

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
 Data File : BN009448.D
 Acq On : 28 Jan 2020 13:25
 Operator : CG/JU
 Sample : L1193-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GASP4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	10.216	1222	1229	1232	rVV2	3048400	5093557	1.91%	0.213%
2	10.269	1232	1238	1247	rVV	15317947	26881910	10.10%	1.126%
3	11.669	1469	1476	1480	rBV	3090768	5971695	2.24%	0.250%
4	11.716	1480	1484	1489	rVB	3804824	5114653	1.92%	0.214%
5	11.787	1489	1496	1506	rVB	1789615	5383987	2.02%	0.226%
6	11.969	1506	1527	1529	rBV5	53096157	266214178	100.00%	11.150%
7	12.198	1545	1566	1570	rBV2	52831125	204926725	76.98%	8.583%
8	12.928	1684	1690	1693	rBV	7973860	12596190	4.73%	0.528%
9	12.963	1693	1696	1705	rVV	5968570	9475189	3.56%	0.397%
10	13.075	1705	1715	1718	rVV4	1924704	4800605	1.80%	0.201%
11	13.139	1718	1726	1740	rVB	25365550	63584187	23.88%	2.663%
12	13.481	1769	1784	1787	rBV3	45373159	149409397	56.12%	6.258%
13	13.528	1787	1792	1796	rVV	44277380	70895609	26.63%	2.969%
14	13.575	1796	1800	1804	rVV	8811518	11337805	4.26%	0.475%
15	13.692	1811	1820	1823	rBV	31683944	65290416	24.53%	2.735%
16	13.722	1823	1825	1834	rVB	14739858	14541350	5.46%	0.609%
17	13.845	1835	1846	1851	rBV2	30345375	51485128	19.34%	2.156%
18	14.039	1872	1879	1883	rBV	6251133	9015173	3.39%	0.378%
19	14.098	1883	1889	1896	rVV	15568598	25407917	9.54%	1.064%
20	14.169	1896	1901	1904	rVV2	9287486	14819534	5.57%	0.621%
21	14.204	1904	1907	1911	rVV	9624546	12507556	4.70%	0.524%
22	14.333	1922	1929	1937	rVB	12662617	29409642	11.05%	1.232%
23	14.416	1937	1943	1950	rVB	4218595	6324350	2.38%	0.265%
24	14.522	1950	1961	1967	rBV2	20336395	42097947	15.81%	1.763%
25	14.604	1967	1975	1981	rVB	16618316	25318280	9.51%	1.060%
26	14.739	1990	1998	2003	rBV2	10095793	21082212	7.92%	0.883%
27	14.792	2003	2007	2012	rVB	13026241	17483050	6.57%	0.732%
28	14.910	2017	2027	2030	rBV2	7792787	17039346	6.40%	0.714%
29	14.939	2030	2032	2037	rVV2	3891653	5448744	2.05%	0.228%
30	14.992	2037	2041	2046	rVB2	4954965	7234620	2.72%	0.303%
31	15.057	2046	2052	2056	rBV	5936754	11583627	4.35%	0.485%
32	15.104	2056	2060	2065	rVB2	11345637	16210034	6.09%	0.679%
33	15.175	2065	2072	2075	rBV	21611480	38088808	14.31%	1.595%
34	15.210	2075	2078	2083	rVV2	6477454	10186345	3.83%	0.427%

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35	15.286	2088	2091	2095	rVV4	5379778	9107968	3.42%	0.381%
36	15.322	2095	2097	2103	rVV3	3497863	4928336	1.85%	0.206%
37	15.392	2103	2109	2115	rVB5	4989820	10219972	3.84%	0.428%
38	15.463	2115	2121	2131	rVB2	9681950	16472283	6.19%	0.690%
39	15.610	2138	2146	2154	rVB3	5591007	13119428	4.93%	0.550%
40	15.692	2154	2160	2169	rVB3	2761184	5126627	1.93%	0.215%
41	15.857	2181	2188	2191	rBV3	3419596	6506672	2.44%	0.273%
42	16.169	2227	2241	2246	rVV3	7267399	20714896	7.78%	0.868%
43	16.222	2246	2250	2255	rVV	9199263	12998295	4.88%	0.544%
44	16.316	2261	2266	2272	rVB2	3228928	6611544	2.48%	0.277%
45	16.404	2277	2281	2283	rVV3	2753826	4260694	1.60%	0.178%
46	16.433	2283	2286	2290	rVV3	3913947	6251441	2.35%	0.262%
47	16.533	2297	2303	2308	rVB	13199478	21736412	8.17%	0.910%
48	16.674	2320	2327	2335	rBV	8705285	14445579	5.43%	0.605%
49	16.957	2352	2375	2378	rBV3	50258719	182346281	68.50%	7.638%
50	17.004	2380	2383	2387	rVV	6288382	8011850	3.01%	0.336%
51	17.057	2387	2392	2397	rVV2	3048882	6029894	2.27%	0.253%
52	17.180	2408	2413	2422	rVB	7188328	11129455	4.18%	0.466%
53	17.380	2443	2447	2452	rVV2	5441363	7852975	2.95%	0.329%
54	17.439	2452	2457	2464	rVB2	6342479	14278436	5.36%	0.598%
55	17.563	2472	2478	2487	rVB3	6699075	15425935	5.79%	0.646%
56	17.674	2491	2497	2502	rBV2	3790401	6935754	2.61%	0.291%
57	17.751	2502	2510	2514	rVV	30989371	60536202	22.74%	2.536%
58	17.810	2514	2520	2524	rVV	35359492	59555536	22.37%	2.494%
59	17.939	2534	2542	2546	rBV	28164959	47700118	17.92%	1.998%
60	17.980	2546	2549	2556	rVB	22342295	31027606	11.66%	1.300%
61	18.251	2589	2595	2599	rVV	14899211	25075232	9.42%	1.050%
62	18.298	2599	2603	2611	rVB	15250740	21767175	8.18%	0.912%
63	18.492	2626	2636	2641	rBV4	6408069	13977239	5.25%	0.585%
64	18.545	2641	2645	2648	rVB	5737048	7095219	2.67%	0.297%
65	18.580	2648	2651	2656	rVB	3074305	4057673	1.52%	0.170%
66	18.674	2656	2667	2671	rBV	11211563	20522952	7.71%	0.860%
67	18.721	2671	2675	2679	rVV2	5318940	10273538	3.86%	0.430%
68	18.763	2679	2682	2686	rVB	3528817	4366070	1.64%	0.183%
69	18.816	2686	2691	2698	rBV2	10218194	18585437	6.98%	0.778%
70	18.939	2703	2712	2718	rBV	29259848	49733775	18.68%	2.083%
71	19.004	2718	2723	2726	rBV	5164245	7105571	2.67%	0.298%

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72	19.033	2726	2728	2733	rVV2	3180611	5408491	2.03%	0.227%
73	19.080	2733	2736	2740	rVB	3837645	4941045	1.86%	0.207%
74	19.151	2740	2748	2753	rBV3	7972500	12495972	4.69%	0.523%
75	19.316	2763	2776	2781	rBV2	32711823	65011694	24.42%	2.723%
76	19.374	2781	2786	2792	rVB3	2590968	5142139	1.93%	0.215%
77	19.533	2805	2813	2819	rVB4	2724692	5546310	2.08%	0.232%
78	19.627	2823	2829	2839	rBV3	7208826	15595948	5.86%	0.653%
79	19.763	2847	2852	2854	rVV3	5662498	9436253	3.54%	0.395%
80	19.792	2855	2857	2862	rVB	6593040	8280787	3.11%	0.347%
81	19.898	2871	2875	2880	rVV	3569384	4855274	1.82%	0.203%
82	19.957	2880	2885	2889	rVB	8087734	10122373	3.80%	0.424%
83	20.092	2903	2908	2912	rVV	6493956	8848080	3.32%	0.371%
84	20.139	2912	2916	2920	rVB	7588796	9551581	3.59%	0.400%
85	20.551	2981	2986	2992	rVB	6470514	9116661	3.42%	0.382%
86	20.704	3006	3012	3016	rBV2	3727141	6197672	2.33%	0.260%
87	20.745	3016	3019	3023	rVB	4773280	5525368	2.08%	0.231%
88	20.845	3032	3036	3042	rVB	5245096	7277924	2.73%	0.305%
89	21.057	3066	3072	3075	rBV	15604408	24412683	9.17%	1.023%
90	21.110	3077	3081	3086	rVB	17652526	23182720	8.71%	0.971%
91	21.274	3105	3109	3113	rVV	5420359	6502272	2.44%	0.272%
92	21.604	3159	3165	3169	rVV	6683670	11533083	4.33%	0.483%
93	21.651	3169	3173	3179	rVV3	4794096	8702633	3.27%	0.365%
94	21.715	3179	3184	3191	rVV3	2903039	7517461	2.82%	0.315%
95	21.786	3192	3196	3199	rVV2	3654777	5985515	2.25%	0.251%
96	21.815	3199	3201	3206	rVV	3458249	4261454	1.60%	0.178%
97	22.574	3323	3330	3340	rVB3	6034921	17540771	6.59%	0.735%
98	23.009	3398	3404	3408	rBV	3615094	6060645	2.28%	0.254%
99	23.098	3415	3419	3424	rVB	3096321	4979720	1.87%	0.209%
100	25.262	3779	3787	3797	rVB	1906619	5323347	2.00%	0.223%

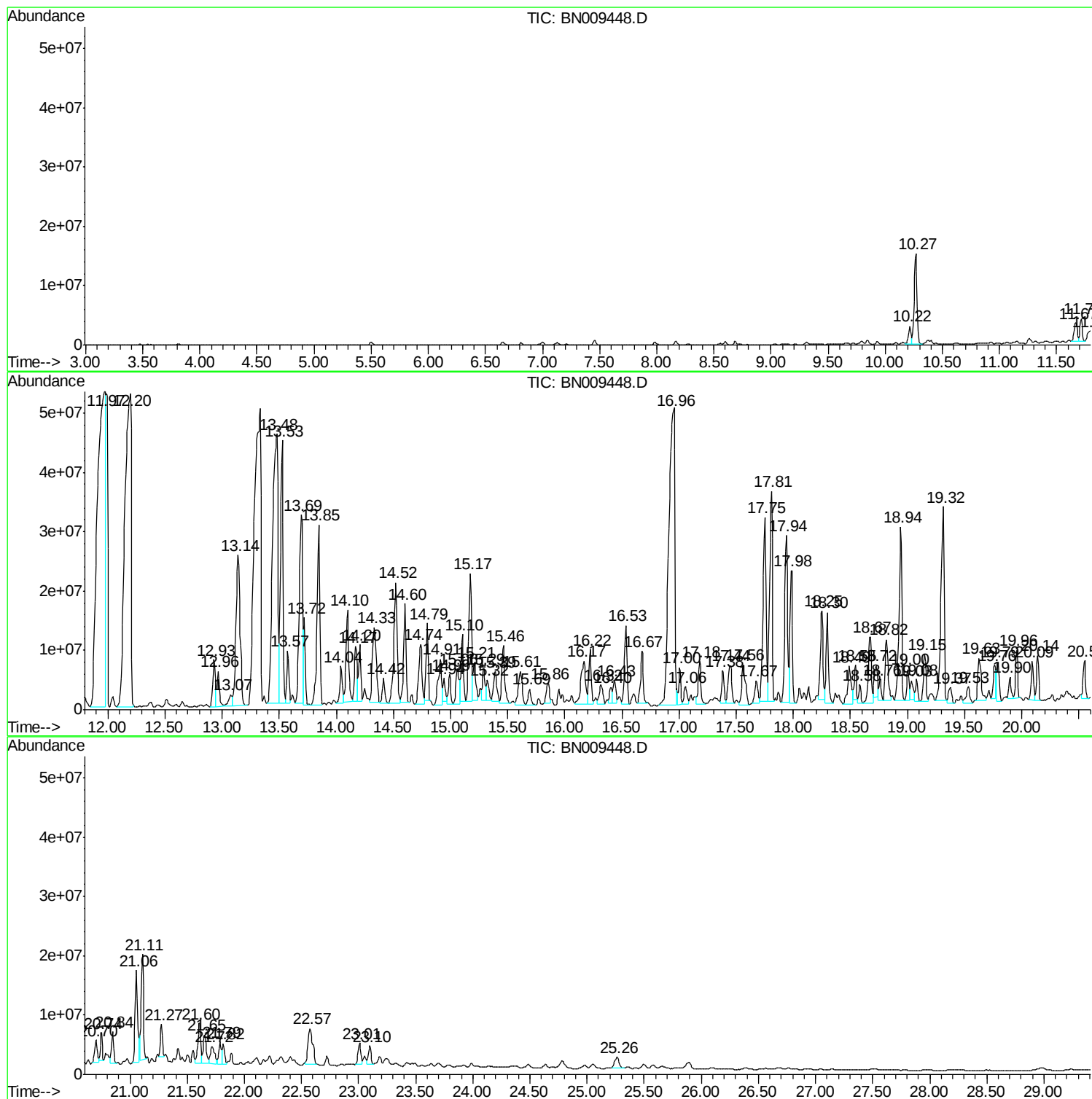
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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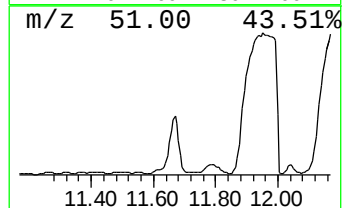
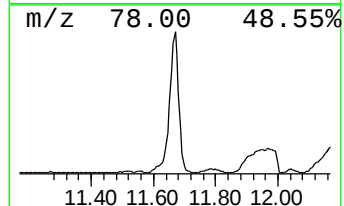
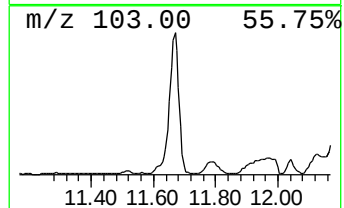
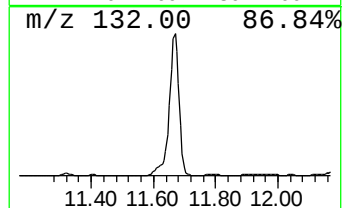
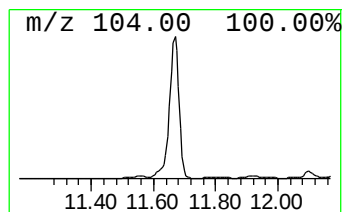
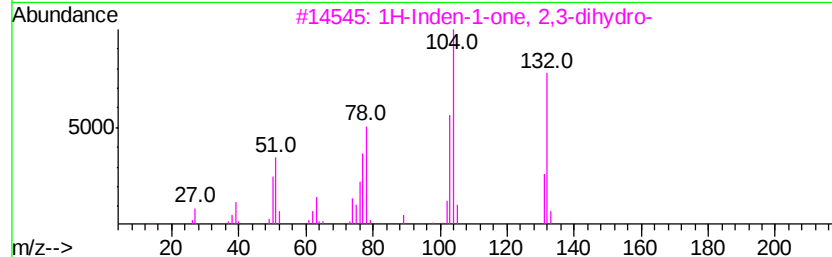
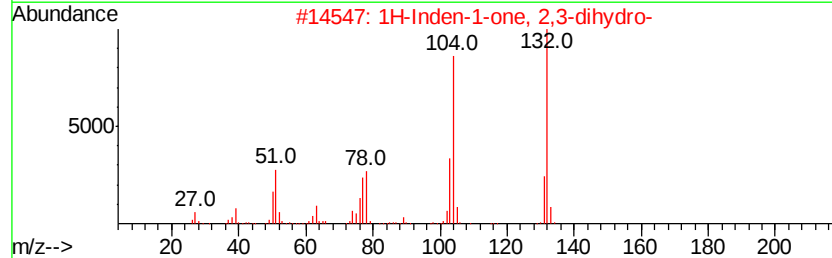
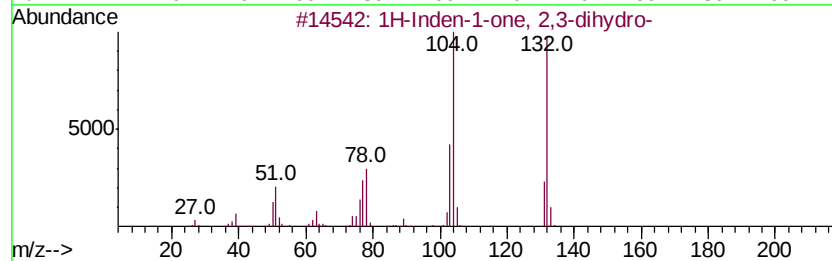
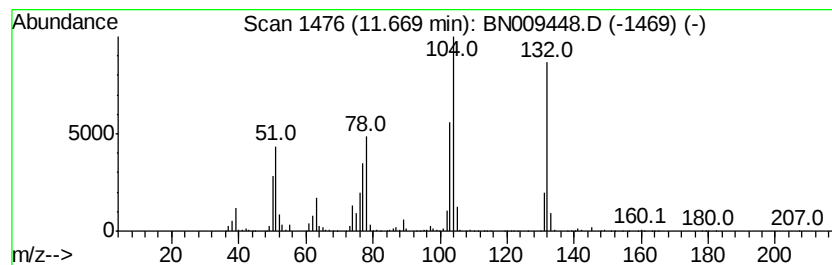
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	23.45 ng/ul	5971700	Napthalene-d8	10.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Inden-1-one, 2,3-dihydro-	132 C9H8O	000083-33-0	96
2	1H-Inden-1-one, 2,3-dihydro-	132 C9H8O	000083-33-0	96
3	1H-Inden-1-one, 2,3-dihydro-	132 C9H8O	000083-33-0	90
4	Styrene	104 C8H8	000100-42-5	64
5	2H-Inden-2-one, 1,3-dihydro-	132 C9H8O	000615-13-4	64



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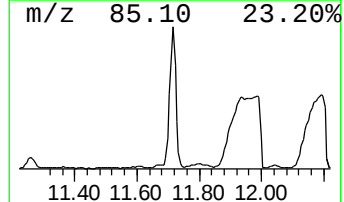
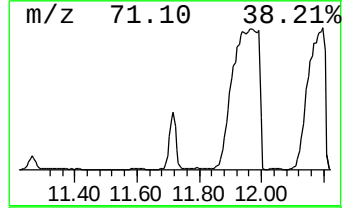
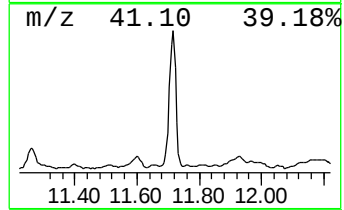
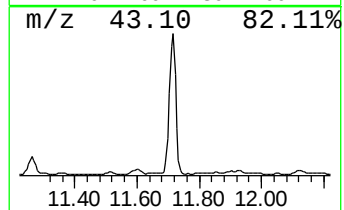
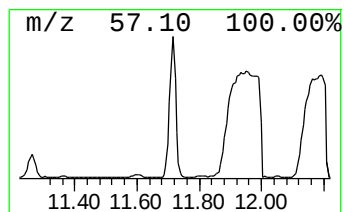
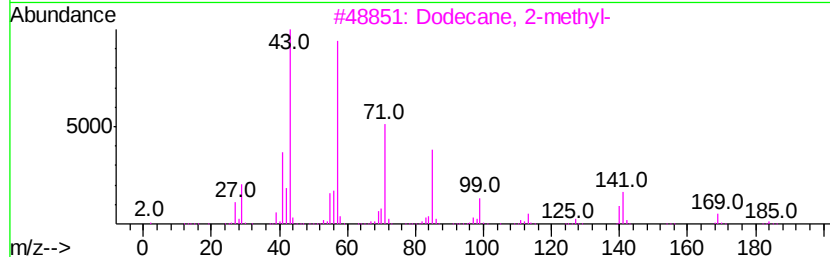
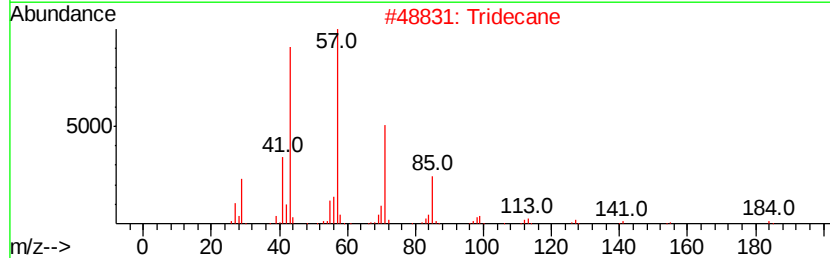
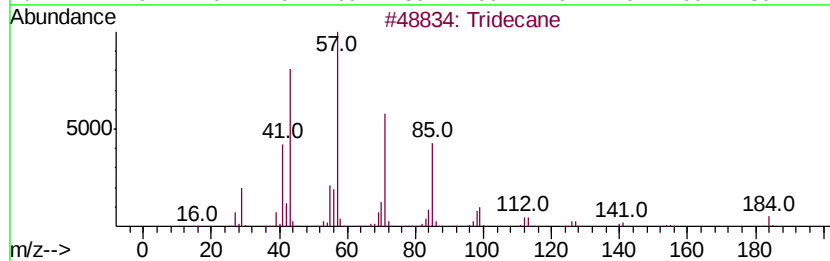
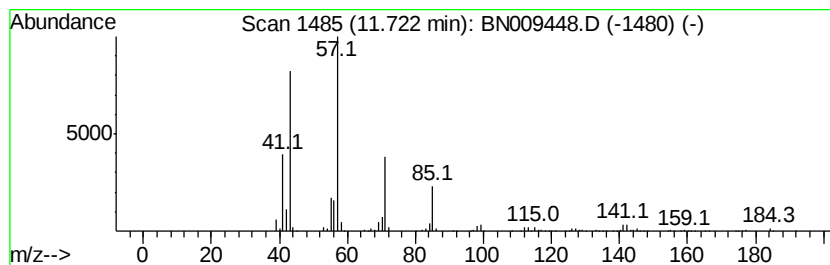
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	20.08 ng/ul	5114650	Napthalene-d8	10.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	87
2		Tridecane	184	C13H28	000629-50-5	87
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
4		Hexadecane	226	C16H34	000544-76-3	78
5		Tridecane	184	C13H28	000629-50-5	72



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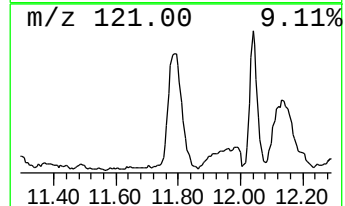
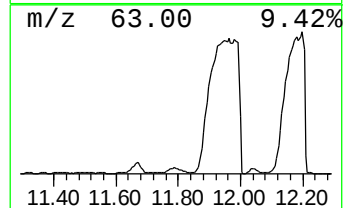
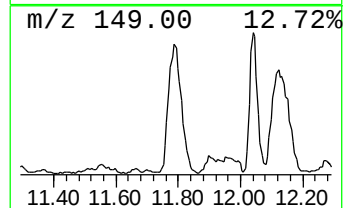
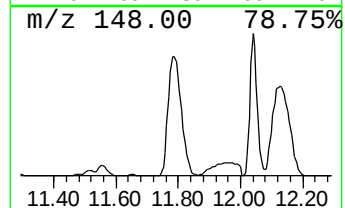
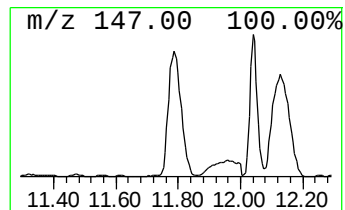
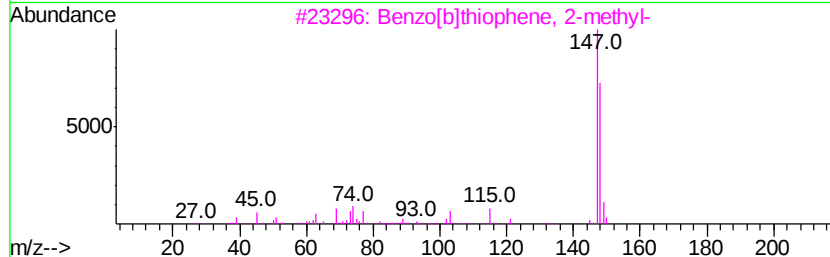
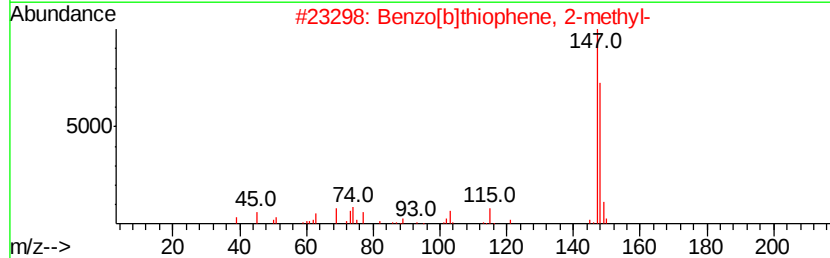
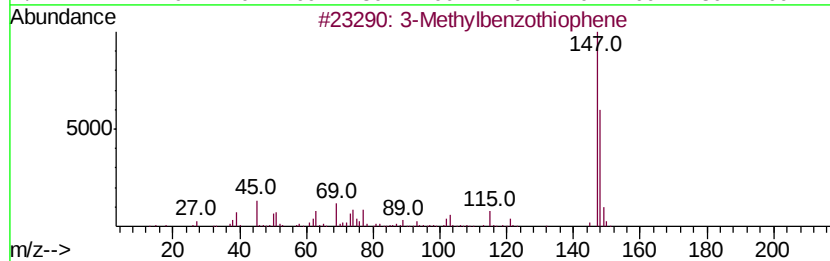
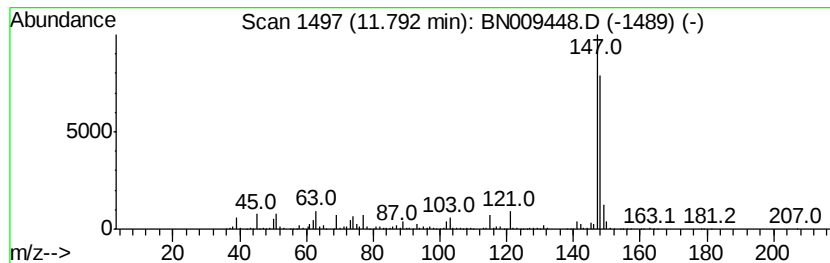
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 3-Methylbenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	21.14 ng/ul	5383990	Napthalene-d8	10.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Methylbenzothiophene	148 C9H8S	001455-18-1	91
2	Benzo[b]thiophene, 2-methyl-	148 C9H8S	001195-14-8	91
3	Benzo[b]thiophene, 2-methyl-	148 C9H8S	001195-14-8	90
4	3-Methylbenzothiophene	148 C9H8S	001455-18-1	90
5	Benzo[b]thiophene, 4-methyl-	148 C9H8S	014315-11-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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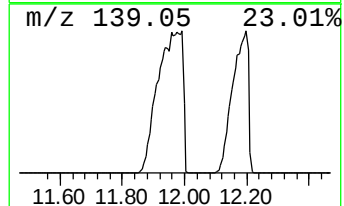
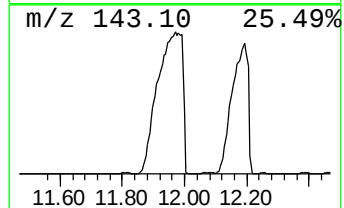
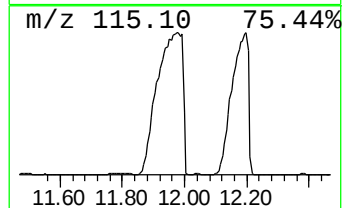
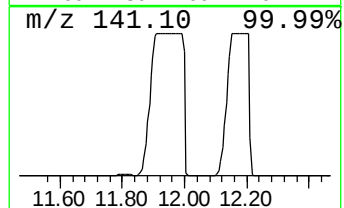
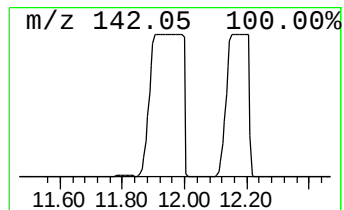
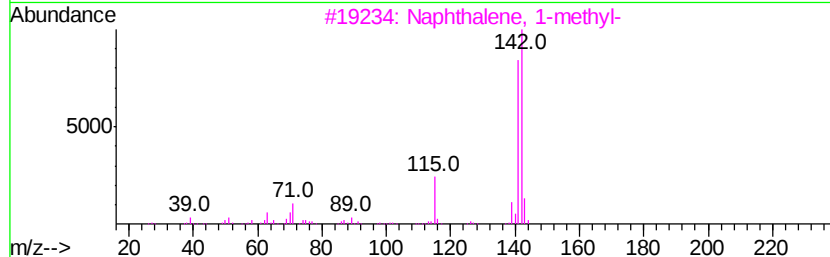
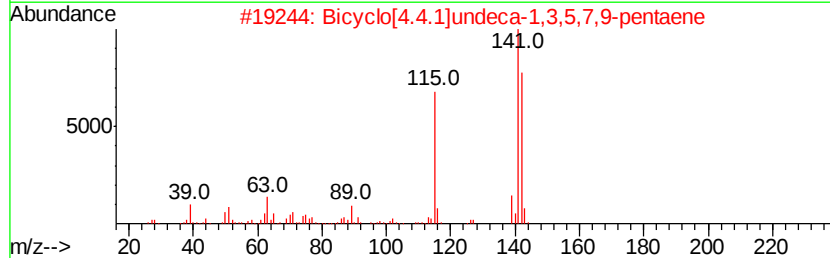
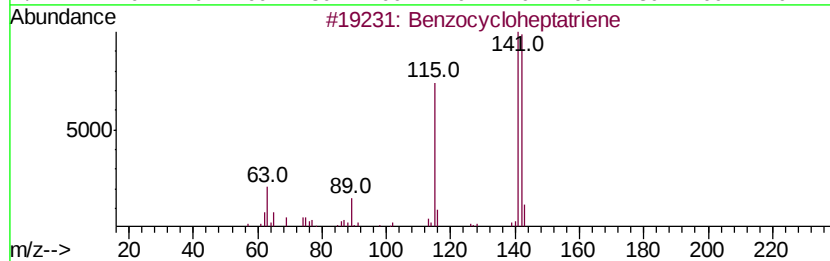
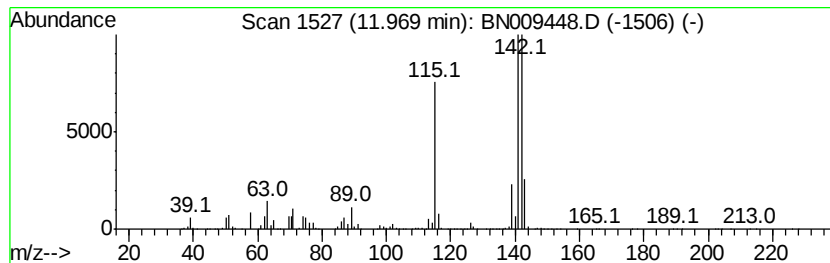
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzocycloheptatriene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	1045.30 ng/ul	266214000	Naphthalene-d8	10.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzocycloheptatriene	142	C11H10	000264-09-5	95
2		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	94
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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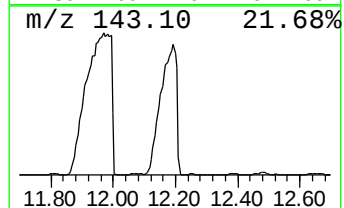
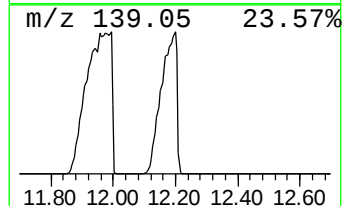
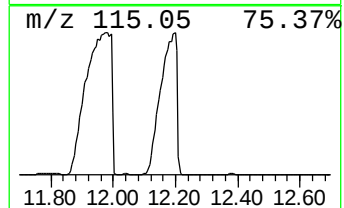
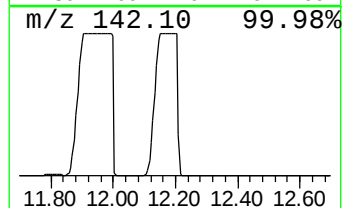
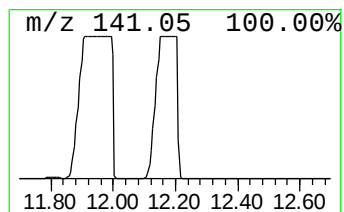
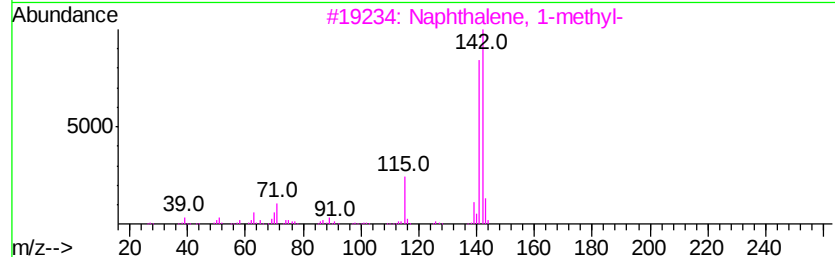
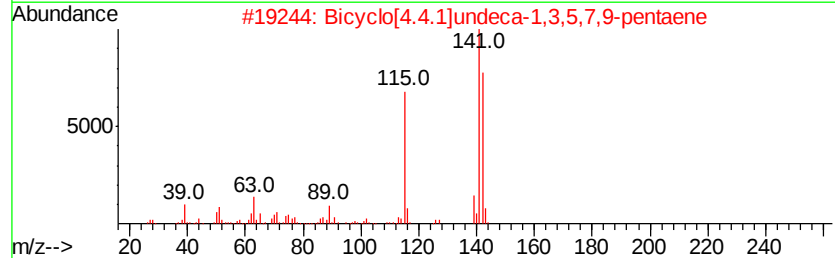
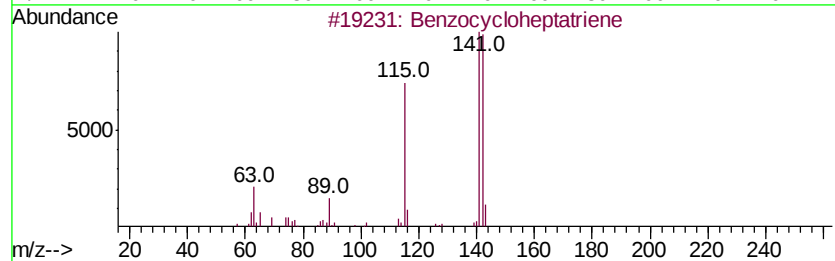
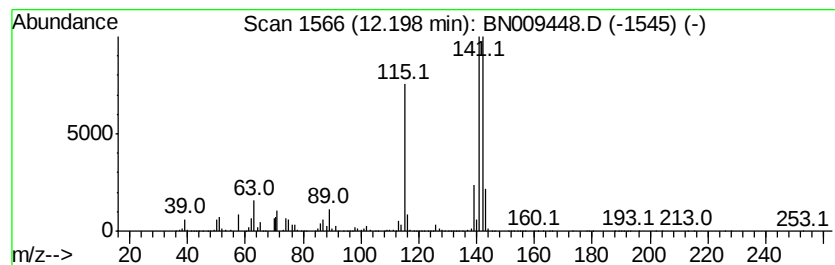
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	161.31 ng/ul	204927000	Acenaphthene-d10	14.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzocycloheptatriene	142	C11H10	000264-09-5	96
2		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	94
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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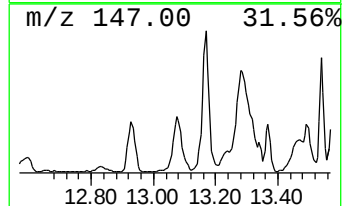
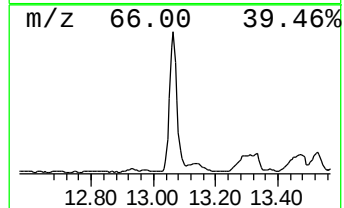
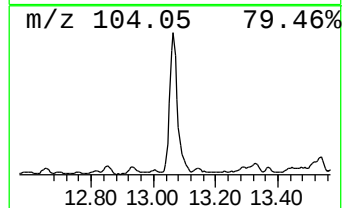
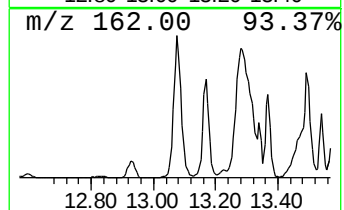
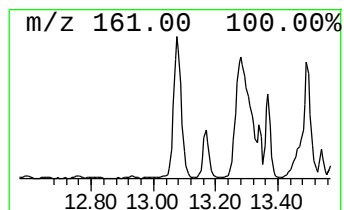
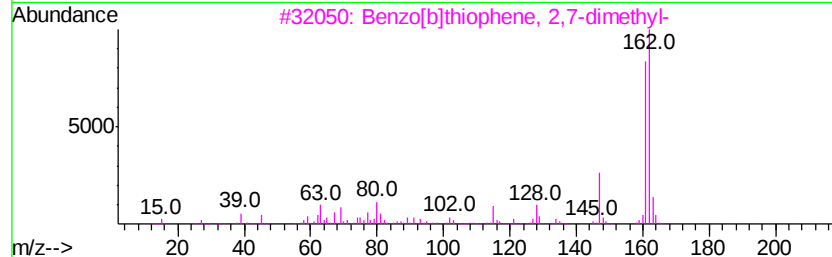
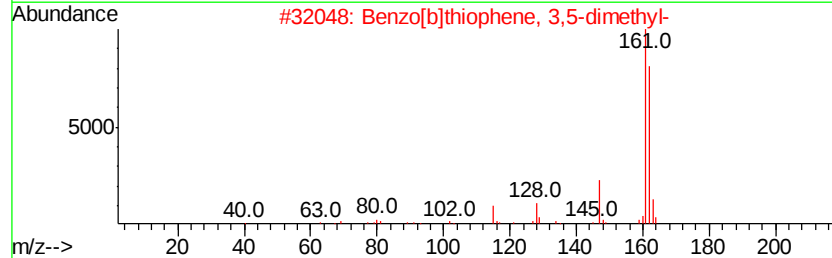
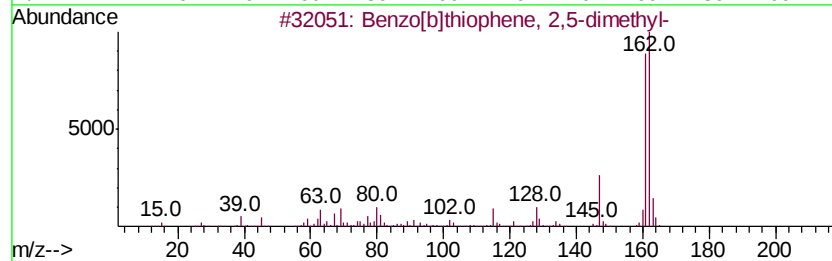
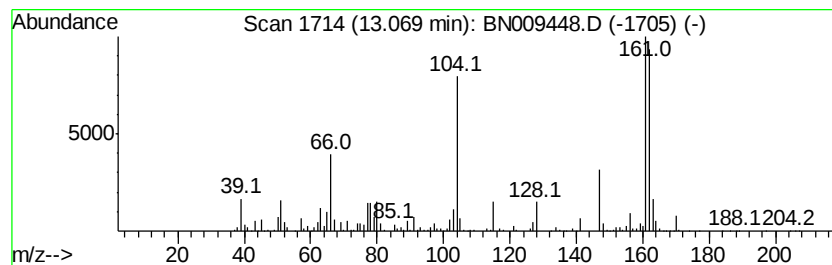
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzo[b]thiophene, 2,5-dime... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	3.78 ng/ul	4800610	Acenaphthene-d10	14.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 2,5-dimethyl-	162	C10H10S	016587-48-7	70
2		Benzo[b]thiophene, 3,5-dimethyl-	162	C10H10S	001964-45-0	55
3		Benzo[b]thiophene, 2,7-dimethyl-	162	C10H10S	016587-40-9	53
4		Benzo[b]thiophene, 3,6-dimethyl-	162	C10H10S	016587-50-1	43
5		2,5-Dimethylthiophene-3,4-dicarb...	162	C8H6N2S	1000305-40-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

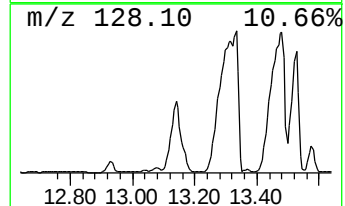
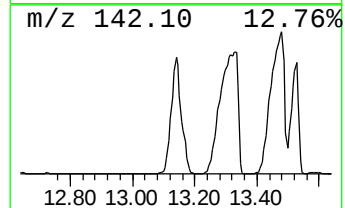
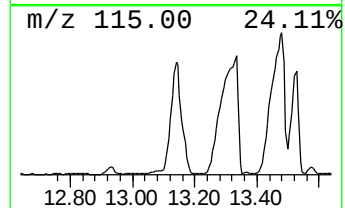
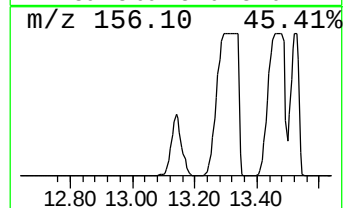
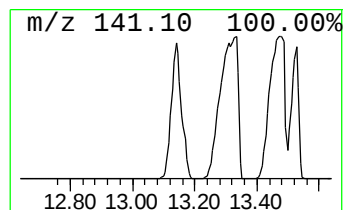
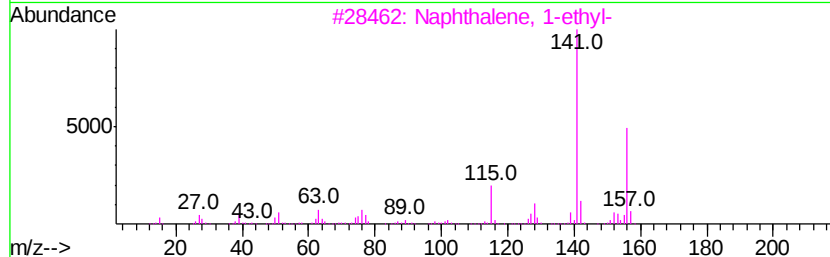
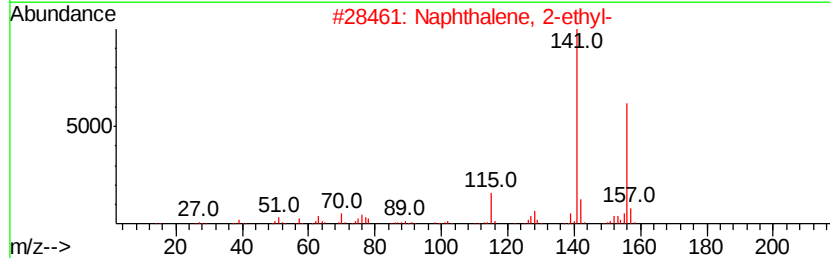
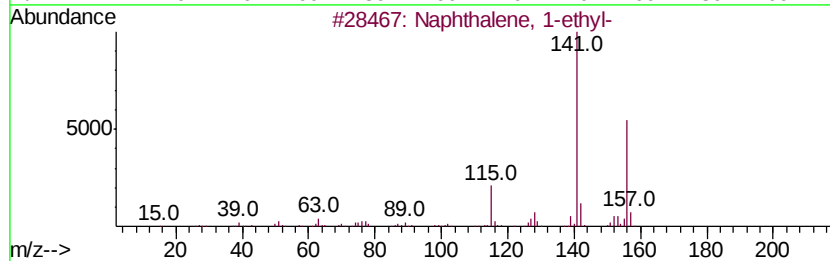
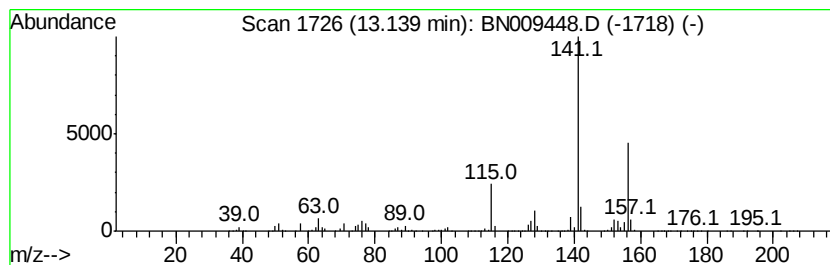
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	50.05 ng/ul	63584200	Acenaphthene-d10	14.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
3		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
5		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
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Acq On : 28 Jan 2020 13:25
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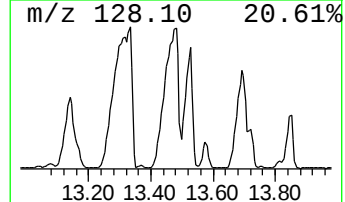
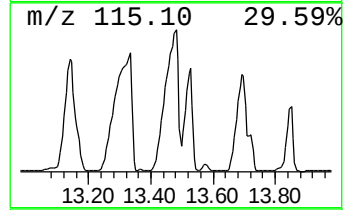
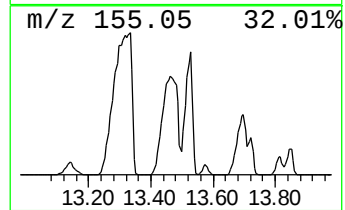
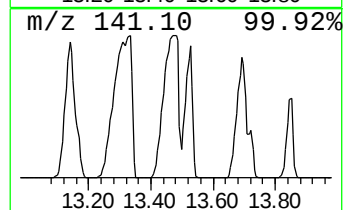
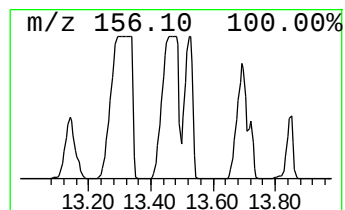
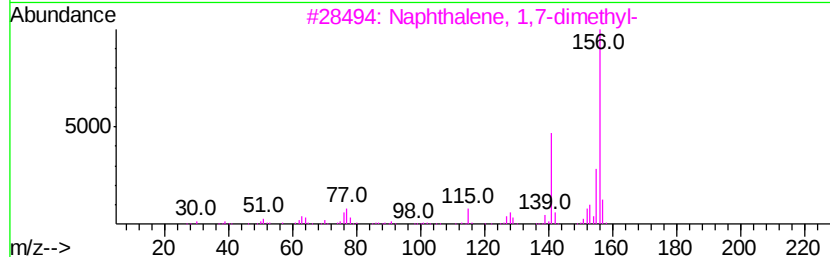
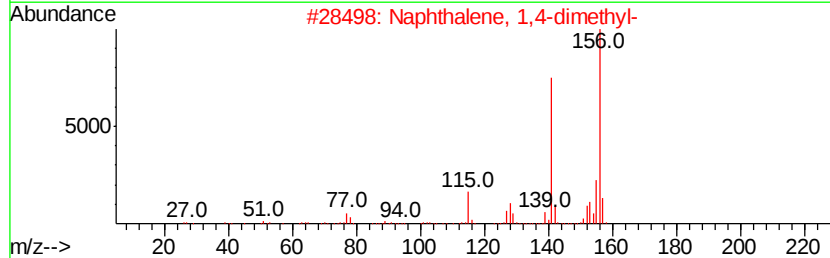
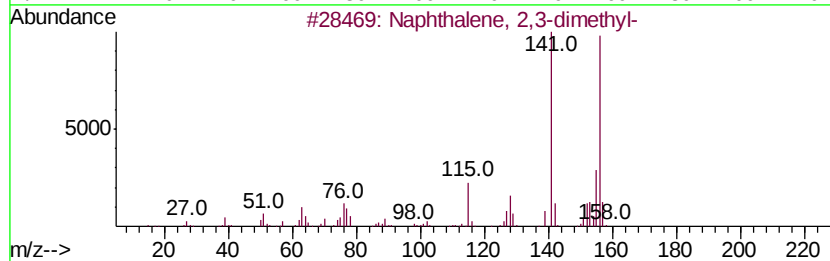
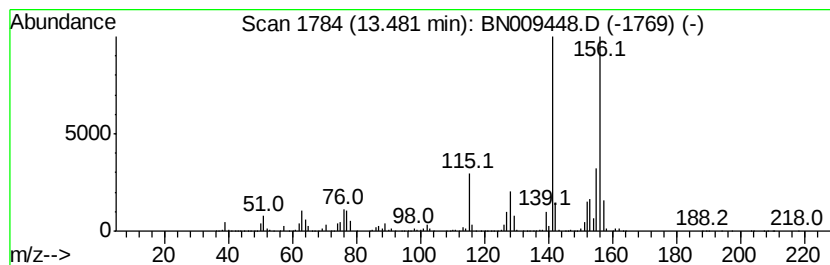
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	117.61 ng/ul	149409000	Acenaphthene-d10	14.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
5		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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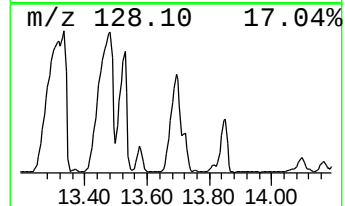
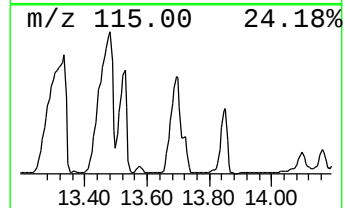
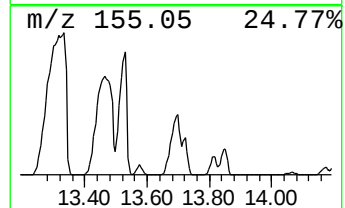
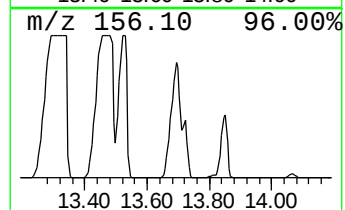
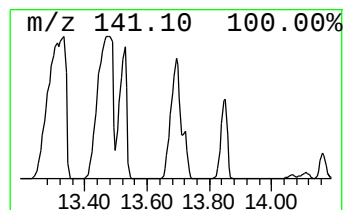
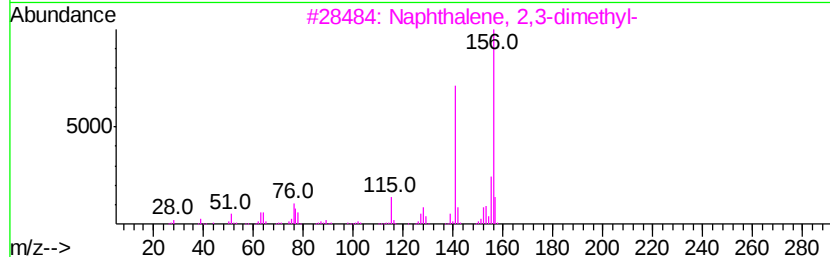
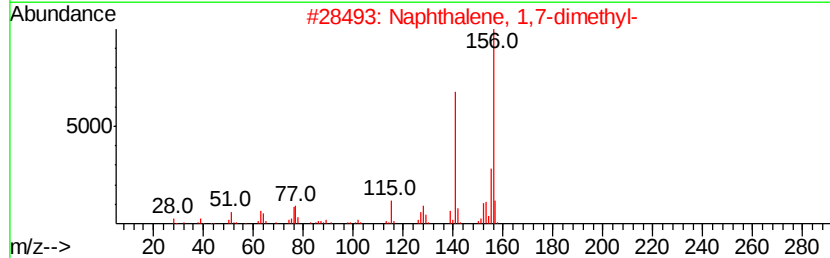
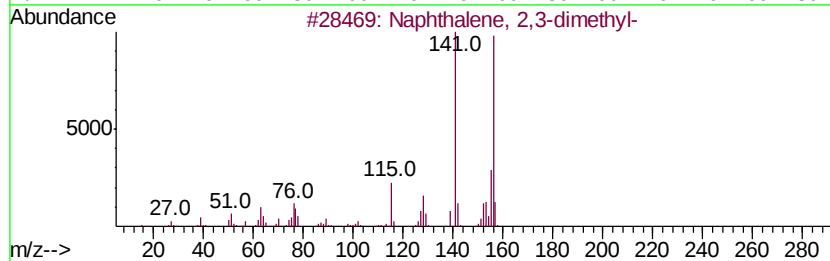
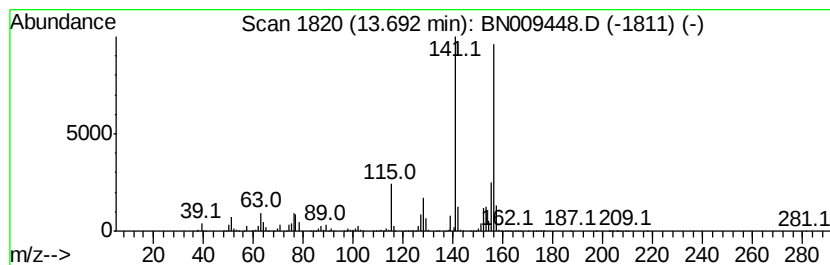
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	51.39 ng/ul	65290400	Acenaphthene-d10	14.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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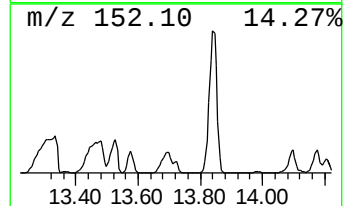
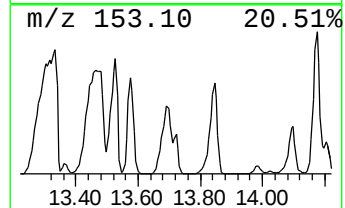
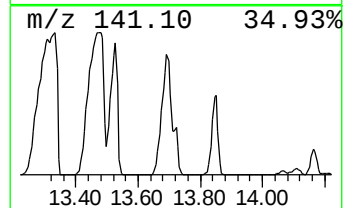
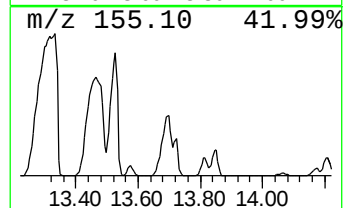
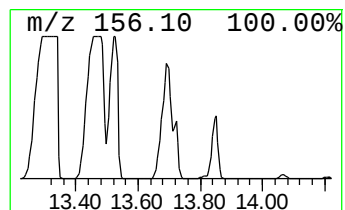
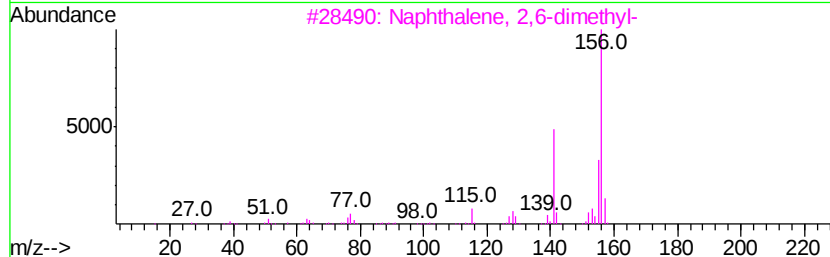
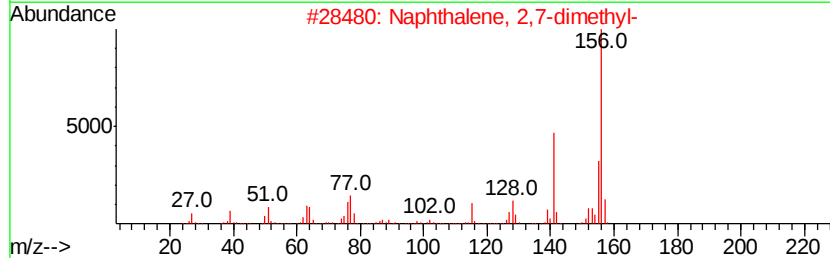
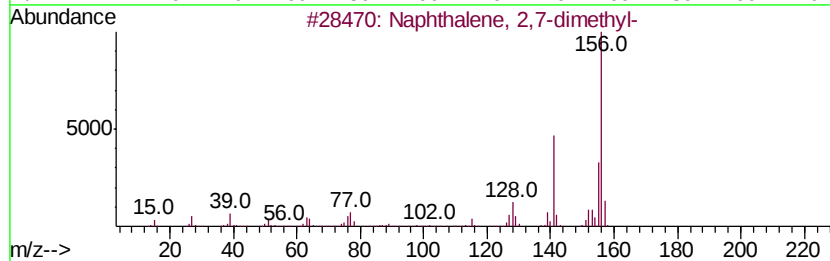
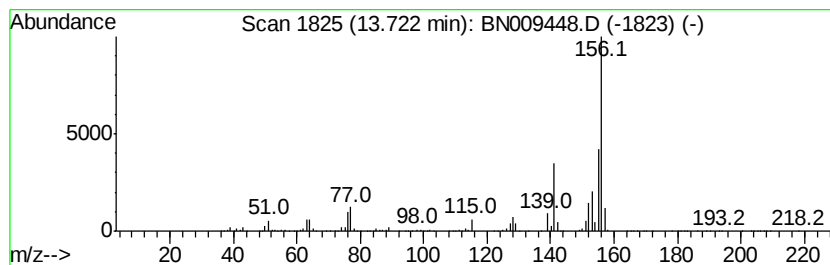
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	11.45 ng/ul	14541400	Acenaphthene-d10	14.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	87
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	83
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASP4

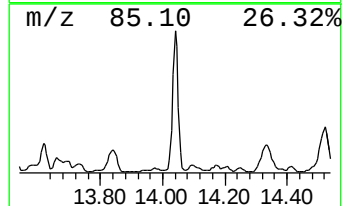
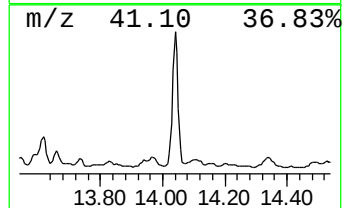
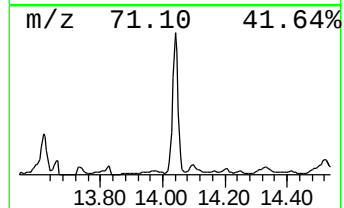
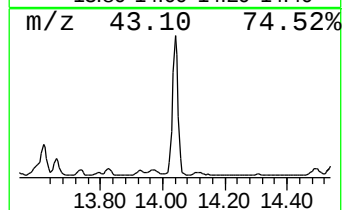
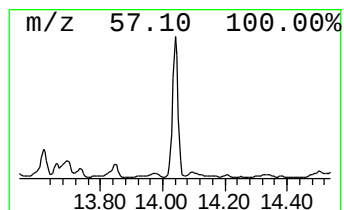
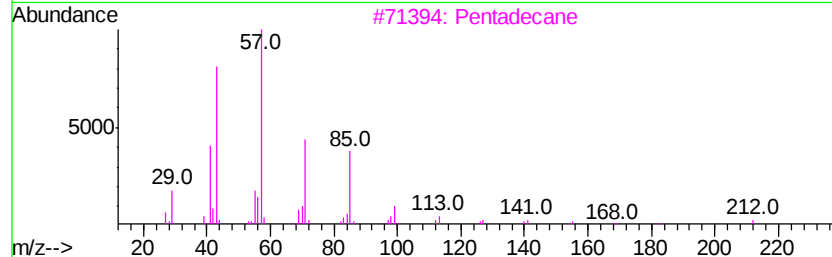
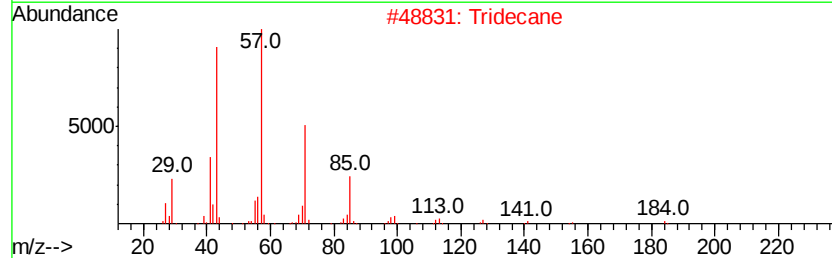
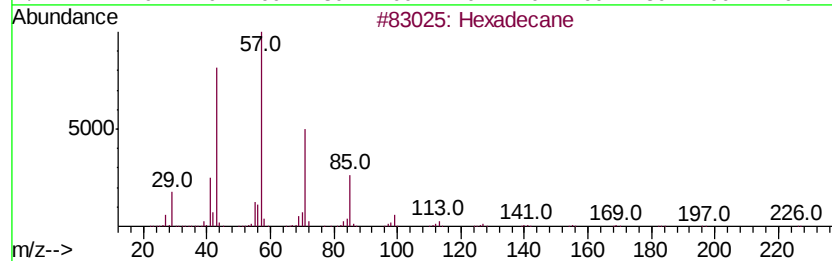
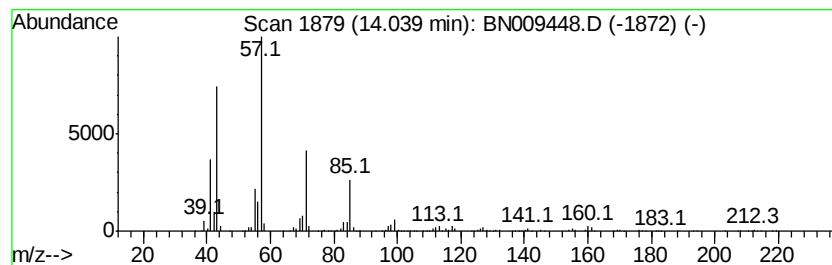
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	7.10 ng/ul	9015170	Acenaphthene-d10	14.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Tridecane	184	C13H28	000629-50-5	90
3			Pentadecane	212	C15H32	000629-62-9	87
4			Tetradecane	198	C14H30	000629-59-4	83
5			Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASP4

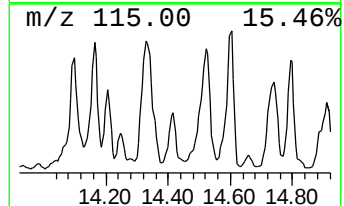
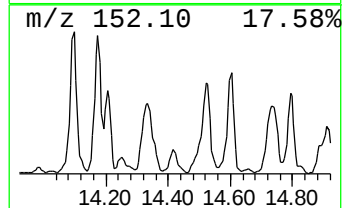
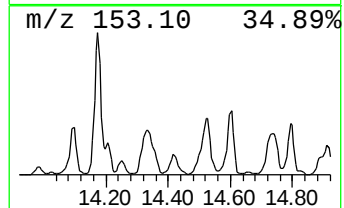
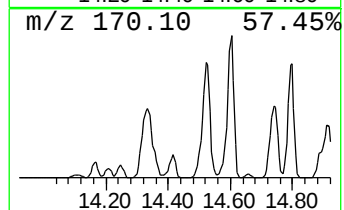
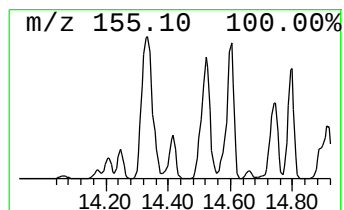
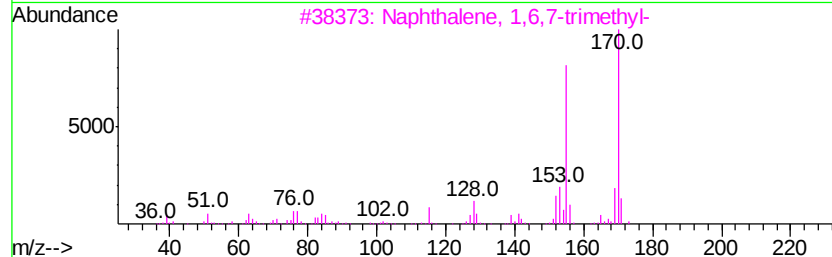
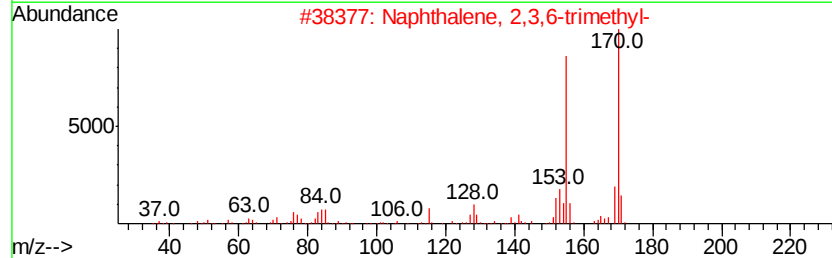
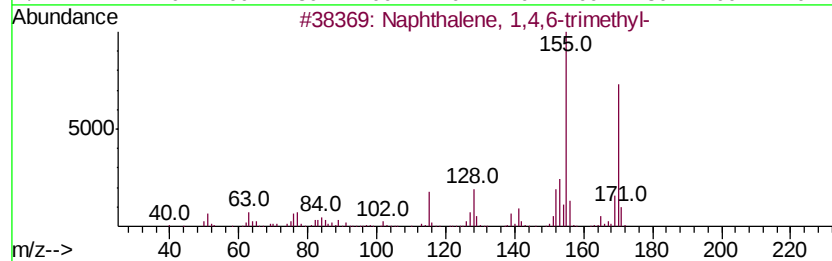
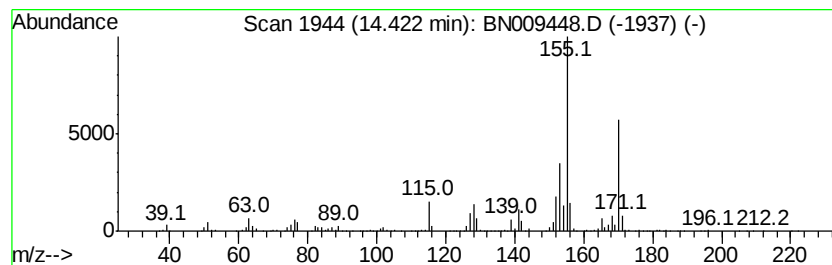
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	4.98 ng/ul	6324350	Acenaphthene-d10	14.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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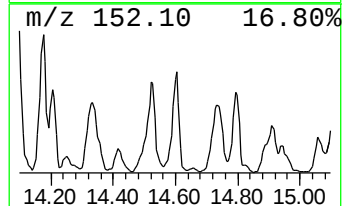
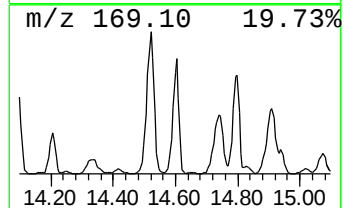
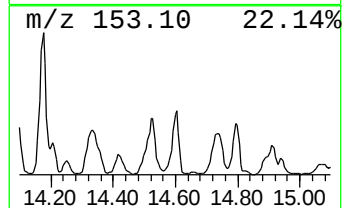
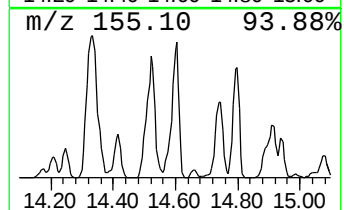
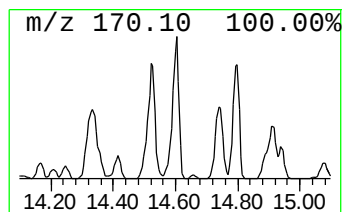
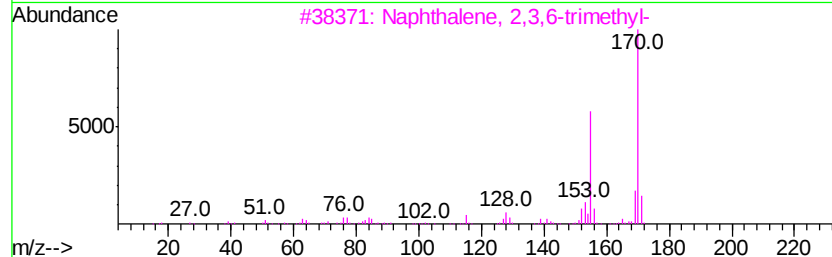
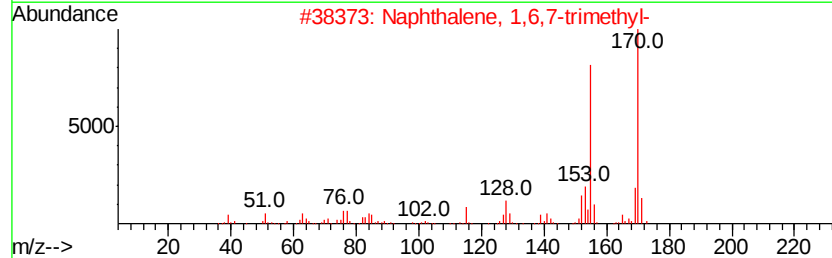
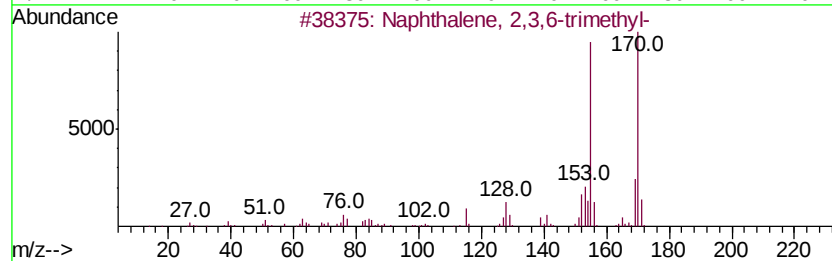
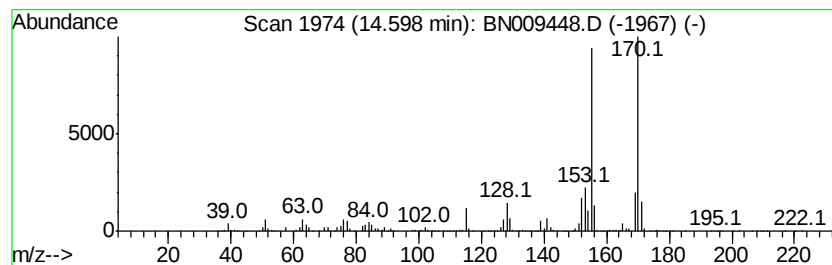
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	19.93 ng/ul	25318300	Acenaphthene-d10	14.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
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Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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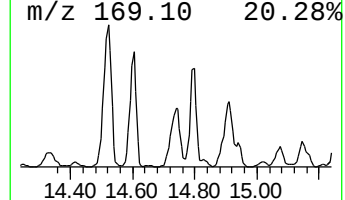
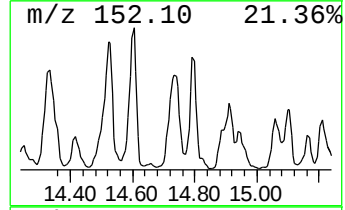
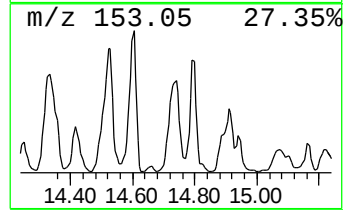
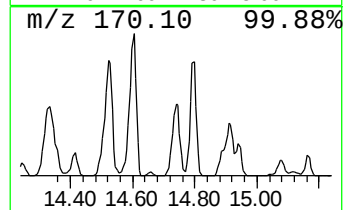
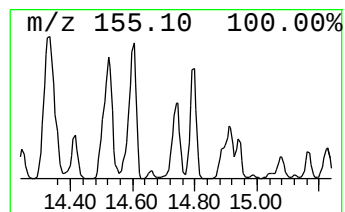
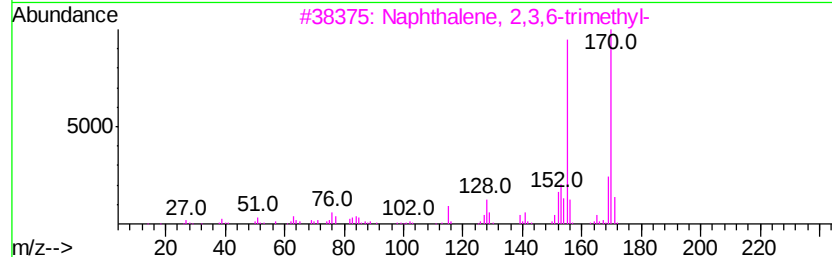
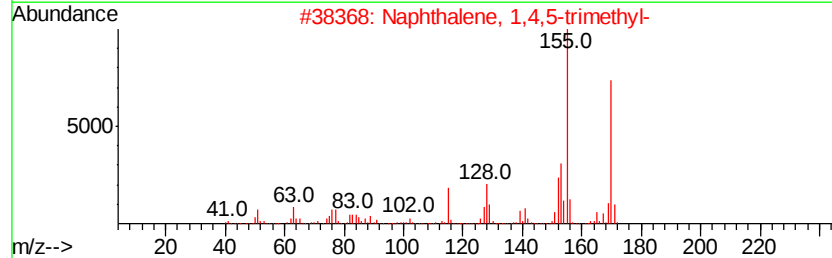
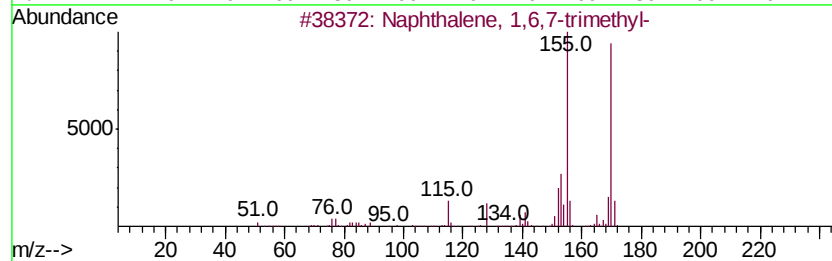
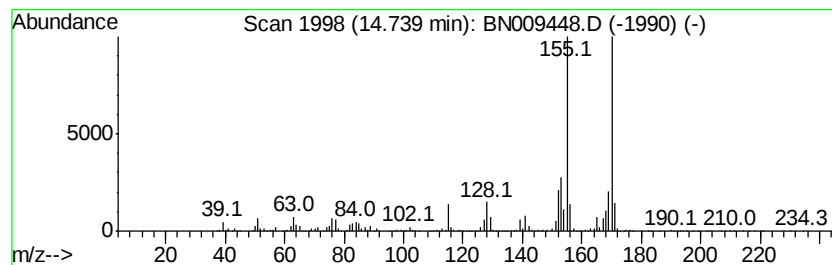
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	16.60 ng/ul	21082200	Acenaphthene-d10	14.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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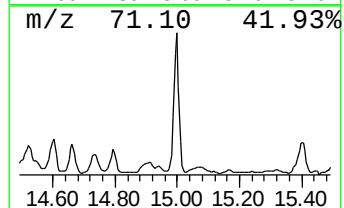
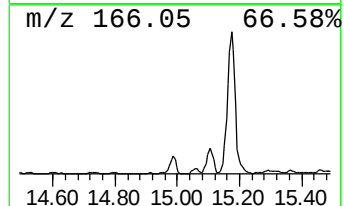
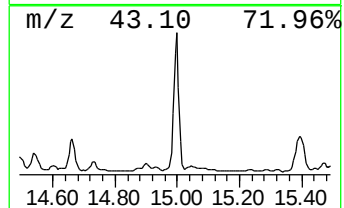
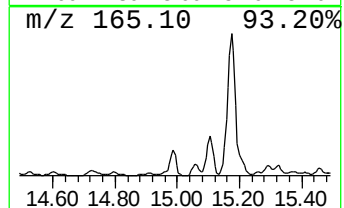
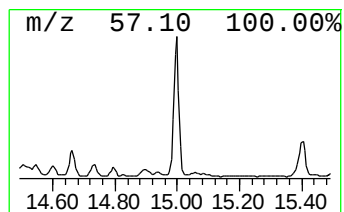
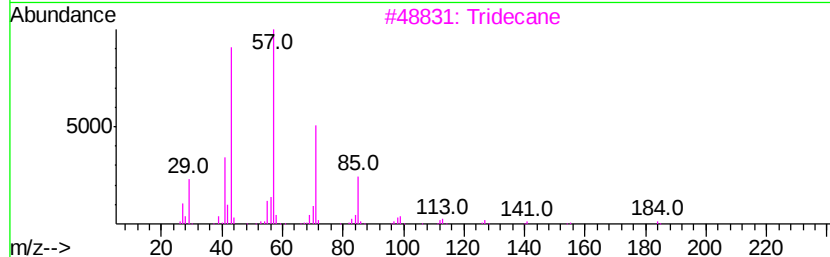
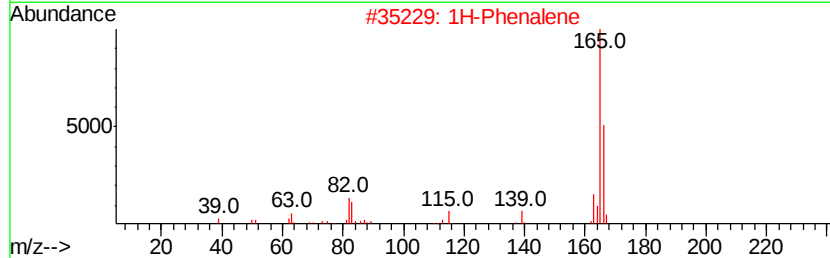
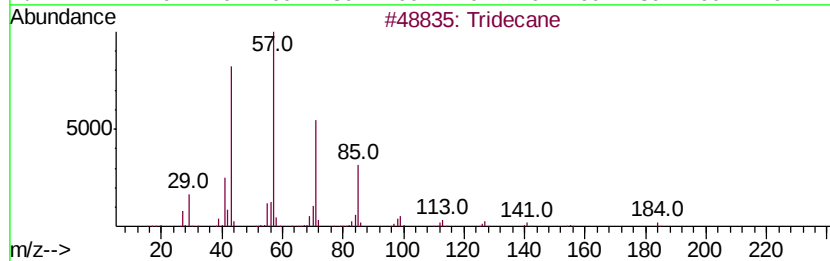
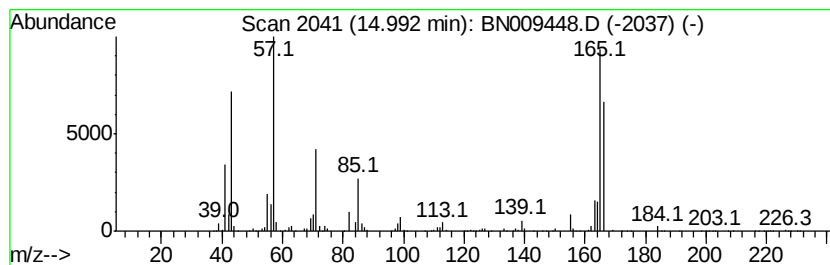
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	5.69 ng/ul	7234620	Acenaphthene-d10	14.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	70
2			1H-Phenylene	166	C13H10	000203-80-5	46
3			Tridecane	184	C13H28	000629-50-5	38
4			Dodecane, 3-methyl-	184	C13H28	017312-57-1	38
5			Fluorene	166	C13H10	000086-73-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
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Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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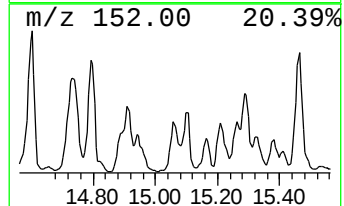
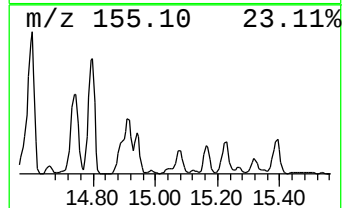
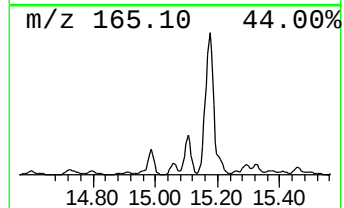
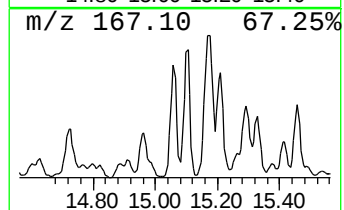
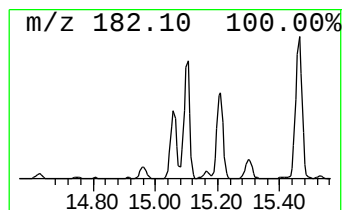
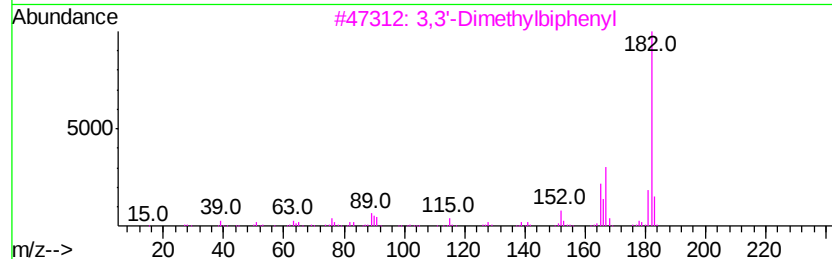
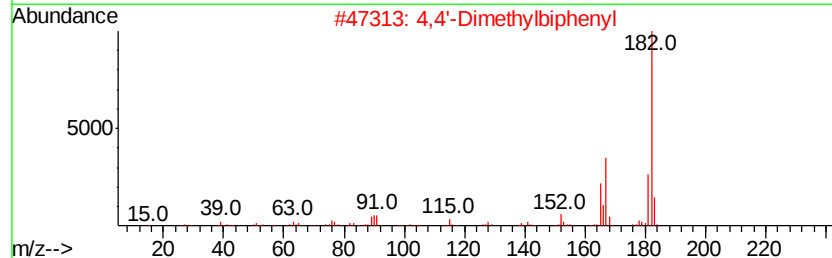
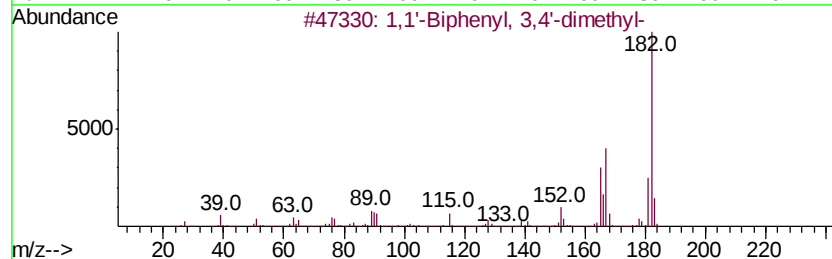
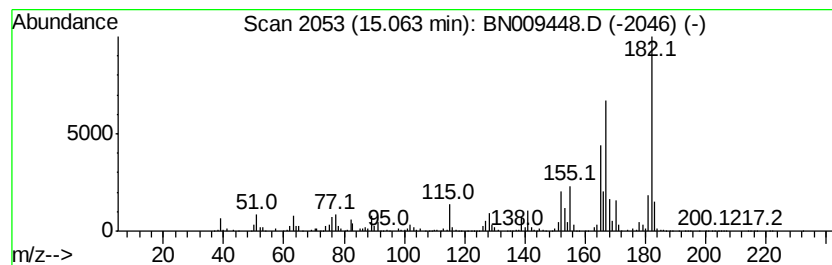
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 1,1'-Biphenyl, 3,4'-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	9.12 ng/ul	11583600	Acenaphthene-d10	14.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	94
2			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	93
3			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	93
4			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	91
5			2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASP4

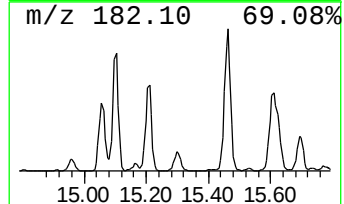
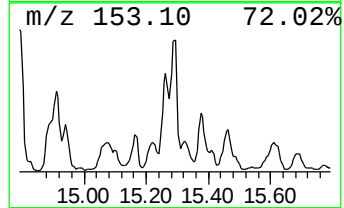
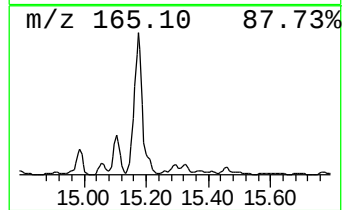
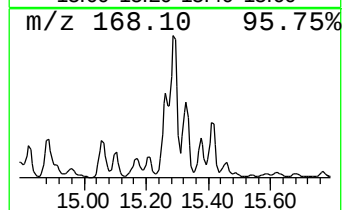
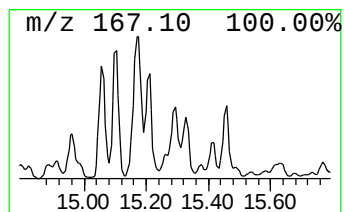
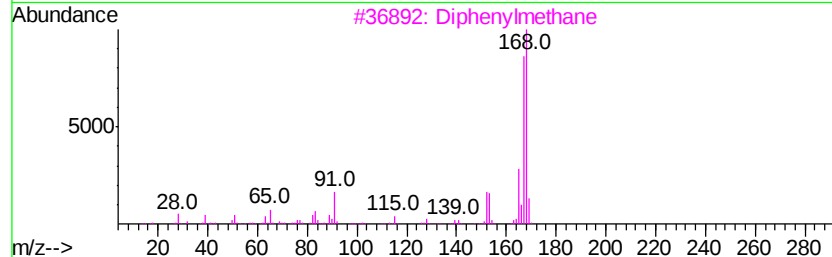
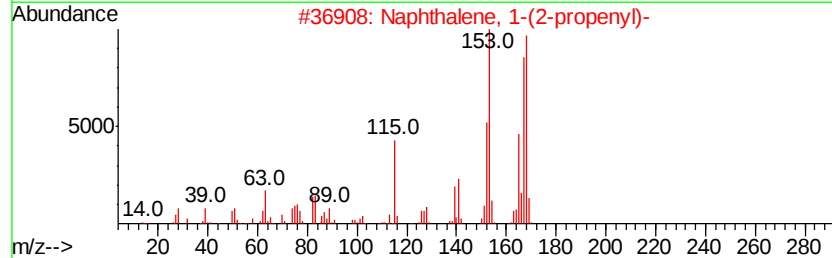
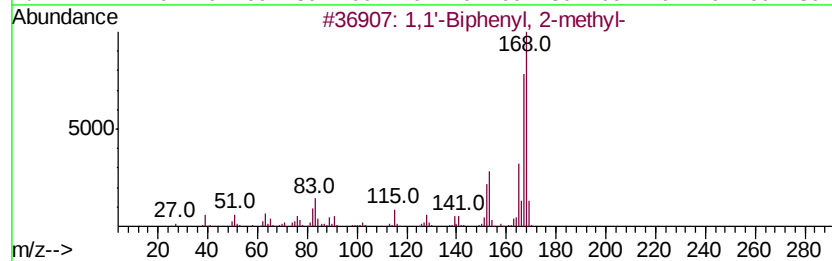
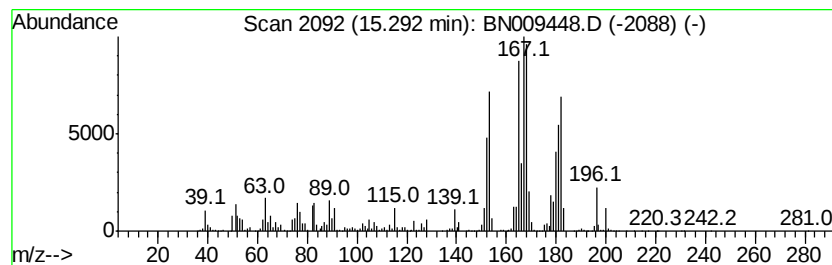
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1,1'-Biphenyl, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	7.17 ng/ul	9107970	Acenaphthene-d10	14.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50
2			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	45
3			Diphenylmethane	168	C13H12	000101-81-5	43
4			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	42
5			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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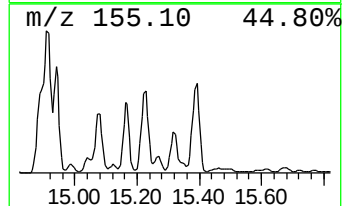
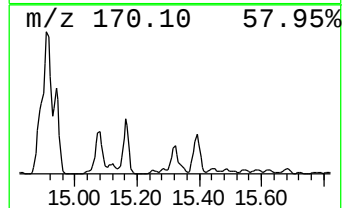
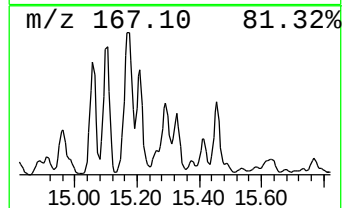
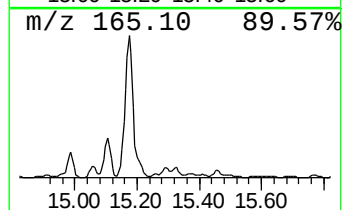
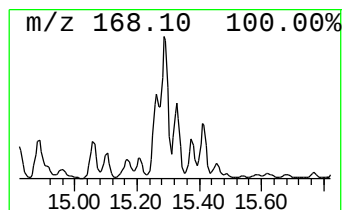
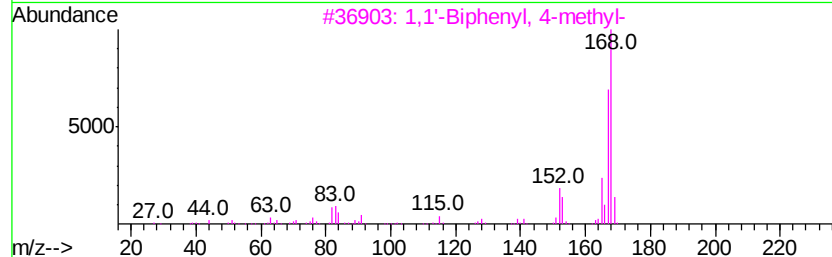
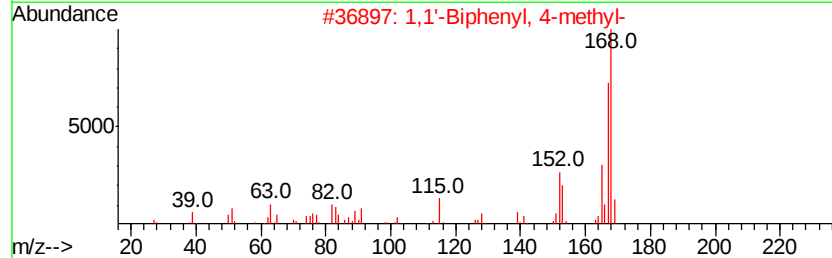
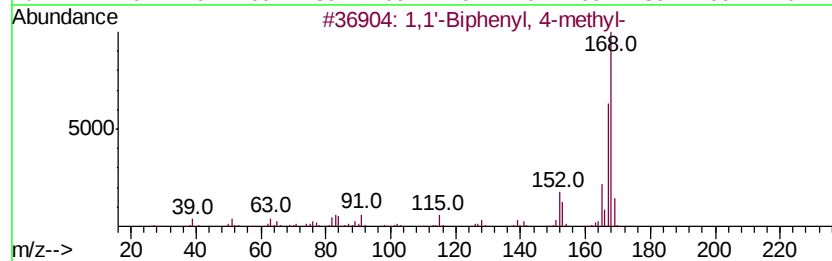
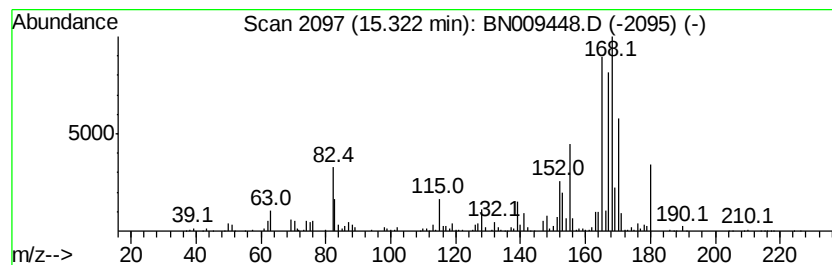
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 1,1'-Biphenyl, 4-methyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	3.88 ng/ul	4928340	Acenaphthene-d10	14.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	50
2		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	50
3		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	45
4		Diphenylmethane	168	C13H12	000101-81-5	43
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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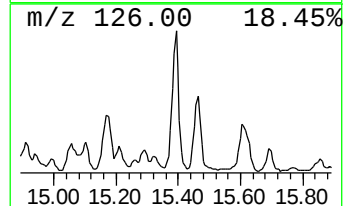
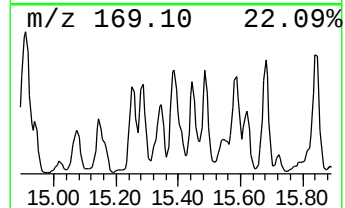
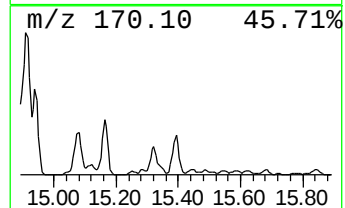
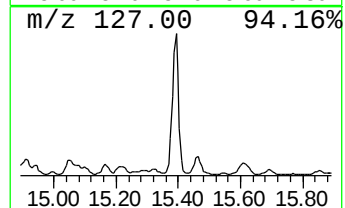
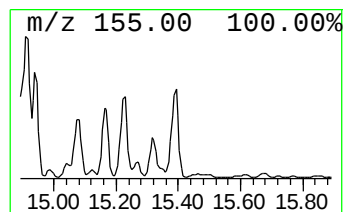
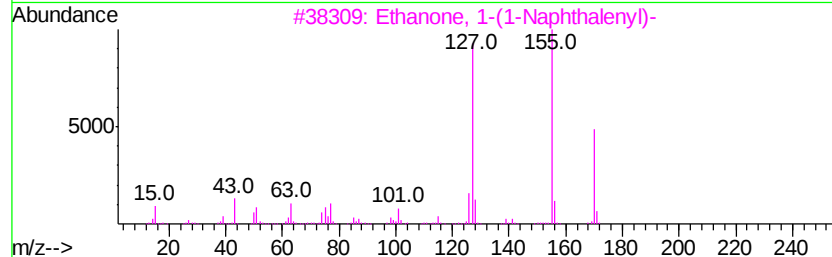
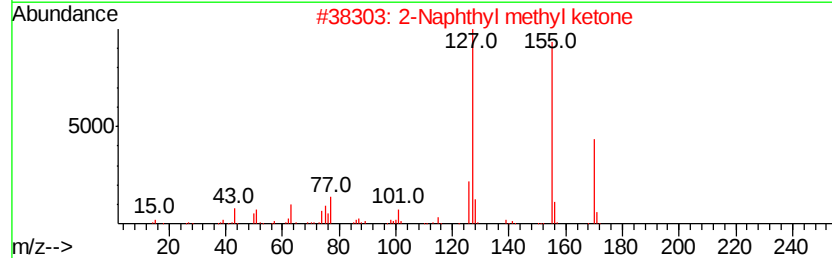
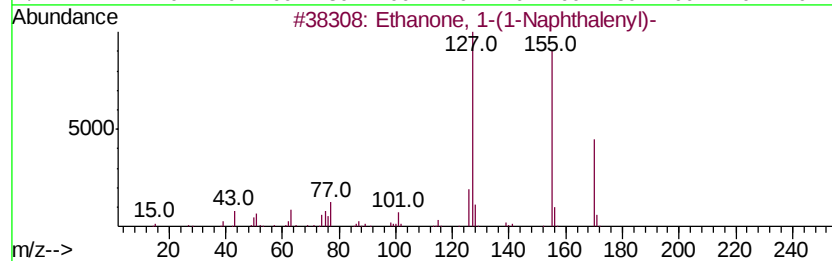
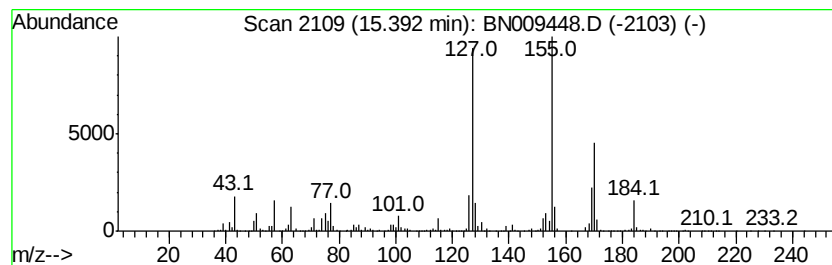
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Ethanone, 1-(1-Naphthalenyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	8.04 ng/ul	10220000	Acenaphthene-d10	14.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	97
2			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	96
3			Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	96
4			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	95
5			Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASP4

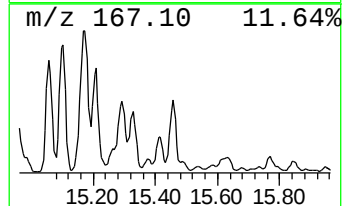
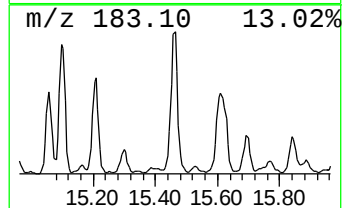
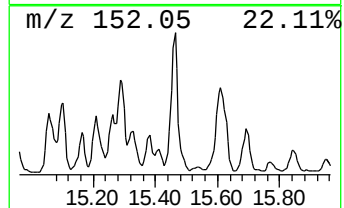
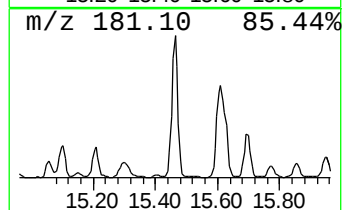
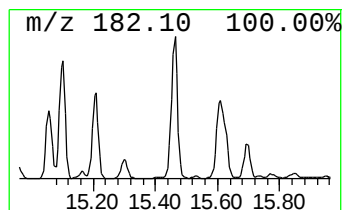
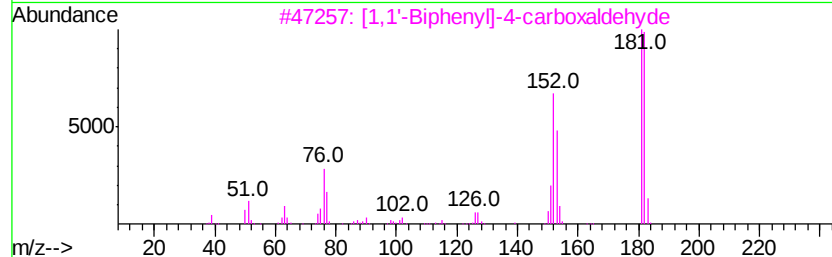
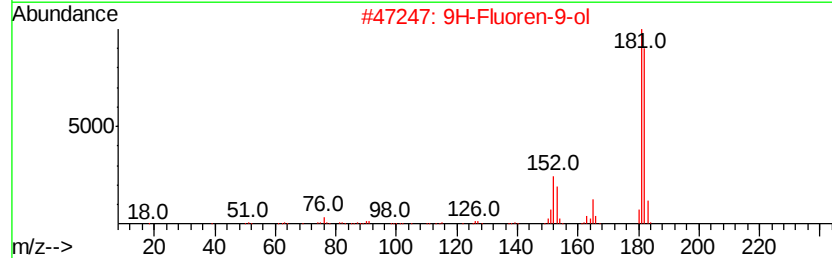
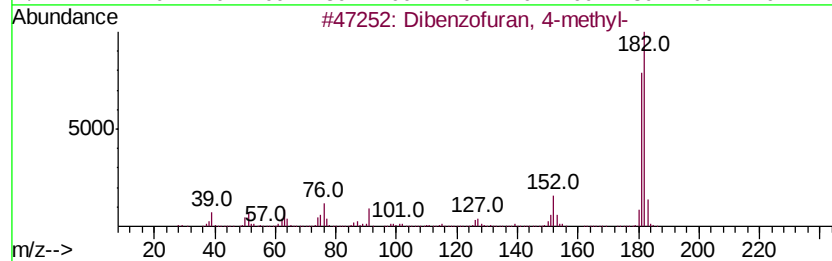
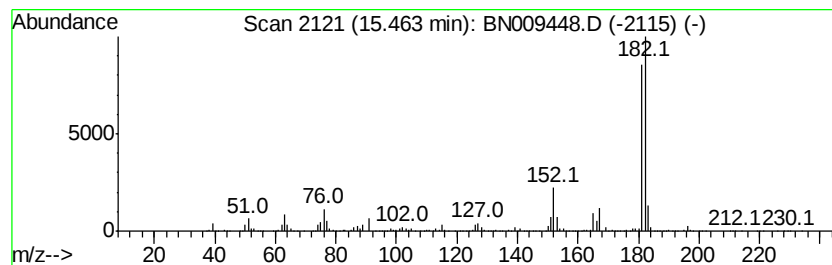
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Dibenzofuran, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	12.97 ng/ul	16472300	Acenaphthene-d10	14.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
4		2-Hydroxyfluorene	182	C13H10O	002443-58-5	68
5		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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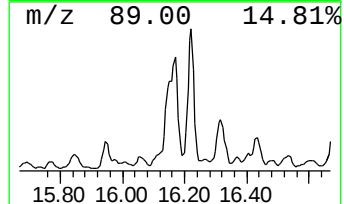
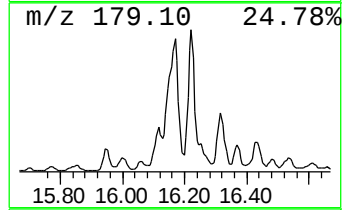
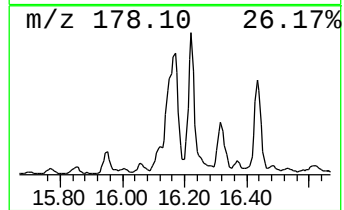
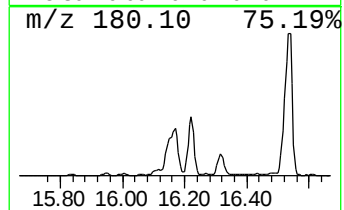
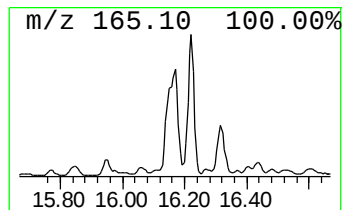
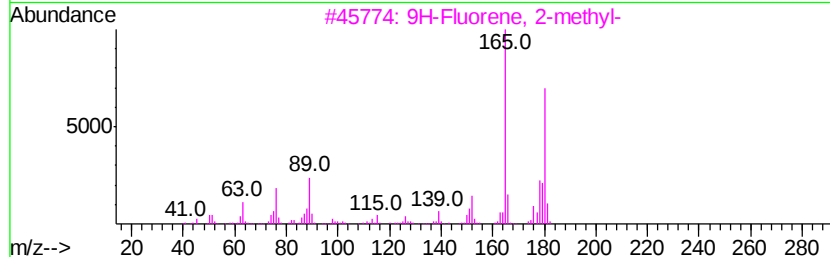
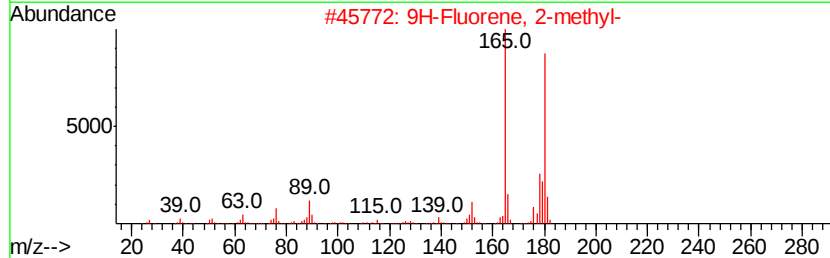
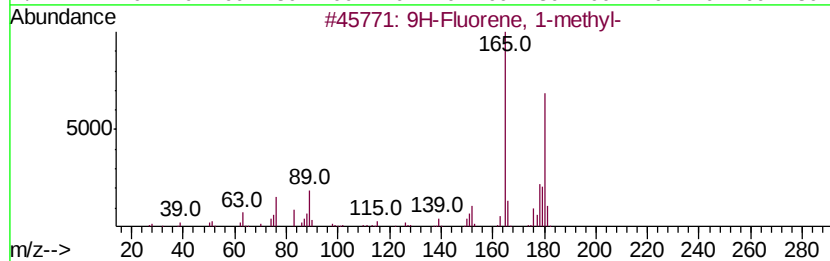
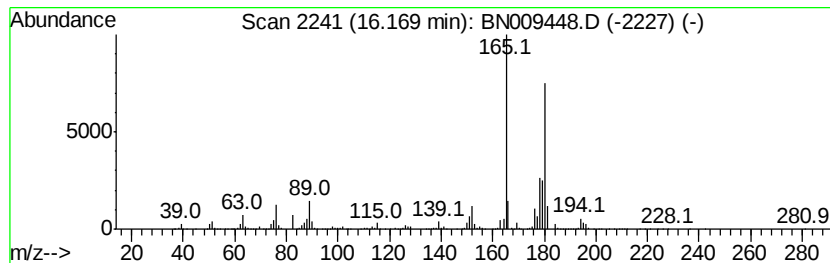
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 9H-Fluorene, 1-methyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.17	2.27 ng/ul	20714900	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASP4

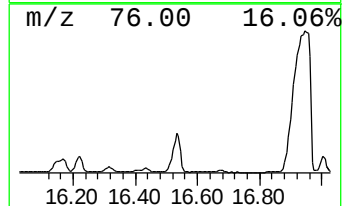
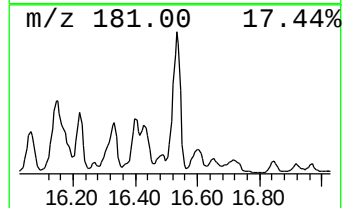
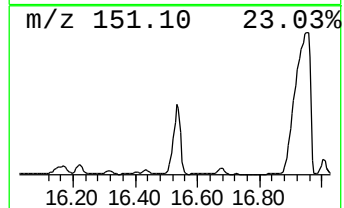
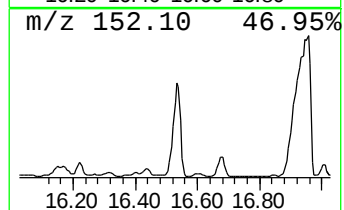
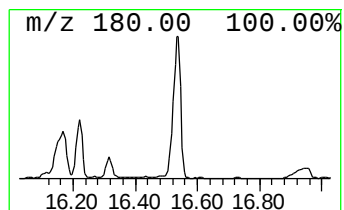
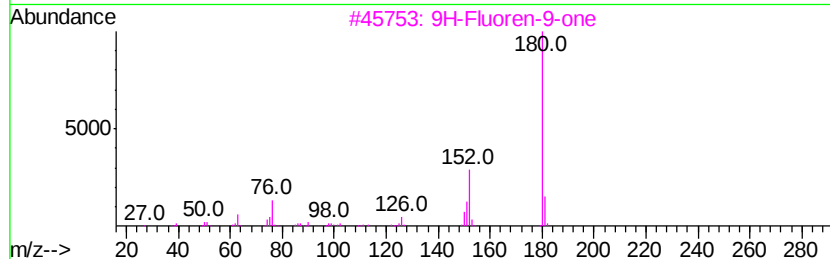
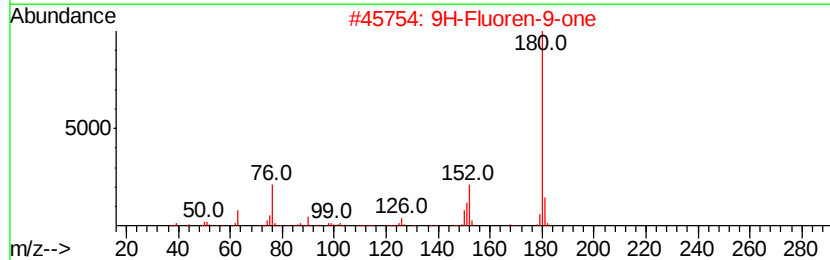
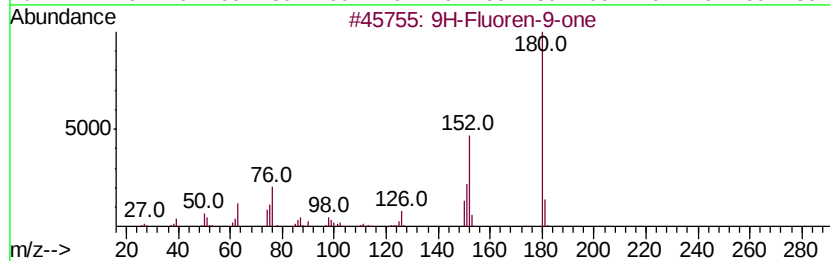
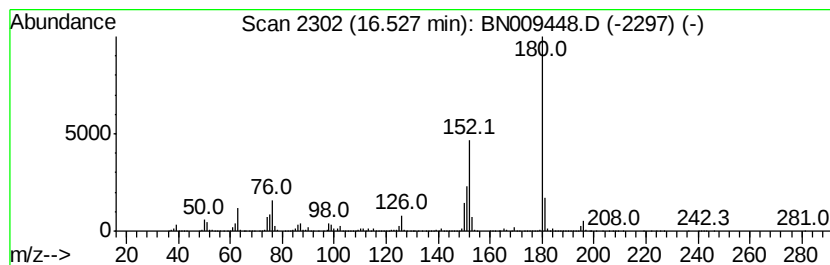
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 9H-Fluoren-9-one Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	2.38 ng/ul	21736400	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4		Benzo[ghi]cinnoline	180	C12H8N2	000230-31-9	91
5		9H-Fluoren-9-one	180	C13H8O	000486-25-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
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Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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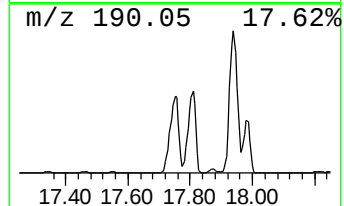
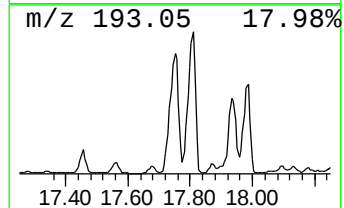
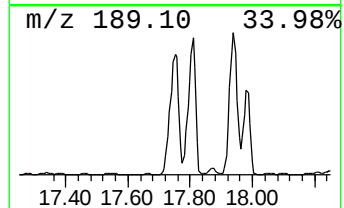
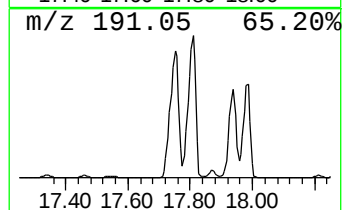
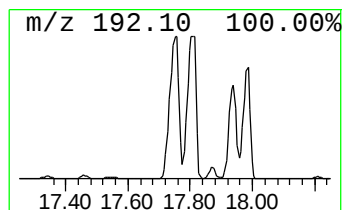
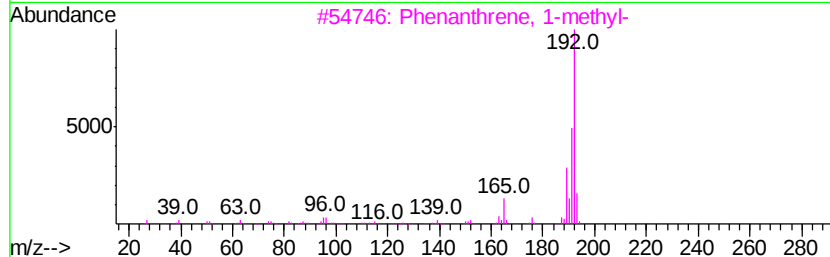
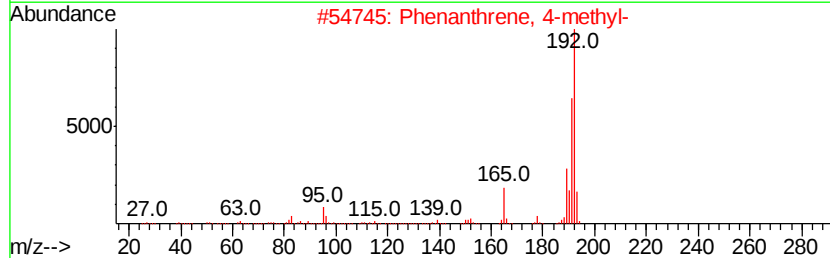
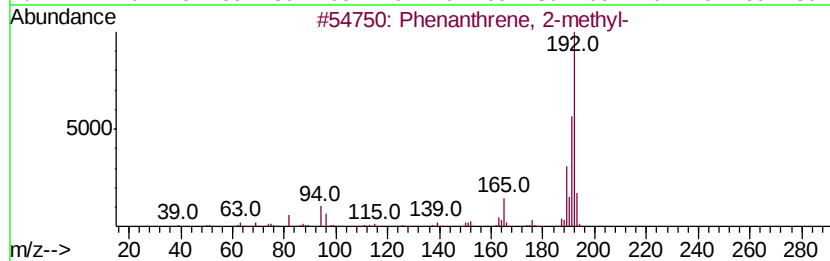
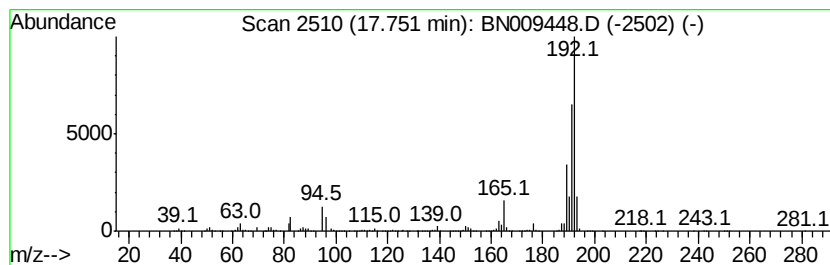
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Phenanthrene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	6.64 ng/ul	60536200	Phenanthrene-d10	16.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASP4

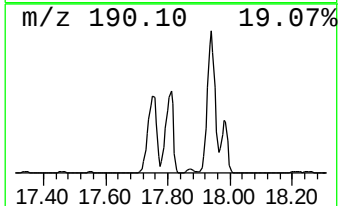
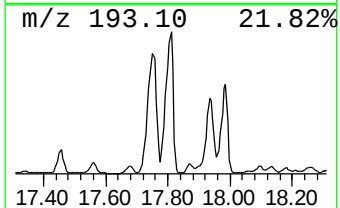
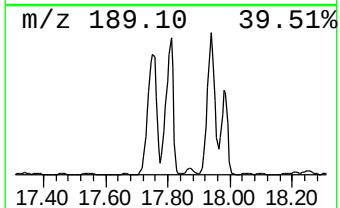
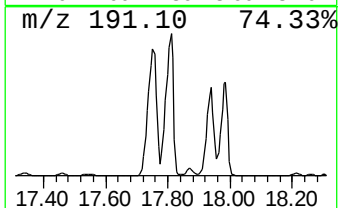
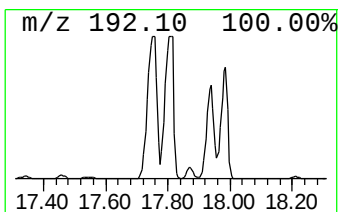
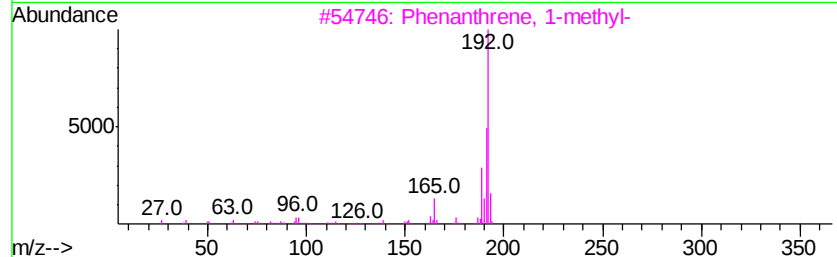
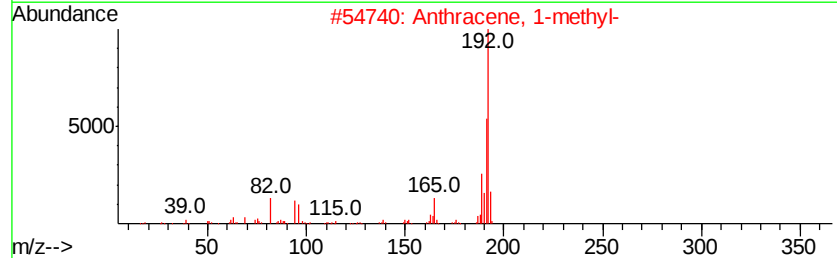
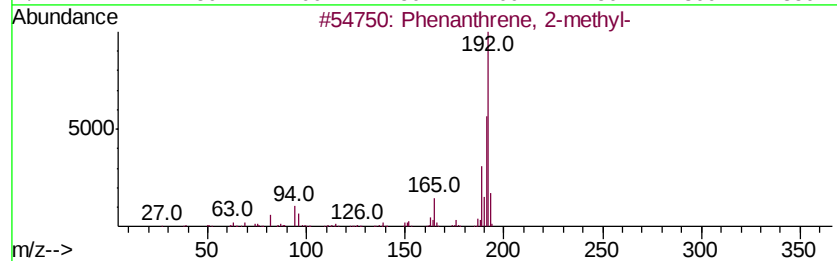
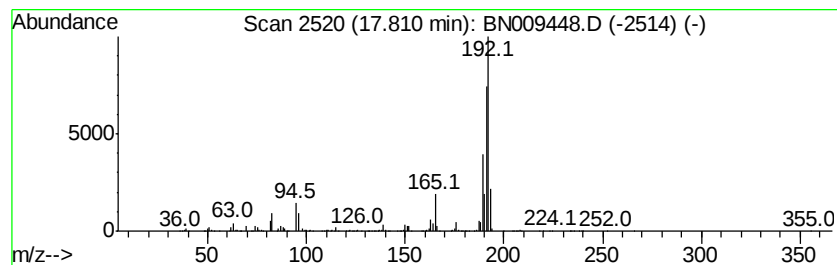
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Anthracene, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.81	6.53 ng/ul	59555500	Phenanthrene-d10	16.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92
5			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASP4

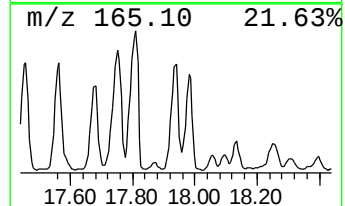
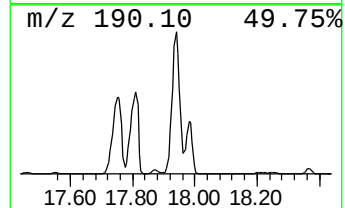
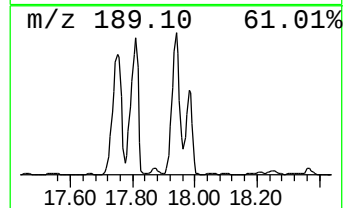
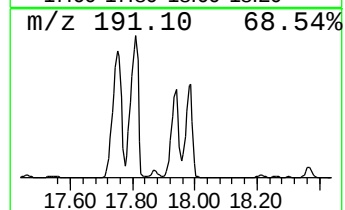
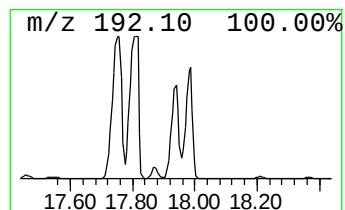
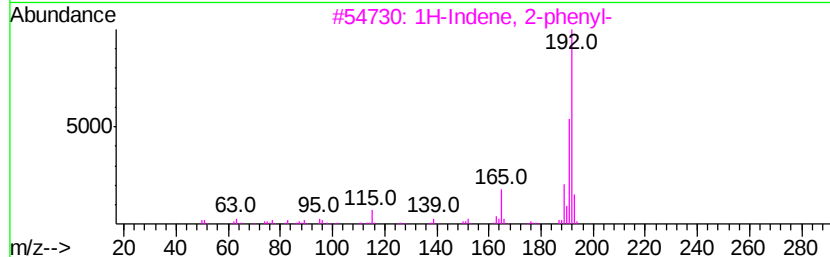
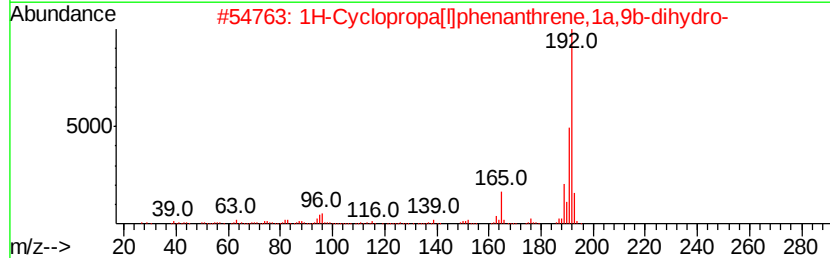
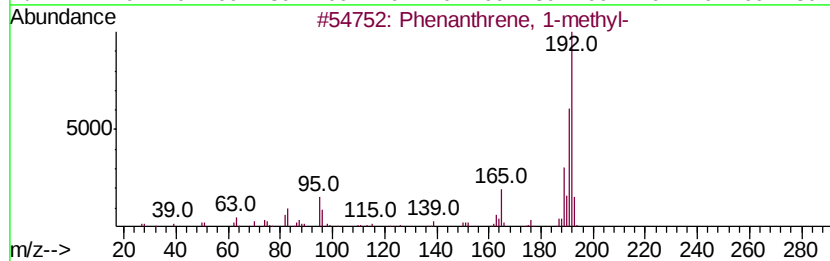
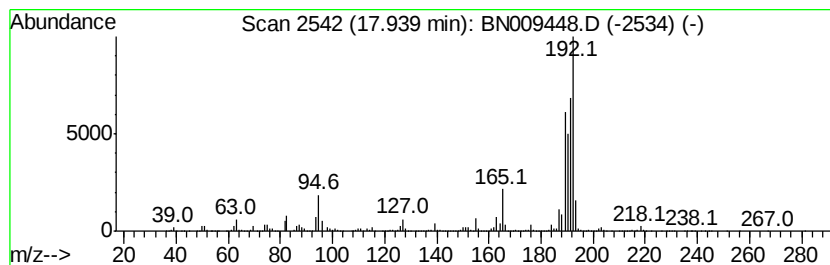
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Phenanthrene, 1-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	5.23 ng/ul	47700100	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	60
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASP4

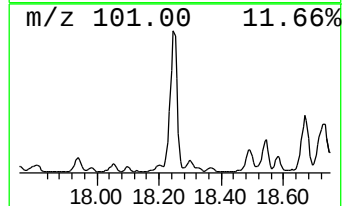
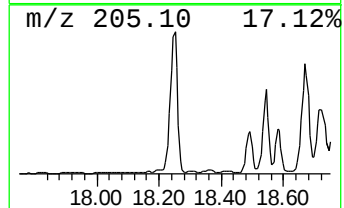
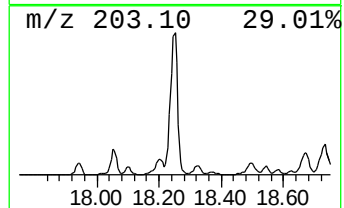
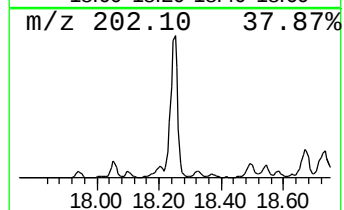
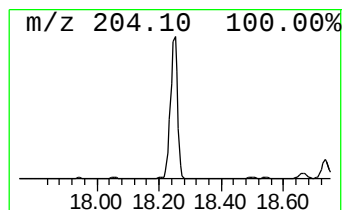
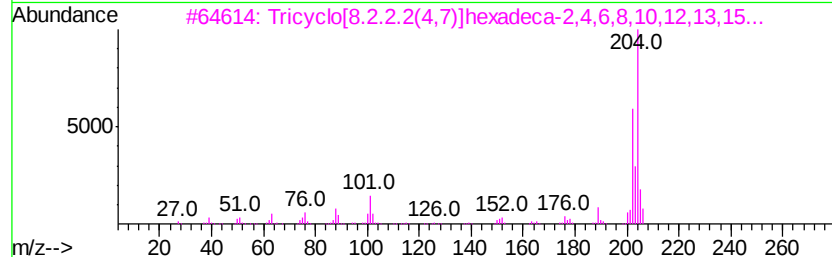
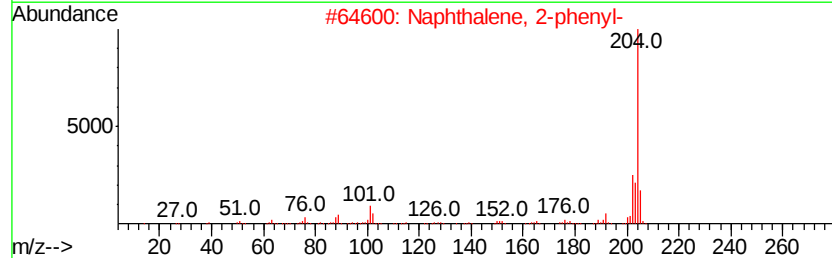
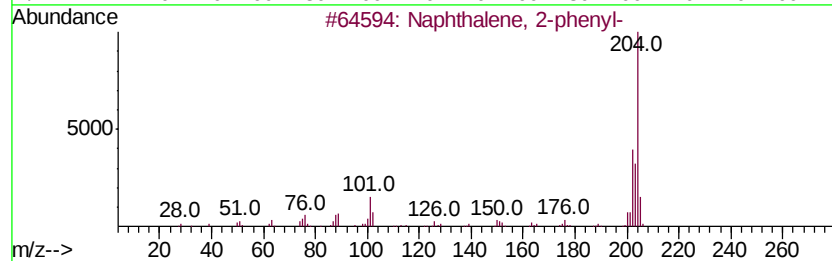
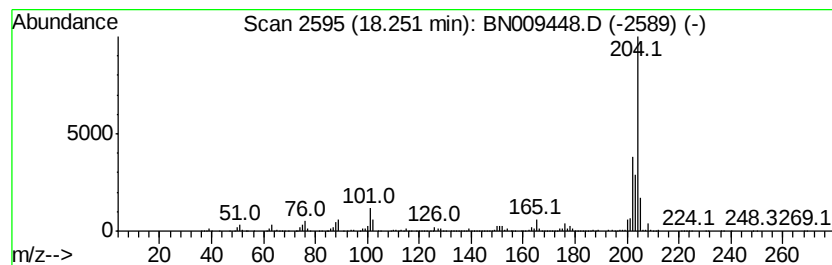
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Naphthalene, 2-phenyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.75 ng/ul	25075200	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASP4

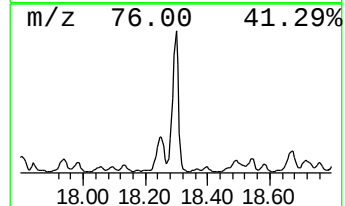
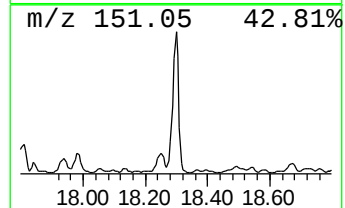
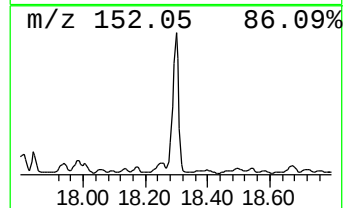
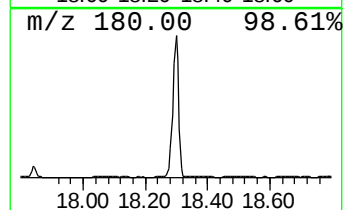
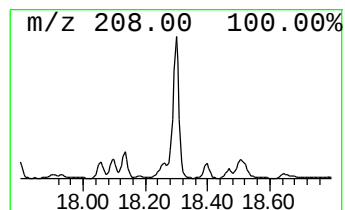
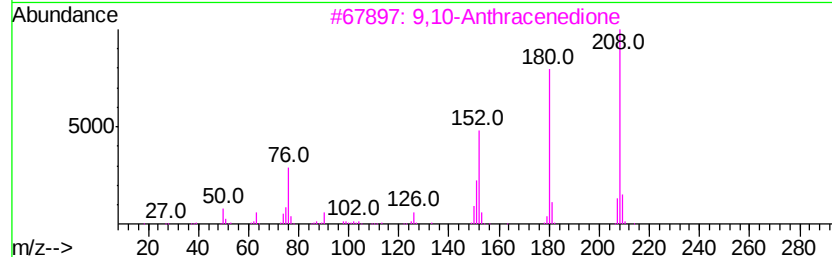
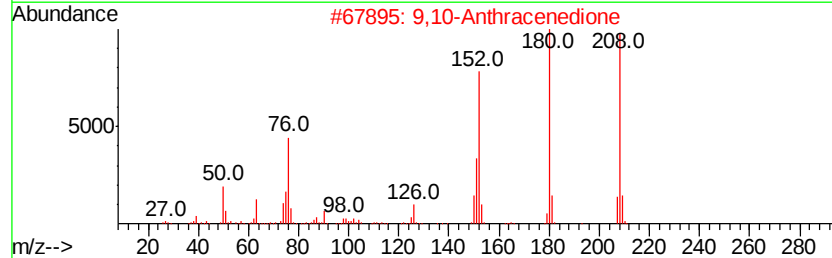
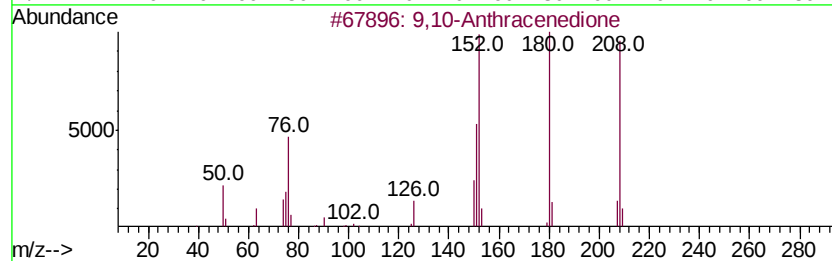
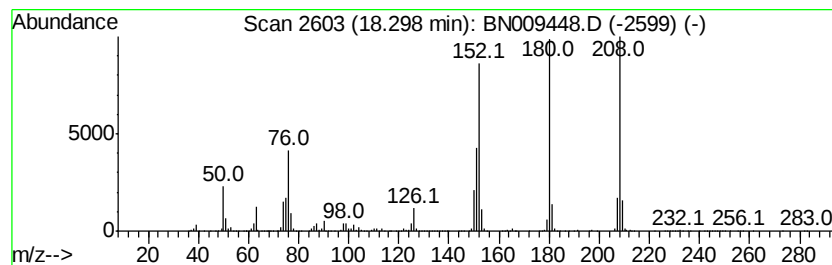
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 9,10-Anthracenedione Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.39 ng/ul	21767200	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
5		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
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Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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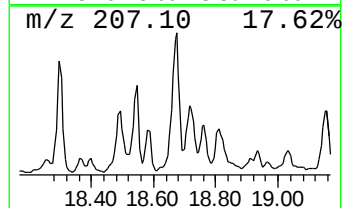
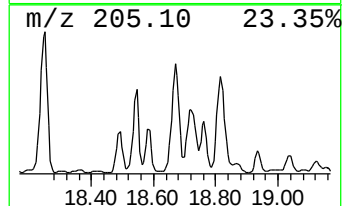
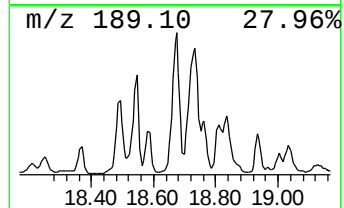
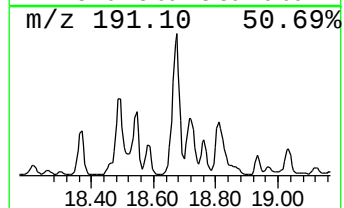
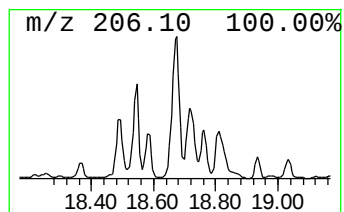
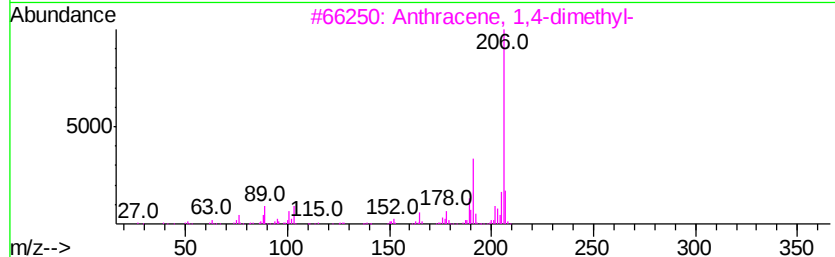
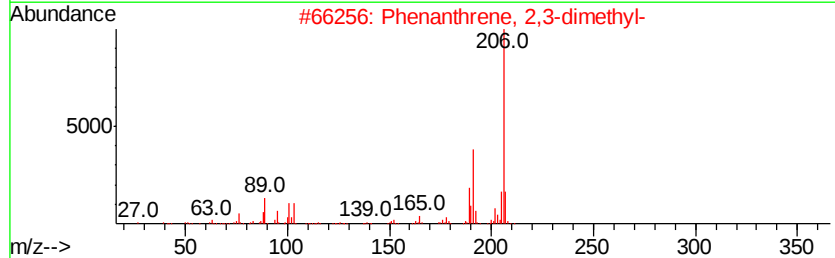
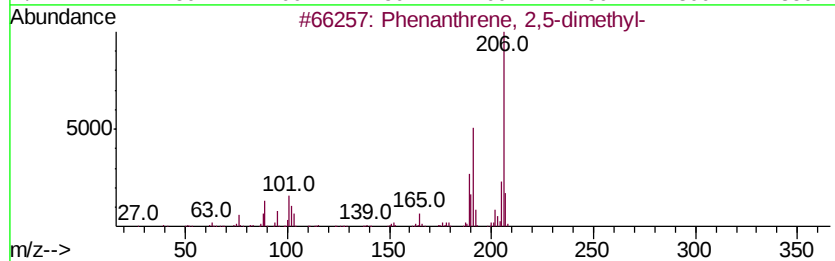
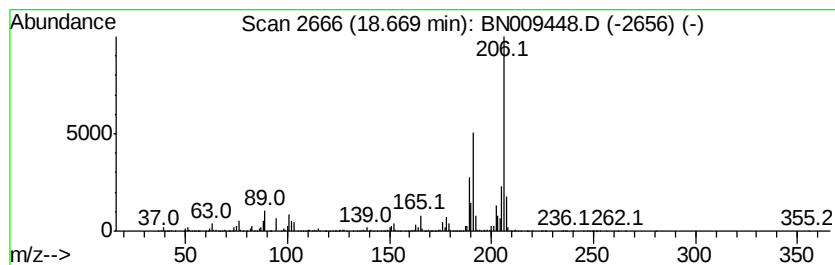
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Phenanthrene, 2,5-dimethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	2.25 ng/ul	20523000	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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BNA_N
ClientSampleId :
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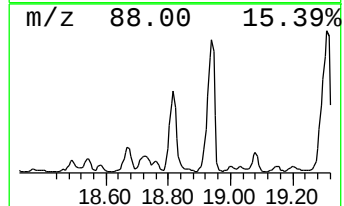
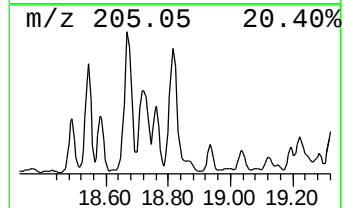
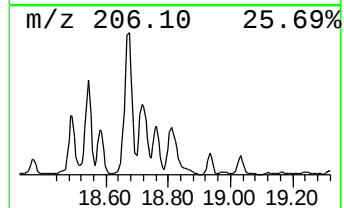
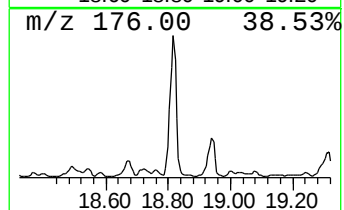
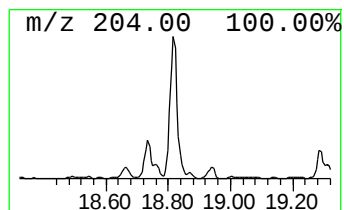
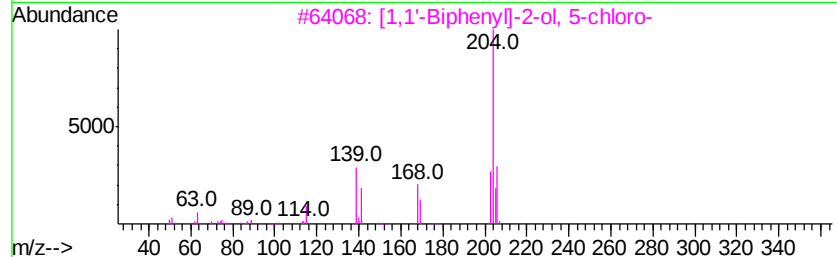
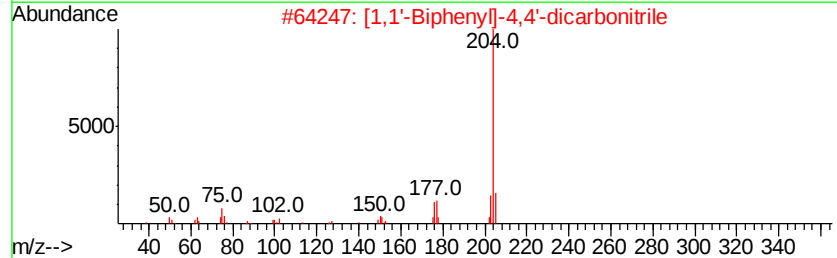
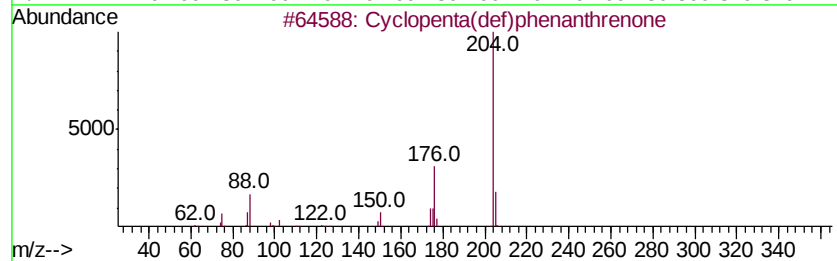
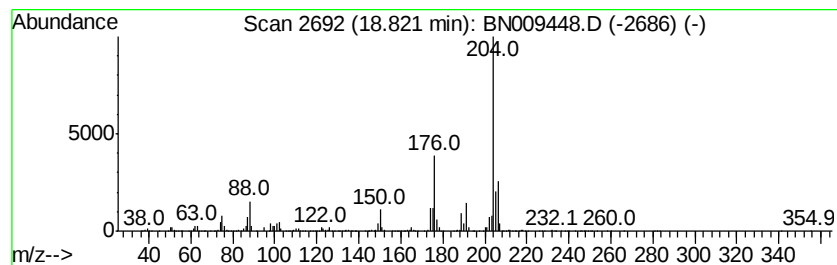
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 Cyclopenta(def)phenanthrenone Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	2.04 ng/ul	18585400	Phenanthrene-d10	16.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
3		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
4		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASP4

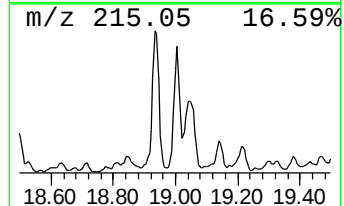
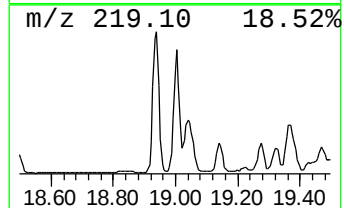
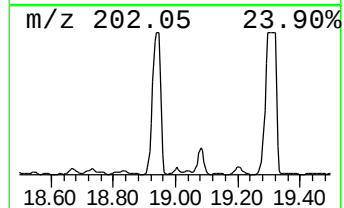
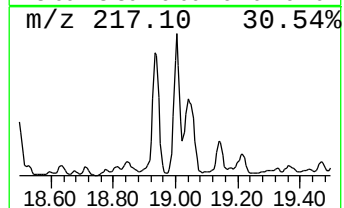
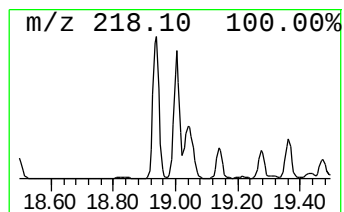
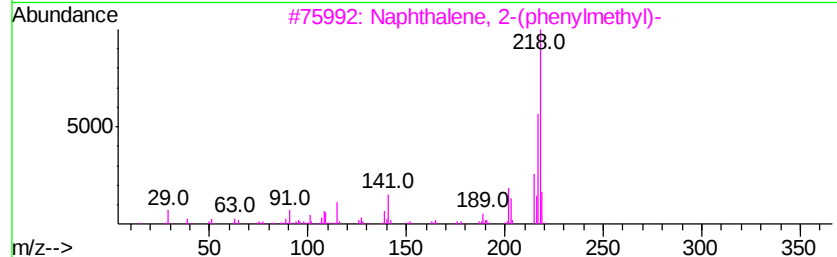
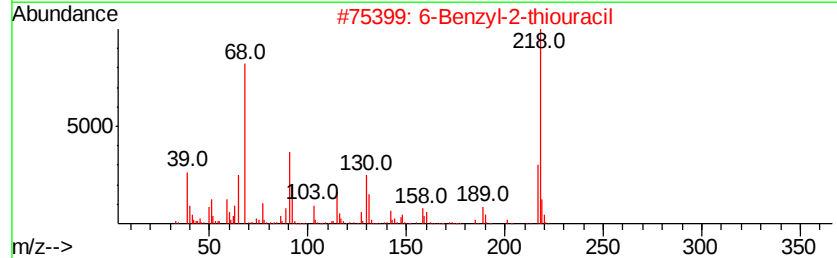
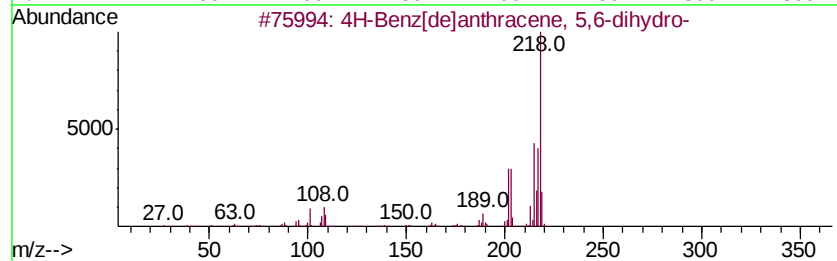
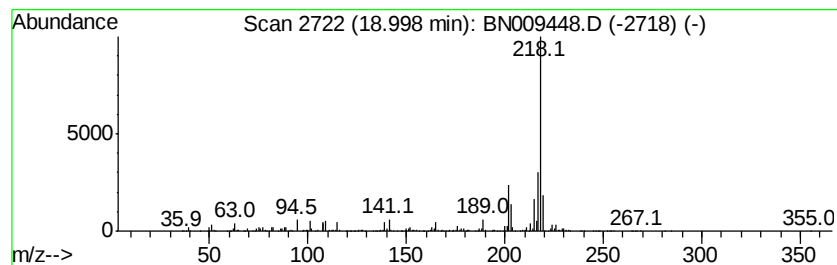
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 4H-Benz[de]anthracene, 5,6-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	5.82 ng/ul	7105570	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	72
2		6-Benzyl-2-thiouracil	218	C11H10N2OS	006336-50-1	52
3		Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	50
4		1H-Pyrrolo[3,4-c]quinoline-1,3,4...	218	C11H10N2O3	181021-85-2	50
5		Bis(2-hydroxyphenyl)sulfide	218	C12H10O2S	013693-59-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012820\
Data File : BN009448.D
Acq On : 28 Jan 2020 13:25
Operator : CG/JU
Sample : L1193-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASP4

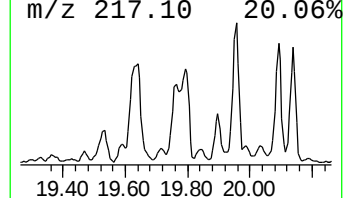
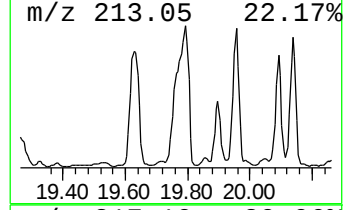
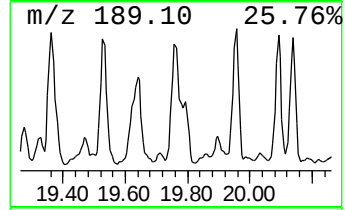
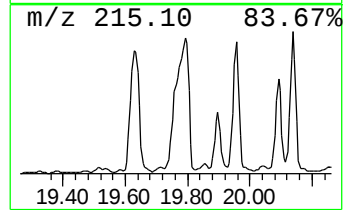
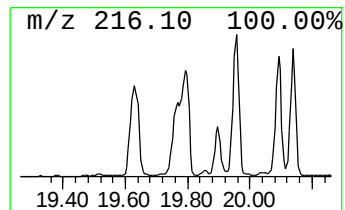
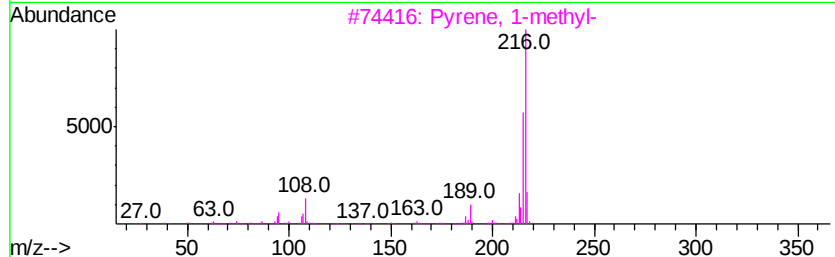
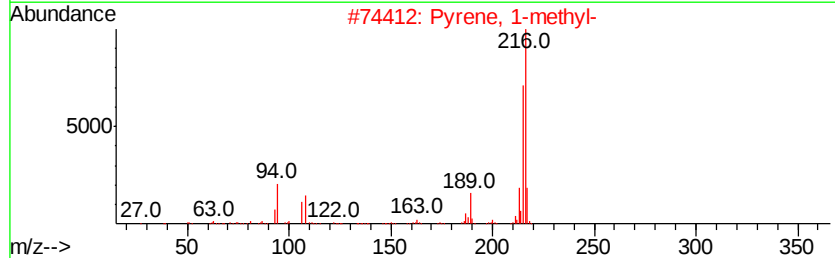
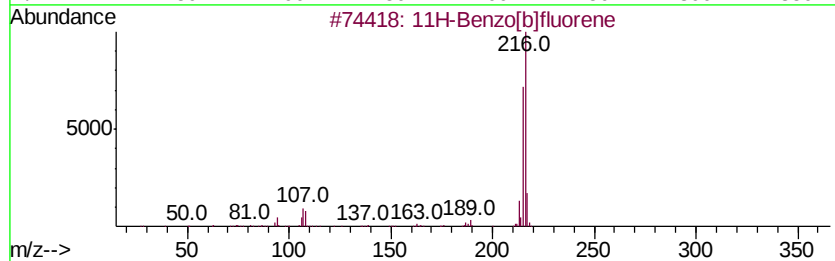
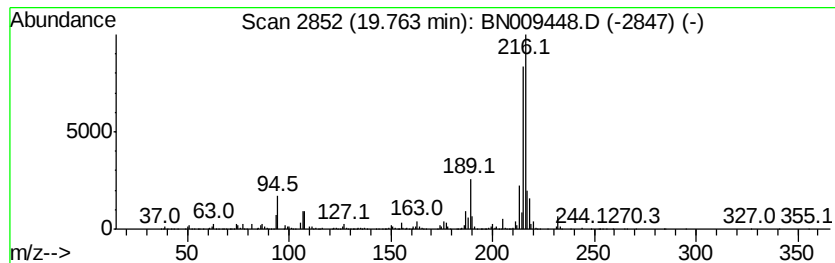
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 11H-Benzo[b]fluorene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	7.73 ng/ul	9436250	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN012820\
 Data File : BN009448.D
 Acq On : 28 Jan 2020 13:25
 Operator : CG/JU
 Sample : L1193-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GASP4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1H-Inden-1-one, 2...	11.67	23.4	ng/ul	5971700	2	10.21	5093560	20.0
(DEL) Alkane: Str...	11.72	20.1	ng/ul	5114650	2	10.21	5093560	20.0
3-Methylbenzothio...	11.79	21.1	ng/ul	5383990	2	10.21	5093560	20.0
Benzocycloheptatr...	11.97	1045.3	ng/ul	266214000	2	10.21	5093560	20.0
Bicyclo[4.4.1]und...	12.20	161.3	ng/ul	204927000	3	14.10	25407900	20.0
Benzo[b]thiophene...	13.07	3.8	ng/ul	4800610	3	14.10	25407900	20.0
Naphthalene, 1-et...	13.14	50.0	ng/ul	63584200	3	14.10	25407900	20.0
Naphthalene, 2,3-...	13.48	117.6	ng/ul	149409000	3	14.10	25407900	20.0
Naphthalene, 1,7-...	13.69	51.4	ng/ul	65290400	3	14.10	25407900	20.0
Naphthalene, 2,7-...	13.72	11.4	ng/ul	14541400	3	14.10	25407900	20.0
(DEL) Alkane: Str...	14.04	7.1	ng/ul	9015170	3	14.10	25407900	20.0
Naphthalene, 1,4,...	14.42	5.0	ng/ul	6324350	3	14.10	25407900	20.0
Naphthalene, 2,3,...	14.60	19.9	ng/ul	25318300	3	14.10	25407900	20.0
Naphthalene, 1,6,...	14.74	16.6	ng/ul	21082200	3	14.10	25407900	20.0
(DEL) Alkane: Str...	14.99	5.7	ng/ul	7234620	3	14.10	25407900	20.0
1,1'-Biphenyl, 3,...	15.06	9.1	ng/ul	11583600	3	14.10	25407900	20.0
1,1'-Biphenyl, 2-...	15.29	7.2	ng/ul	9107970	3	14.10	25407900	20.0
1,1'-Biphenyl, 4-...	15.32	3.9	ng/ul	4928340	3	14.10	25407900	20.0
Ethanone, 1-(1-Na...	15.39	8.0	ng/ul	10220000	3	14.10	25407900	20.0
Dibenzofuran, 4-m...	15.46	13.0	ng/ul	16472300	3	14.10	25407900	20.0
9H-Fluorene, 1-me...	16.17	2.3	ng/ul	20714900	4	16.87	182346000	20.0
9H-Fluoren-9-one	16.53	2.4	ng/ul	21736400	4	16.87	182346000	20.0
Phenanthrene, 2-m...	17.75	6.6	ng/ul	60536200	4	16.87	182346000	20.0
Anthracene, 1-met...	17.81	6.5	ng/ul	59555500	4	16.87	182346000	20.0
Phenanthrene, 1-m...	17.94	5.2	ng/ul	47700100	4	16.87	182346000	20.0
Naphthalene, 2-ph...	18.25	2.8	ng/ul	25075200	4	16.87	182346000	20.0
9,10-Anthracenedione	18.30	2.4	ng/ul	21767200	4	16.87	182346000	20.0
Phenanthrene, 2,5...	18.67	2.3	ng/ul	20523000	4	16.87	182346000	20.0
Cyclopenta(def)ph...	18.82	2.0	ng/ul	18585400	4	16.87	182346000	20.0
4H-Benz[de]anthra...	19.00	5.8	ng/ul	7105570	5	21.07	24412700	20.0
11H-Benzo[b]fluorene	19.76	7.7	ng/ul	9436250	5	21.07	24412700	20.0