

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005344.D
 Acq On : 27 Apr 2019 07:25
 Operator : JU/SJ
 Sample : K2456-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ0

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-BN041919MA.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	5.634	443	450	462	rBV	2281322	3689230	5.50%	0.334%
2	7.263	714	727	735	rBV	3492259	6443703	9.61%	0.584%
3	7.593	776	783	790	rBV	1690636	2698394	4.03%	0.245%
4	8.852	990	997	1009	rVV	1823340	3619670	5.40%	0.328%
5	9.940	1173	1182	1186	rVV	3342540	6332755	9.45%	0.574%
6	10.351	1246	1252	1261	rVV	2444584	4531187	6.76%	0.411%
7	11.551	1450	1456	1459	rBV2	1725074	3389118	5.06%	0.307%
8	11.687	1469	1479	1485	rBV2	1490316	3696592	5.51%	0.335%
9	11.881	1503	1512	1519	rVB	3691826	10569681	15.77%	0.958%
10	12.028	1532	1537	1545	rVB2	1370243	2717659	4.05%	0.246%
11	13.198	1731	1736	1741	rBV	2283562	4109381	6.13%	0.372%
12	13.469	1776	1782	1785	rBV	2723041	4451220	6.64%	0.403%
13	13.651	1808	1813	1815	rBV2	3859397	5758574	8.59%	0.522%
14	13.687	1815	1819	1824	rVV	17114193	26934956	40.18%	2.441%
15	13.957	1855	1865	1871	rBV2	18082949	32185085	48.02%	2.916%
16	14.157	1894	1899	1903	rBV	2257529	3171536	4.73%	0.287%
17	14.234	1904	1912	1916	rVV2	3342229	6004281	8.96%	0.544%
18	14.445	1944	1948	1957	rVB2	1839863	3464873	5.17%	0.314%
19	14.775	1999	2004	2009	rVB2	1865657	3186322	4.75%	0.289%
20	14.845	2009	2016	2021	rBV	10634479	17646293	26.33%	1.599%
21	14.892	2021	2024	2029	rVV	2879652	4526962	6.75%	0.410%
22	14.945	2029	2033	2039	rVB	3045240	4213626	6.29%	0.382%
23	15.004	2039	2043	2052	rBV	2846421	5516365	8.23%	0.500%
24	15.110	2056	2061	2067	rVB	7556214	10526625	15.70%	0.954%
25	15.234	2077	2082	2087	rVB	6088265	8851116	13.20%	0.802%
26	15.310	2088	2095	2103	rVV	2866963	5985632	8.93%	0.542%
27	15.410	2109	2112	2116	rVB	2237374	2708207	4.04%	0.245%
28	15.510	2121	2129	2136	rVV3	3758670	10079019	15.04%	0.913%
29	15.975	2202	2208	2211	rBV3	4425211	8714826	13.00%	0.790%
30	16.004	2211	2213	2217	rVB	2263008	2766640	4.13%	0.251%
31	16.286	2257	2261	2268	rBV3	1270714	2713128	4.05%	0.246%
32	16.351	2268	2272	2276	rBV4	1415316	2489655	3.71%	0.226%
33	16.569	2305	2309	2314	rVB	5074652	7331412	10.94%	0.664%
34	16.986	2376	2380	2384	rBV2	4210484	6189303	9.23%	0.561%

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 Title : SVOA CALIBRATION

35	17.033	2384	2388	2391	rVV	6202166	8720954	13.01%	0.790%
36	17.086	2392	2397	2399	rVV3	3357866	5715006	8.53%	0.518%
37	17.128	2399	2404	2408	rVB	12374065	18063309	26.95%	1.637%
38	17.180	2409	2413	2421	rBV5	1873088	4644304	6.93%	0.421%
39	17.516	2467	2470	2476	rVB	5102978	6180499	9.22%	0.560%
40	17.869	2526	2530	2534	rBV	6957625	9653017	14.40%	0.875%
41	17.922	2534	2539	2544	rVB	10008375	14534702	21.68%	1.317%
42	17.998	2548	2552	2557	rBV	5406690	7755811	11.57%	0.703%
43	18.063	2558	2563	2568	rBV3	10384878	21357576	31.86%	1.935%
44	18.104	2568	2570	2579	rVB	5910538	7585474	11.32%	0.687%
45	18.269	2595	2598	2602	rVB2	2425439	3156200	4.71%	0.286%
46	18.345	2607	2611	2614	rVV2	2921683	5605845	8.36%	0.508%
47	18.380	2614	2617	2621	rVB2	4353164	5618505	8.38%	0.509%
48	18.633	2656	2660	2663	rBV	3303442	4545189	6.78%	0.412%
49	18.680	2665	2668	2672	rVV	4799655	6373122	9.51%	0.577%
50	18.722	2672	2675	2679	rVB	3233771	4043412	6.03%	0.366%
51	18.810	2685	2690	2694	rBV2	10517624	17382837	25.93%	1.575%
52	18.863	2695	2699	2703	rVV4	6501632	11971652	17.86%	1.085%
53	18.904	2703	2706	2709	rVB	4756471	5648572	8.43%	0.512%
54	18.951	2709	2714	2721	rBV2	9156313	17500531	26.11%	1.586%
55	19.075	2730	2735	2740	rVB	21491382	30222368	45.09%	2.739%
56	19.145	2743	2747	2750	rBV	4344335	5822699	8.69%	0.528%
57	19.222	2757	2760	2765	rVB	5991731	8227073	12.27%	0.745%
58	19.345	2777	2781	2787	rVB	5059356	9502089	14.18%	0.861%
59	19.457	2789	2800	2806	rVV3	33280224	67030959	100.00%	6.074%
60	19.527	2807	2812	2817	rVB2	4035871	7300633	10.89%	0.662%
61	19.680	2835	2838	2844	rVB3	5020271	7491968	11.18%	0.679%
62	19.774	2849	2854	2864	rBV3	9623026	21827880	32.56%	1.978%
63	19.927	2872	2880	2882	rBV5	9731275	23806268	35.52%	2.157%
64	19.992	2887	2891	2893	rBV2	2961558	3708631	5.53%	0.336%
65	20.045	2896	2900	2905	rBV	5672440	7586262	11.32%	0.687%
66	20.110	2906	2911	2915	rVV	12820056	16707819	24.93%	1.514%
67	20.251	2930	2935	2939	rBV	13005791	18778907	28.02%	1.702%
68	20.298	2939	2943	2949	rVB	12018719	16618604	24.79%	1.506%
69	20.498	2974	2977	2980	rBV4	2425235	3099458	4.62%	0.281%
70	20.545	2982	2985	2989	rVV2	3352931	5129866	7.65%	0.465%
71	20.710	3010	3013	3019	rVB2	7106980	11621489	17.34%	1.053%

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 Title : SVOA CALIBRATION

72	20.792	3024	3027	3031	rBV	2617694	3063220	4.57%	0.278%
73	20.845	3032	3036	3044	rVV6	3461970	11282628	16.83%	1.022%
74	20.910	3044	3047	3050	rVV	7270872	8777495	13.09%	0.795%
75	20.951	3051	3054	3060	rVV2	5351518	9726815	14.51%	0.881%
76	21.010	3062	3064	3070	rVB	4400342	5981119	8.92%	0.542%
77	21.221	3095	3100	3104	rBV2	23097777	40935623	61.07%	3.709%
78	21.280	3106	3110	3115	rVB	23383449	33515023	50.00%	3.037%
79	21.410	3126	3132	3134	rBV3	4627136	7910472	11.80%	0.717%
80	21.445	3134	3138	3142	rVB	10097638	13376973	19.96%	1.212%
81	21.598	3161	3164	3168	rVB3	2226385	2700805	4.03%	0.245%
82	21.686	3176	3179	3183	rVB2	3198071	4318091	6.44%	0.391%
83	21.733	3183	3187	3190	rBV2	5486286	7489838	11.17%	0.679%
84	21.792	3190	3197	3201	rVV	15172787	24846849	37.07%	2.251%
85	21.839	3202	3205	3210	rVB	9413136	13260478	19.78%	1.202%
86	21.910	3212	3217	3220	rBV2	4924061	9233712	13.78%	0.837%
87	21.986	3226	3230	3232	rBV3	7213522	10043119	14.98%	0.910%
88	22.086	3243	3247	3252	rVB	5032231	7631305	11.38%	0.691%
89	22.380	3294	3297	3299	rBV2	2155717	2834135	4.23%	0.257%
90	22.810	3363	3370	3375	rBV	14688678	38107970	56.85%	3.453%
91	22.968	3392	3397	3402	rVB	6714225	10615947	15.84%	0.962%
92	23.274	3442	3449	3454	rBV	11915950	24462900	36.49%	2.217%
93	23.380	3459	3467	3473	rVB2	20124512	44214157	65.96%	4.006%
94	23.510	3484	3489	3497	rVB4	6046527	12500881	18.65%	1.133%
95	23.721	3518	3525	3528	rBV2	2534787	6673466	9.96%	0.605%
96	24.180	3599	3603	3609	rBV	1727212	4025127	6.00%	0.365%
97	24.310	3620	3625	3631	rBV2	3134044	6363204	9.49%	0.577%
98	25.674	3847	3857	3865	rVB	8633957	26334486	39.29%	2.386%
99	25.915	3891	3898	3905	rVB	2942032	7226531	10.78%	0.655%
100	26.351	3963	3972	3987	rVB	5664663	18399659	27.45%	1.667%

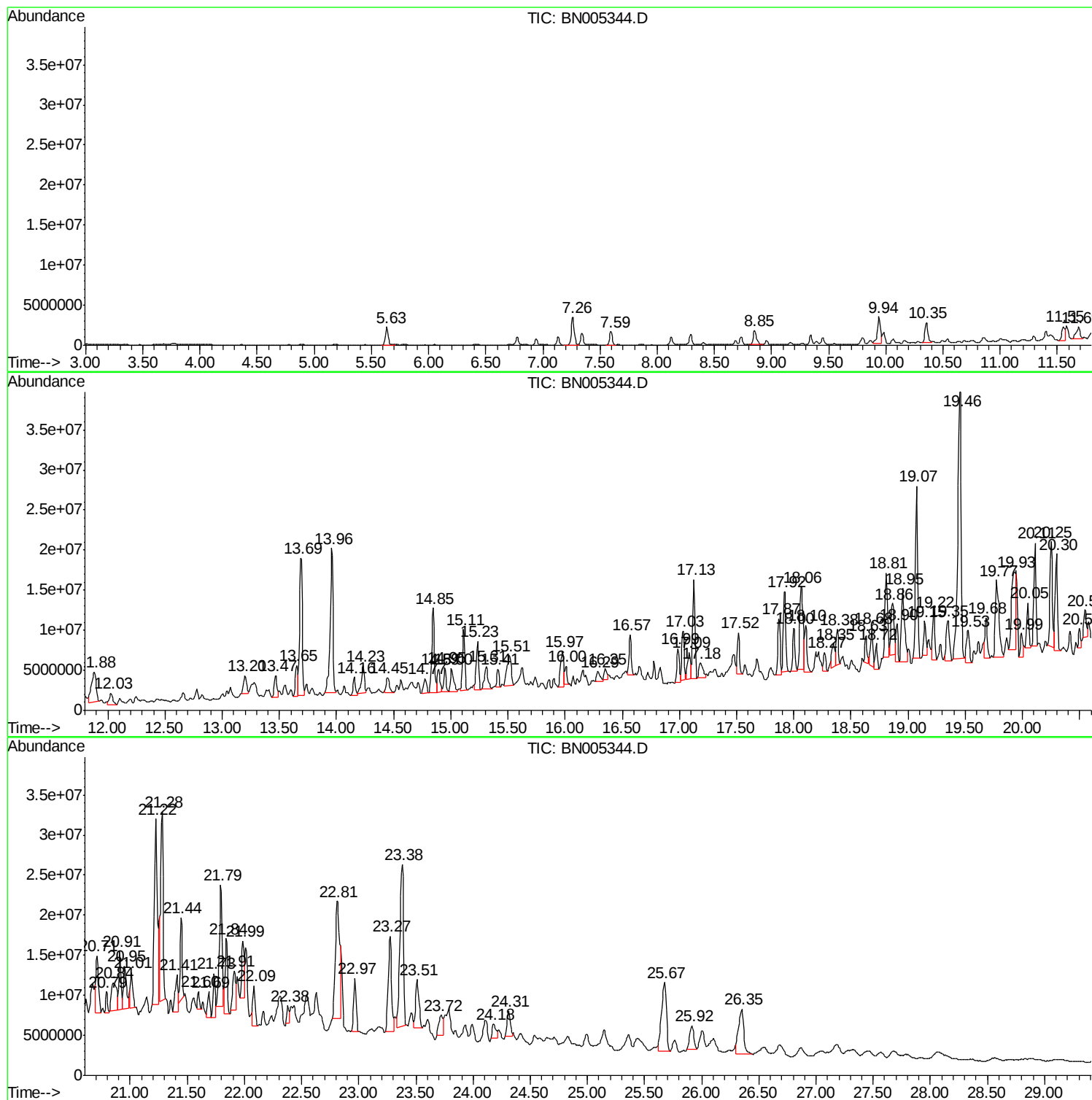
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Instrument :
BNA_N
ClientSampled :
GAHQ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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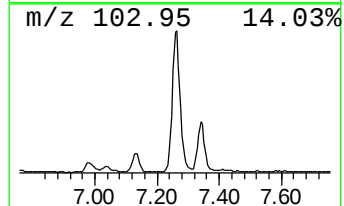
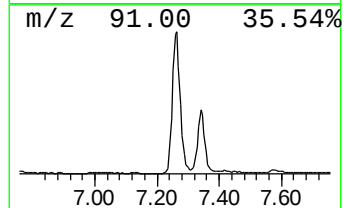
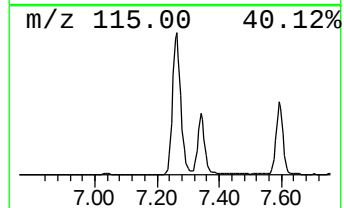
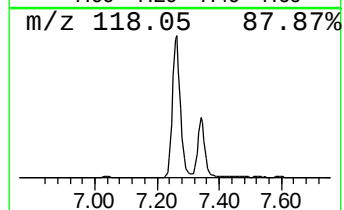
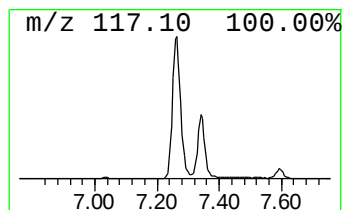
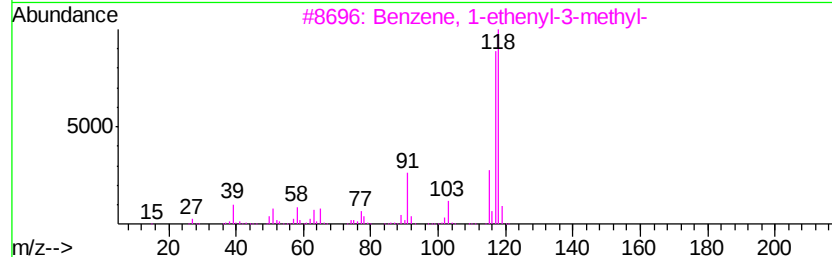
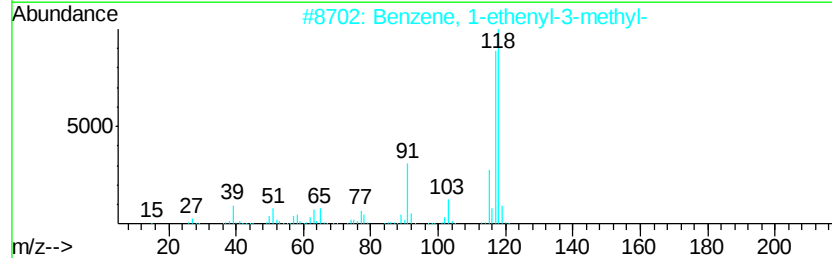
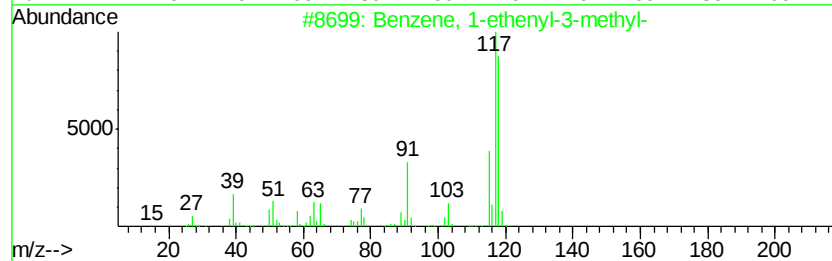
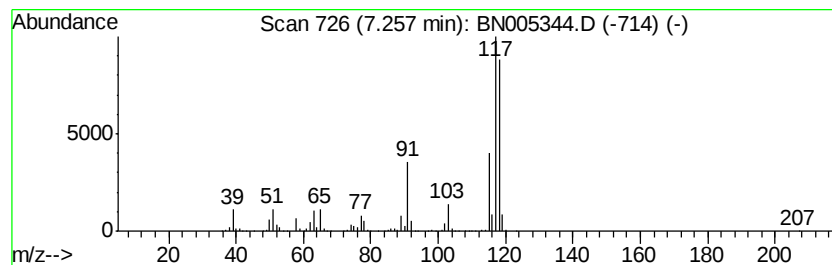
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	47.76 ng/ul	6443700	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5		Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93



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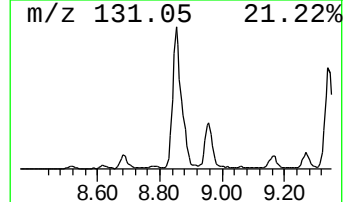
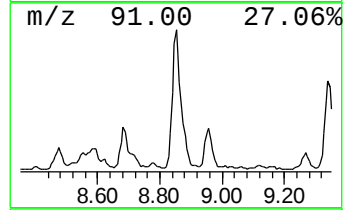
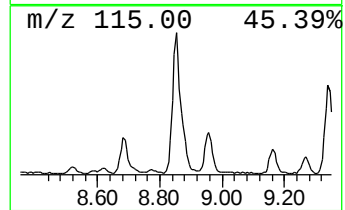
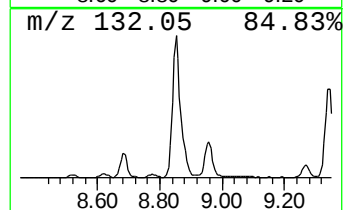
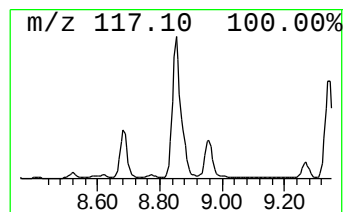
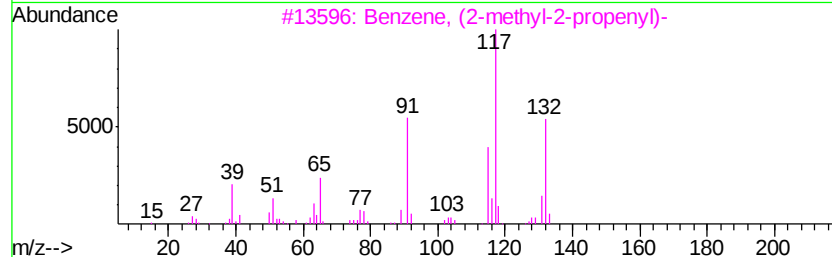
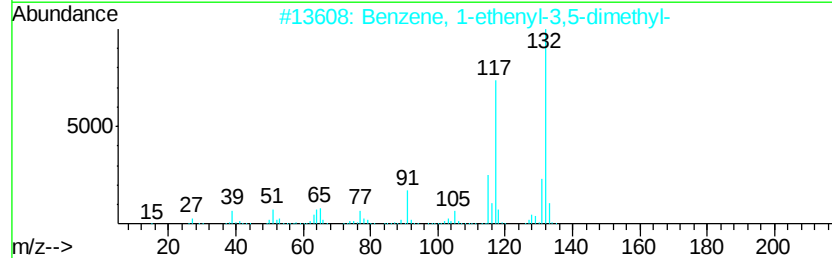
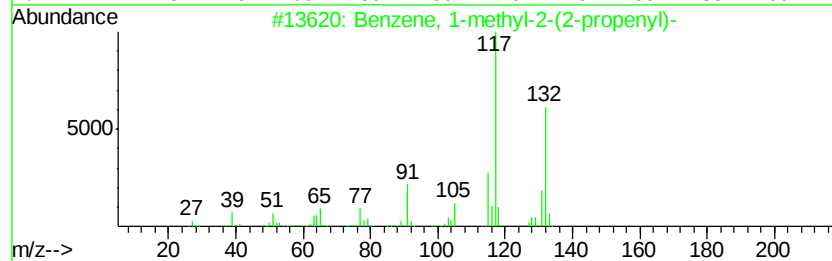
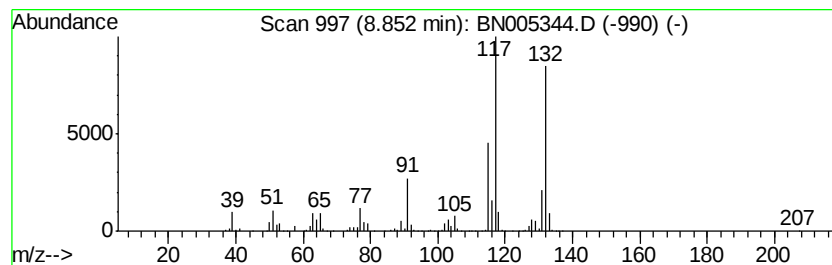
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-methyl-2-(2-prop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	26.83 ng/ul	3619670	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
2		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
3		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
5		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95



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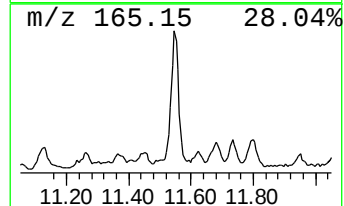
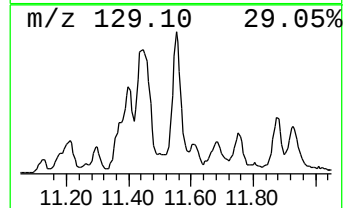
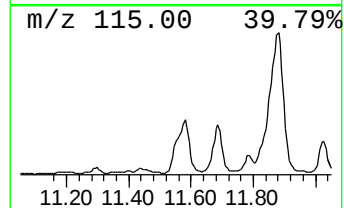
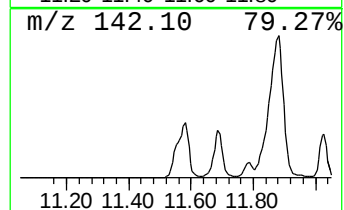
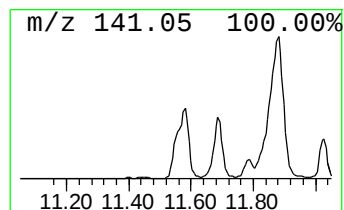
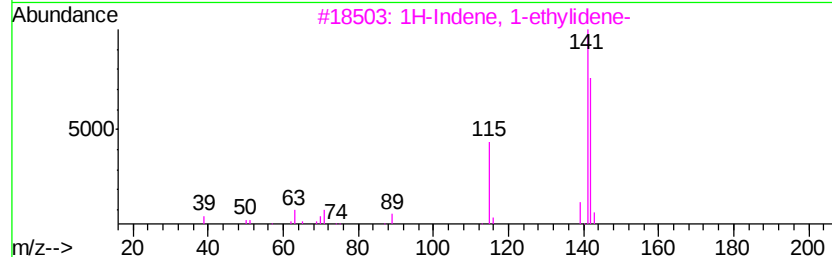
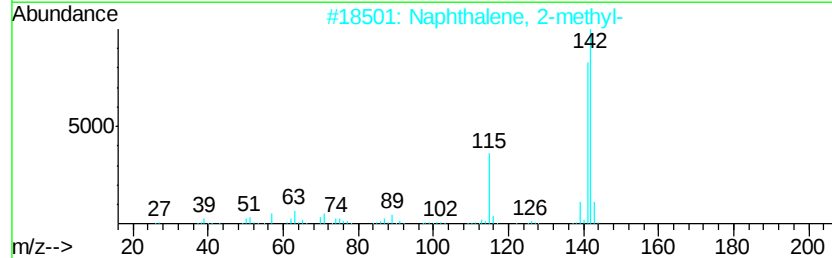
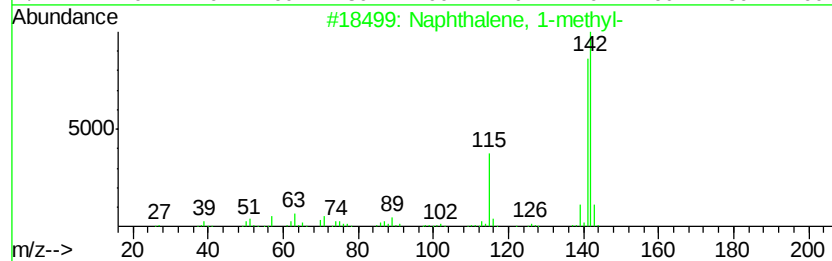
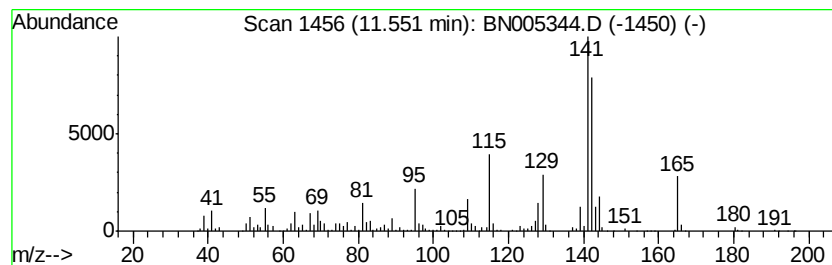
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1H-Indene, 1-ethylidene- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	14.96 ng/ul	3389120	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
3		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86
4		Benzocycloheptatriene	142	C11H10	000264-09-5	86
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	86



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Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
Operator : JU/SJ
Sample : K2456-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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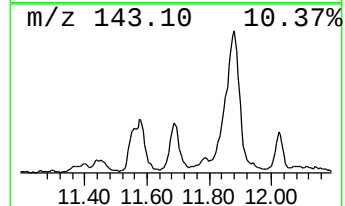
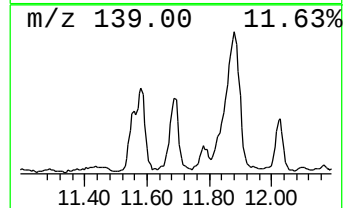
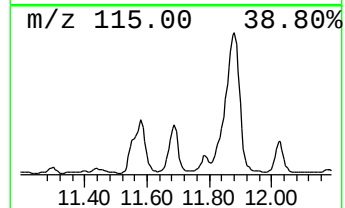
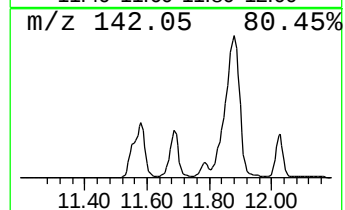
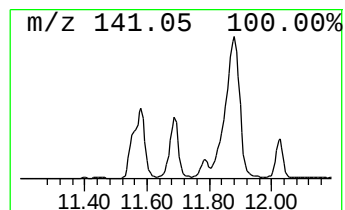
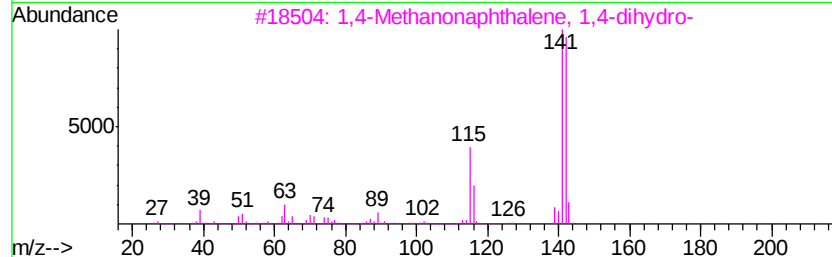
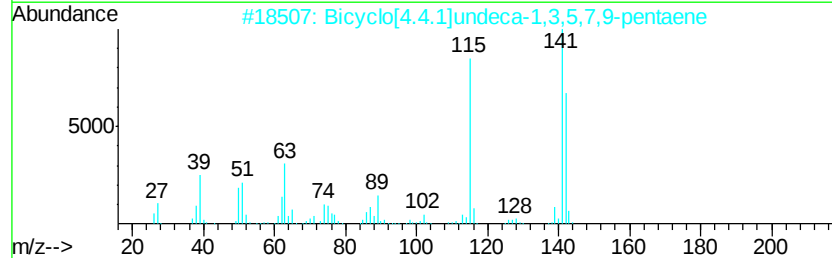
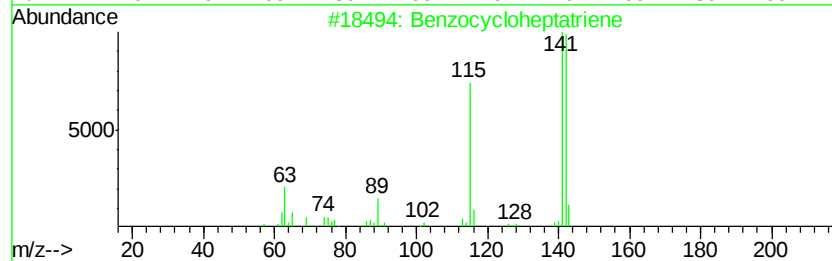
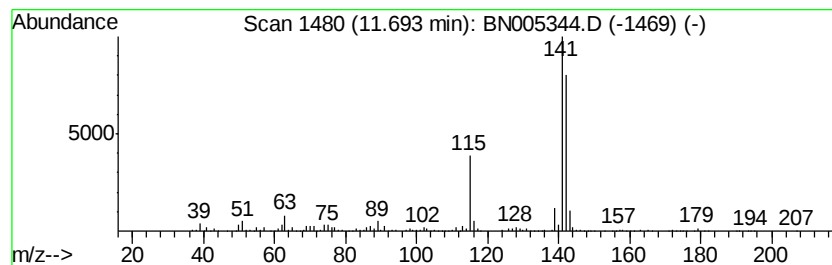
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzocycloheptatriene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	16.32 ng/ul	3696590	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzocycloheptatriene	142	C11H10	000264-09-5	94
2		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	94
3		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	94
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
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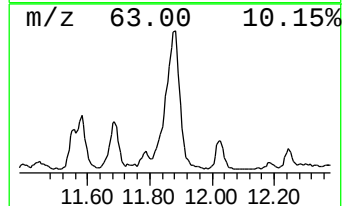
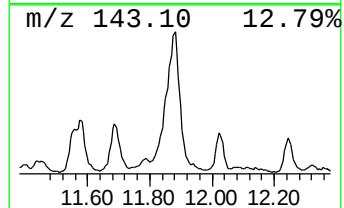
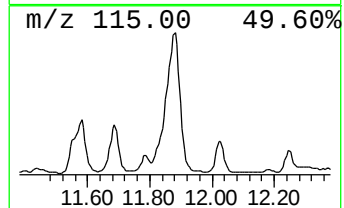
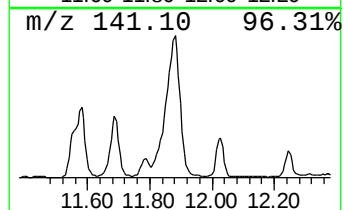
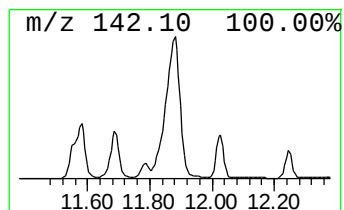
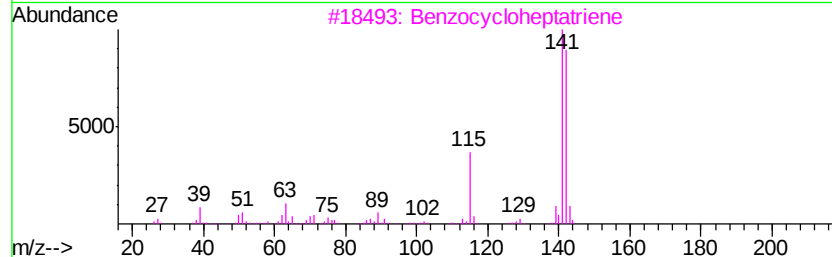
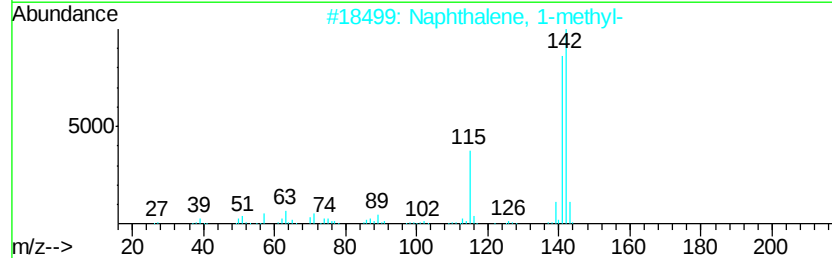
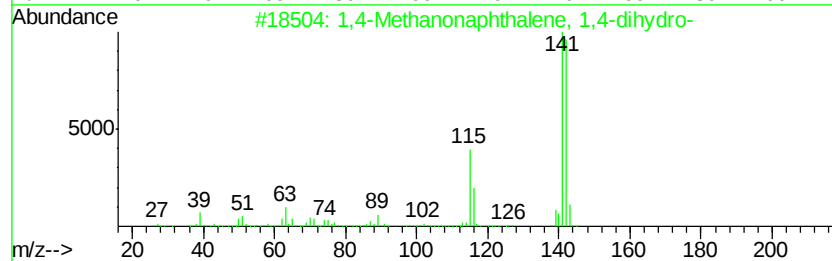
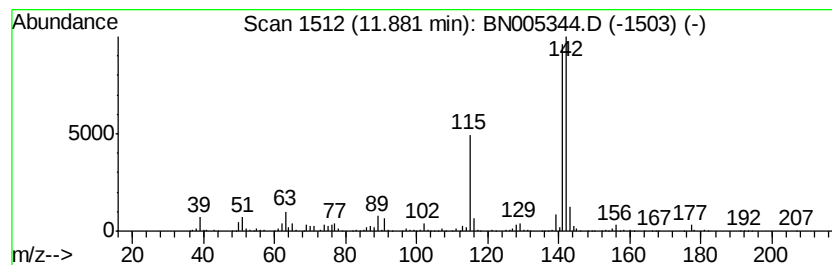
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1,4-Methanonaphthalene, 1,4... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	46.65 ng/ul	10569700	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
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Sample : K2456-12
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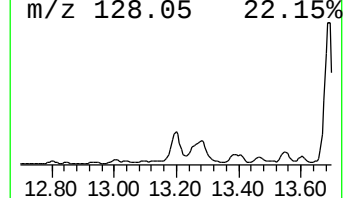
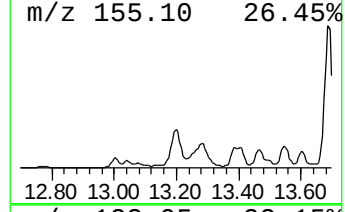
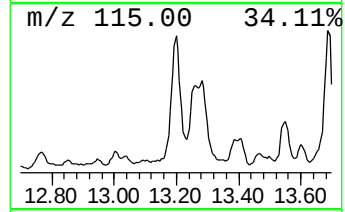
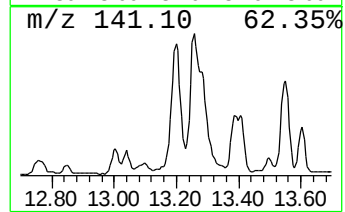
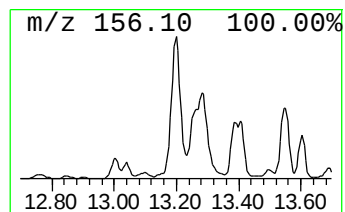
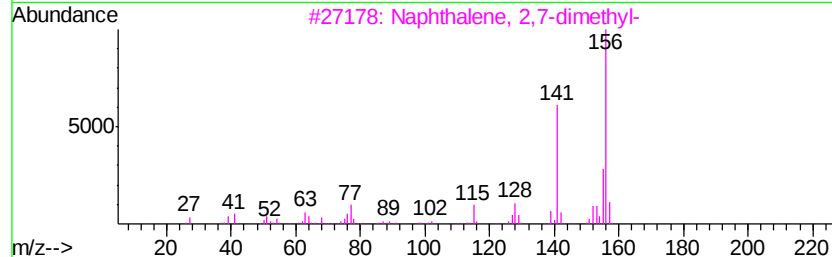
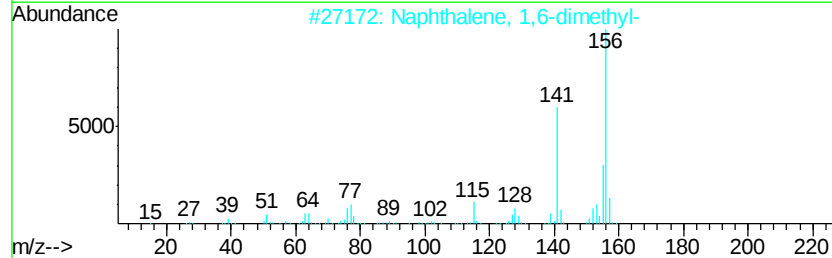
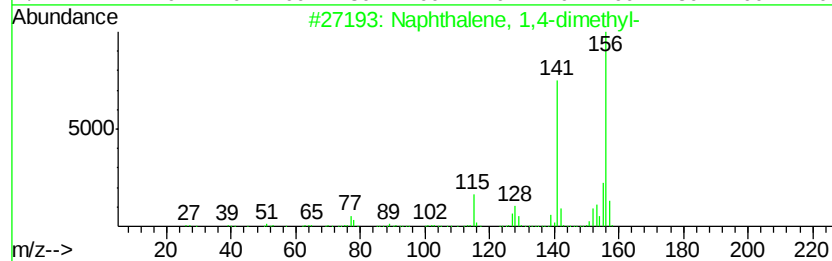
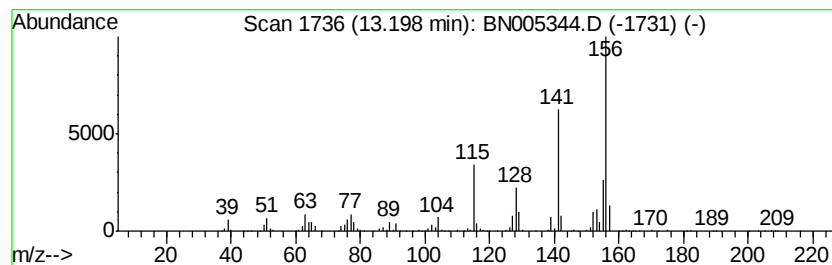
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	13.69 ng/ul	4109380	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
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Instrument :
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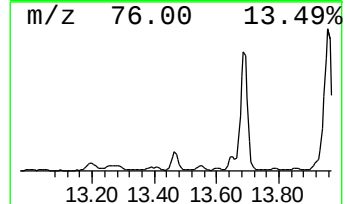
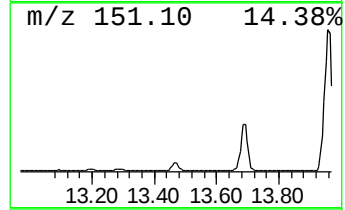
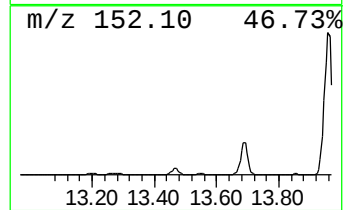
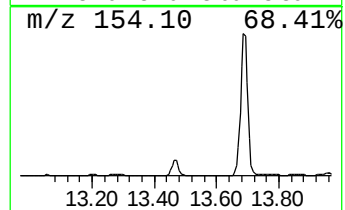
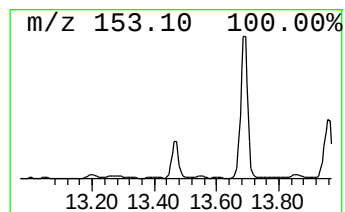
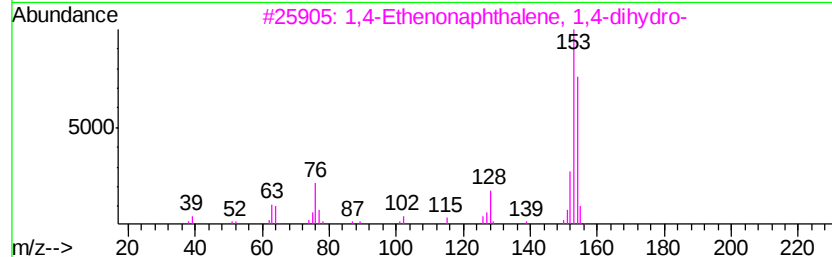
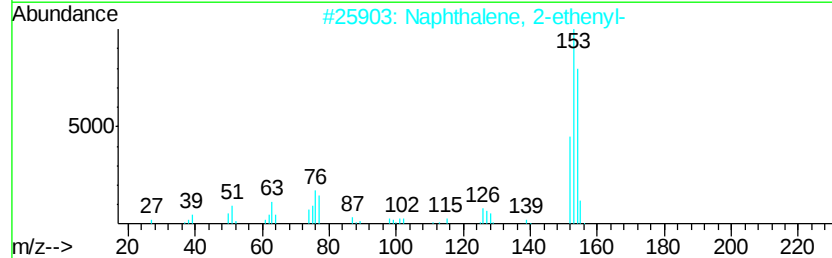
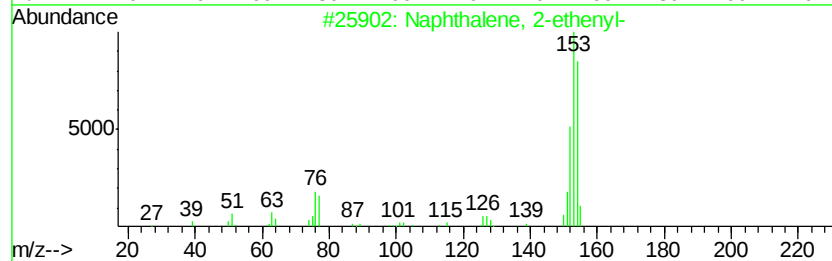
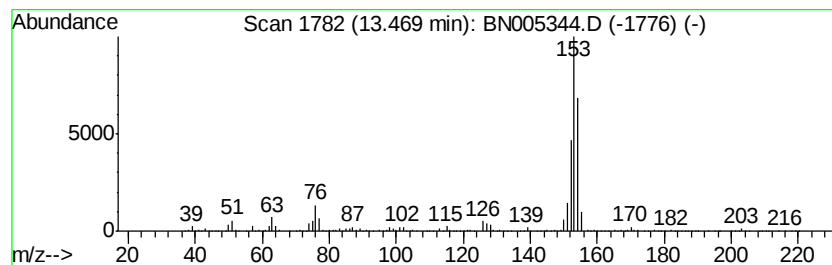
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2-ethenyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	14.83 ng/ul	4451220	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	89
2		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	86
3		1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	64
4		.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	64
5		Acenaphthene	154	C12H10	000083-32-9	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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Acq On : 27 Apr 2019 07:25
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ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
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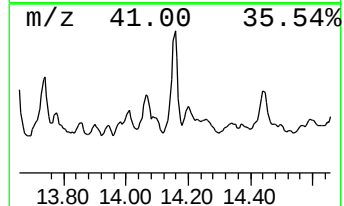
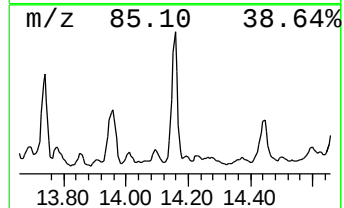
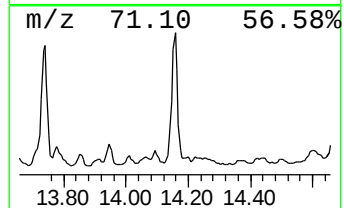
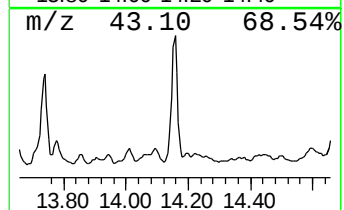
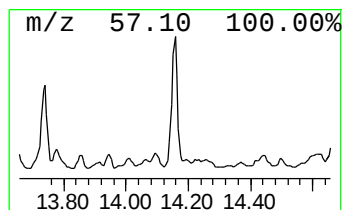
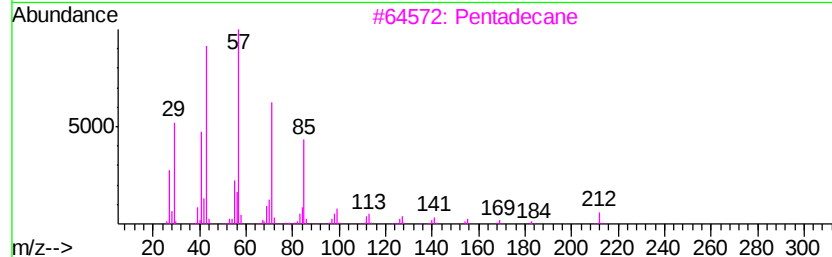
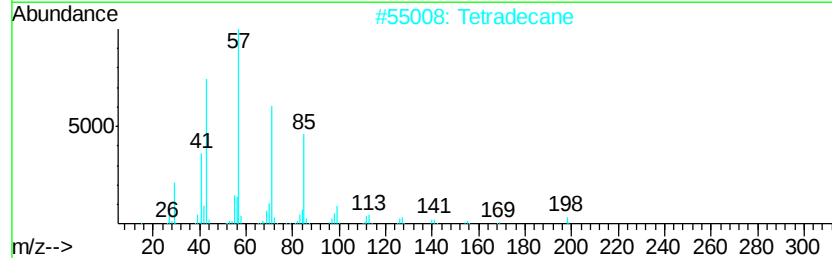
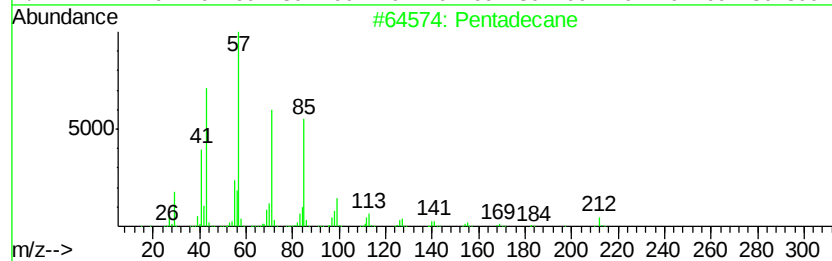
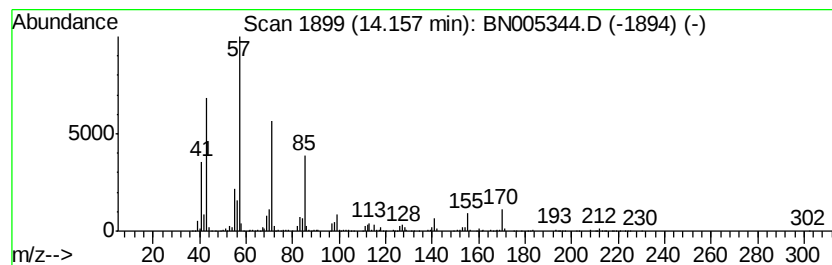
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	10.56 ng/ul	3171540	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	95
2		Tetradecane	198	C14H30	000629-59-4	80
3		Pentadecane	212	C15H32	000629-62-9	80
4		Tridecane	184	C13H28	000629-50-5	80
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



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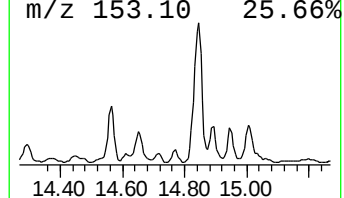
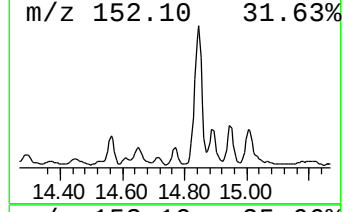
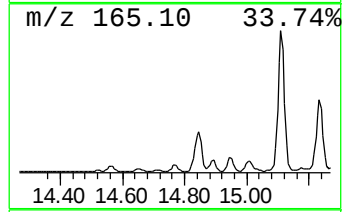
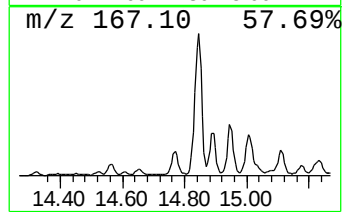
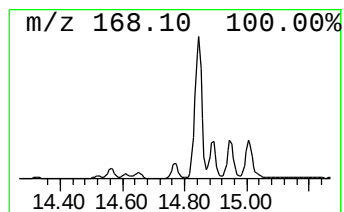
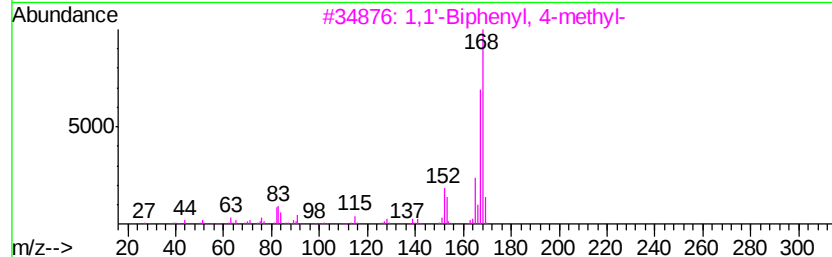
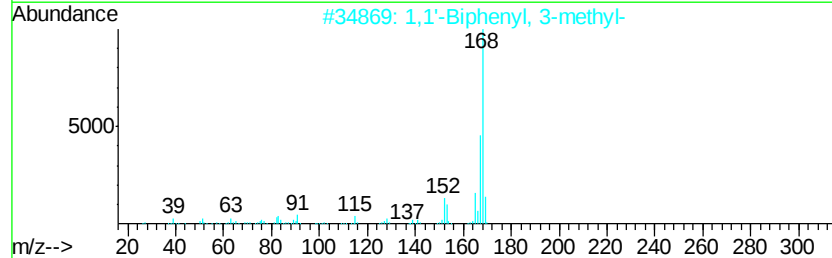
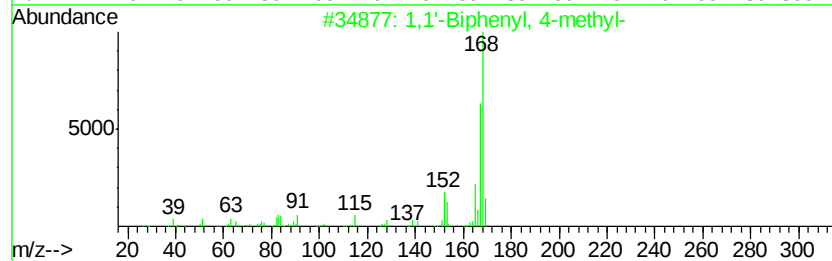
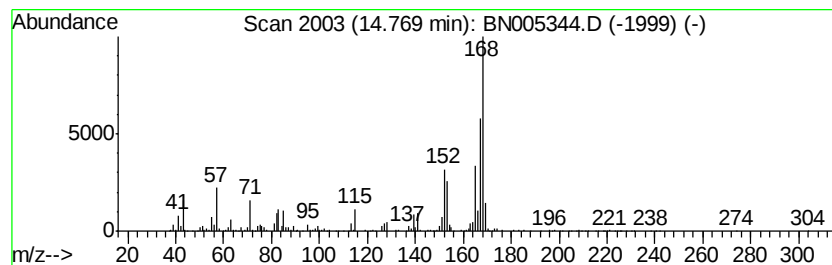
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1,1'-Biphenyl, 4-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	10.61 ng/ul	3186320	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
2		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	95
3		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	90
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	89
5		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
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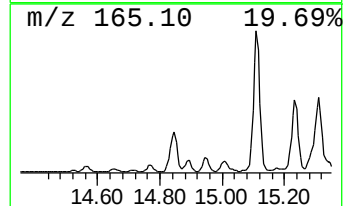
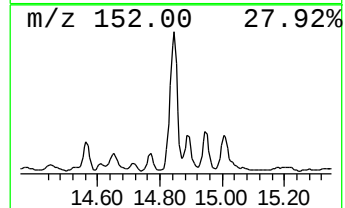
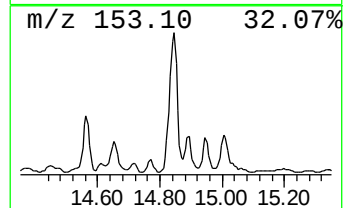
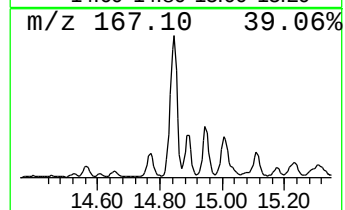
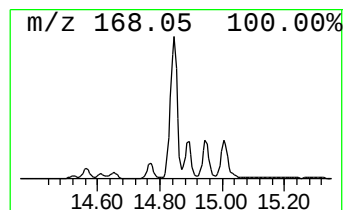
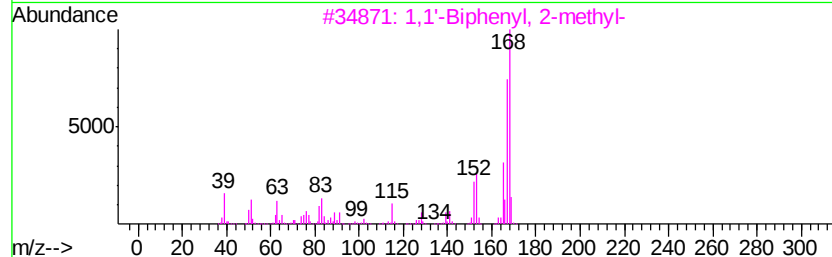
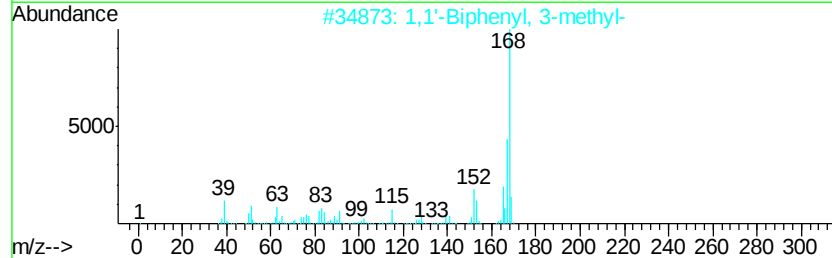
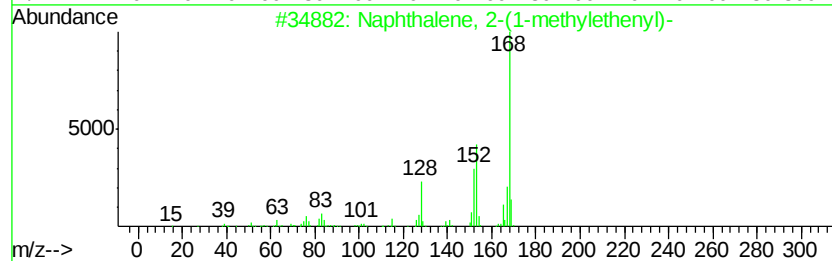
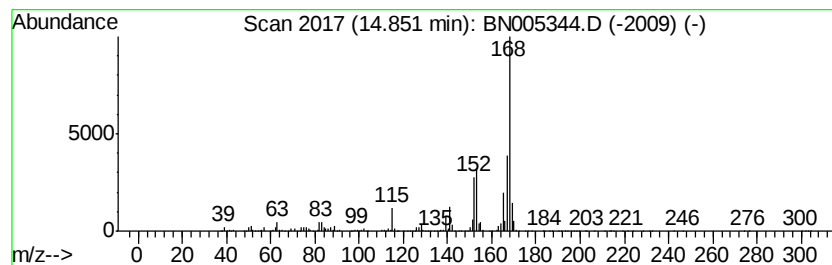
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2-(1-methyleth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	58.78 ng/ul	17646300	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	68
2		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64
3		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
4		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	58
5		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
Operator : JU/SJ
Sample : K2456-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ0

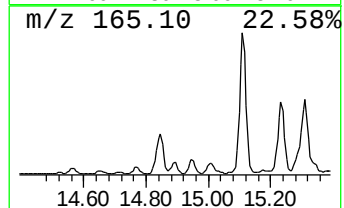
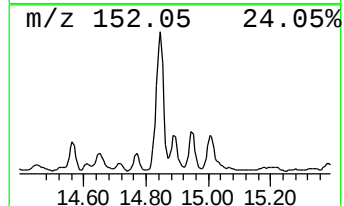
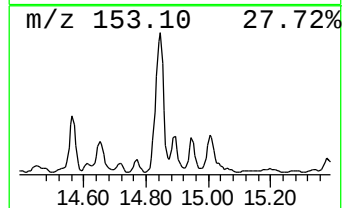
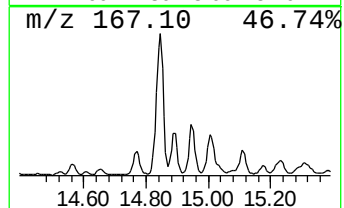
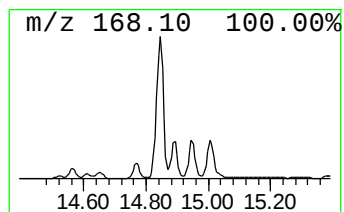
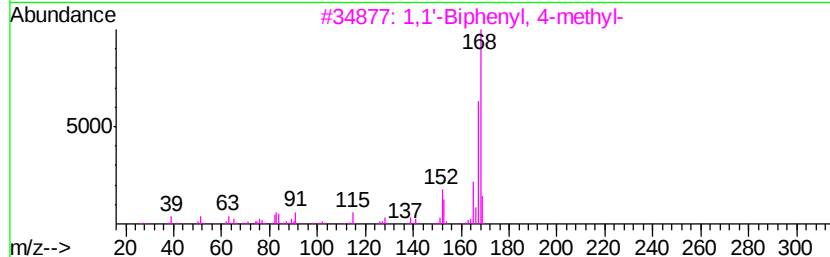
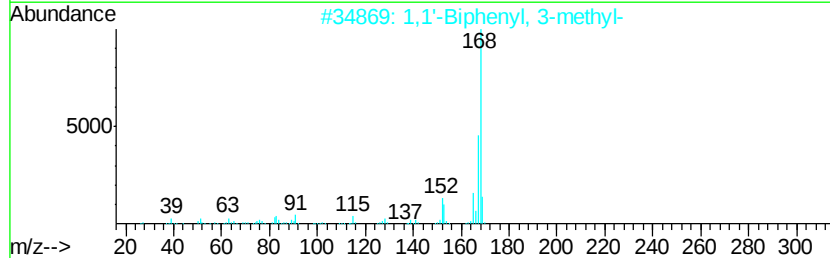
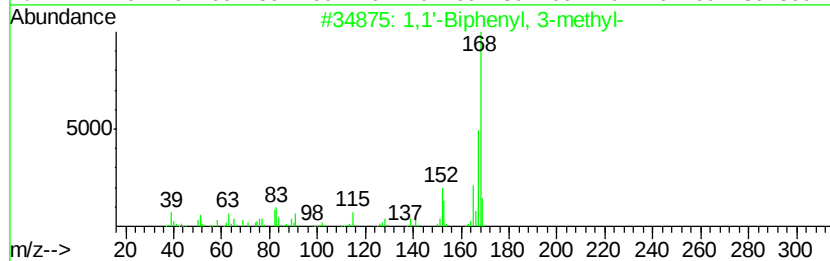
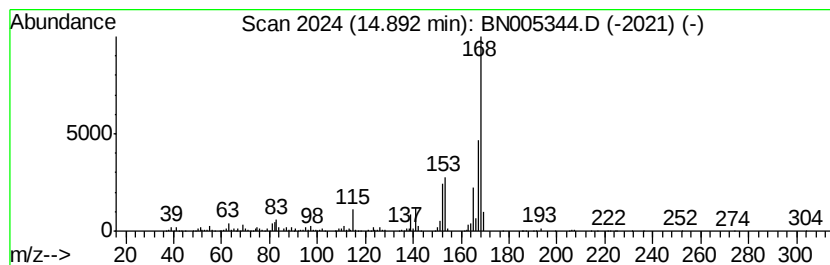
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1,1'-Biphenyl, 3-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	15.08 ng/ul	4526960	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	81
2			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	72
3			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	50
4			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50
5			Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
Operator : JU/SJ
Sample : K2456-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

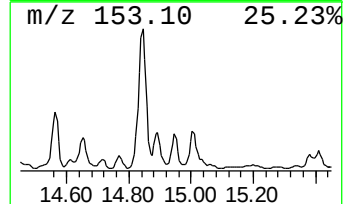
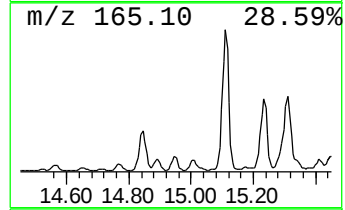
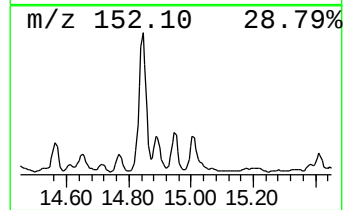
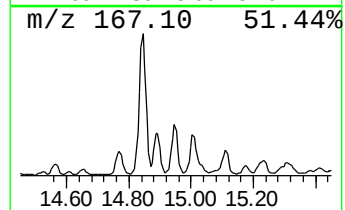
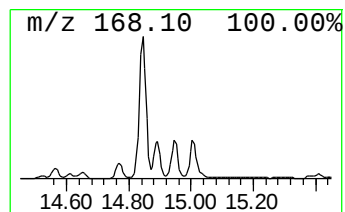
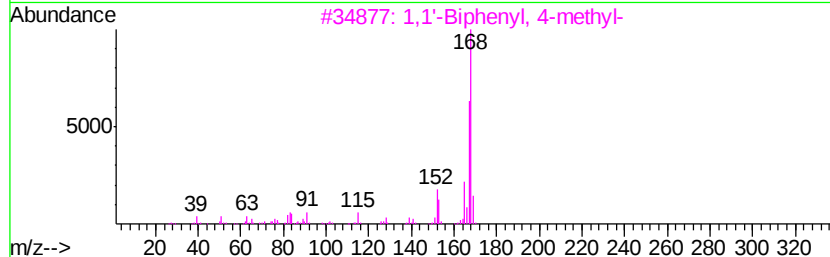
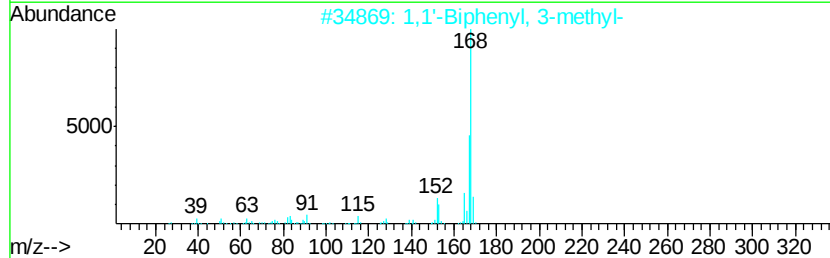
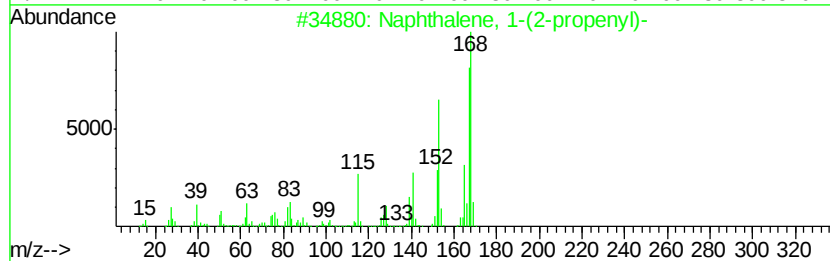
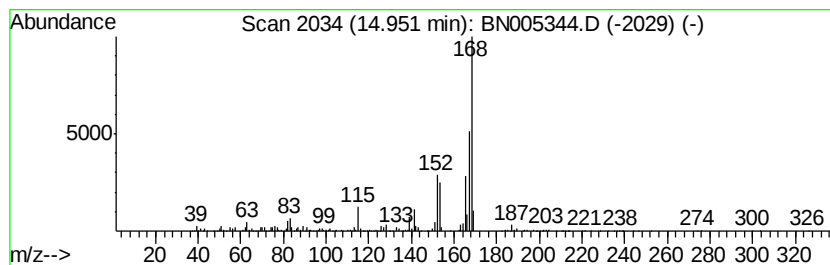
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 1-(2-propenyl)- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	14.04 ng/ul	4213630	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-(2-propenyl)-	168 C13H12	002489-86-3 91
2		1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6 83
3		1,1'-Biphenyl, 4-methyl-	168 C13H12	000644-08-6 81
4		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 74
5		1,1'-Biphenyl, 4-methyl-	168 C13H12	000644-08-6 74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
Operator : JU/SJ
Sample : K2456-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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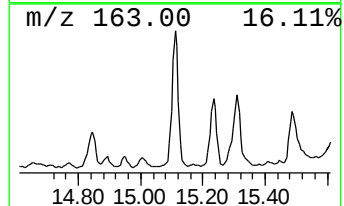
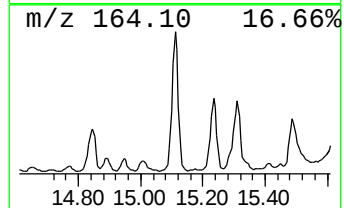
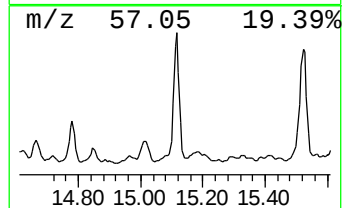
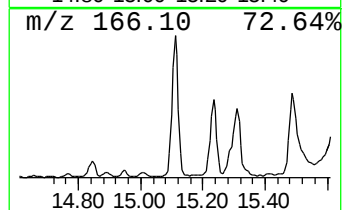
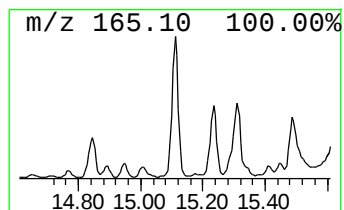
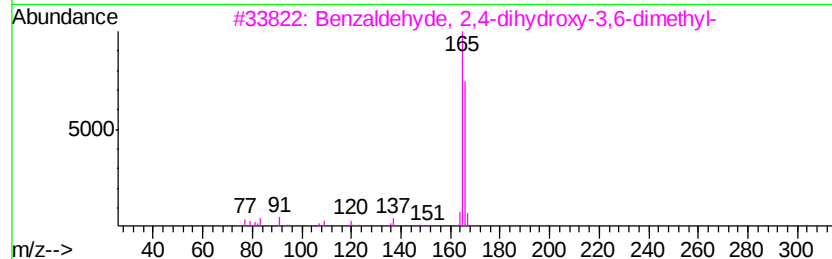
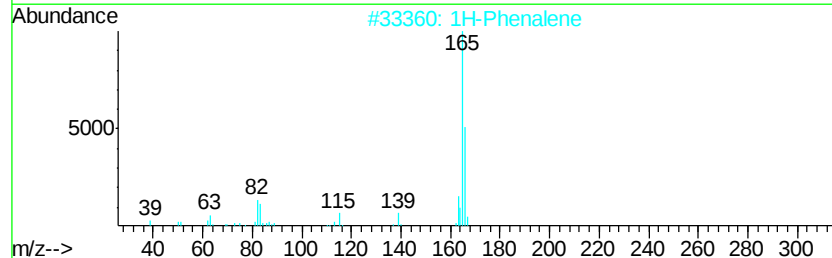
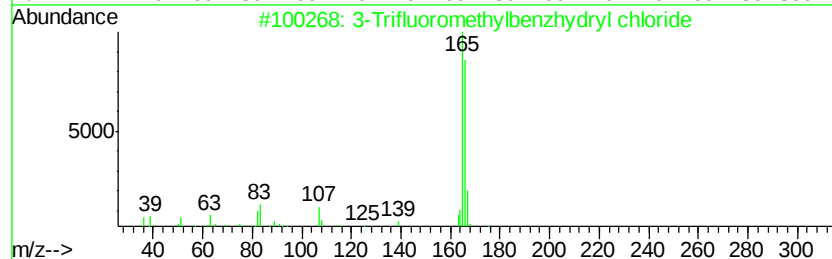
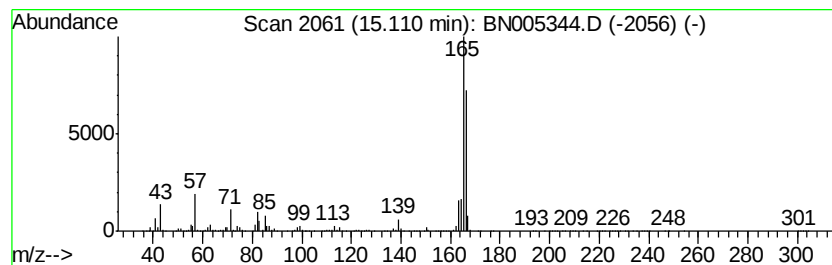
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 3-Trifluoromethylbenzhydryl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	35.06 ng/ul	10526600	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	72
2		1H-Phenylene	166	C13H10	000203-80-5	72
3		Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	64
4		Fluorene	166	C13H10	000086-73-7	47
5		9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
Operator : JU/SJ
Sample : K2456-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

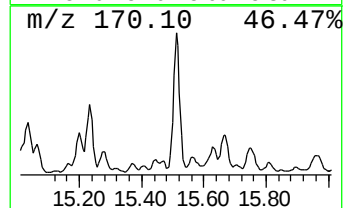
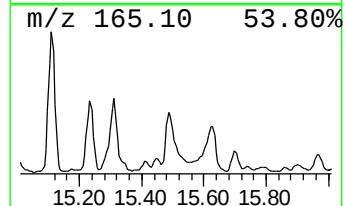
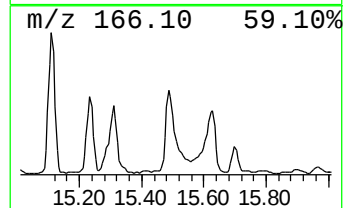
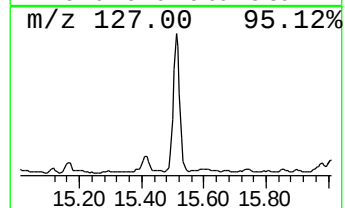
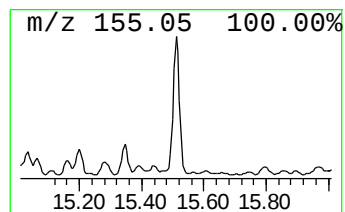
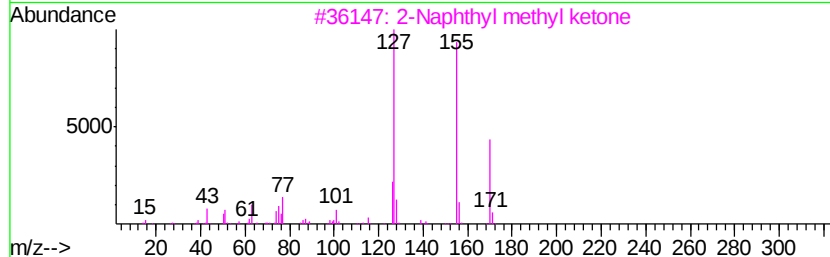
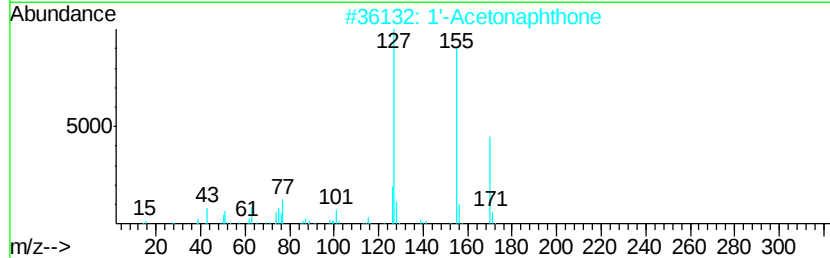
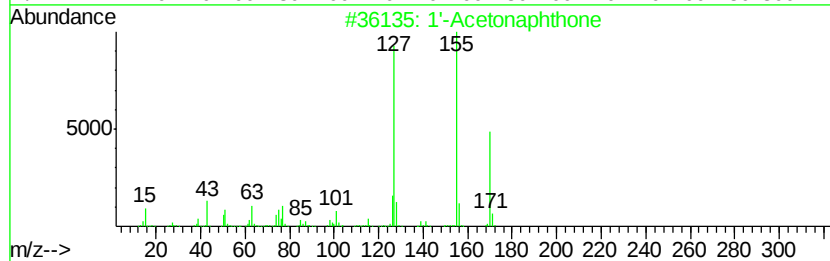
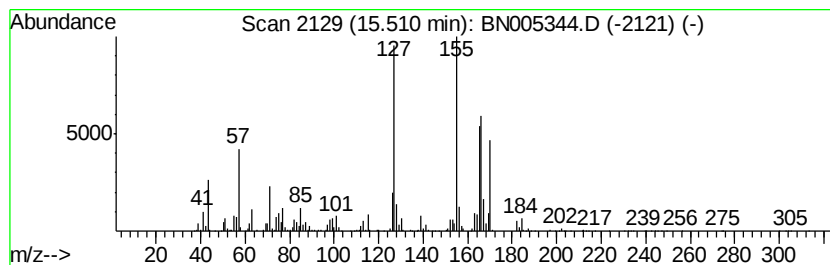
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 1'-Acetonaphthone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	33.57 ng/ul	10079000	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1'-Acetonaphthone	170 C12H10O	000941-98-0 86
2		1'-Acetonaphthone	170 C12H10O	000941-98-0 83
3		2-Naphthyl methyl ketone	170 C12H10O	000093-08-3 83
4		1'-Acetonaphthone	170 C12H10O	000941-98-0 64
5		2-Naphthyl methyl ketone	170 C12H10O	000093-08-3 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
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Sample : K2456-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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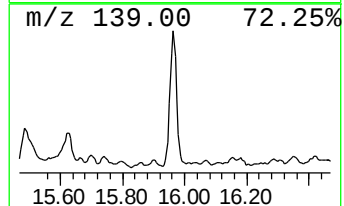
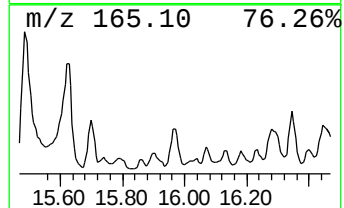
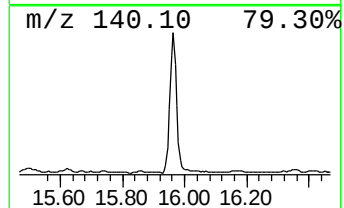
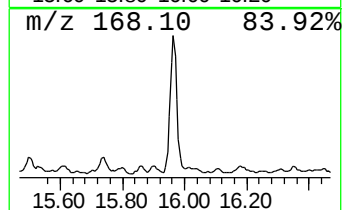
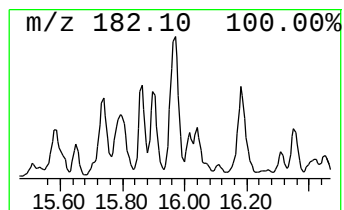
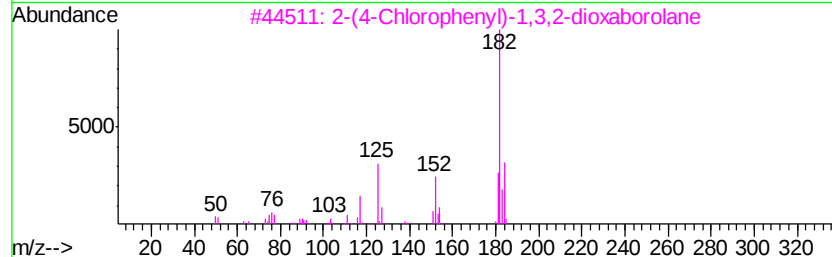
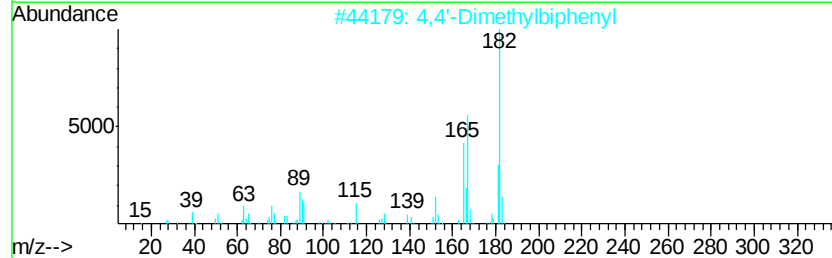
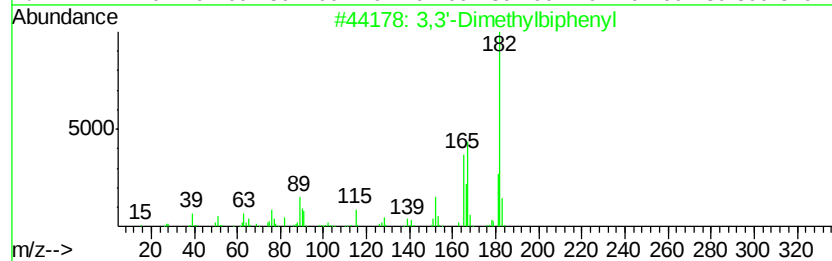
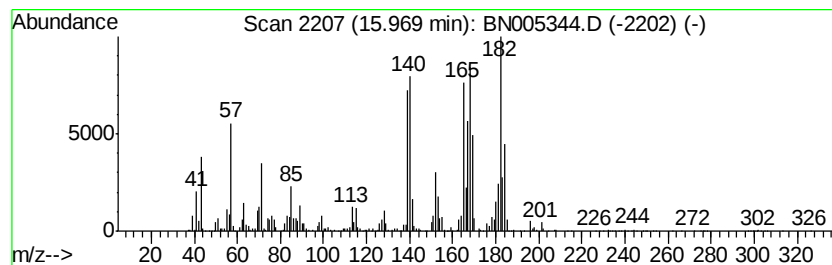
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	28.16 ng/ul	8714830	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	45
2			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	38
3			2-(4-Chlorophenyl)-1,3,2-dioxabo...	182	C8H8BClO2	069519-09-1	35
4			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	30
5			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
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Sample : K2456-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

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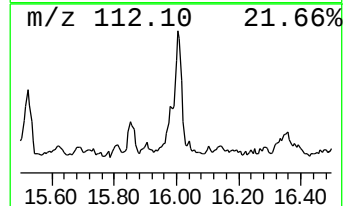
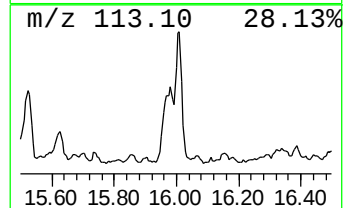
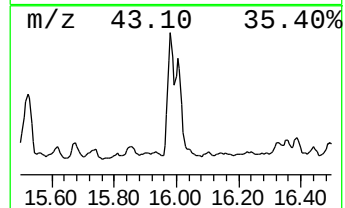
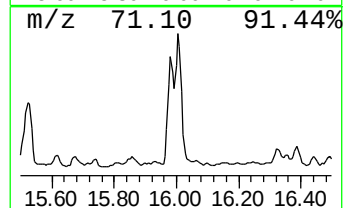
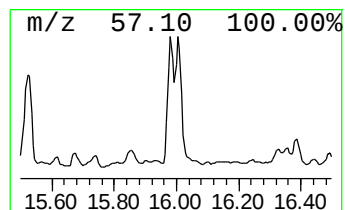
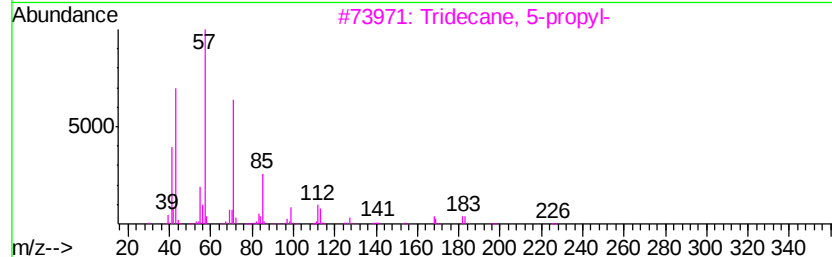
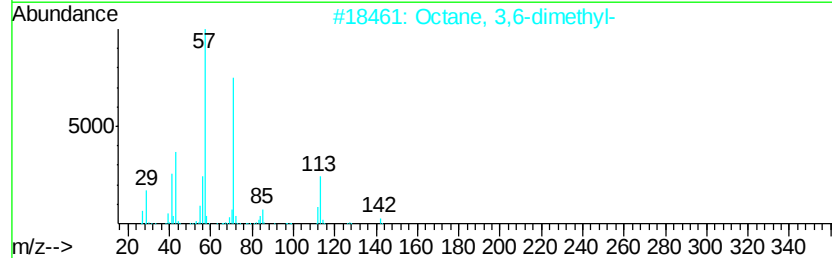
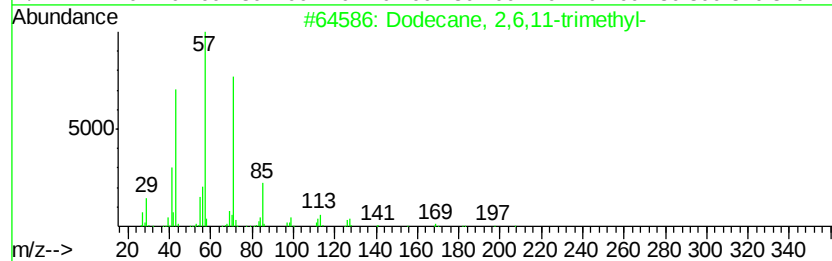
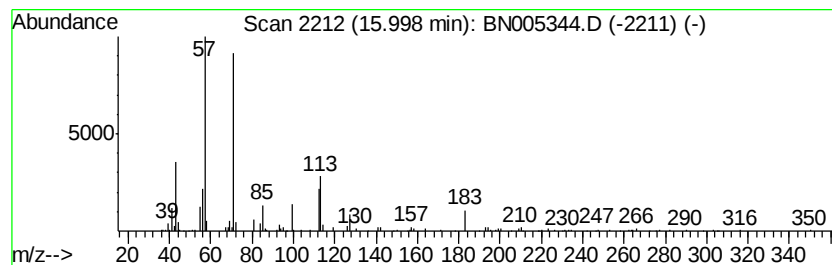
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	8.94 ng/ul	2766640	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59
3			Tridecane, 5-propyl-	226	C16H34	055045-11-9	58
4			Tridecane, 3-methyl-	198	C14H30	006418-41-3	53
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	53



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Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
Operator : JU/SJ
Sample : K2456-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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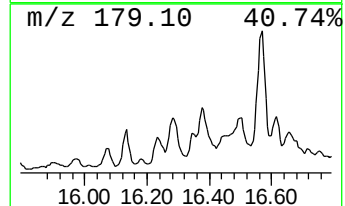
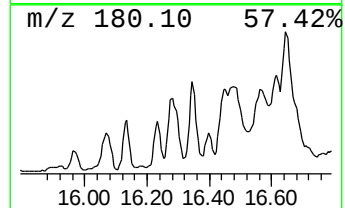
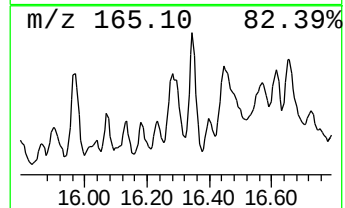
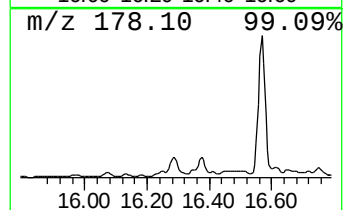
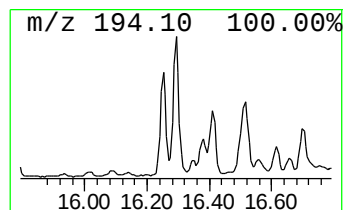
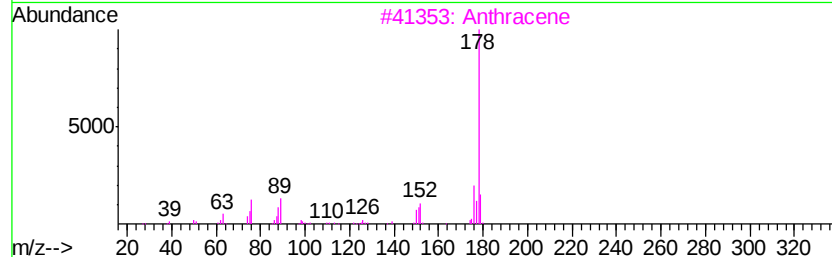
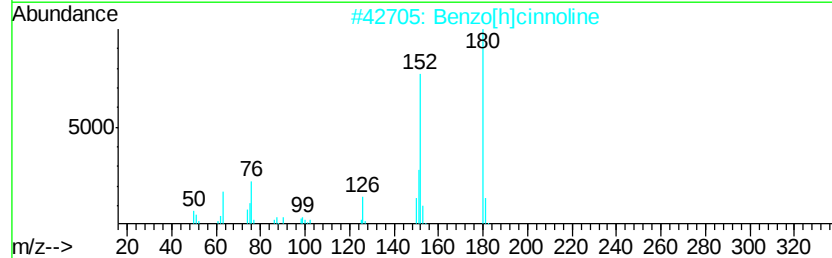
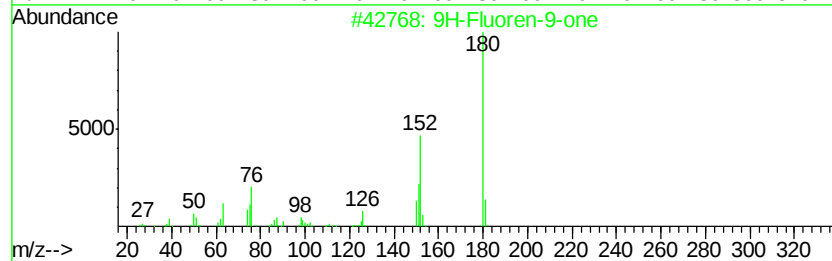
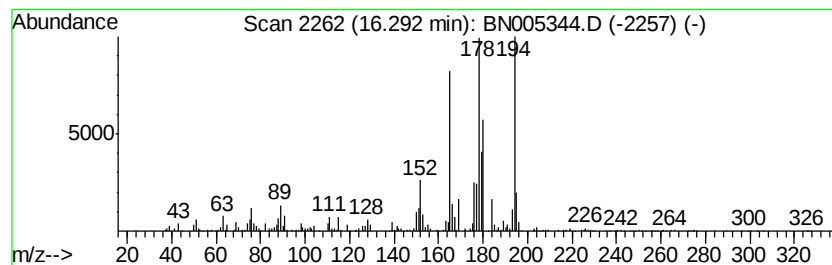
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown-02 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	8.77 ng/ul	2713130	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	45
2		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	44
3		Anthracene	178	C14H10	000120-12-7	38
4		Phenanthrene	178	C14H10	000085-01-8	38
5		Phenanthrene	178	C14H10	000085-01-8	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
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Misc :
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Instrument :
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ClientSampleId :
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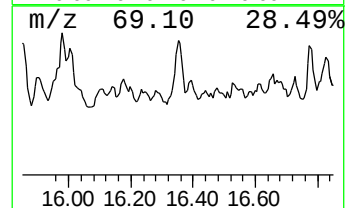
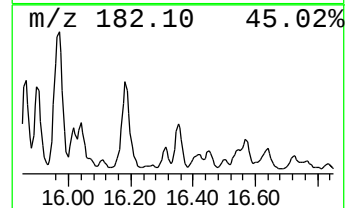
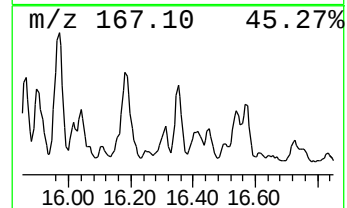
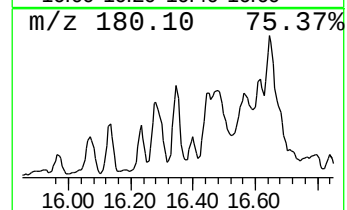
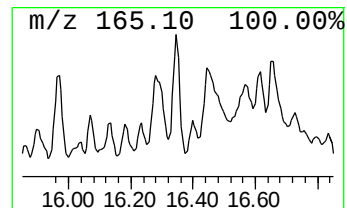
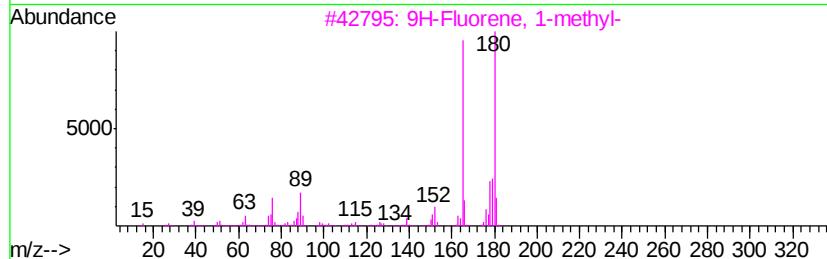
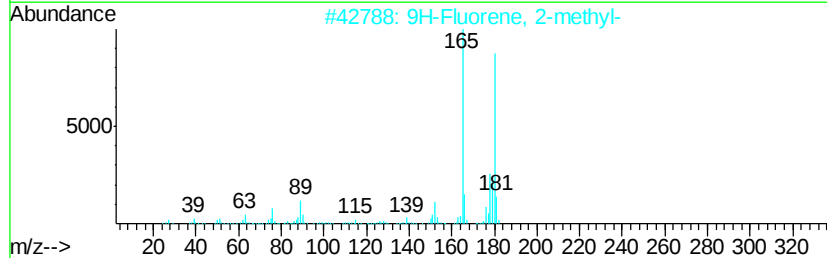
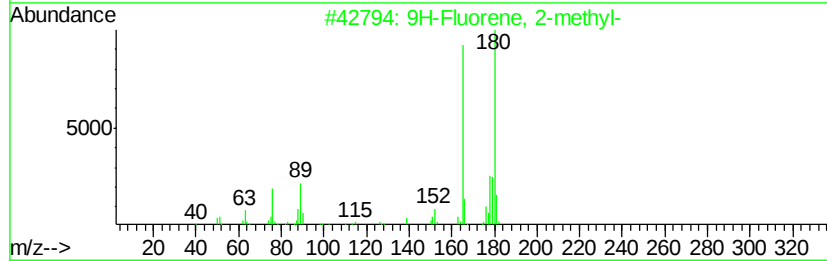
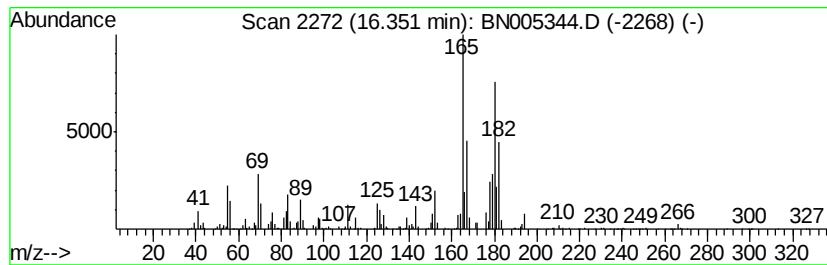
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 9H-Fluorene, 2-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	8.05 ng/ul	2489660	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	60
2			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	60
3			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	60
4			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	58
5			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
Operator : JU/SJ
Sample : K2456-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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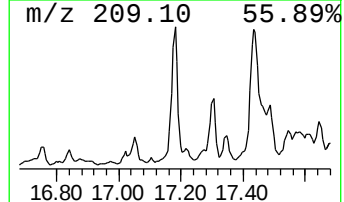
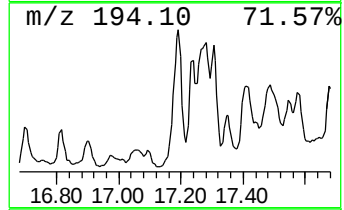
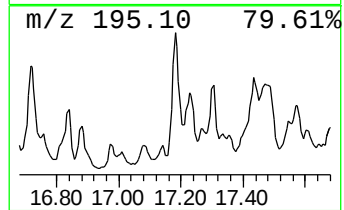
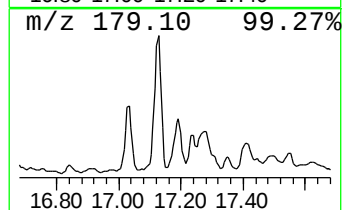
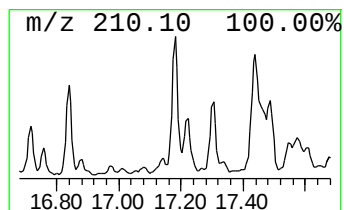
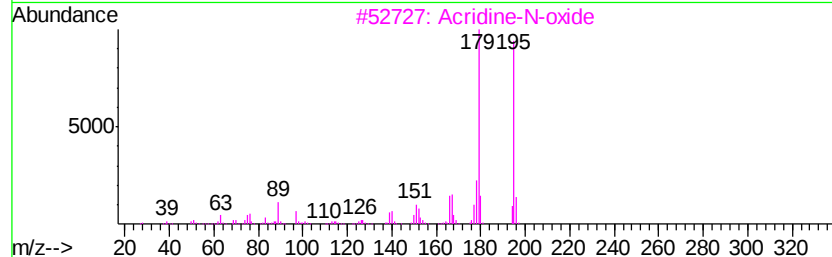
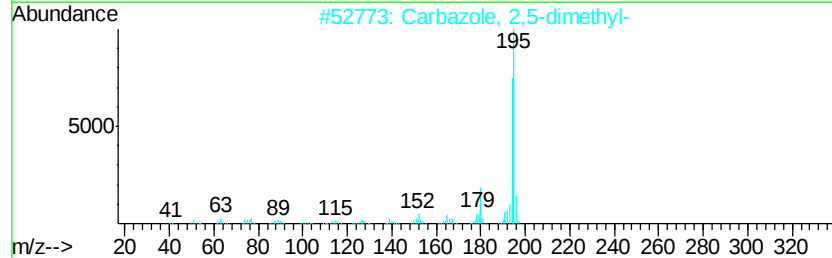
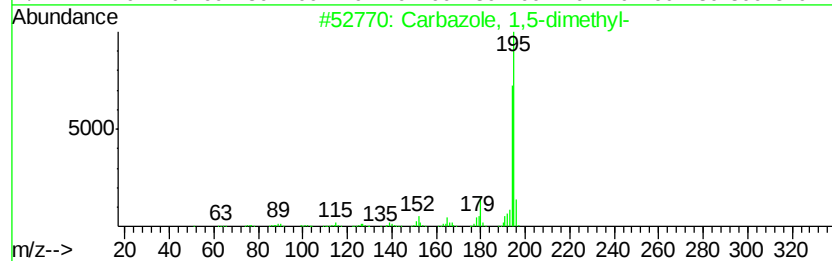
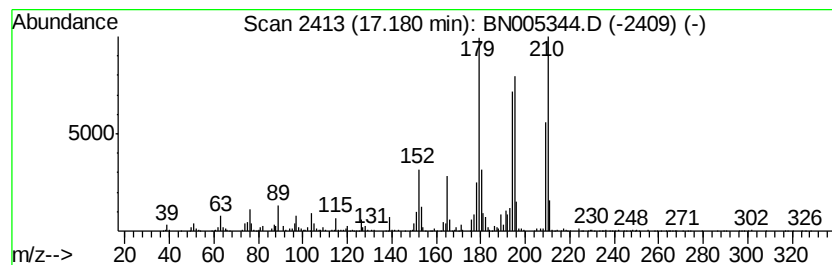
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Carbazole, 1,5-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	15.01 ng/ul	4644300	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbazole, 1,5-dimethyl-	195	C14H13N	051640-60-9	80
2		Carbazole, 2,5-dimethyl-	195	C14H13N	078787-79-8	56
3		Acridine-N-oxide	195	C13H9NO	010399-73-2	50
4		3,5,3',5'-Tetramethylbiphenyl	210	C16H18	025570-02-9	50
5		Carbazole, 2,6-dimethyl-	195	C14H13N	078787-80-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
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Sample : K2456-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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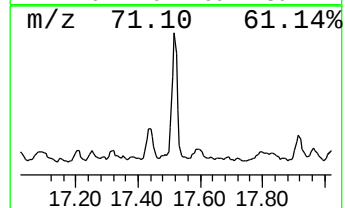
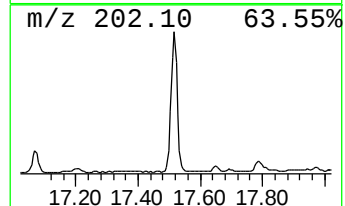
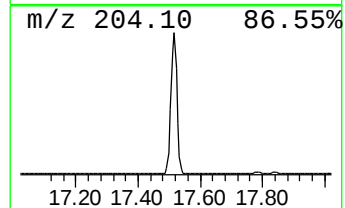
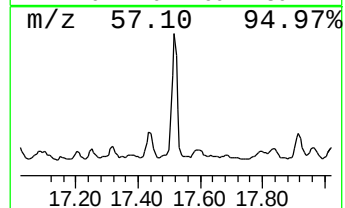
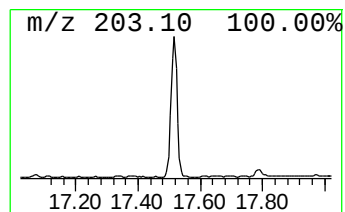
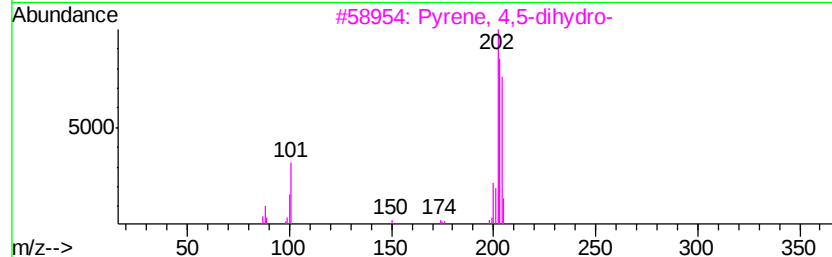
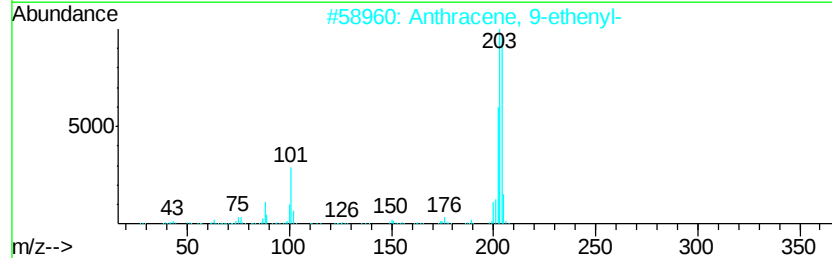
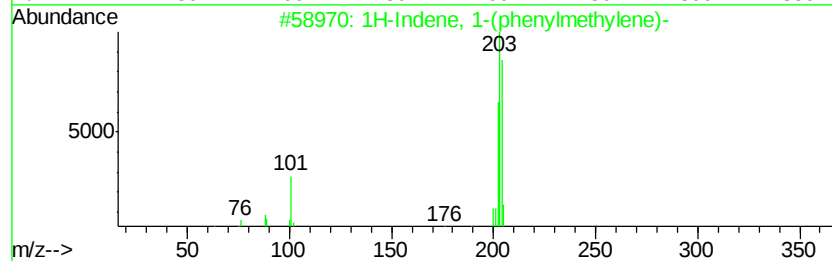
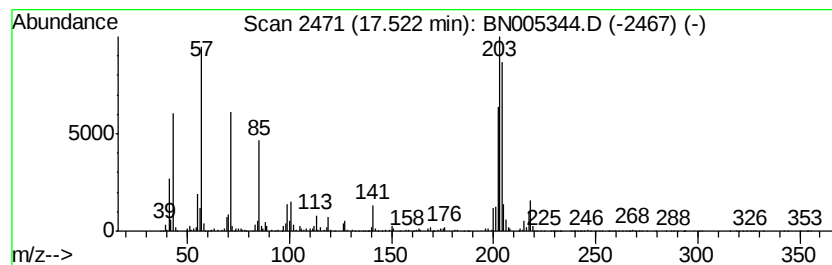
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 1H-Indene, 1-(phenylmethyle... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	19.97 ng/ul	6180500	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	90
2		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	60
3		Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	58
4		Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	55
5		Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
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Acq On : 27 Apr 2019 07:25
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Sample : K2456-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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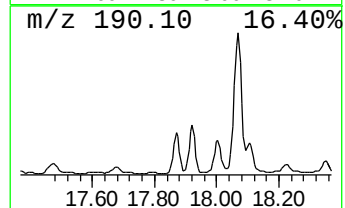
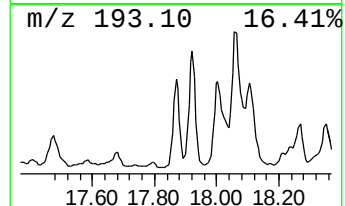
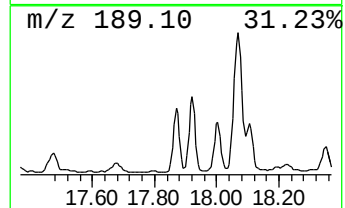
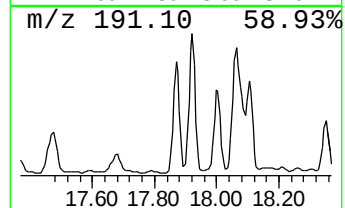
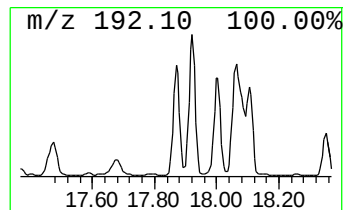
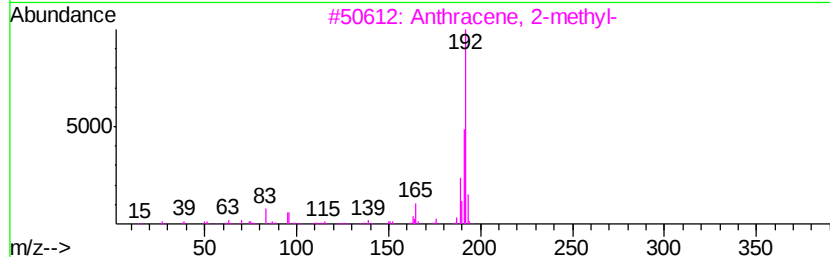
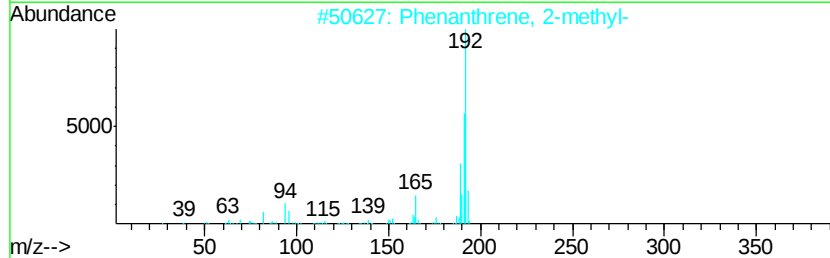
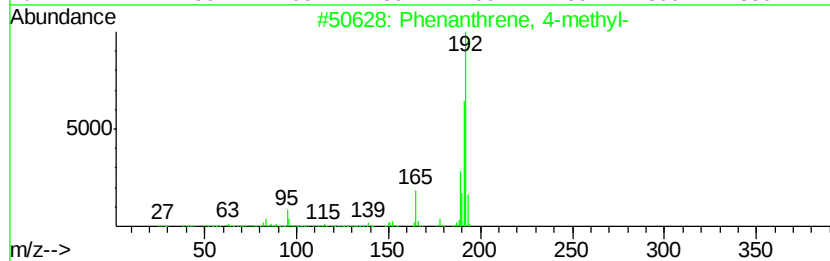
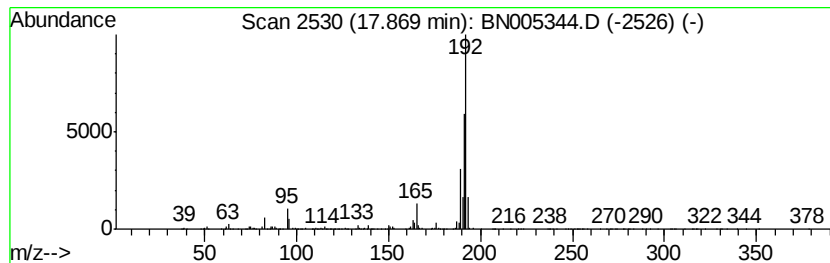
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	31.19 ng/ul	9653020	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
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ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
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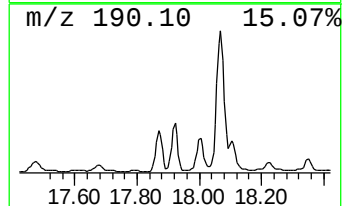
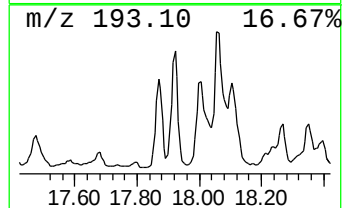
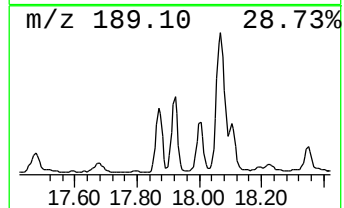
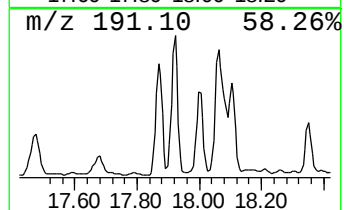
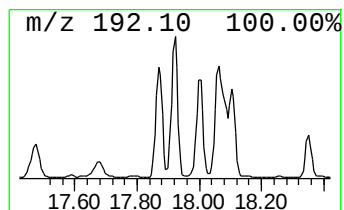
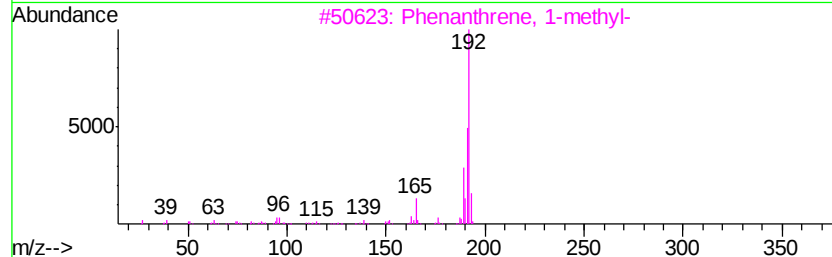
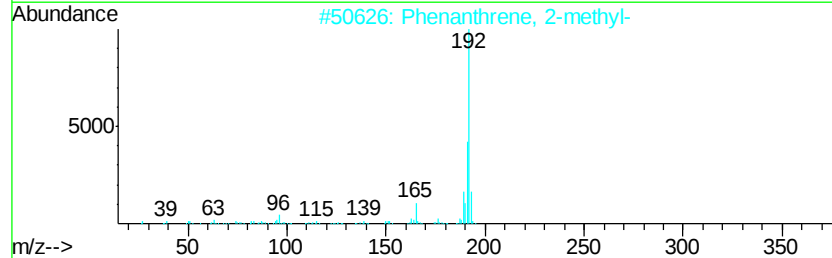
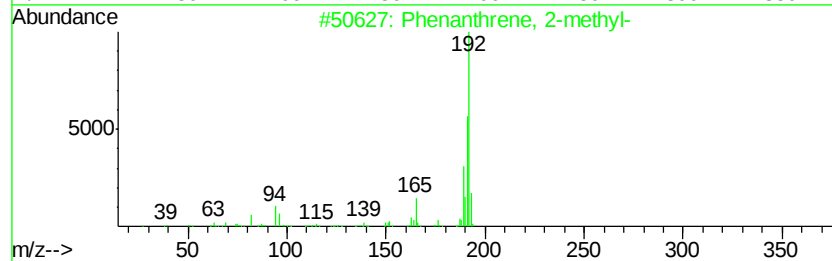
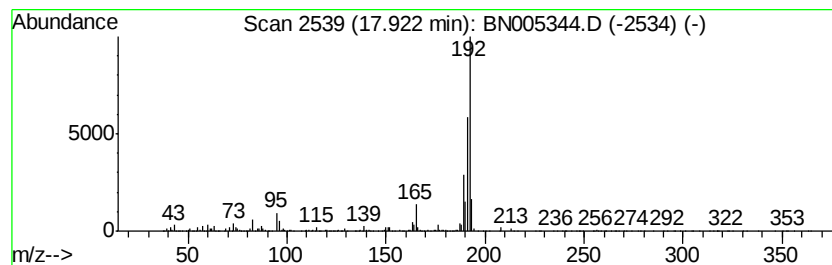
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	46.97 ng/ul	14534700	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
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Sample : K2456-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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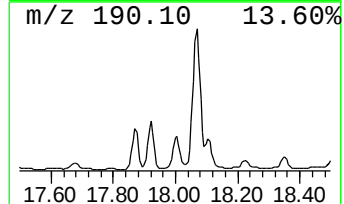
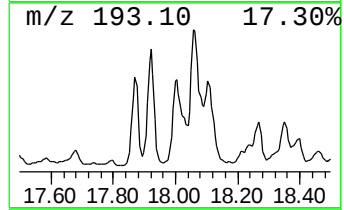
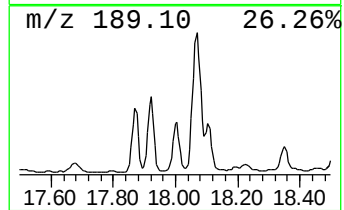
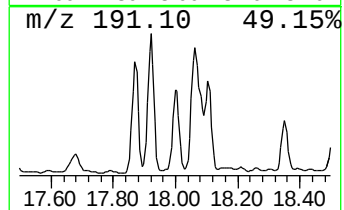
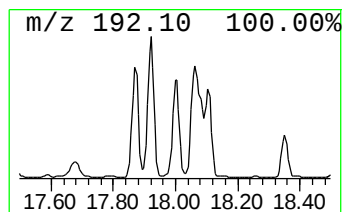
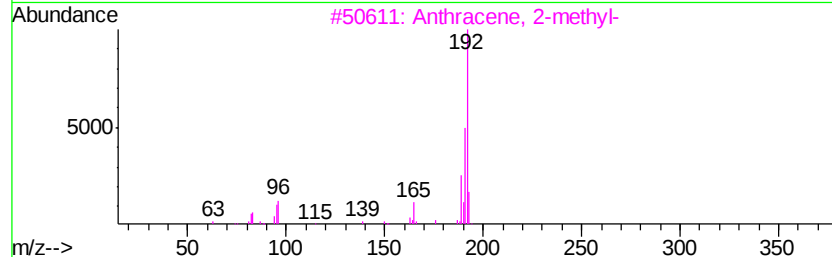
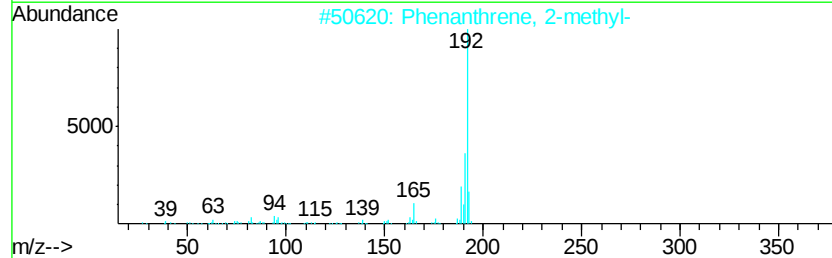
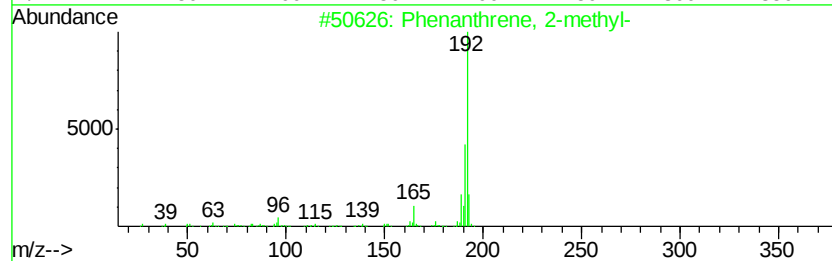
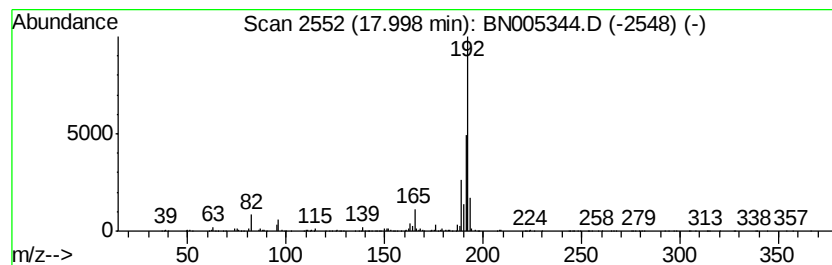
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	25.06 ng/ul	7755810	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
Operator : JU/SJ
Sample : K2456-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ0

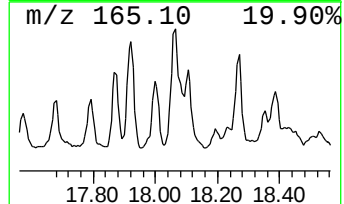
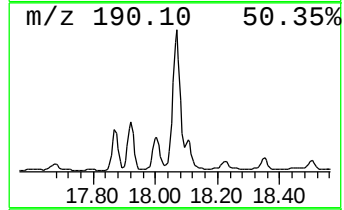
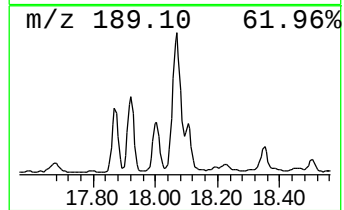
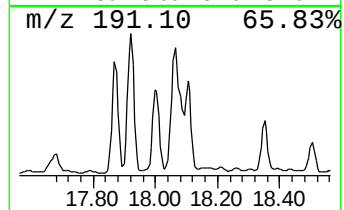
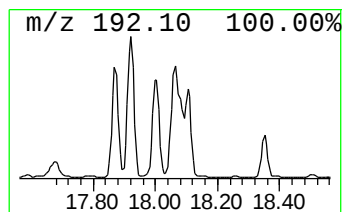
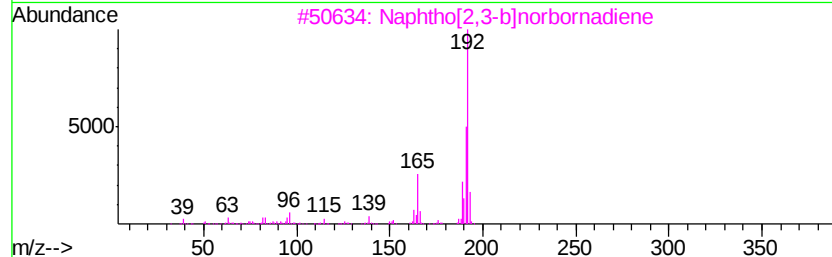
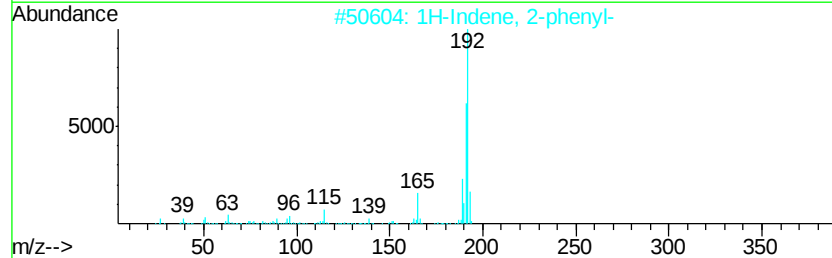
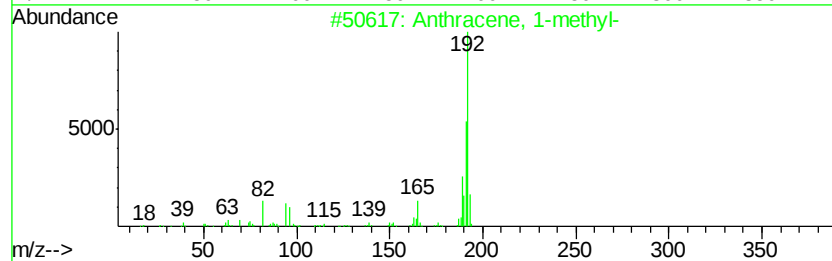
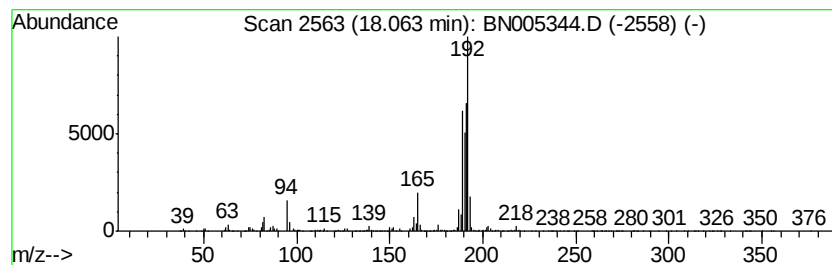
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	69.01 ng/ul	21357600	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
2		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
3		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	62
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
Operator : JU/SJ
Sample : K2456-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ0

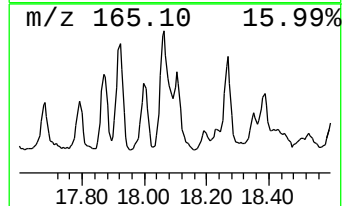
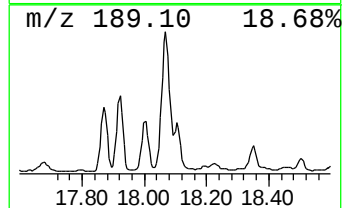
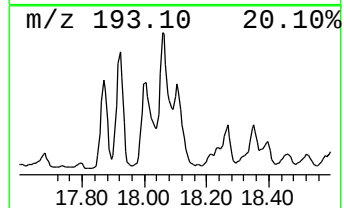
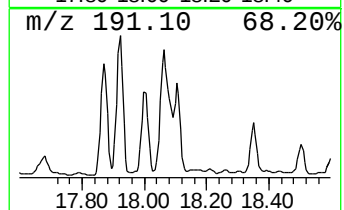
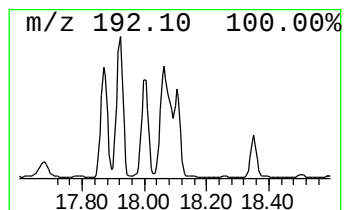
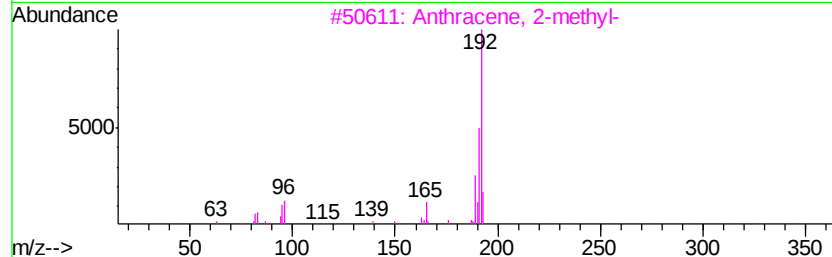
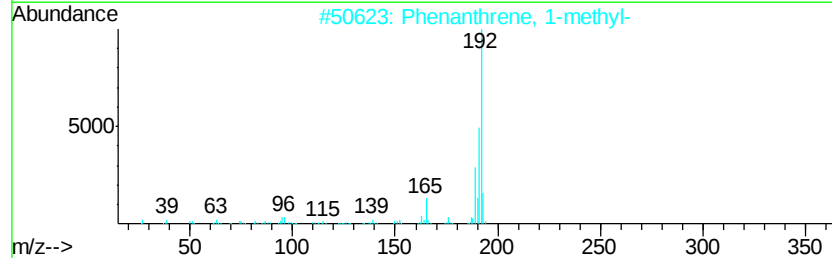
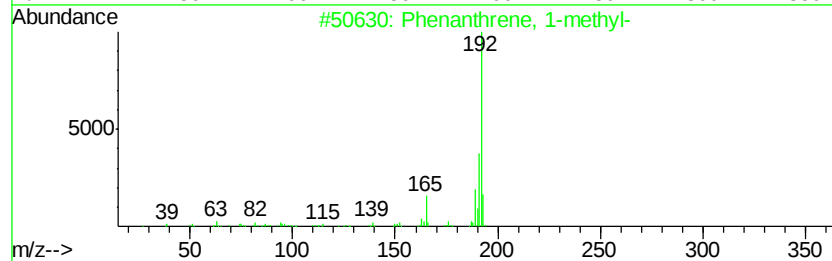
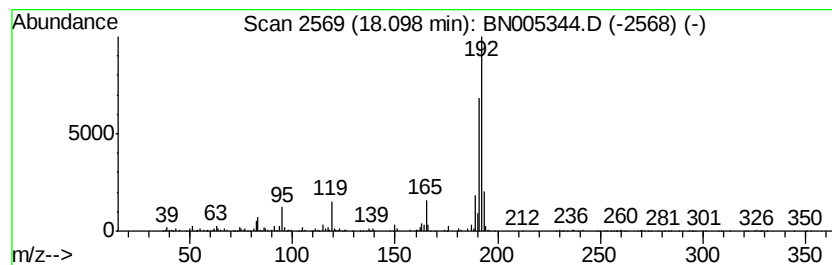
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	24.51 ng/ul	7585470	Phenanthrene-d10	16.99

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
Operator : JU/SJ
Sample : K2456-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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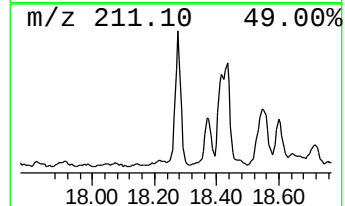
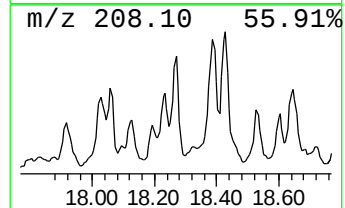
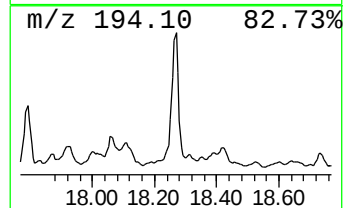
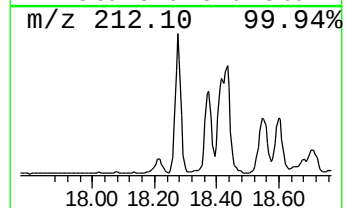
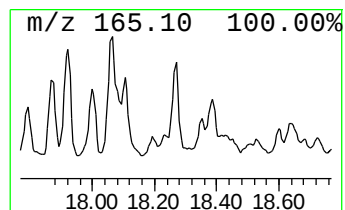
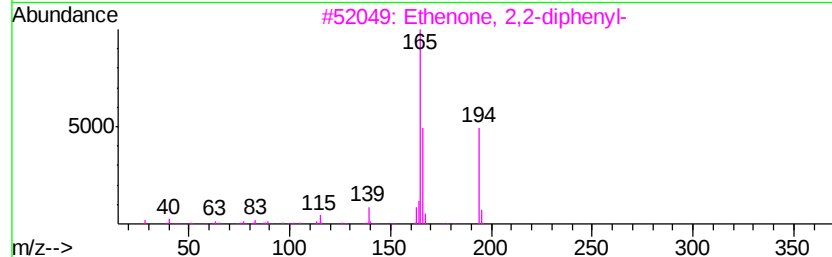
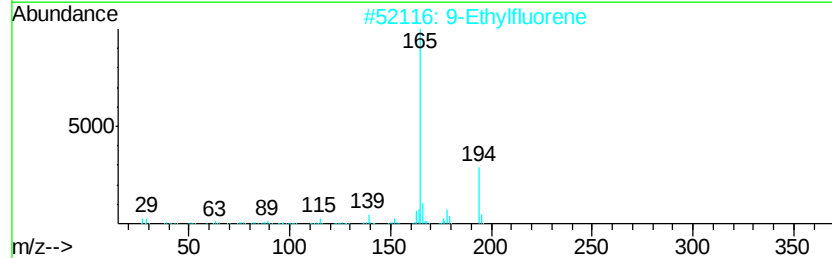
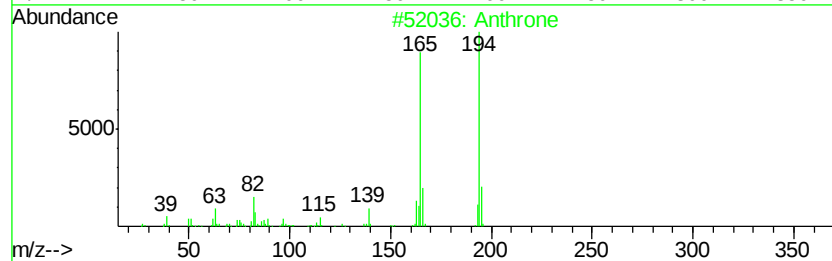
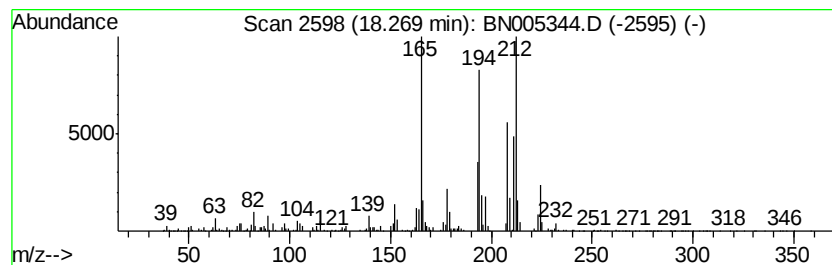
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Anthrone Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	10.20 ng/ul	3156200	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthrone	194	C14H10O	000090-44-8	60
2		9-Ethylfluorene	194	C15H14	002294-82-8	42
3		Ethenone, 2,2-diphenyl-	194	C14H10O	000525-06-4	42
4		9-Ethylfluorene	194	C15H14	002294-82-8	42
5		Anthrone	194	C14H10O	000090-44-8	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
Operator : JU/SJ
Sample : K2456-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ0

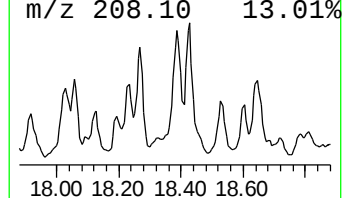
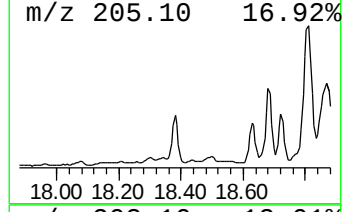
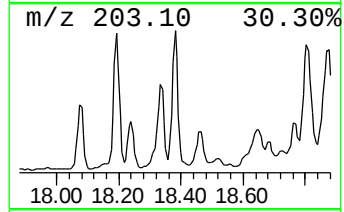
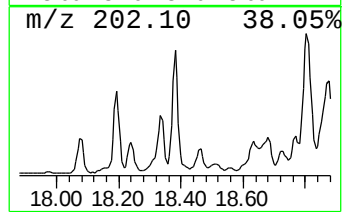
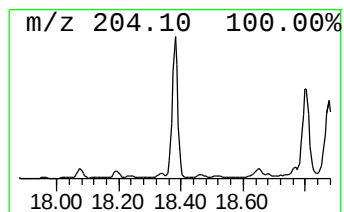
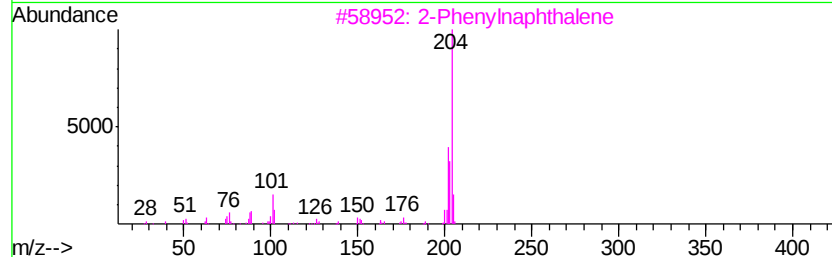
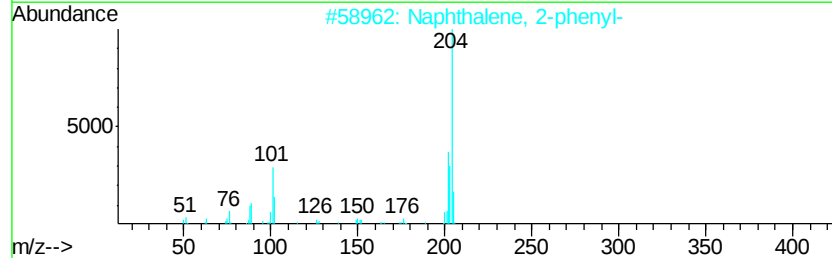
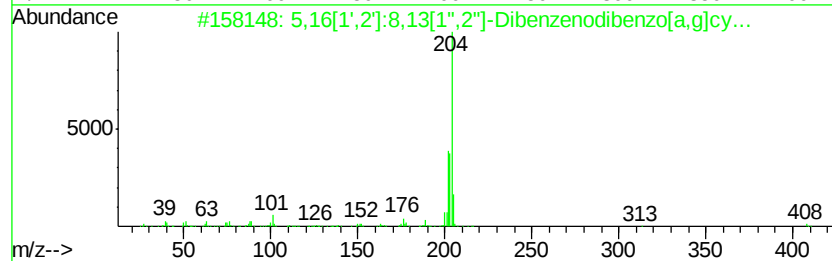
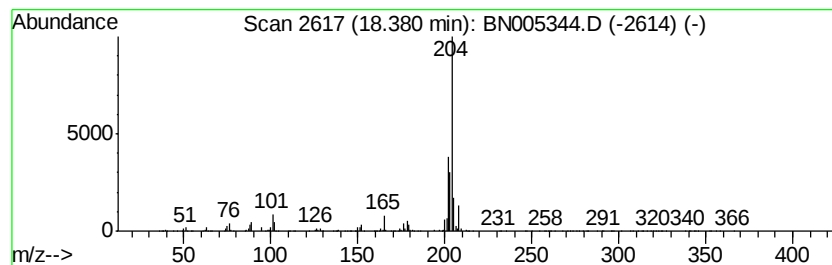
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	18.16 ng/ul	5618510	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3		2-Phenylnaphthalene	204	C16H12	035465-71-5	83
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
Data File : BN005344.D
Acq On : 27 Apr 2019 07:25
Operator : JU/SJ
Sample : K2456-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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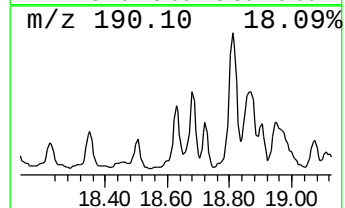
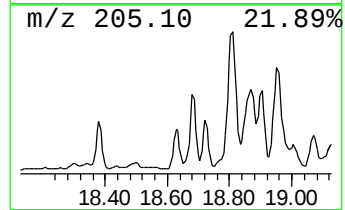
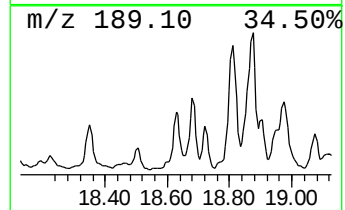
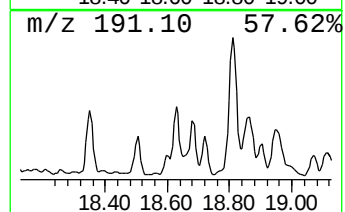
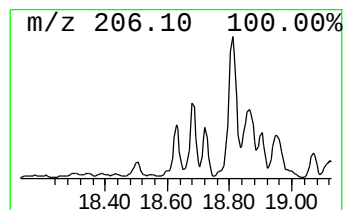
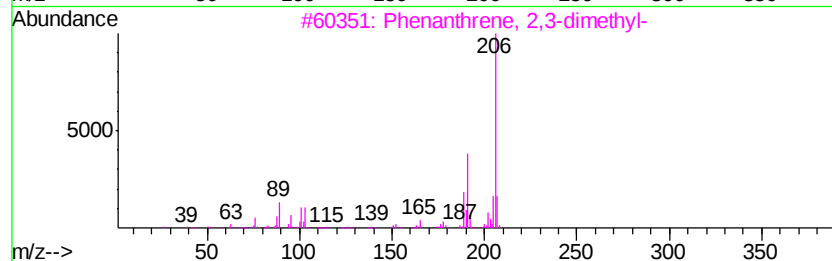
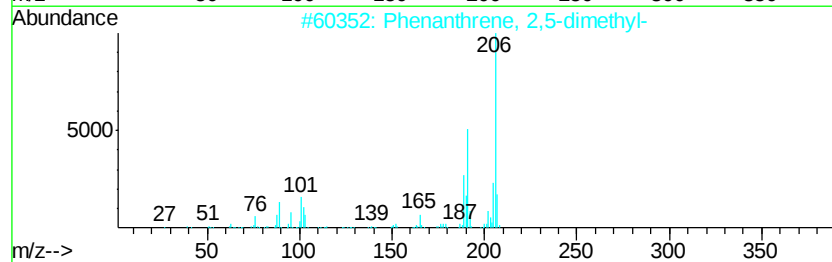
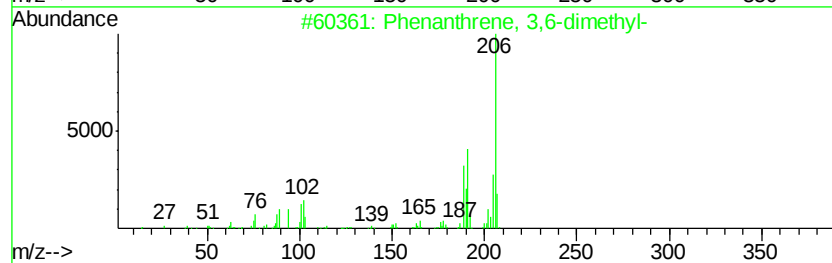
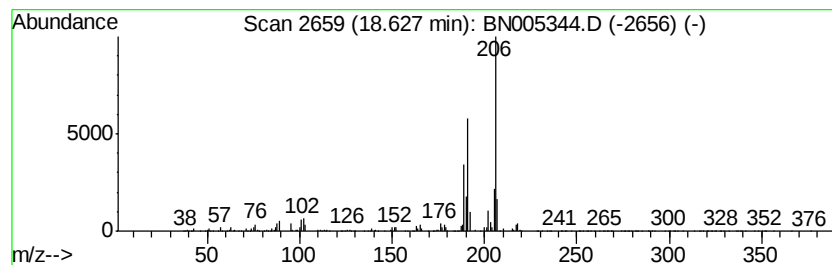
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Phenanthrene, 3,6-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	14.69 ng/ul	4545190	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042619\
 Data File : BN005344.D
 Acq On : 27 Apr 2019 07:25
 Operator : JU/SJ
 Sample : K2456-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-etheny...	7.26	47.8	ng/ul	6443700	1	7.59	2698390	20.0
Benzene, 1-methyl...	8.85	26.8	ng/ul	3619670	1	7.59	2698390	20.0
1H-Indene, 1-ethy...	11.55	15.0	ng/ul	3389120	2	10.36	4531190	20.0
Benzocycloheptatr...	11.69	16.3	ng/ul	3696590	2	10.36	4531190	20.0
1,4-Methanonaphth...	11.88	46.6	ng/ul	10569700	2	10.36	4531190	20.0
Naphthalene, 1,4-...	13.20	13.7	ng/ul	4109380	3	14.23	6004280	20.0
Naphthalene, 2-et...	13.47	14.8	ng/ul	4451220	3	14.23	6004280	20.0
(DEL) Alkane: Str...	14.16	10.6	ng/ul	3171540	3	14.23	6004280	20.0
1,1'-Biphenyl, 4-...	14.77	10.6	ng/ul	3186320	3	14.23	6004280	20.0
Naphthalene, 2-(1...	14.85	58.8	ng/ul	17646300	3	14.23	6004280	20.0
1,1'-Biphenyl, 3-...	14.89	15.1	ng/ul	4526960	3	14.23	6004280	20.0
Naphthalene, 1-(2...	14.95	14.0	ng/ul	4213630	3	14.23	6004280	20.0
3-Trifluoromethyl...	15.11	35.1	ng/ul	10526600	3	14.23	6004280	20.0
1'-Acetonaphthone	15.51	33.6	ng/ul	10079000	3	14.23	6004280	20.0
unknown-01	15.97	28.2	ng/ul	8714830	4	16.99	6189300	20.0
(DEL) Alkane: Str...	16.00	8.9	ng/ul	2766640	4	16.99	6189300	20.0
unknown-02	16.29	8.8	ng/ul	2713130	4	16.99	6189300	20.0
9H-Fluorene, 2-me...	16.35	8.1	ng/ul	2489660	4	16.99	6189300	20.0
Carbazole, 1,5-di...	17.18	15.0	ng/ul	4644300	4	16.99	6189300	20.0
1H-Indene, 1-(phe...	17.52	20.0	ng/ul	6180500	4	16.99	6189300	20.0
Phenanthrene, 4-m...	17.87	31.2	ng/ul	9653020	4	16.99	6189300	20.0
Phenanthrene, 2-m...	17.92	47.0	ng/ul	14534700	4	16.99	6189300	20.0
Anthracene, 2-met...	18.00	25.1	ng/ul	7755810	4	16.99	6189300	20.0
Anthracene, 1-met...	18.06	69.0	ng/ul	21357600	4	16.99	6189300	20.0
Phenanthrene, 1-m...	18.10	24.5	ng/ul	7585470	4	16.99	6189300	20.0
Anthrone	18.27	10.2	ng/ul	3156200	4	16.99	6189300	20.0
5,16[1',2']:8,13[...	18.38	18.2	ng/ul	5618510	4	16.99	6189300	20.0
Phenanthrene, 3,6...	18.63	14.7	ng/ul	4545190	4	16.99	6189300	20.0