

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005194.D
 Acq On : 23 Apr 2019 03:20
 Operator : JU/SJ
 Sample : K2455-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ9

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	6.775	637	644	653	rBV	1982927	2963948	15.15%	0.903%
2	6.946	666	673	682	rBV	1547169	2331739	11.92%	0.710%
3	7.134	695	705	714	rBV	1964007	3012283	15.40%	0.917%
4	7.599	777	784	790	rBV	1933695	2980281	15.24%	0.908%
5	8.293	896	902	911	rVB	2240323	3516829	17.98%	1.071%
6	8.734	972	977	988	rVV	1842925	3083443	15.76%	0.939%
7	9.452	1091	1099	1106	rBV	1528041	2485910	12.71%	0.757%
8	9.981	1183	1189	1197	rVB	2452428	3946182	20.17%	1.202%
9	10.357	1244	1253	1258	rVV	3258982	5415131	27.68%	1.649%
10	10.410	1258	1262	1269	rVV	460033	814325	4.16%	0.248%
11	10.493	1269	1276	1282	rVV	2118562	3590222	18.35%	1.093%
12	11.404	1419	1431	1434	rBV3	251649	586260	3.00%	0.179%
13	11.810	1494	1500	1507	rBV	617066	1028529	5.26%	0.313%
14	12.034	1529	1538	1547	rVB	11714519	19561961	100.00%	5.957%
15	12.251	1565	1575	1582	rBV	5254554	8339286	42.63%	2.539%
16	13.057	1706	1712	1727	rBV2	1397860	2955380	15.11%	0.900%
17	13.257	1739	1746	1758	rVB	1713497	3548986	18.14%	1.081%
18	13.393	1762	1769	1770	rBV	4589953	6871286	35.13%	2.092%
19	13.551	1787	1796	1801	rBV	5530329	9650135	49.33%	2.939%
20	13.604	1801	1805	1809	rVV	3317273	4840129	24.74%	1.474%
21	13.651	1809	1813	1816	rVV	4291075	6494930	33.20%	1.978%
22	13.687	1816	1819	1825	rVV3	3404016	5117422	26.16%	1.558%
23	13.787	1831	1836	1840	rVV	2588179	4030861	20.61%	1.227%
24	13.822	1840	1842	1847	rVB	653919	738441	3.77%	0.225%
25	13.922	1852	1859	1862	rBV	4713572	7901153	40.39%	2.406%
26	13.951	1862	1864	1879	rVB2	3756469	4472775	22.86%	1.362%
27	14.163	1894	1900	1903	rBV	476439	639770	3.27%	0.195%
28	14.234	1903	1912	1918	rBV4	5174604	9833016	50.27%	2.994%
29	14.293	1918	1922	1925	rBV2	728346	1018493	5.21%	0.310%
30	14.328	1925	1928	1932	rVB	817898	1019327	5.21%	0.310%
31	14.428	1939	1945	1957	rVB2	2000909	4363467	22.31%	1.329%
32	14.634	1971	1980	1988	rBV3	1401639	3081063	15.75%	0.938%
33	14.716	1988	1994	1998	rVB	1317089	1820642	9.31%	0.554%
34	14.840	2009	2015	2021	rBV2	1926610	3740813	19.12%	1.139%

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35	14.910	2024	2027	2030	rVV	860529	1041579	5.32%	0.317%
36	15.004	2038	2043	2045	rBV	582697	871131	4.45%	0.265%
37	15.104	2056	2060	2067	rVB2	1219857	1998240	10.21%	0.609%
38	15.175	2067	2072	2075	rBV	447423	713647	3.65%	0.217%
39	15.228	2075	2081	2086	rVB	6534165	9634695	49.25%	2.934%
40	15.287	2086	2091	2097	rBV	3459510	5471260	27.97%	1.666%
41	15.351	2097	2102	2105	rVV2	1541185	2207459	11.28%	0.672%
42	15.410	2109	2112	2116	rVV3	552180	654406	3.35%	0.199%
43	15.581	2136	2141	2145	rVV	689847	1146666	5.86%	0.349%
44	15.622	2145	2148	2156	rVB5	325088	665437	3.40%	0.203%
45	15.698	2156	2161	2164	rBV	1182154	1789349	9.15%	0.545%
46	15.734	2164	2167	2175	rVB3	445624	881488	4.51%	0.268%
47	15.969	2201	2207	2212	rBV4	352308	842405	4.31%	0.257%
48	16.287	2253	2261	2266	rVV	1112864	2844969	14.54%	0.866%
49	16.339	2266	2270	2275	rVV	1193898	1762342	9.01%	0.537%
50	16.439	2282	2287	2293	rVV2	662713	1136400	5.81%	0.346%
51	16.563	2299	2308	2312	rVV9	379020	1027730	5.25%	0.313%
52	16.645	2319	2322	2329	rVV2	554666	835891	4.27%	0.255%
53	16.798	2341	2348	2352	rVV2	975553	1616124	8.26%	0.492%
54	16.986	2373	2380	2383	rBV2	6423119	9717600	49.68%	2.959%
55	17.028	2383	2387	2392	rVV	13160750	18964652	96.95%	5.775%
56	17.086	2392	2397	2400	rVV2	5823133	9048858	46.26%	2.756%
57	17.116	2400	2402	2407	rVV	2933856	3333453	17.04%	1.015%
58	17.181	2408	2413	2418	rVB2	408351	697887	3.57%	0.213%
59	17.510	2465	2469	2474	rVV2	429082	678739	3.47%	0.207%
60	17.563	2474	2478	2485	rVB2	462510	765518	3.91%	0.233%
61	17.704	2497	2502	2510	rVB2	327941	769323	3.93%	0.234%
62	17.863	2523	2529	2533	rBV	3507089	4942356	25.27%	1.505%
63	17.910	2533	2537	2546	rVV	4525969	6301038	32.21%	1.919%
64	17.992	2546	2551	2555	rVV	1161471	1653260	8.45%	0.503%
65	18.051	2555	2561	2565	rVV2	2905346	5216338	26.67%	1.588%
66	18.092	2565	2568	2574	rVB	1910712	2543437	13.00%	0.775%
67	18.369	2611	2615	2620	rVV	1429143	1926800	9.85%	0.587%
68	18.622	2654	2658	2662	rBV3	381893	540318	2.76%	0.165%
69	18.792	2677	2687	2692	rBV2	1186304	2304193	11.78%	0.702%
70	18.857	2692	2698	2700	rBV2	649724	1180180	6.03%	0.359%
71	18.886	2700	2703	2707	rVB	639173	774586	3.96%	0.236%

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72	19.057	2726	2732	2741	rBV	3408253	4799451	24.53%	1.462%
73	19.210	2753	2758	2763	rVB	1893096	2407190	12.31%	0.733%
74	19.392	2783	2789	2792	rBV	7033612	10522326	53.79%	3.204%
75	19.422	2792	2794	2804	rVB	5038799	5988354	30.61%	1.824%
76	19.757	2846	2851	2861	rVB2	559508	1093676	5.59%	0.333%
77	19.898	2868	2875	2876	rVV	562794	961315	4.91%	0.293%
78	19.928	2876	2880	2885	rVV	1235895	1770890	9.05%	0.539%
79	20.028	2893	2897	2903	rVV	1144064	1554888	7.95%	0.473%
80	20.086	2903	2907	2911	rVV	812688	1038554	5.31%	0.316%
81	20.227	2927	2931	2934	rVV	600377	829514	4.24%	0.253%
82	20.275	2934	2939	2947	rVB	844927	1363720	6.97%	0.415%
83	20.892	3040	3044	3047	rVV	460063	544614	2.78%	0.166%
84	20.957	3052	3055	3067	rVB5	518690	1007646	5.15%	0.307%
85	21.210	3091	3098	3102	rBV3	7949976	12732500	65.09%	3.877%
86	21.245	3102	3104	3111	rVB	1627764	1970059	10.07%	0.600%
87	21.639	3167	3171	3179	rVB2	512666	636531	3.25%	0.194%
88	21.763	3186	3192	3196	rVB	624570	940427	4.81%	0.286%
89	21.980	3226	3229	3237	rVB	496840	703825	3.60%	0.214%
90	22.304	3280	3284	3288	rVB	478906	630178	3.22%	0.192%
91	22.757	3356	3361	3365	rBV2	445181	1058820	5.41%	0.322%
92	22.798	3365	3368	3379	rVB2	739581	1216603	6.22%	0.370%
93	23.216	3434	3439	3442	rBV	336055	600991	3.07%	0.183%
94	23.269	3442	3448	3453	rVV2	4294111	7743581	39.58%	2.358%
95	23.310	3453	3455	3460	rVV	760318	976436	4.99%	0.297%
96	23.363	3460	3464	3466	rVV	467653	706206	3.61%	0.215%
97	23.404	3466	3471	3478	rVB2	4218614	7613204	38.92%	2.318%
98	23.992	3566	3571	3578	rBV	447631	808069	4.13%	0.246%
99	24.727	3690	3696	3708	rVB2	354781	811022	4.15%	0.247%
100	25.574	3834	3840	3851	rVB3	403570	1061940	5.43%	0.323%

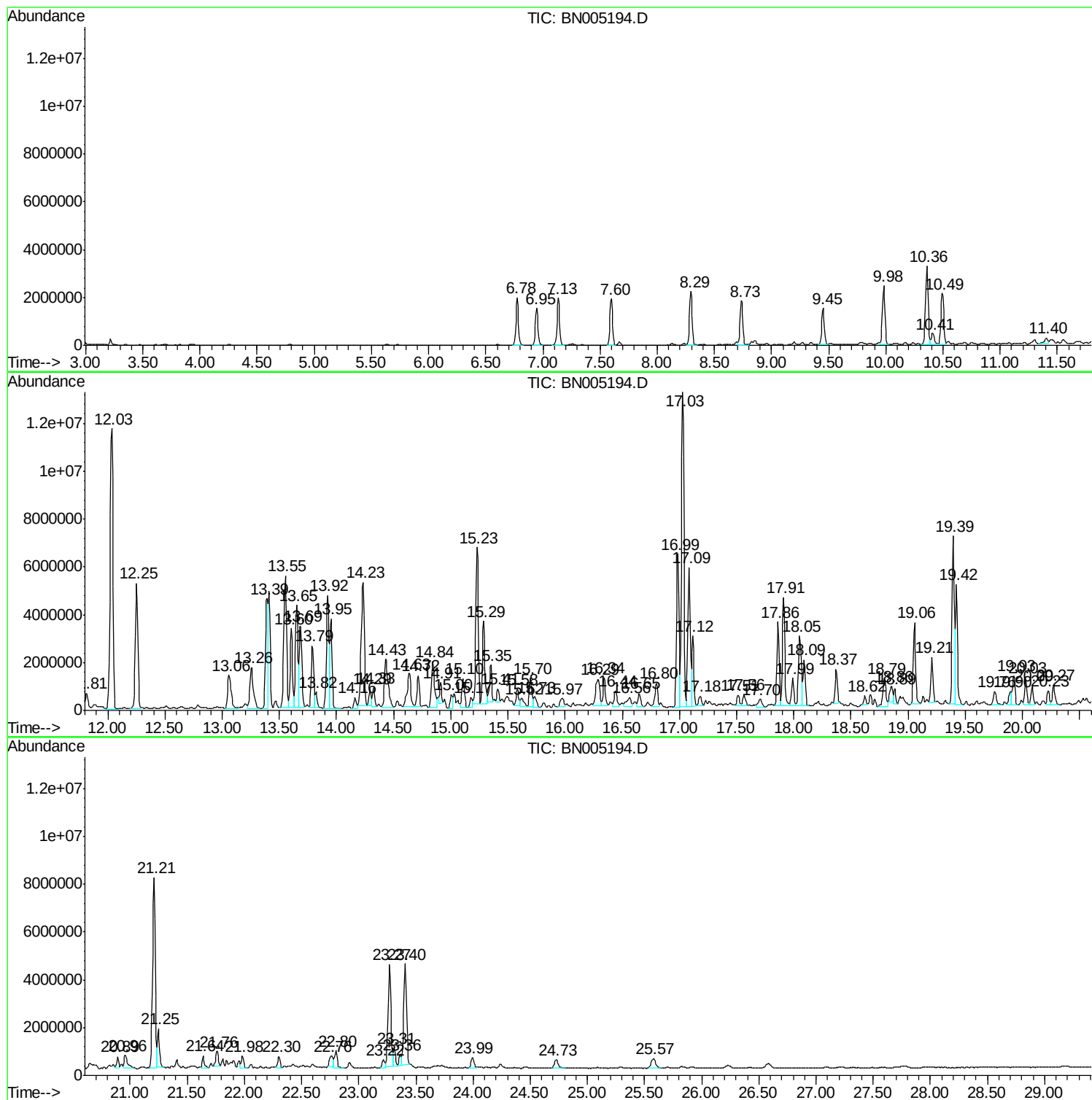
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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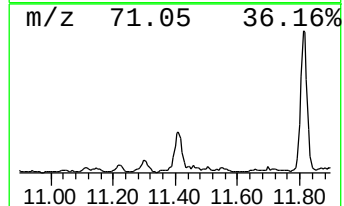
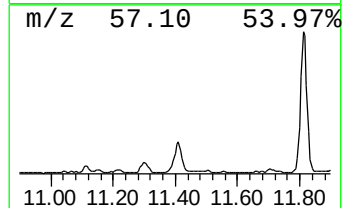
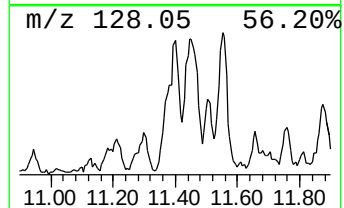
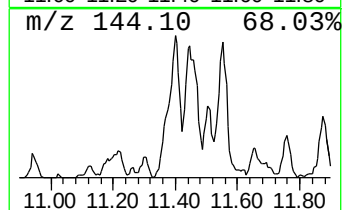
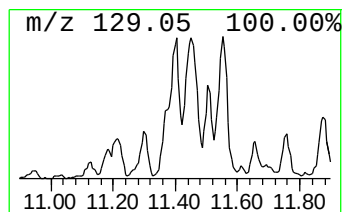
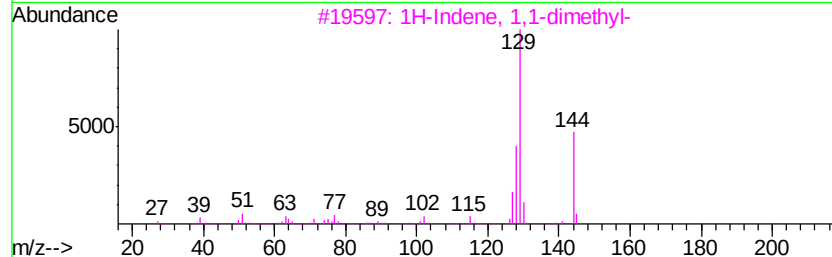
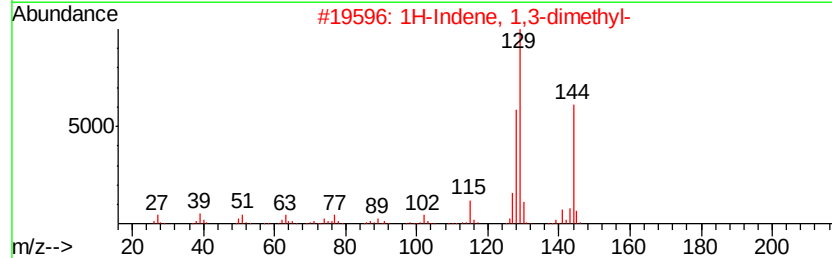
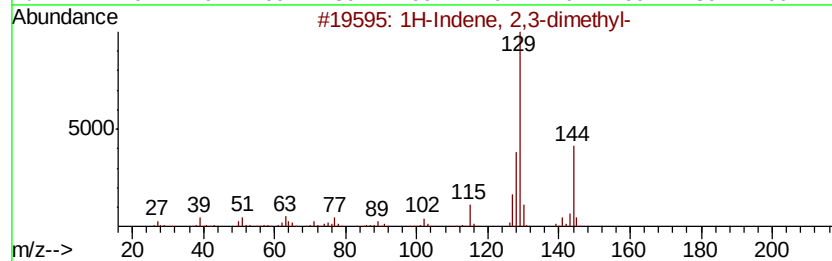
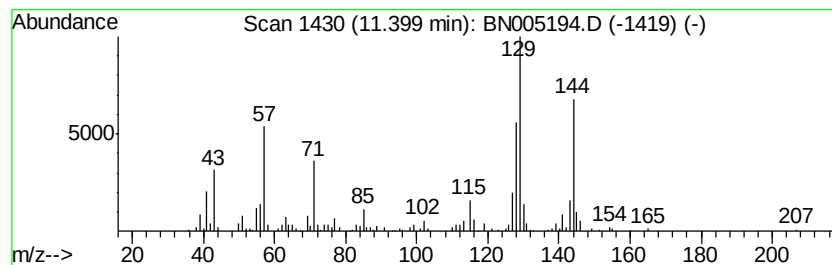
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1H-Indene, 2,3-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	2.17 ng/ul	586260	Naphthalene-d8	10.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, 2,3-dimethyl-	144 C11H12	004773-82-4	96
2	1H-Indene, 1,3-dimethyl-	144 C11H12	002177-48-2	95
3	1H-Indene, 1,1-dimethyl-	144 C11H12	018636-55-0	92
4	1H-Indene, 1,1-dimethyl-	144 C11H12	018636-55-0	89
5	1H-Indene, 4,7-dimethyl-	144 C11H12	006974-97-6	76



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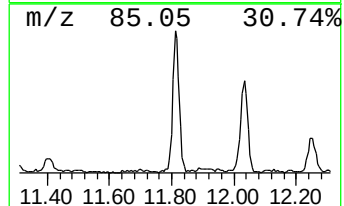
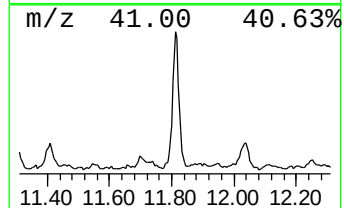
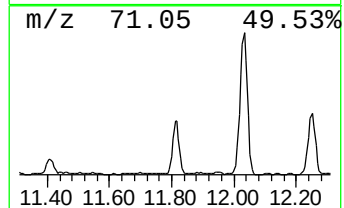
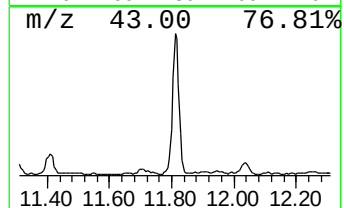
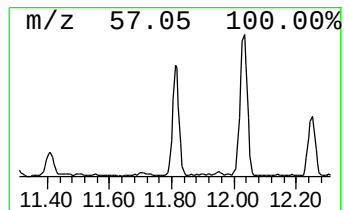
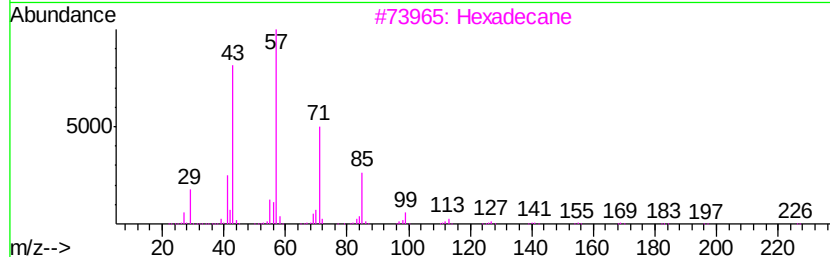
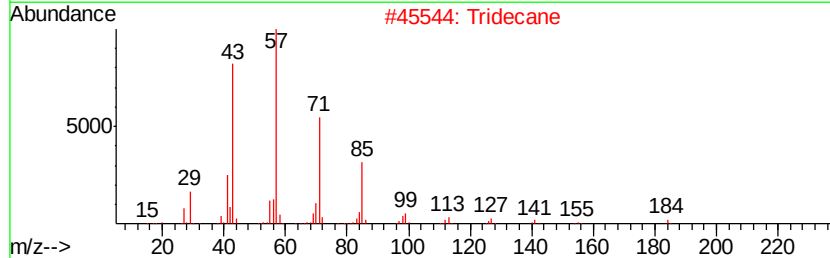
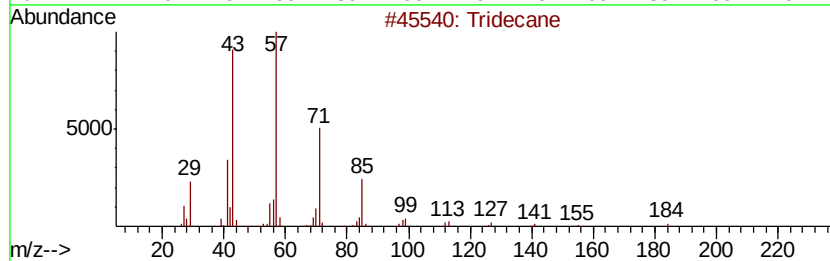
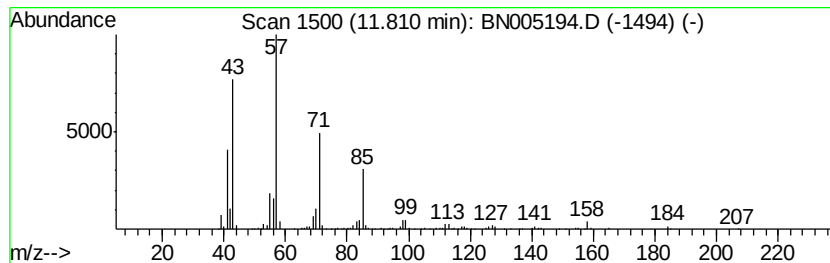
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	3.80 ng/ul	1028530	Napthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Tridecane	184	C13H28	000629-50-5	87
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tetradecane	198	C14H30	000629-59-4	86
5		Dodecane	170	C12H26	000112-40-3	86



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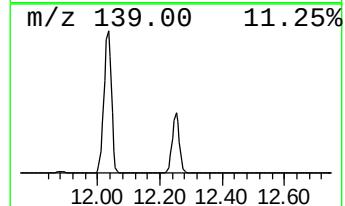
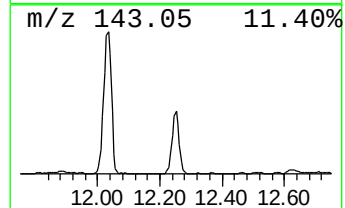
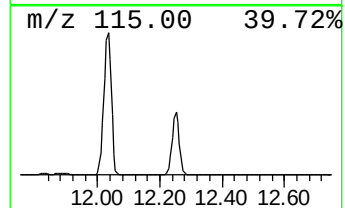
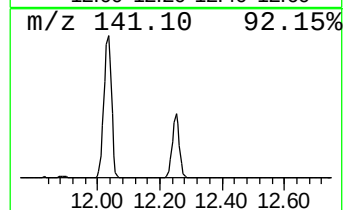
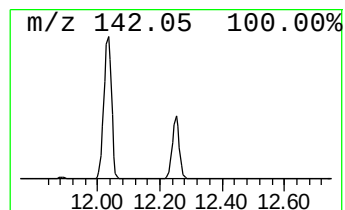
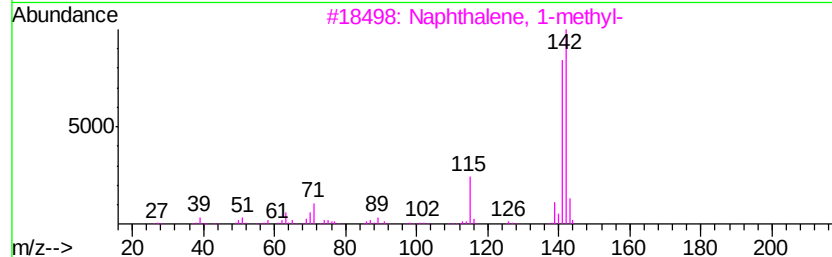
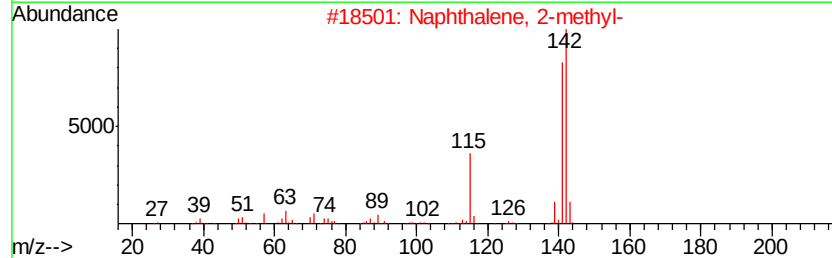
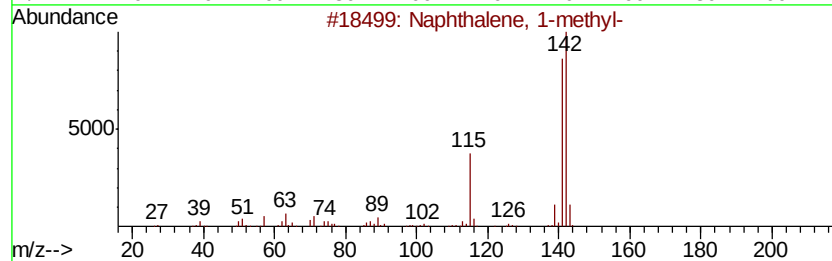
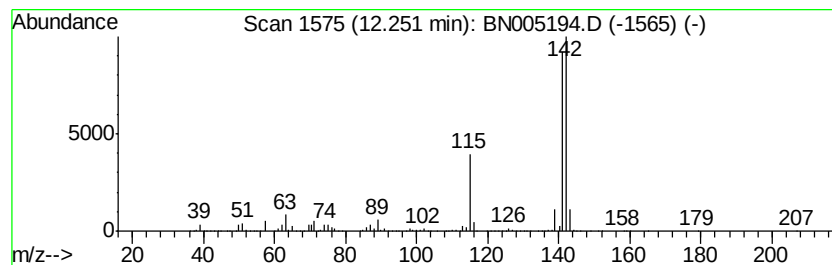
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.25	30.80 ng/ul	8339290	Naphthalene-d8	10.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	94
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94



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Acq On : 23 Apr 2019 03:20
Operator : JU/SJ
Sample : K2455-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

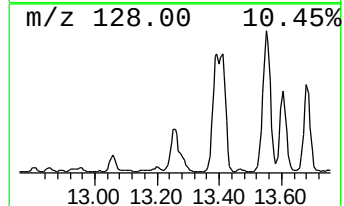
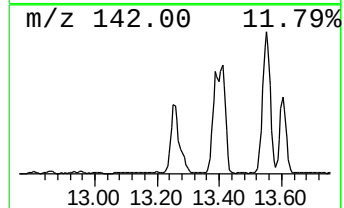
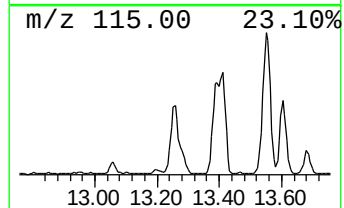
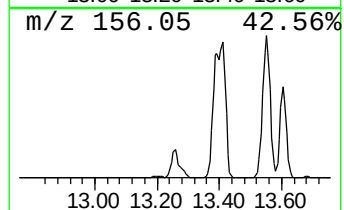
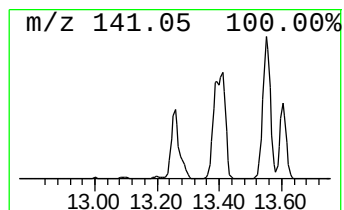
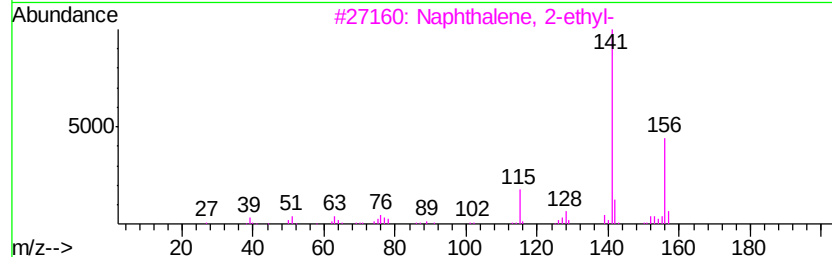
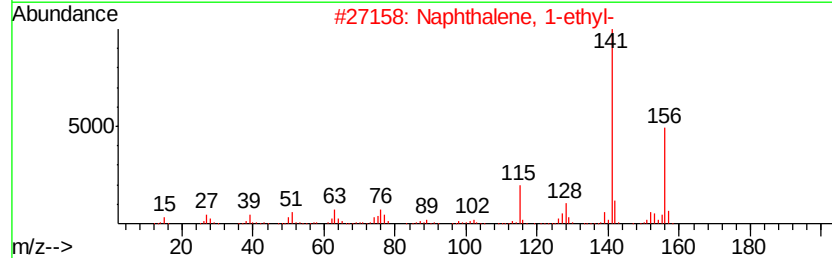
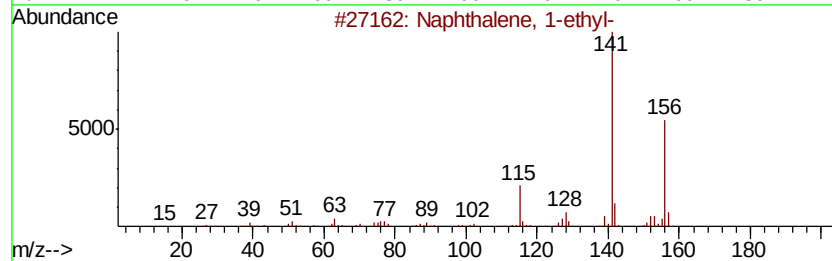
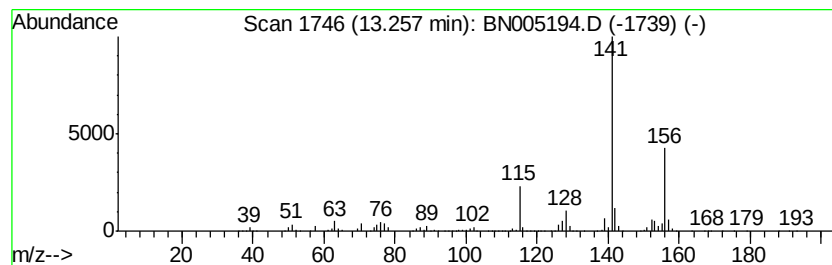
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	7.22 ng/ul	3548990	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
3		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
5		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005194.D
Acq On : 23 Apr 2019 03:20
Operator : JU/SJ
Sample : K2455-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

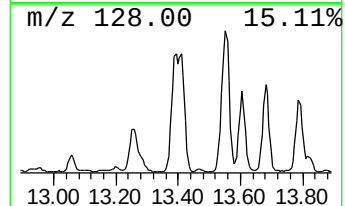
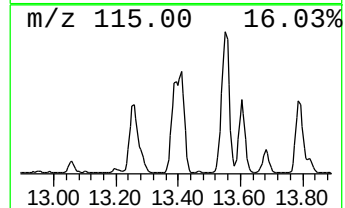
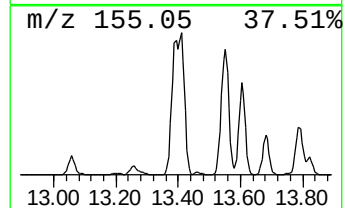
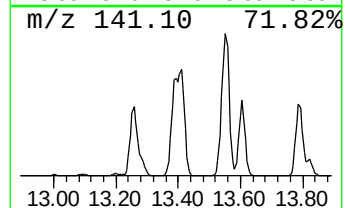
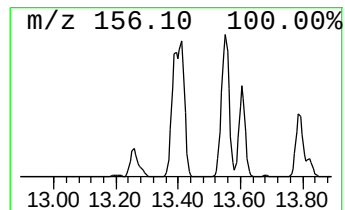
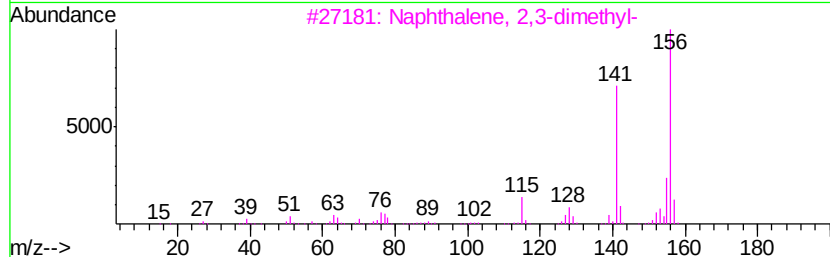
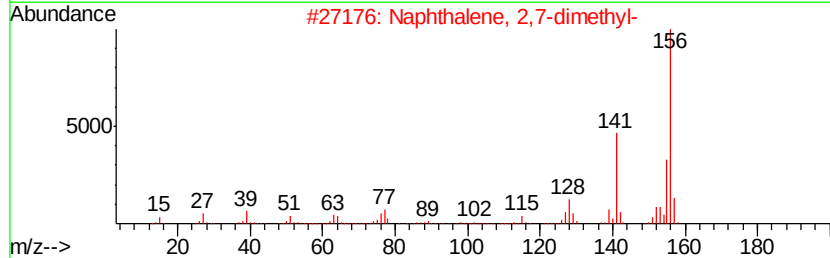
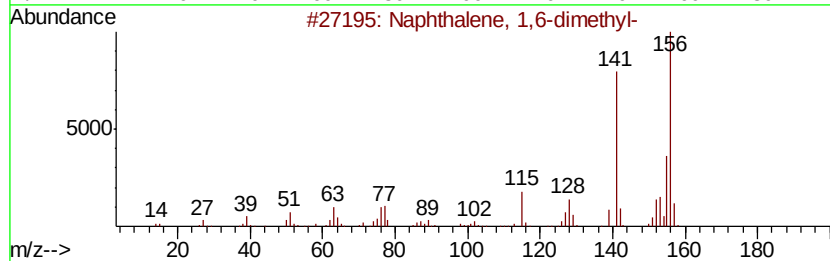
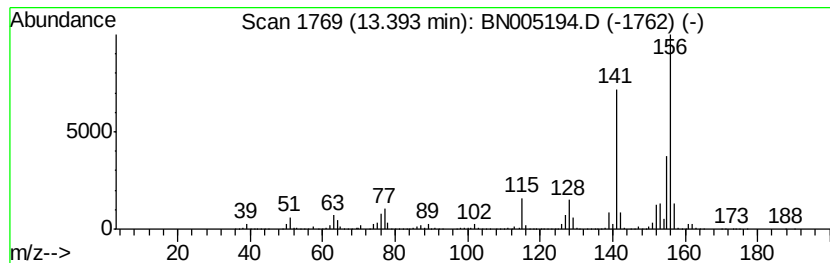
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	13.98 ng/ul	6871290	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Acq On : 23 Apr 2019 03:20
Operator : JU/SJ
Sample : K2455-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

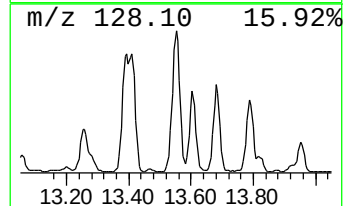
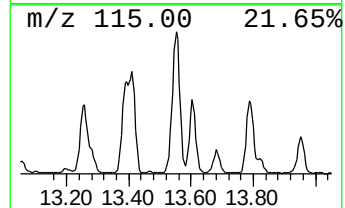
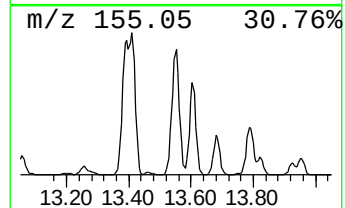
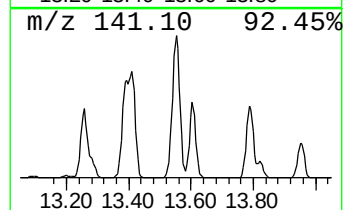
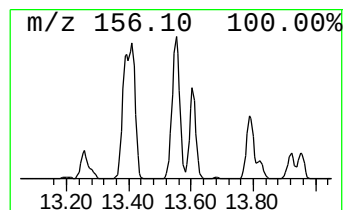
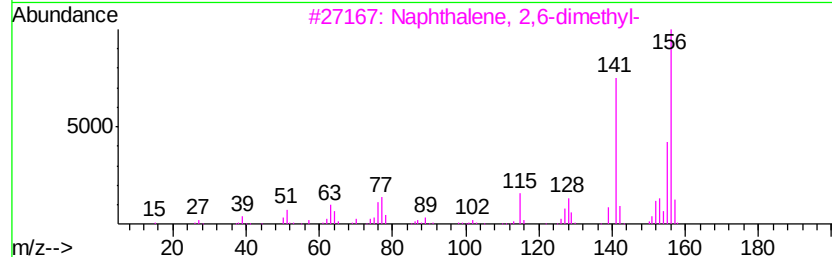
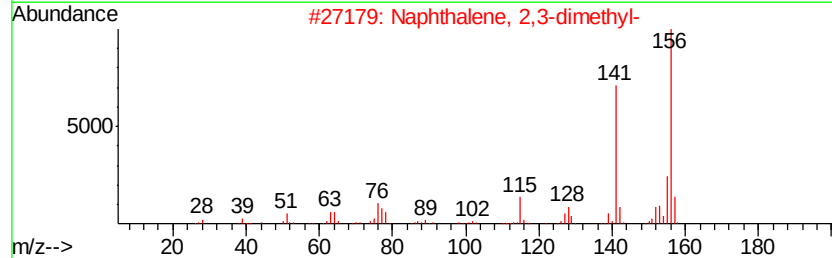
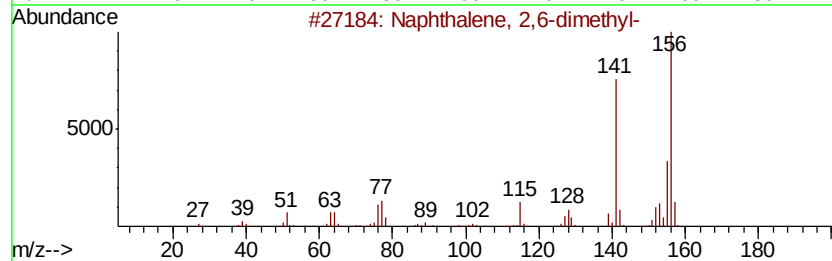
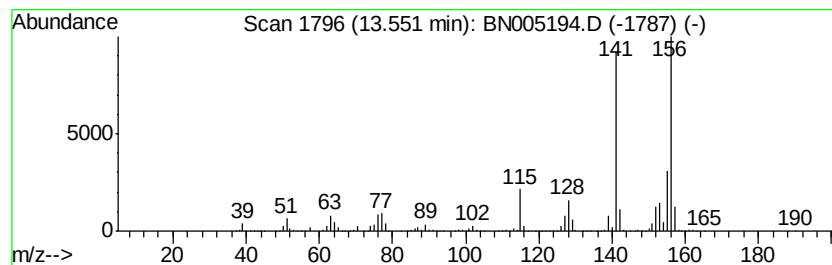
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	19.63 ng/ul	9650140	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005194.D
Acq On : 23 Apr 2019 03:20
Operator : JU/SJ
Sample : K2455-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

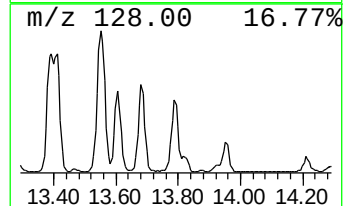
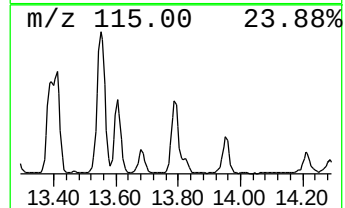
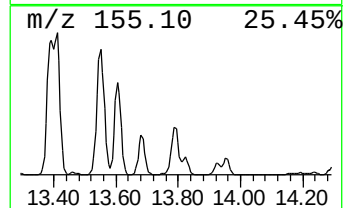
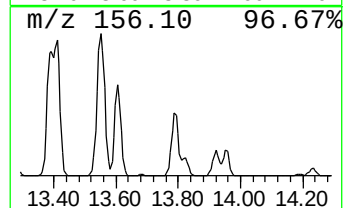
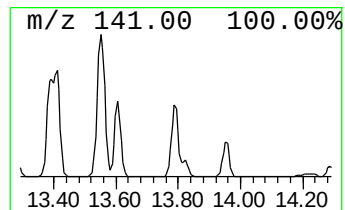
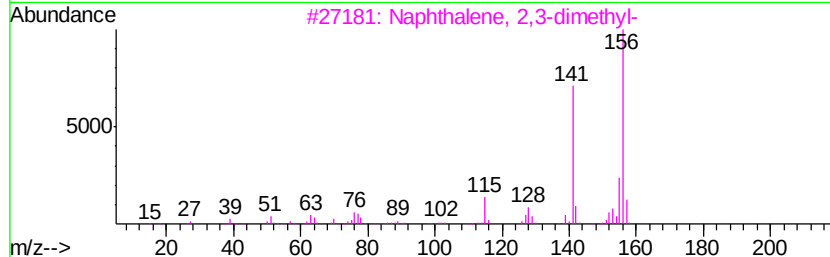
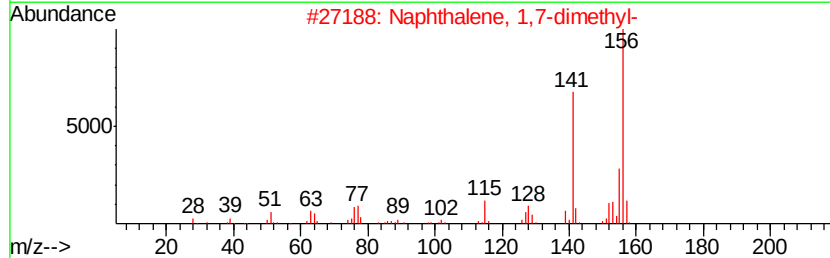
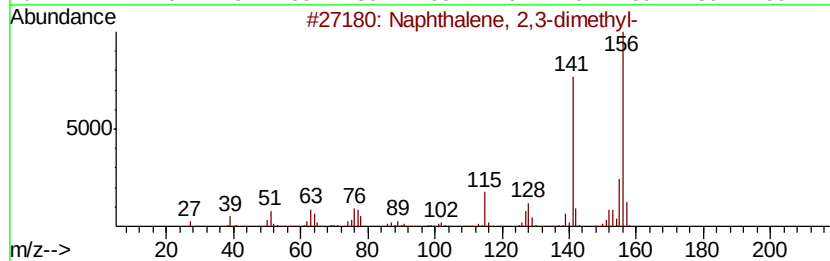
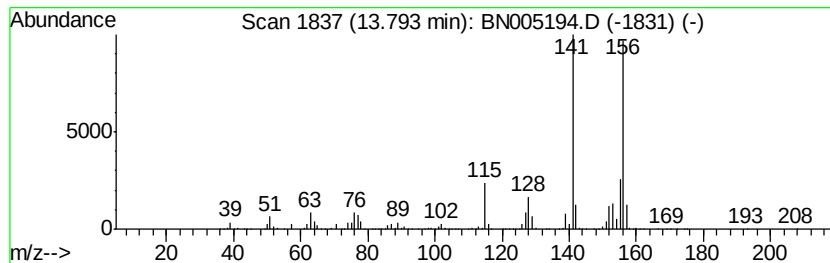
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	8.20 ng/ul	4030860	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005194.D
Acq On : 23 Apr 2019 03:20
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Sample : K2455-09
Misc :
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Instrument :
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ClientSampleId :
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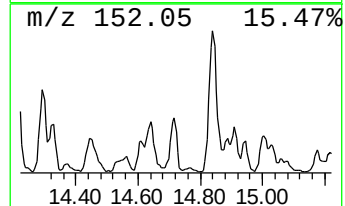
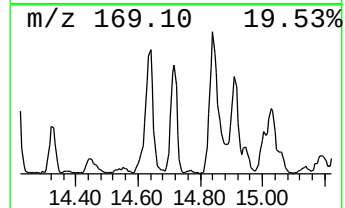
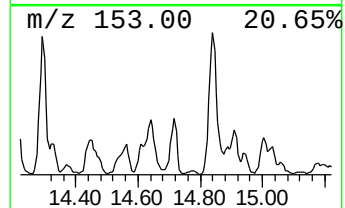
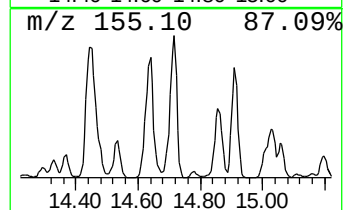
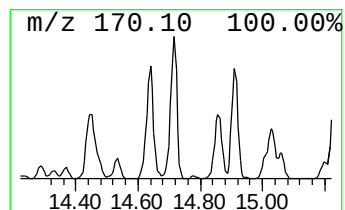
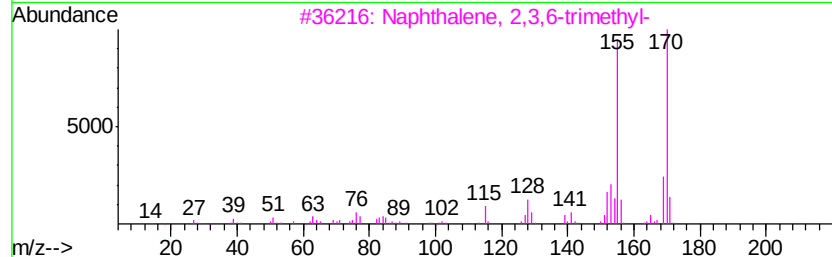
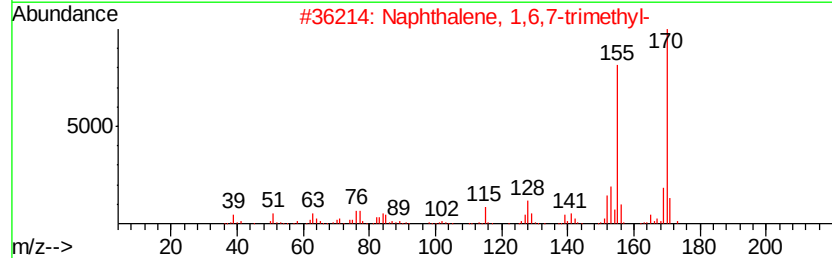
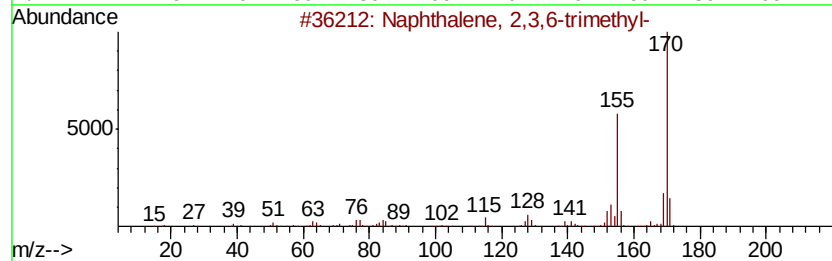
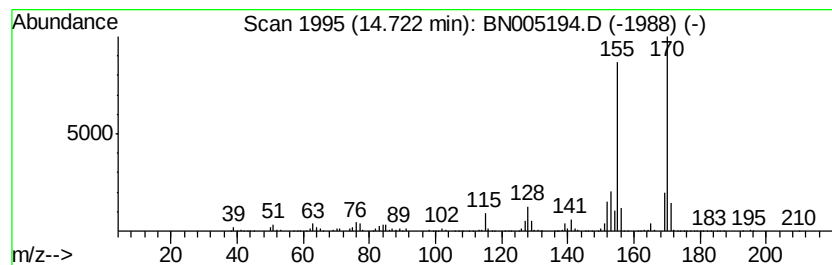
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	3.70 ng/ul	1820640	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
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\BN042219\
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Sample : K2455-09
Misc :
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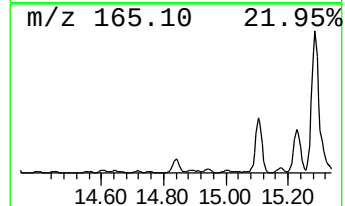
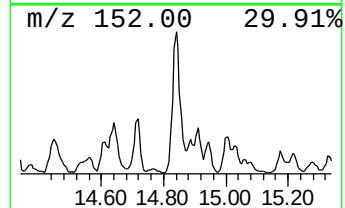
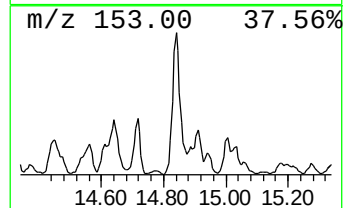
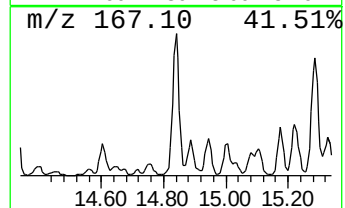
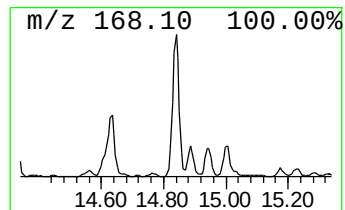
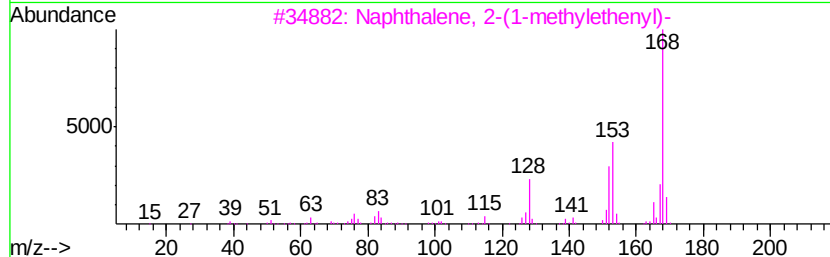
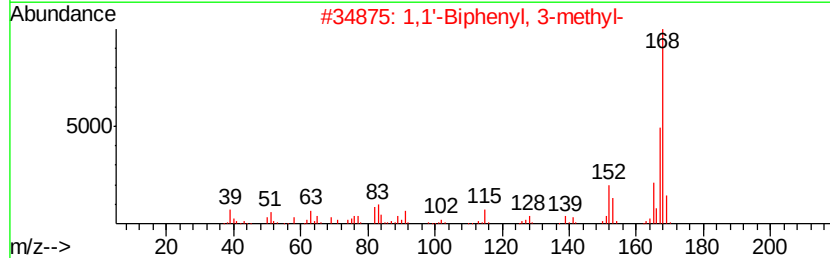
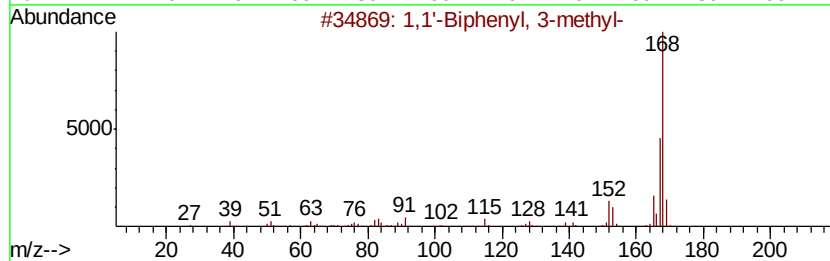
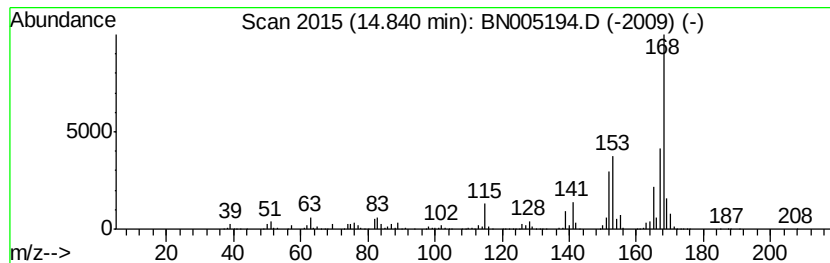
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	7.61 ng/ul	3740810	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6 83
2		1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6 81
3		Naphthalene, 2-(1-methylethenyl)-	168 C13H12	003710-23-4 62
4		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 52
5		2,4-Dimethoxy-5-pyrimidine carbo...	168 C7H8N2O3	052606-02-7 50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005194.D
Acq On : 23 Apr 2019 03:20
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ClientSampleId :
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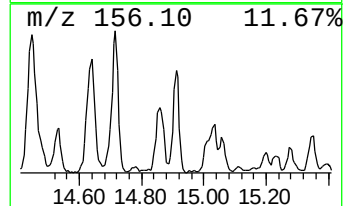
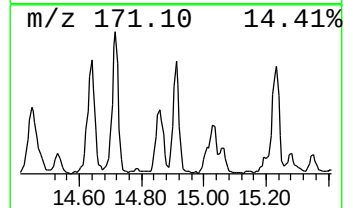
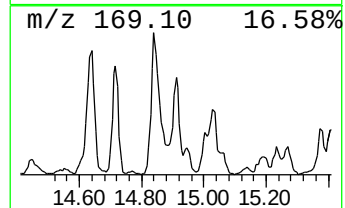
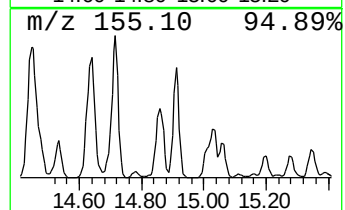
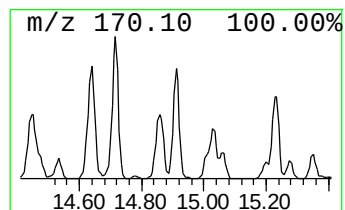
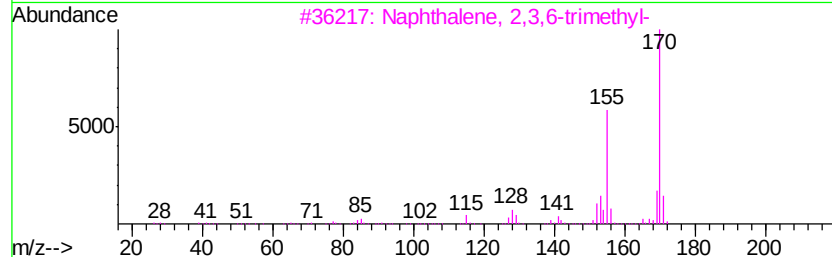
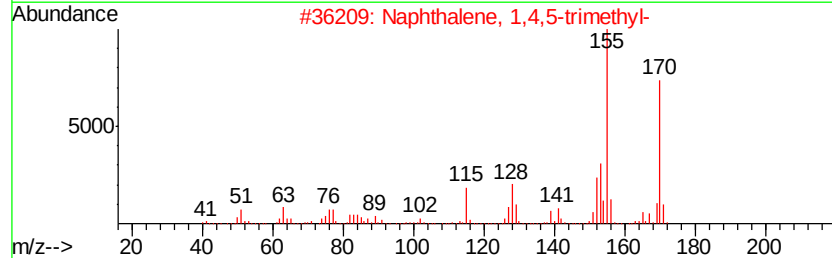
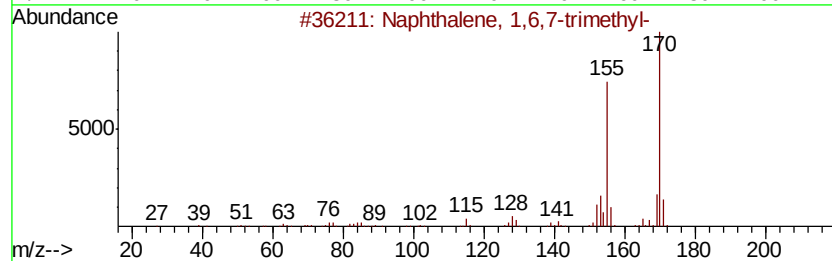
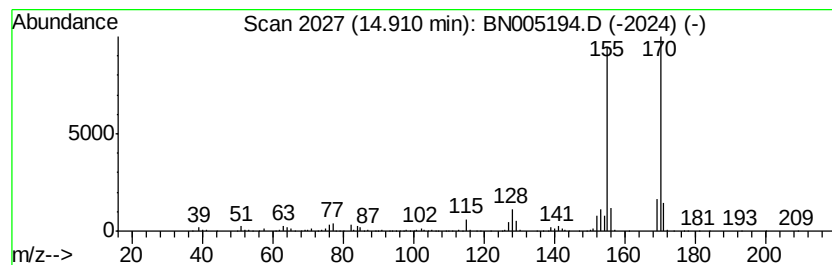
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	2.12 ng/ul	1041580	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005194.D
Acq On : 23 Apr 2019 03:20
Operator : JU/SJ
Sample : K2455-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ9

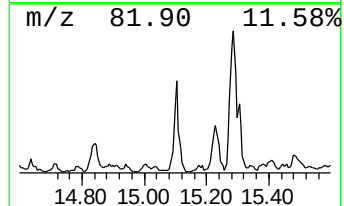
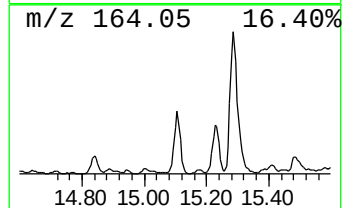
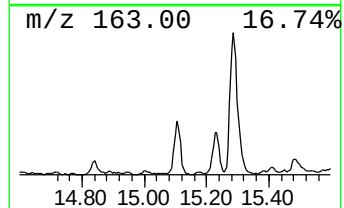
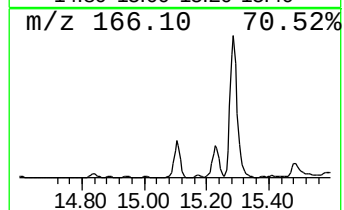
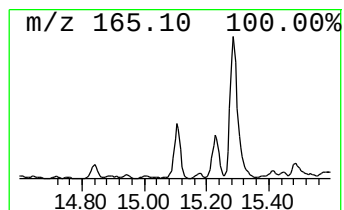
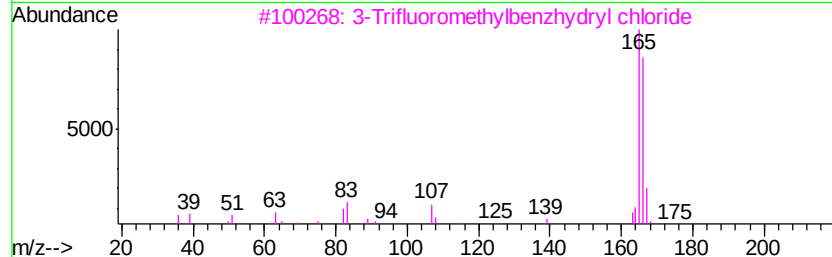
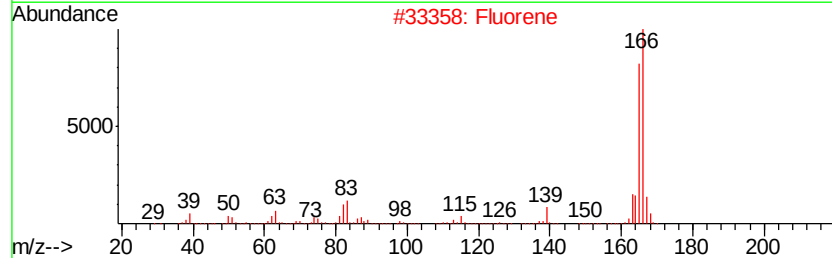
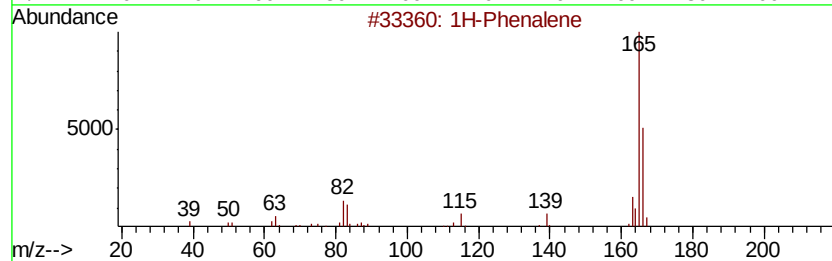
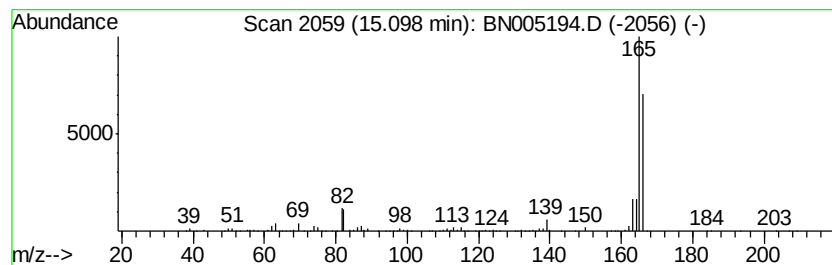
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1H-Phenalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.06 ng/ul	1998240	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Phenalene	166	C13H10	000203-80-5	64
2			Fluorene	166	C13H10	000086-73-7	58
3			3-Trifluoromethylbenzhvdrvl chlo...	270	C14H10ClF3	067240-79-3	50
4			1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	40
5			1,6-Dimethyl[1,2,4]triazolo[3,4-...	165	C6H7N5O	1000146-89-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Operator : JU/SJ
Sample : K2455-09
Misc :
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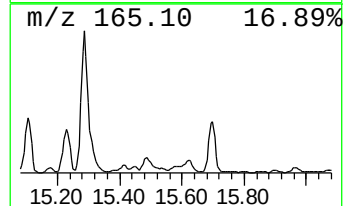
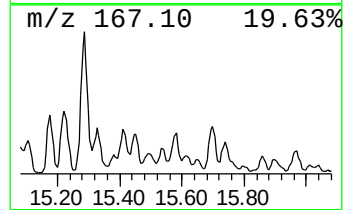
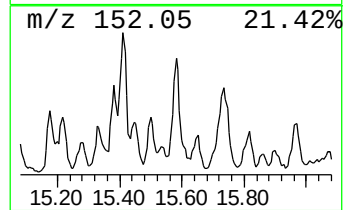
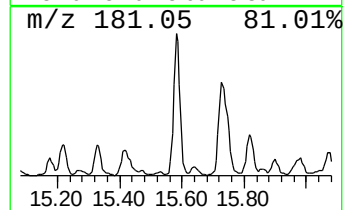
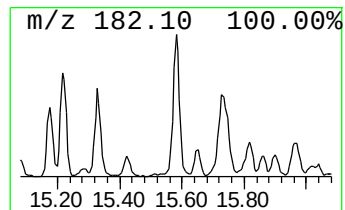
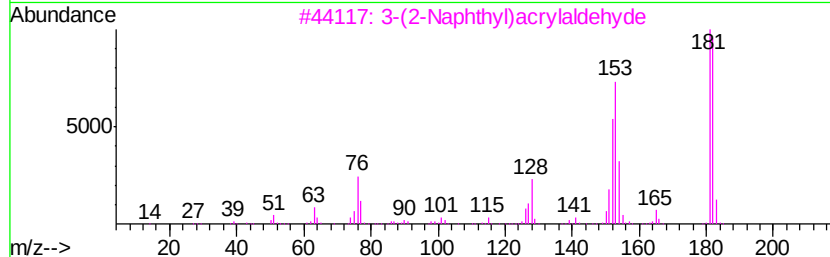
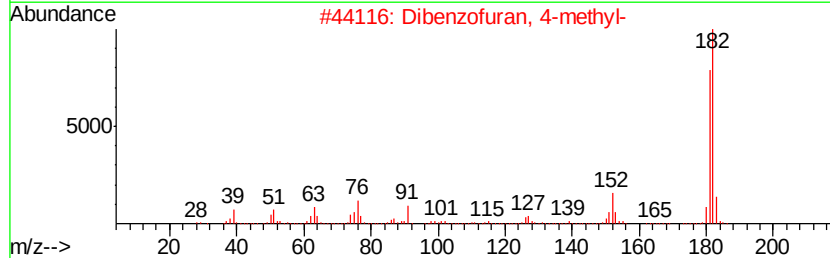
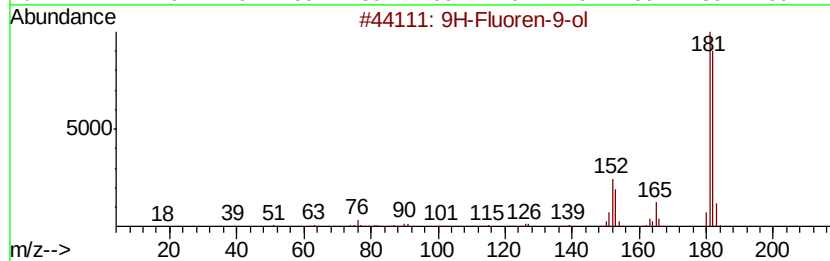
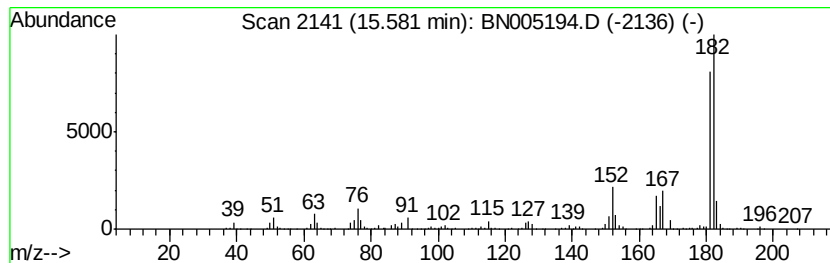
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 9H-Fluoren-9-ol Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	2.33 ng/ul	1146670	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9H-Fluoren-9-ol	182 C13H10O	001689-64-1	87
2	Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8	81
3	3-(2-Naphthyl)acrylaldehyde	182 C13H10O	020884-05-3	64
4	3,3'-Dimethylbiphenyl	182 C14H14	000612-75-9	60
5	Benzaldehyde, 4-hydroxy-3,5-dime...	182 C9H10O4	000134-96-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005194.D
Acq On : 23 Apr 2019 03:20
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Sample : K2455-09
Misc :
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Instrument :
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ClientSampleId :
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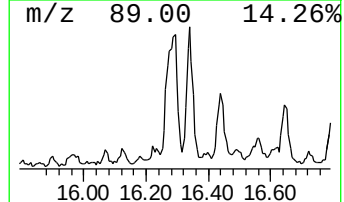
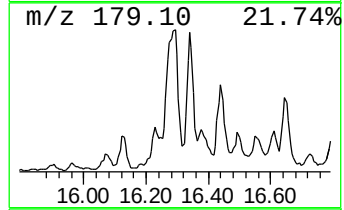
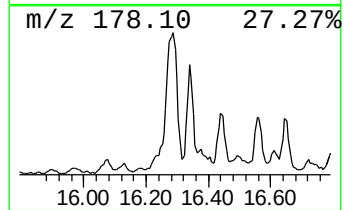
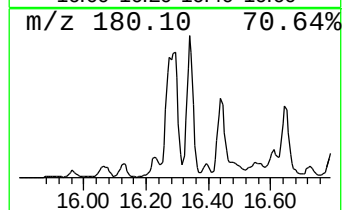
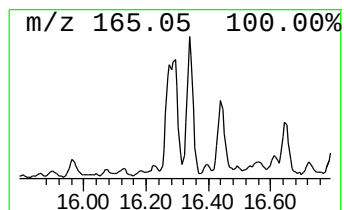
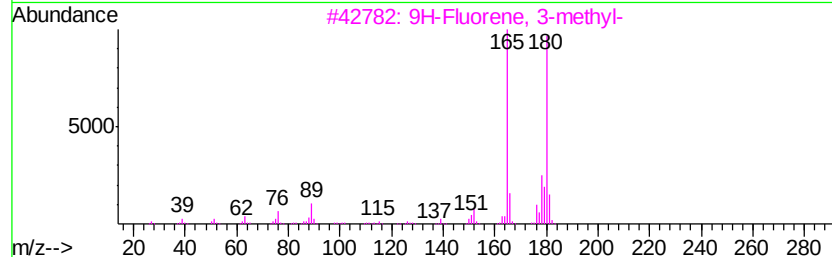
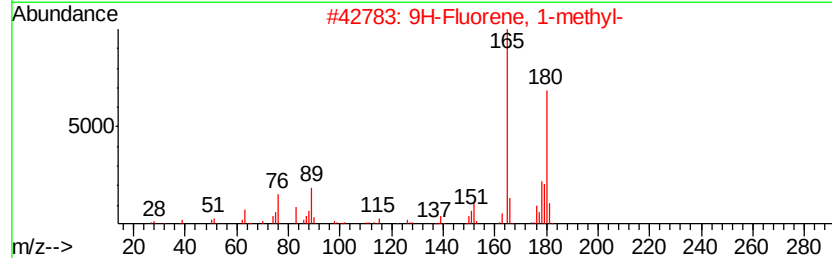
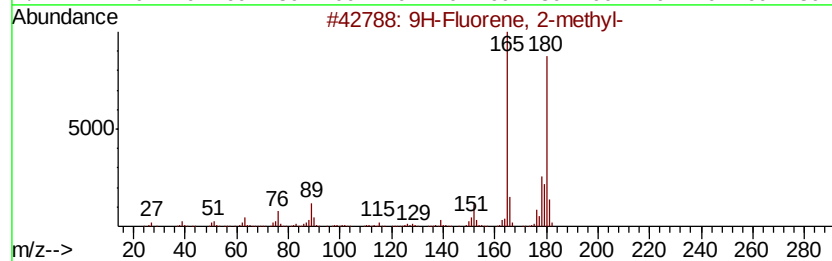
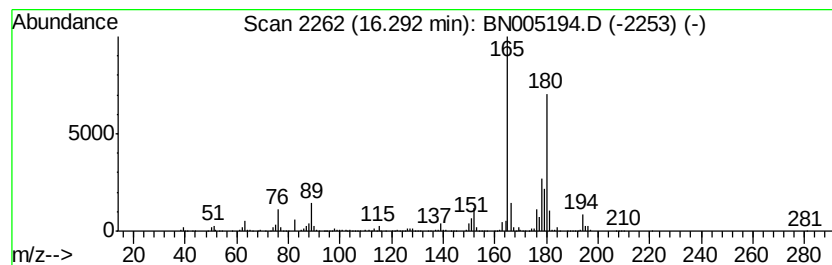
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 9H-Fluorene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	5.86 ng/ul	2844970	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
5			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005194.D
Acq On : 23 Apr 2019 03:20
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Sample : K2455-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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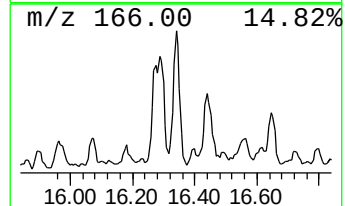
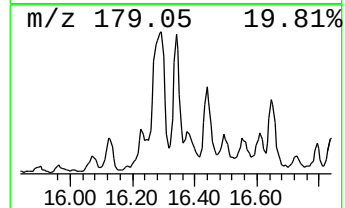
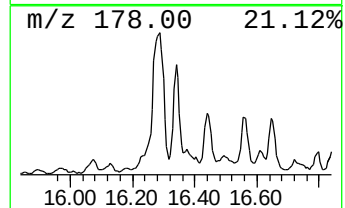
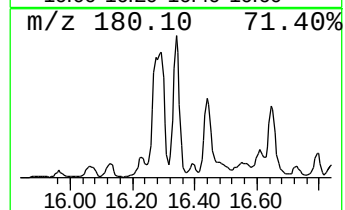
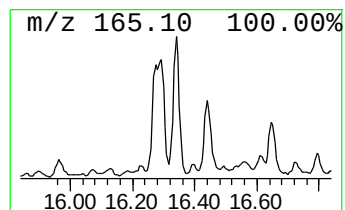
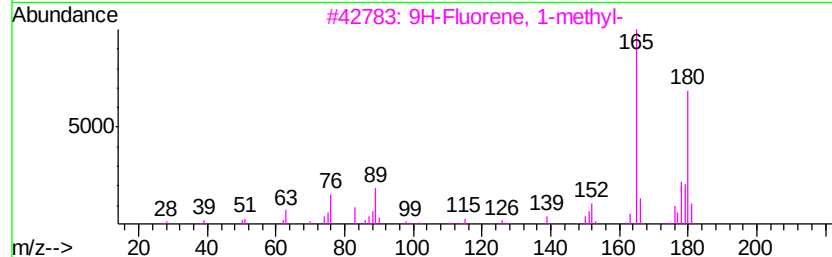
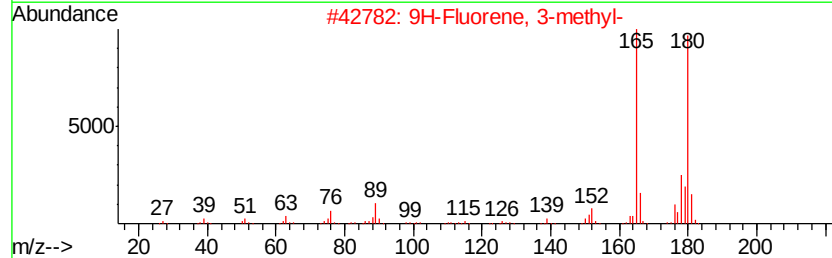
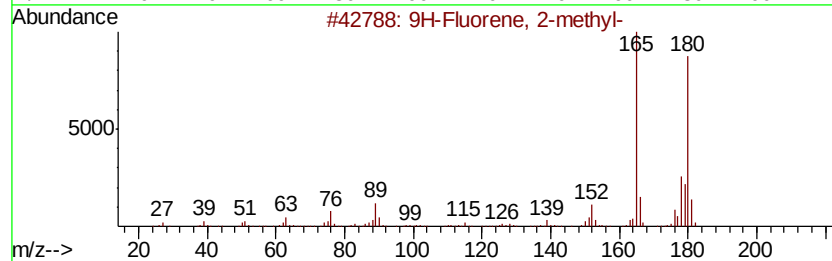
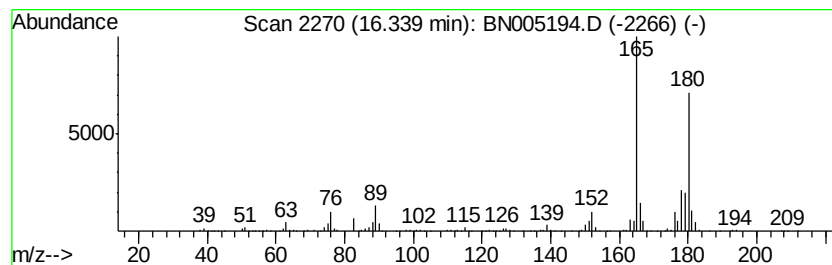
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 9H-Fluorene, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	3.63 ng/ul	1762340	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
4			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
5			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005194.D
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Sample : K2455-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

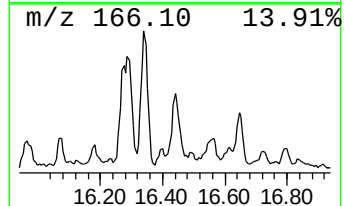
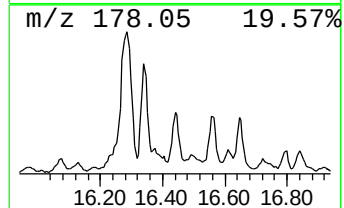
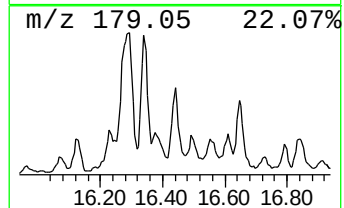
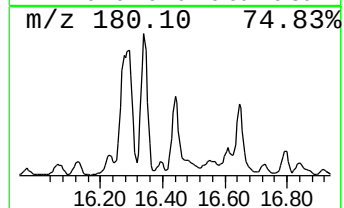
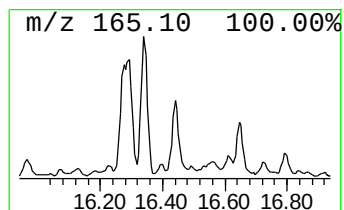
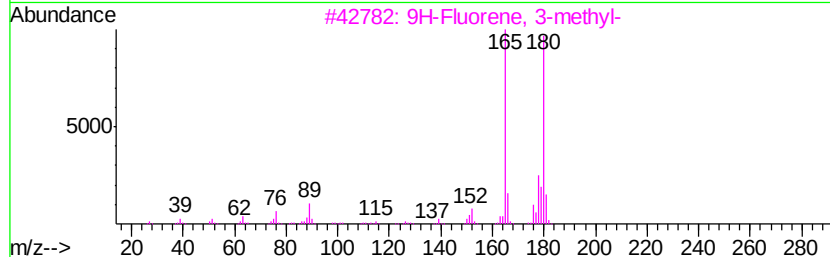
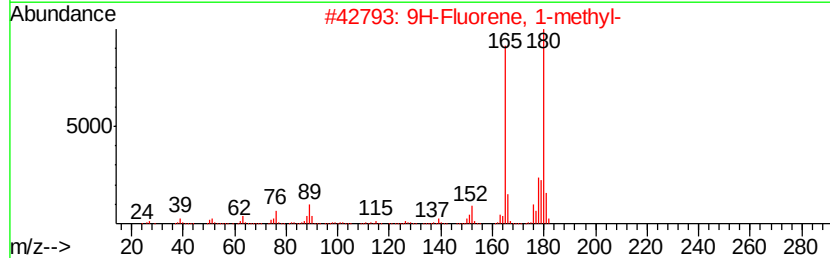
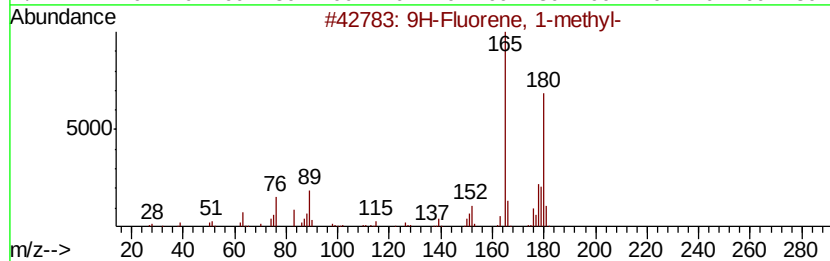
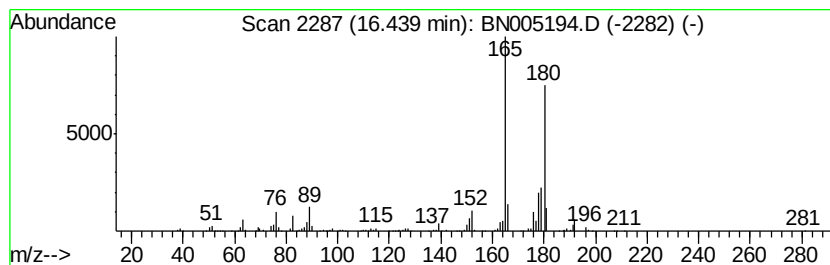
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 9H-Fluorene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.44	2.34 ng/ul	1136400	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96	
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96	
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95	
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94	
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Acq On : 23 Apr 2019 03:20
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Misc :
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Instrument :
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ClientSampleId :
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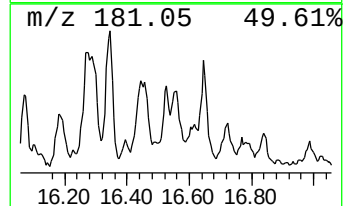
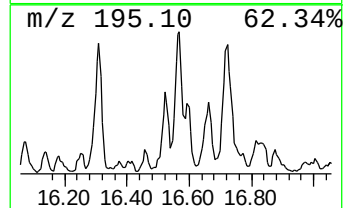
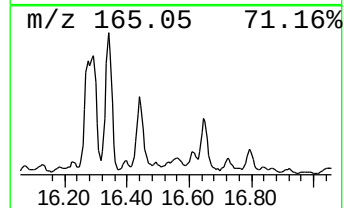
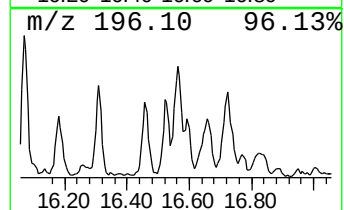
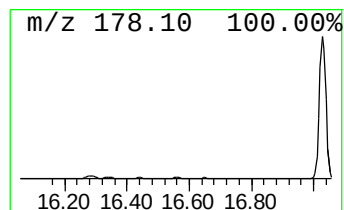
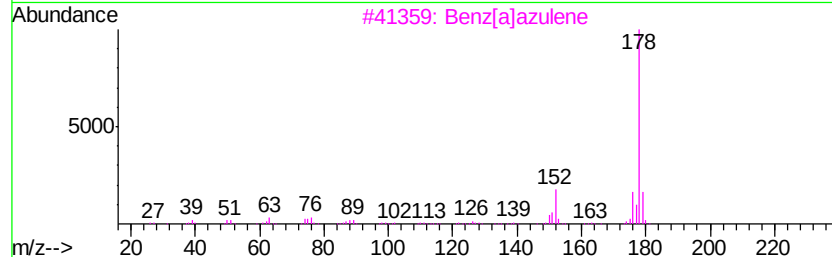
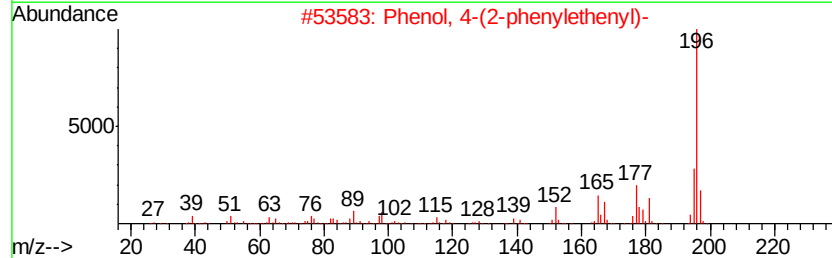
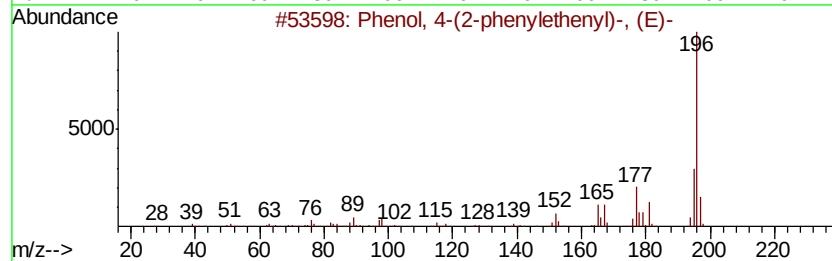
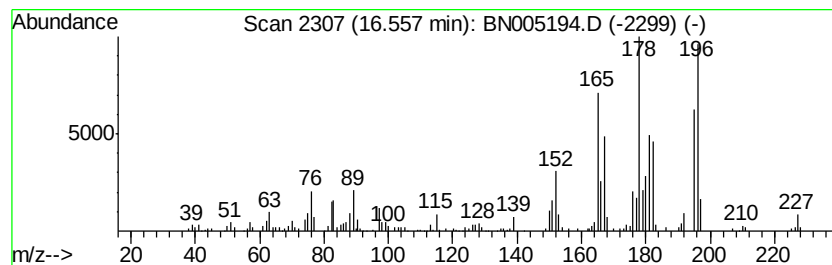
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Phenol, 4-(2-phenylethenyl)... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	2.12 ng/ul	1027730	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	50
2			Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	49
3			Benz[a]azulene	178	C14H10	000246-02-6	44
4			Oxirane, 2,3-diphenyl-	196	C14H12O	017619-97-5	43
5			Methanone, diphenyl-, hydrazone	196	C13H12N2	005350-57-2	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Acq On : 23 Apr 2019 03:20
Operator : JU/SJ
Sample : K2455-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

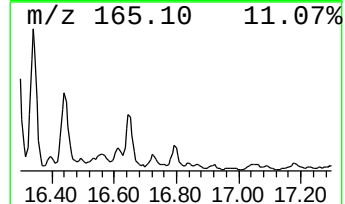
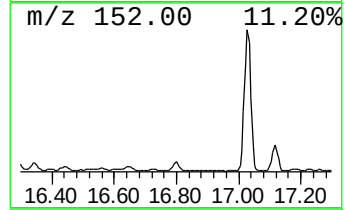
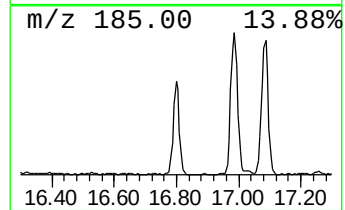
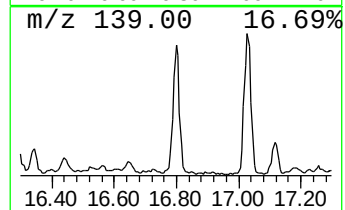
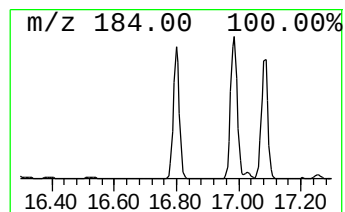
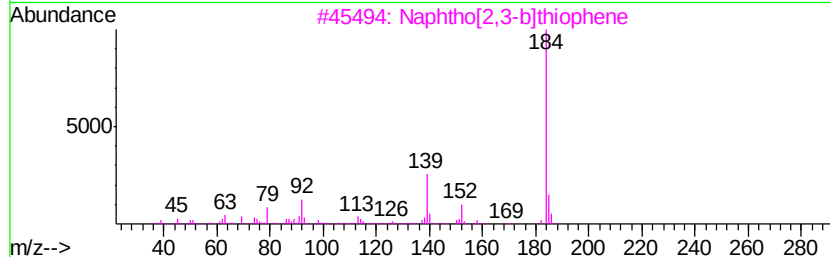
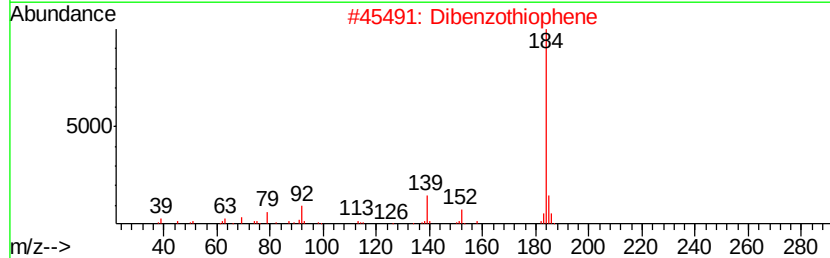
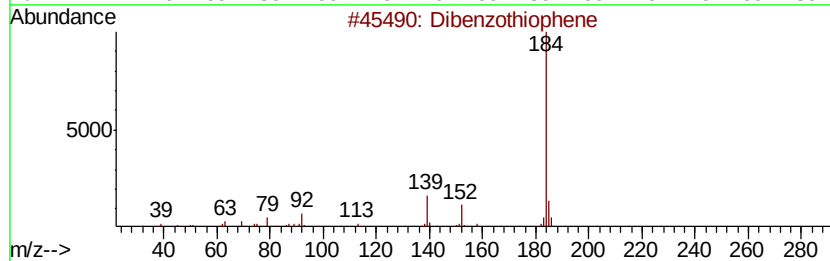
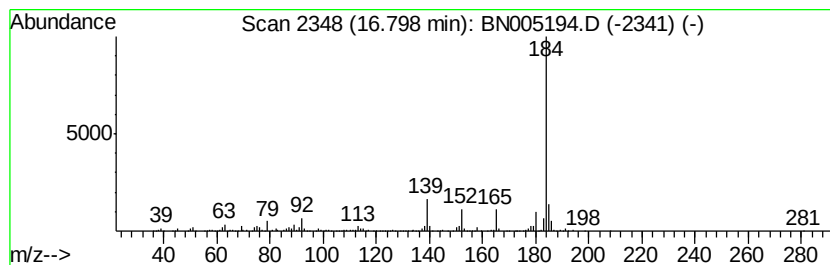
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 Dibenzothiophene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	3.33 ng/ul	1616120	Phenanthrene-d10	16.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0 95
2	Dibenzothiophene	184	C12H8S	000132-65-0 94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9 93
4	Dibenzothiophene	184	C12H8S	000132-65-0 91
5	Dibenzothiophene	184	C12H8S	000132-65-0 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005194.D
Acq On : 23 Apr 2019 03:20
Operator : JU/SJ
Sample : K2455-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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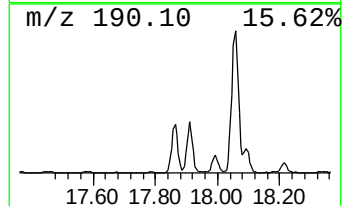
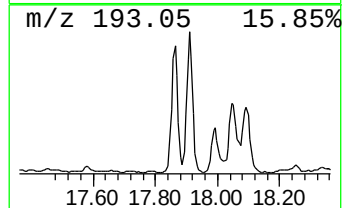
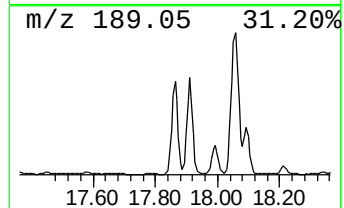
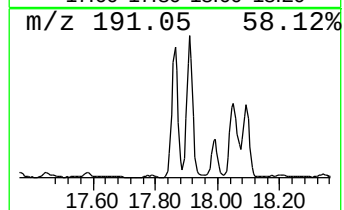
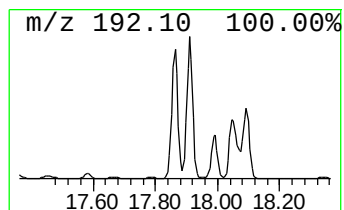
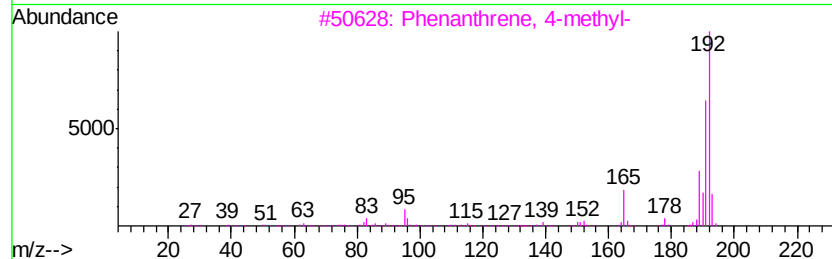
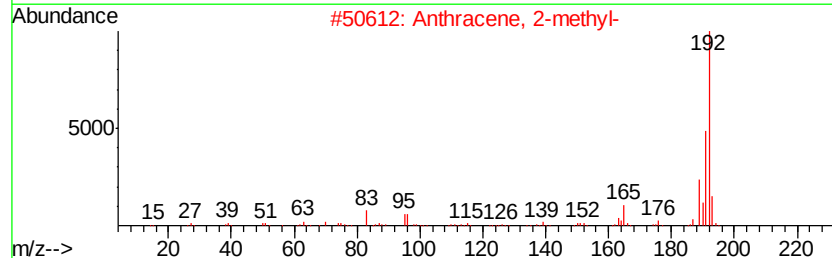
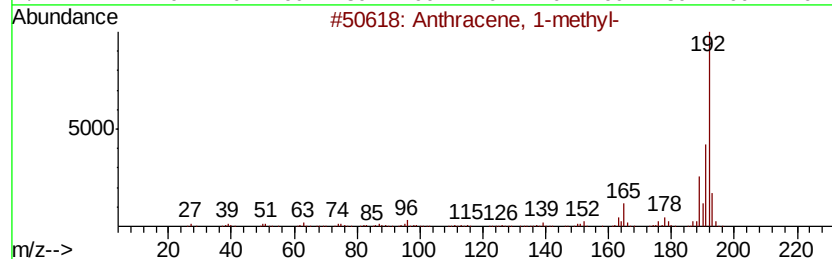
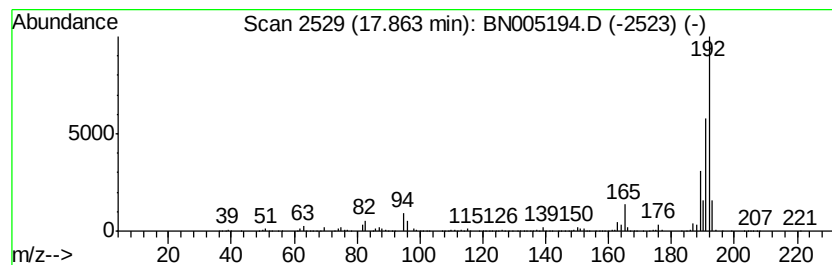
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	10.17 ng/ul	4942360	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005194.D
Acq On : 23 Apr 2019 03:20
Operator : JU/SJ
Sample : K2455-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ9

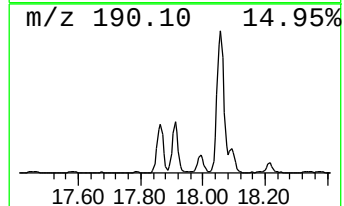
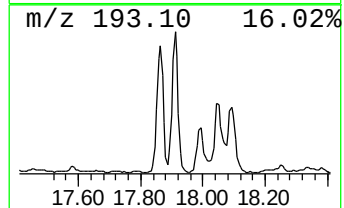
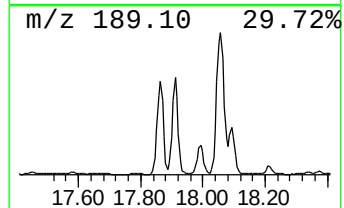
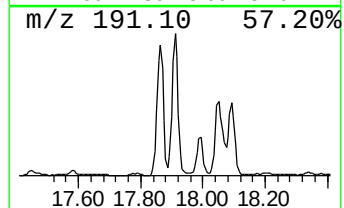
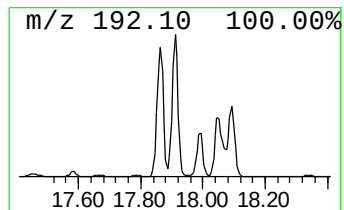
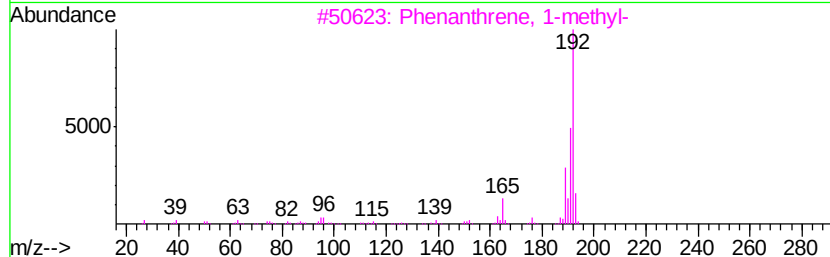
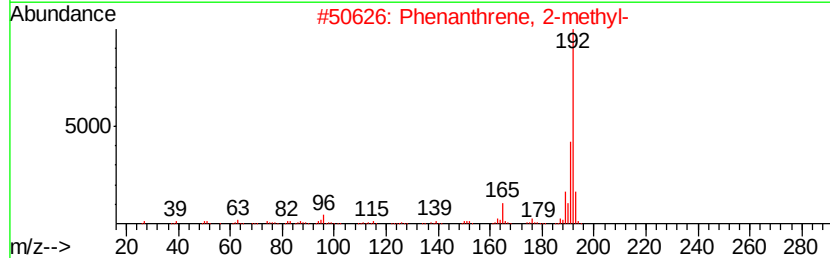
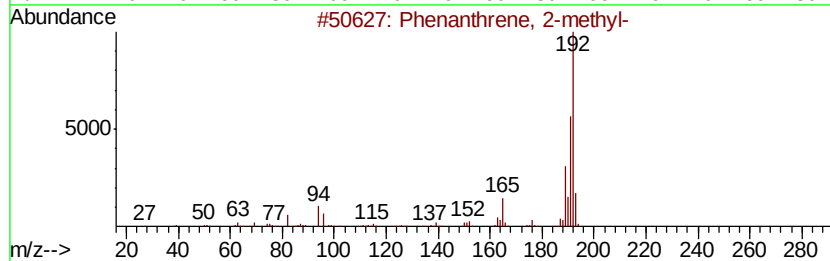
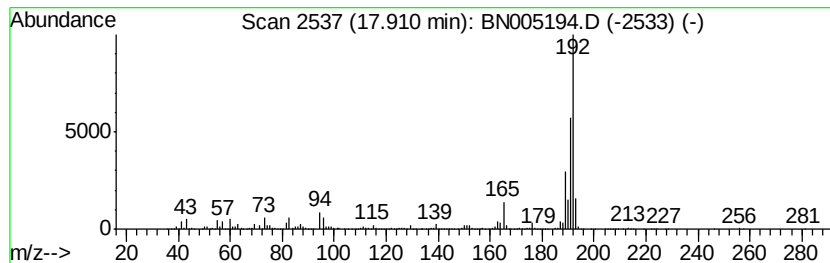
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	12.97 ng/ul	6301040	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5		1H-Cyclopropa[l]phenanthrene, 1a,...	192	C15H12	000949-41-7	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005194.D
Acq On : 23 Apr 2019 03:20
Operator : JU/SJ
Sample : K2455-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampled :
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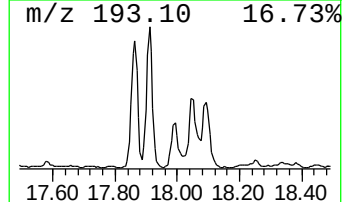
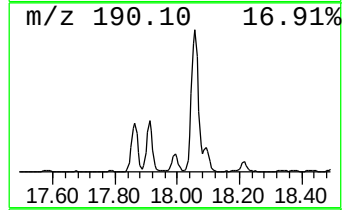
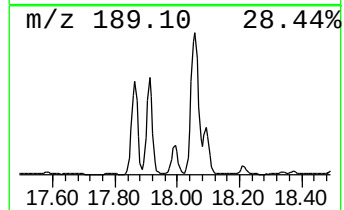
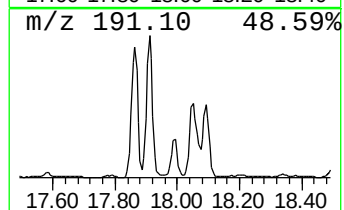
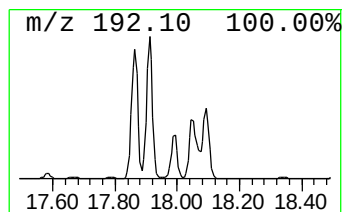
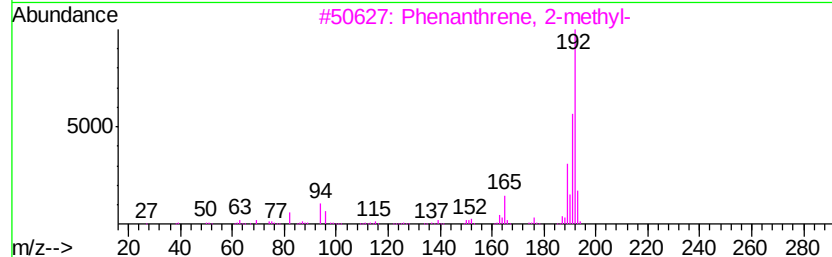
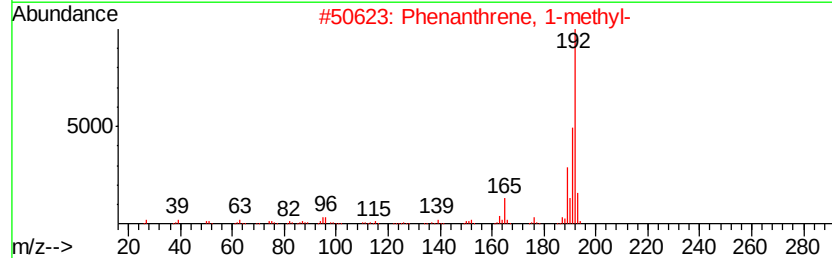
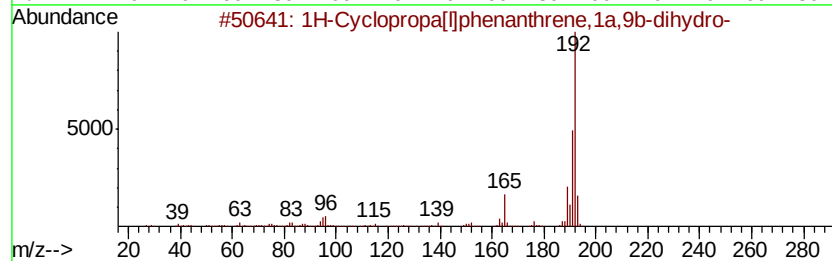
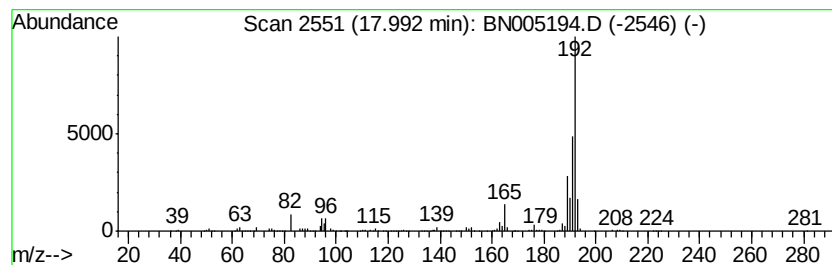
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1H-Cyclopropa[l]phenanthren... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.40 ng/ul	1653260	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Misc :
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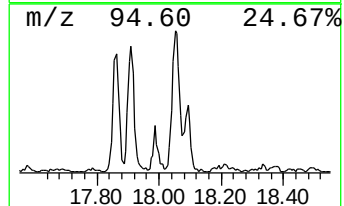
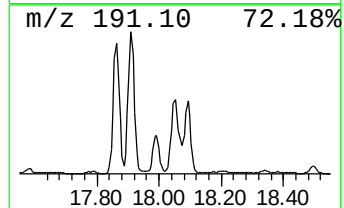
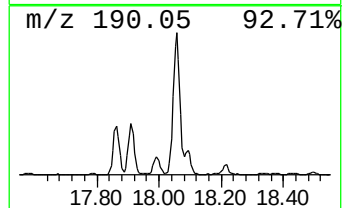
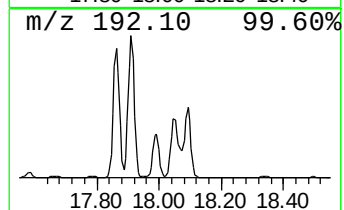
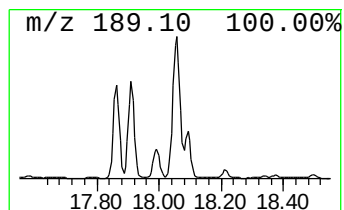
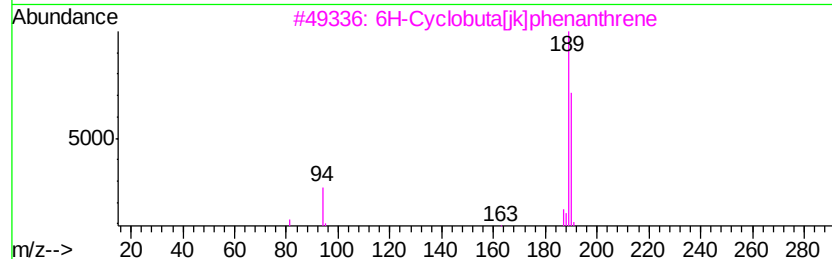
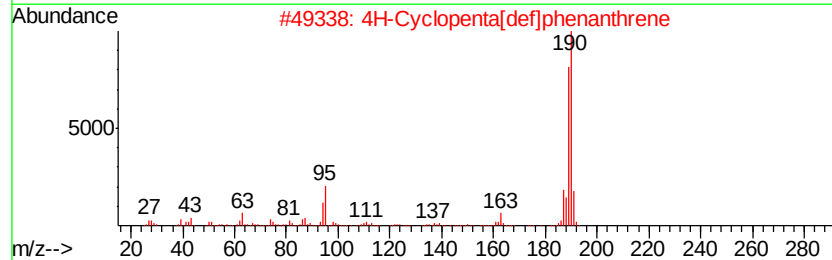
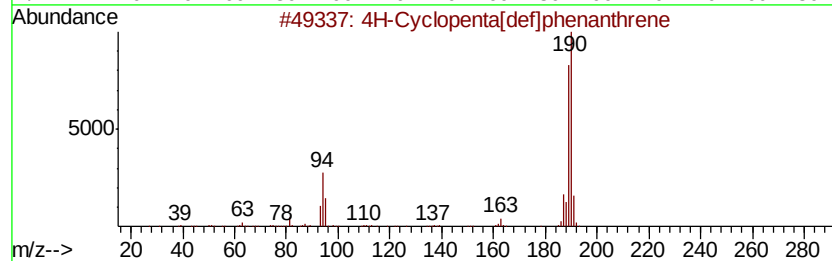
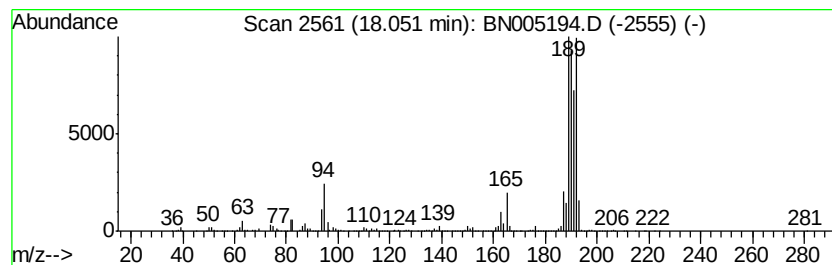
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.05	10.74 ng/ul	5216340	Phenanthrene-d10	16.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	6H-Cyclobuta[ikl]phenanthrene	190	C15H10	083469-43-6	49
4	1a,9b-Dihydro-1H-cyclopropa[alan...]	192	C15H12	006109-24-6	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
Data File : BN005194.D
Acq On : 23 Apr 2019 03:20
Operator : JU/SJ
Sample : K2455-09
Misc :
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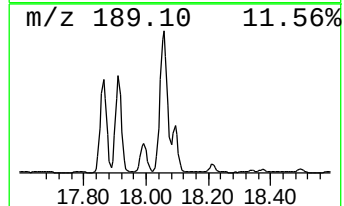
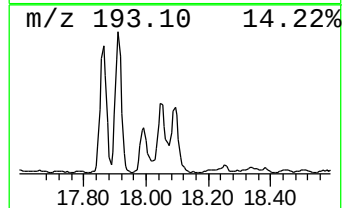
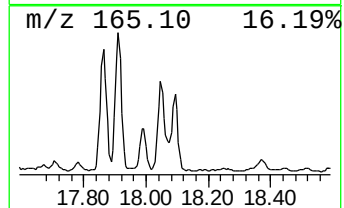
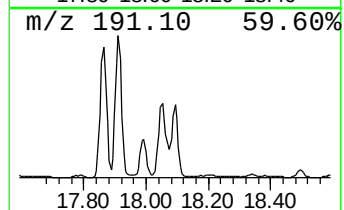
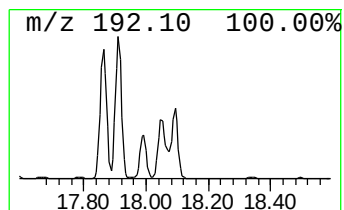
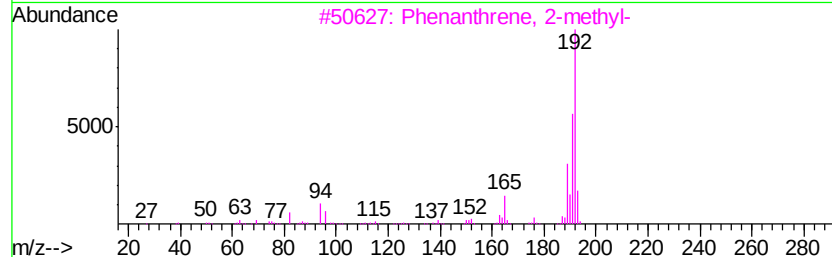
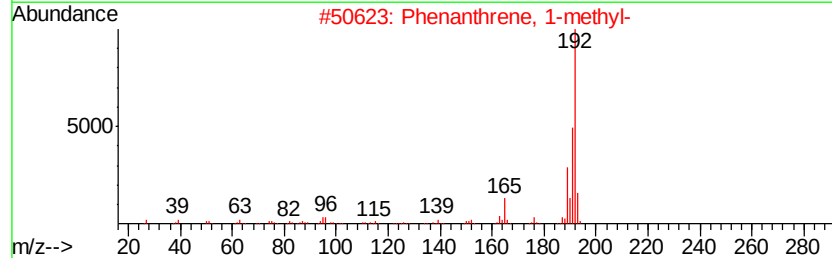
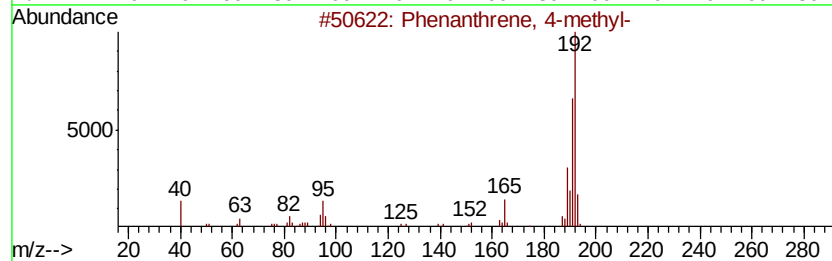
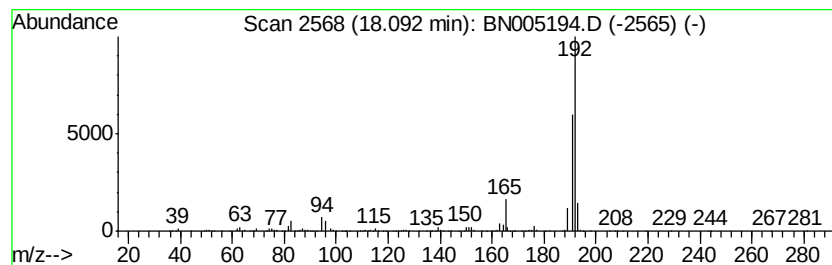
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.09	5.23 ng/ul	2543440	Phenanthrene-d10	16.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Acq On : 23 Apr 2019 03:20
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ClientSampleId :
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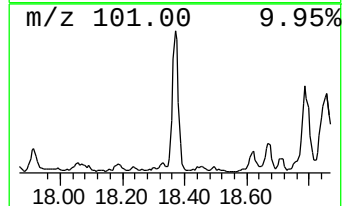
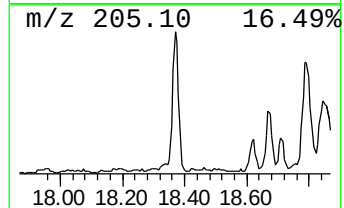
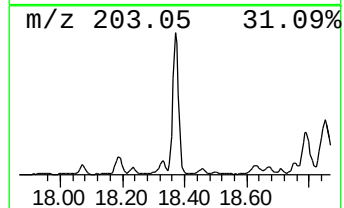
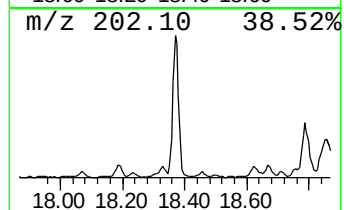
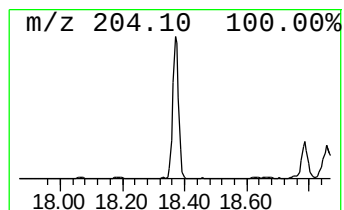
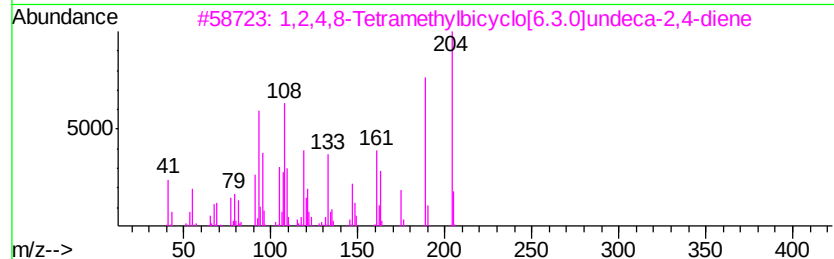
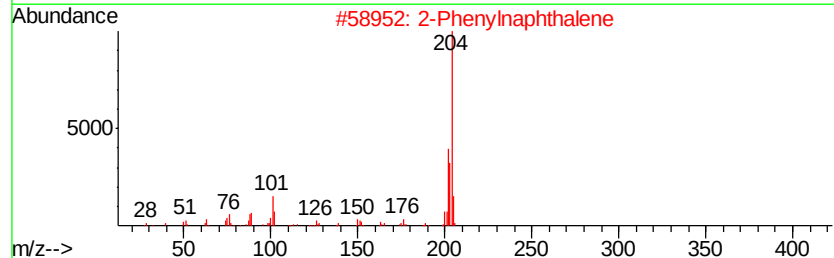
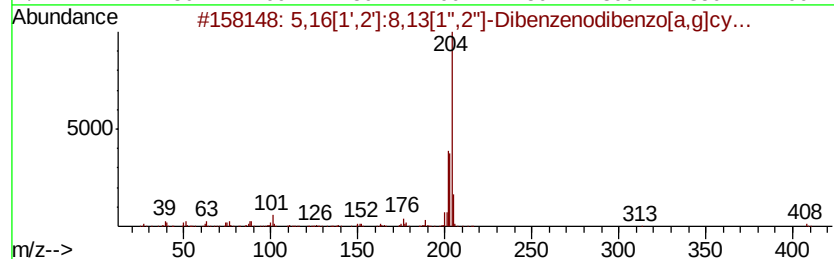
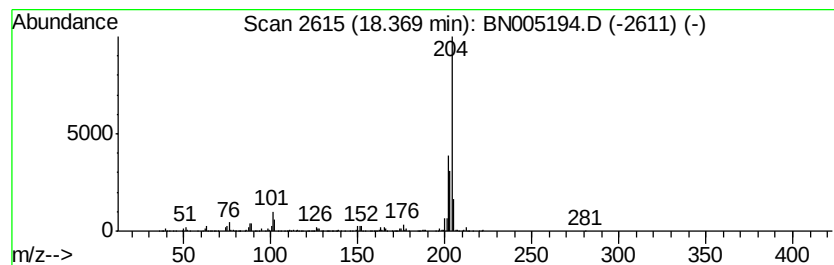
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.97 ng/ul	1926800	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	91
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	86
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	80
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005194.D
Acq On : 23 Apr 2019 03:20
Operator : JU/SJ
Sample : K2455-09
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ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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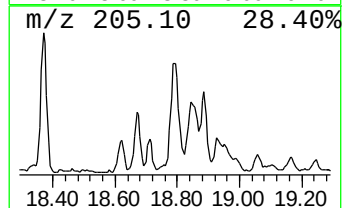
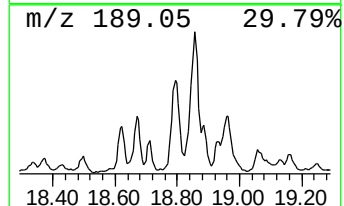
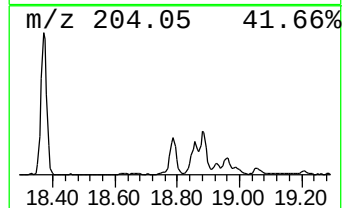
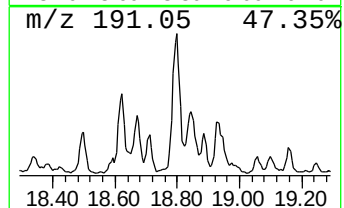
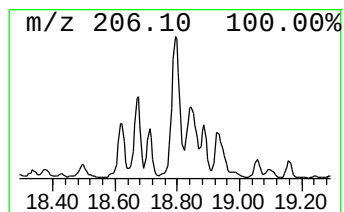
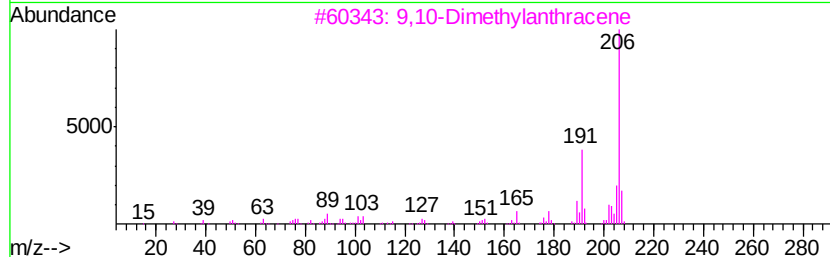
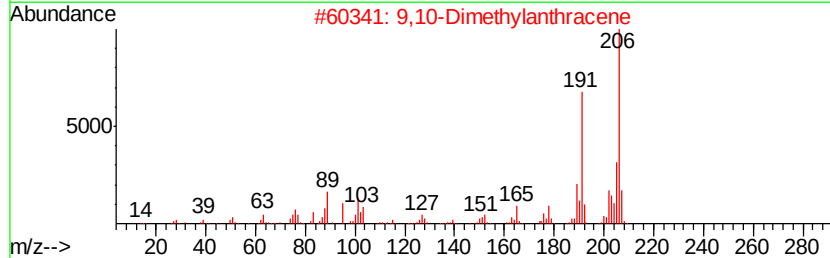
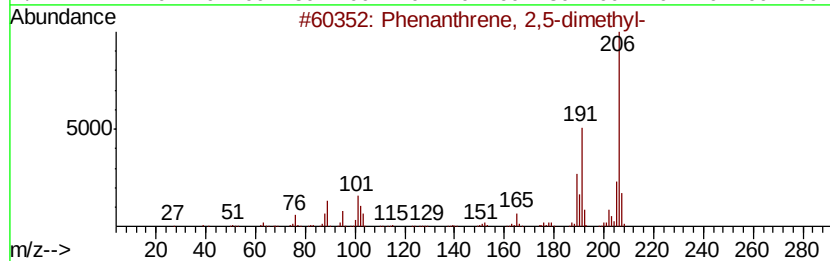
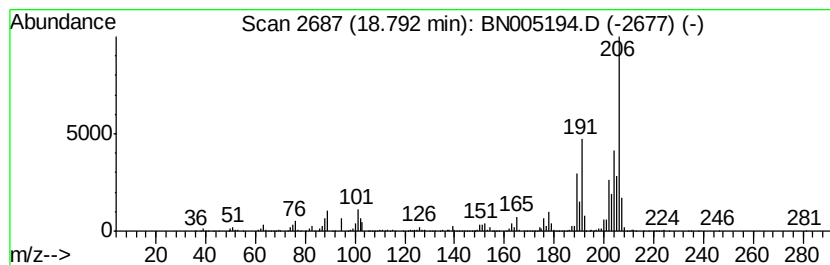
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	4.74 ng/ul	2304190	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	92
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	89
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005194.D
Acq On : 23 Apr 2019 03:20
Operator : JU/SJ
Sample : K2455-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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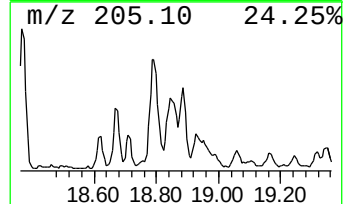
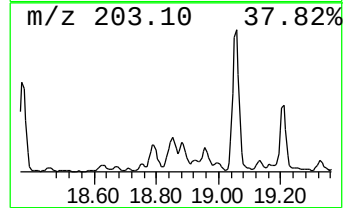
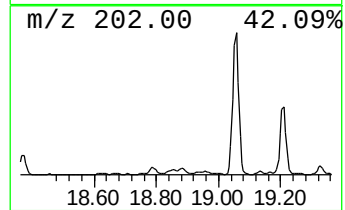
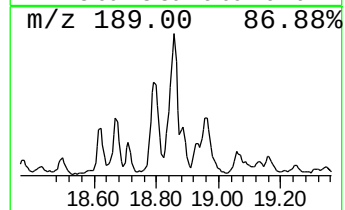
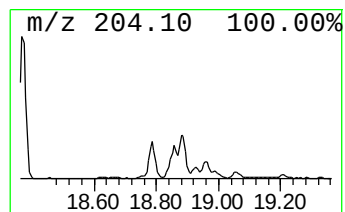
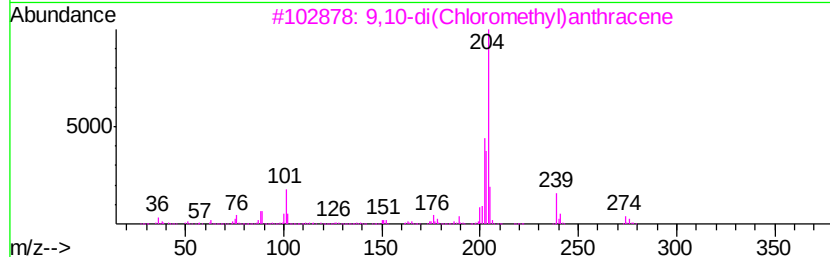
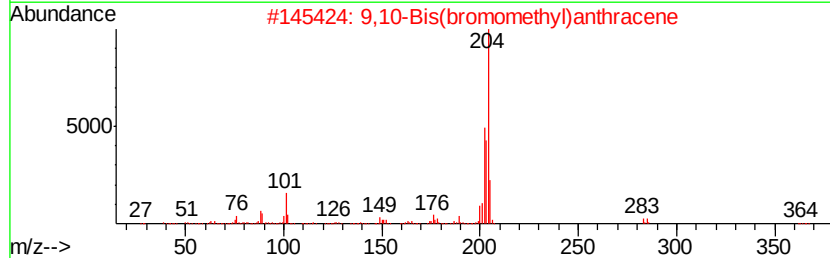
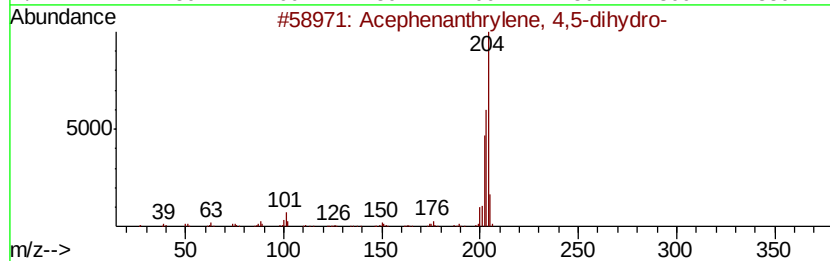
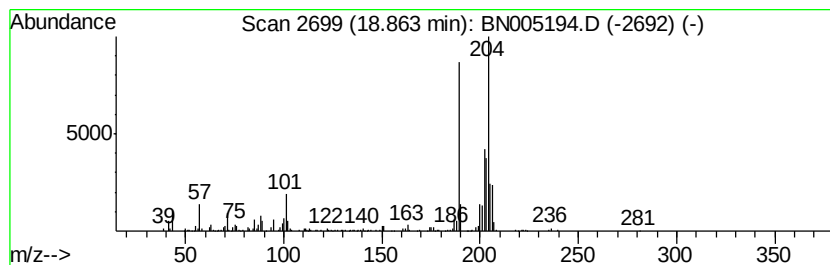
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Acephenanthrylene, 4,5-dihy... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	2.43 ng/ul	1180180	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	87
2		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
3		9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	52
4		5,16[1',2'1:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	47
5		2H-Cyclopentacyclooctene, 4,5,6,...	204	C15H24	1000221-85-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005194.D
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Operator : JU/SJ
Sample : K2455-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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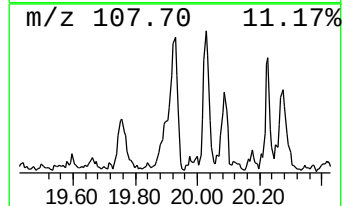
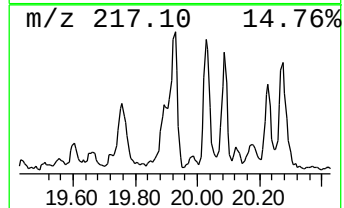
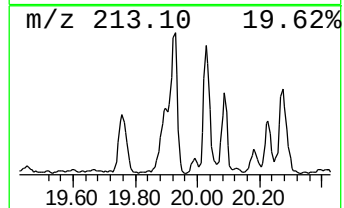
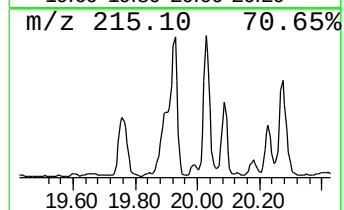
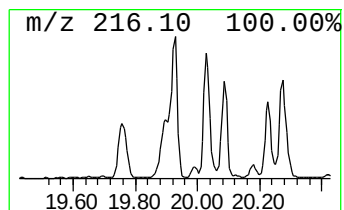
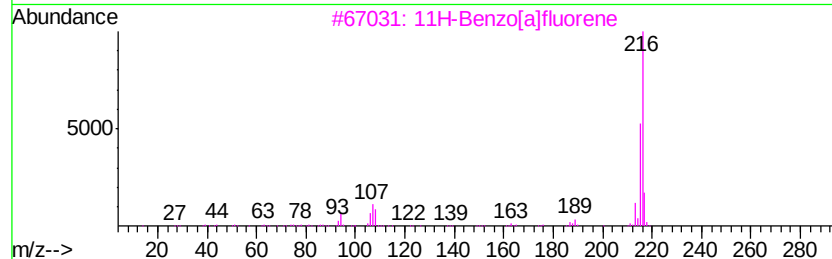
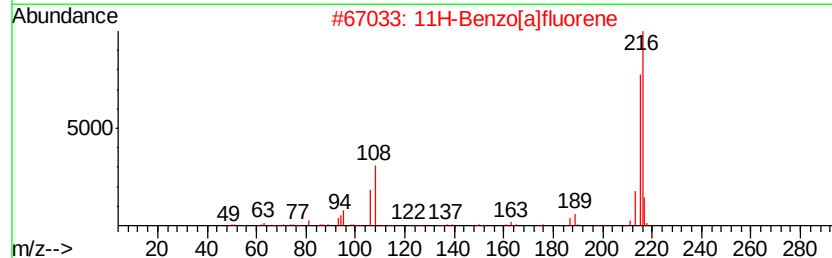
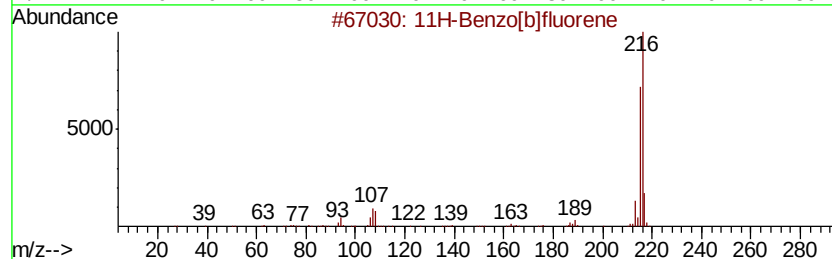
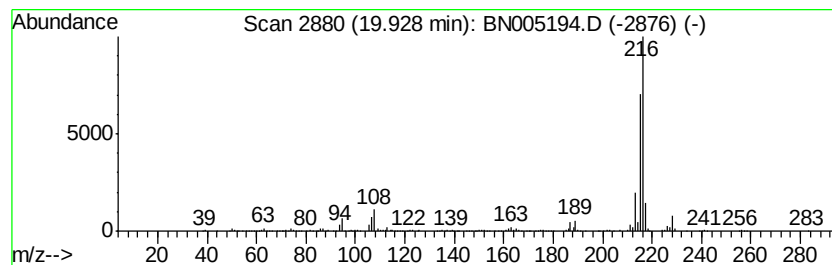
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 11H-Benzo[b]fluorene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.78 ng/ul	1770890	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005194.D
Acq On : 23 Apr 2019 03:20
Operator : JU/SJ
Sample : K2455-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

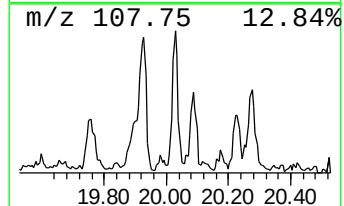
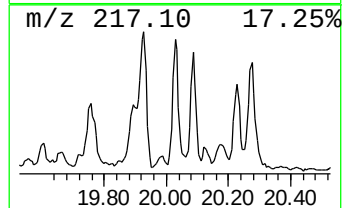
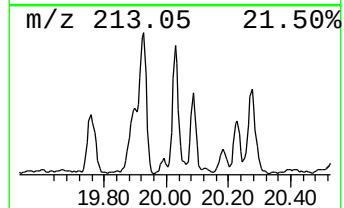
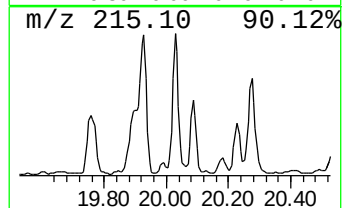
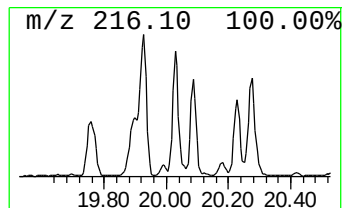
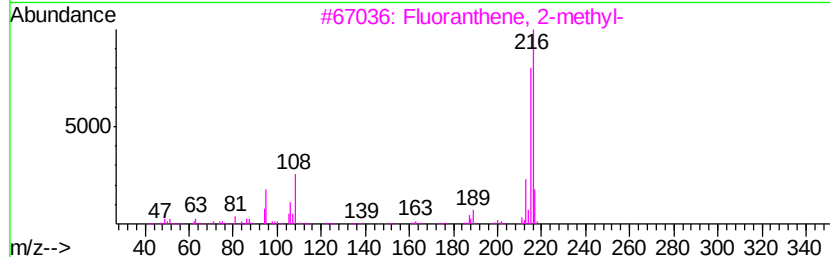
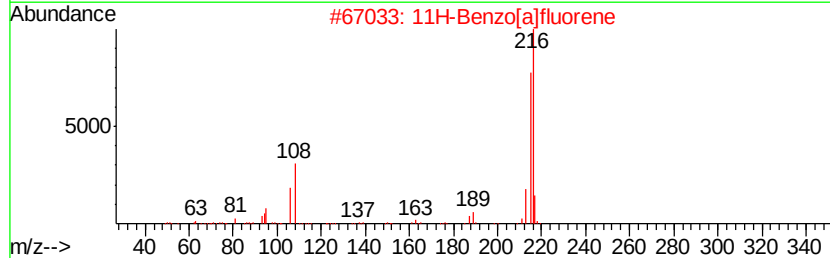
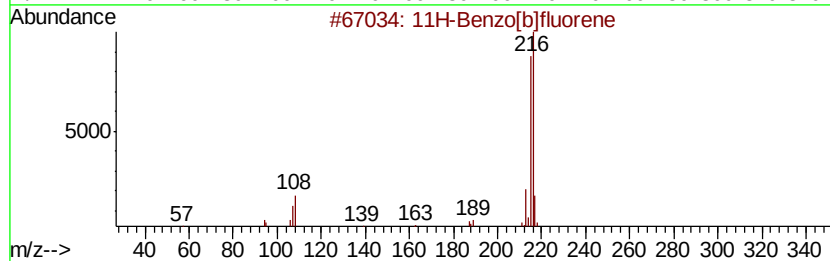
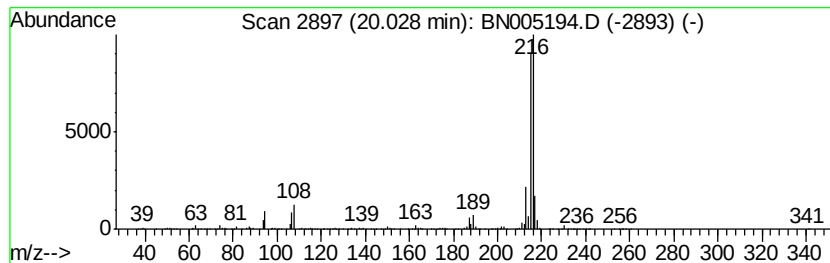
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 11H-Benzo[a]fluorene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	2.44 ng/ul	1554890	Chrysene-d12	21.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 94
2		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 91
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91
4		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90
5		Pyrene, 1-methyl-	216 C17H12	002381-21-7 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005194.D
Acq On : 23 Apr 2019 03:20
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Sample : K2455-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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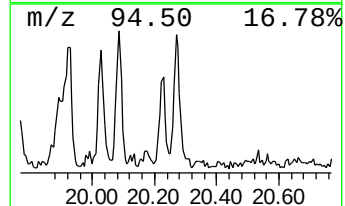
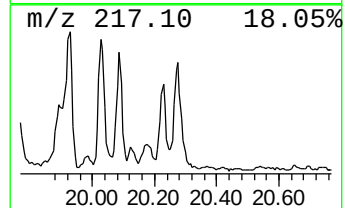
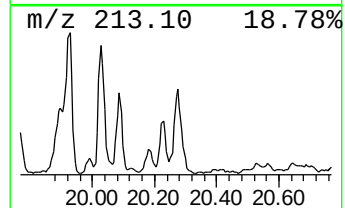
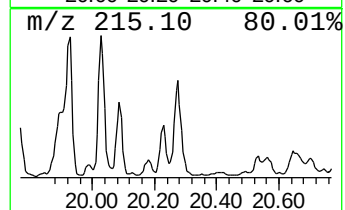
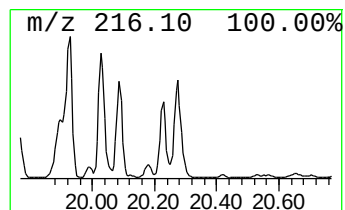
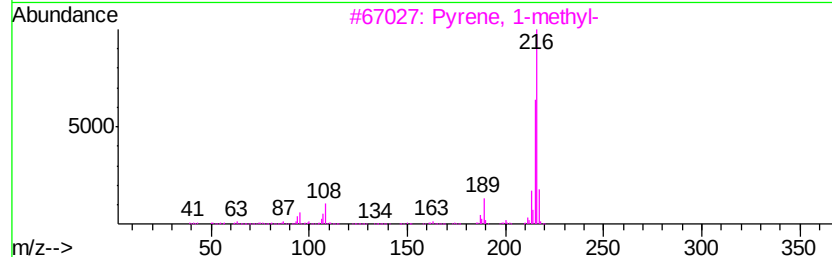
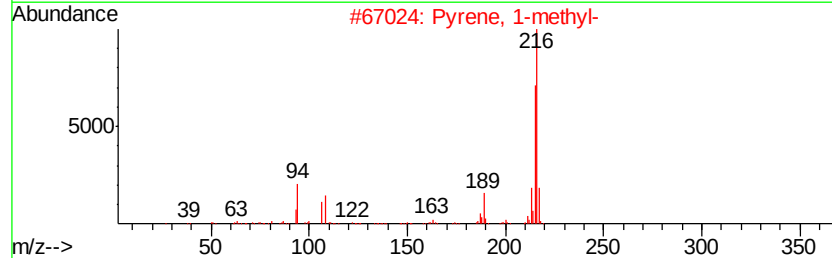
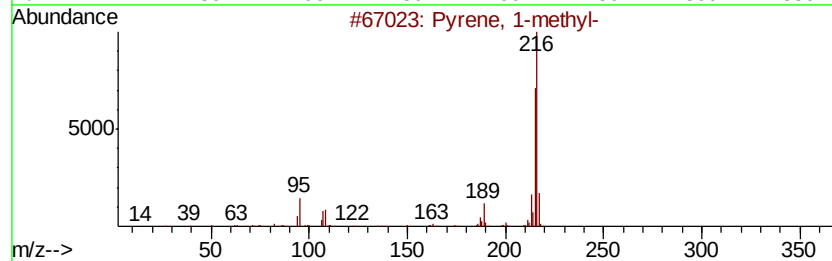
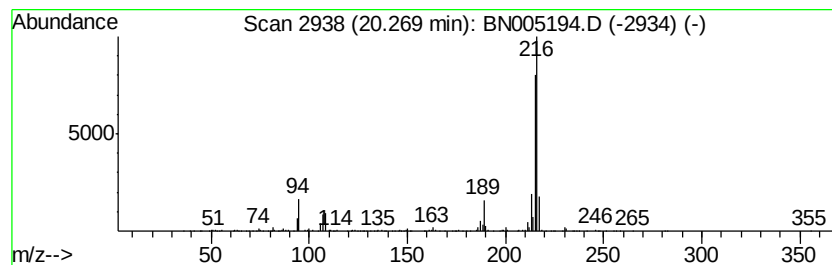
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Pyrene, 1-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	2.14 ng/ul	1363720	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4		11H-Benzo[alfluorene	216	C17H12	000238-84-6	94
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005194.D
Acq On : 23 Apr 2019 03:20
Operator : JU/SJ
Sample : K2455-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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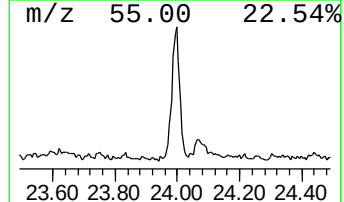
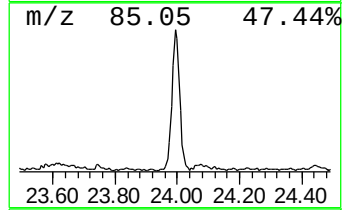
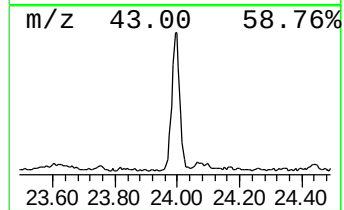
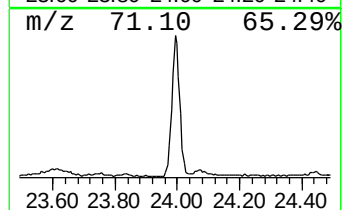
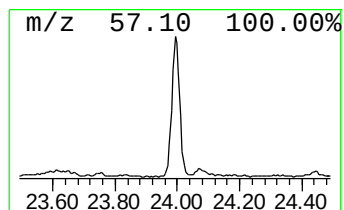
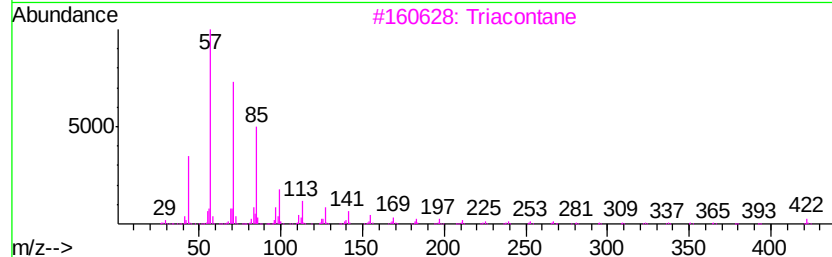
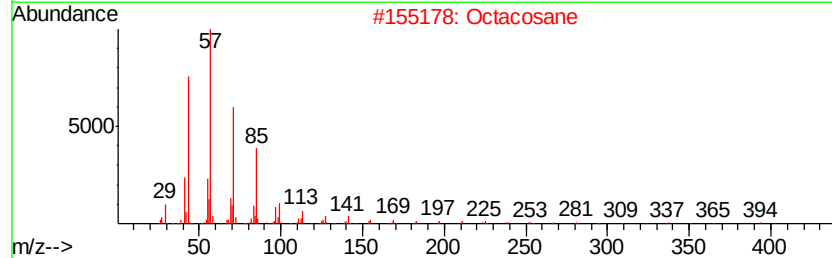
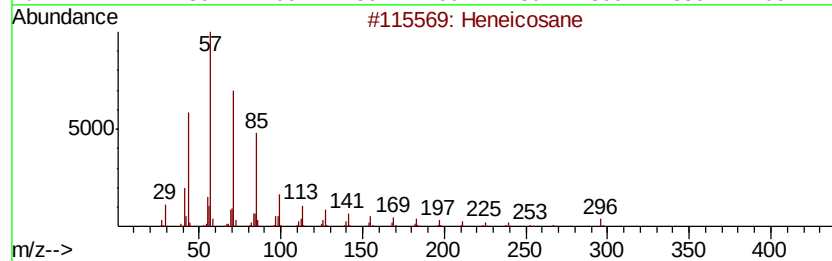
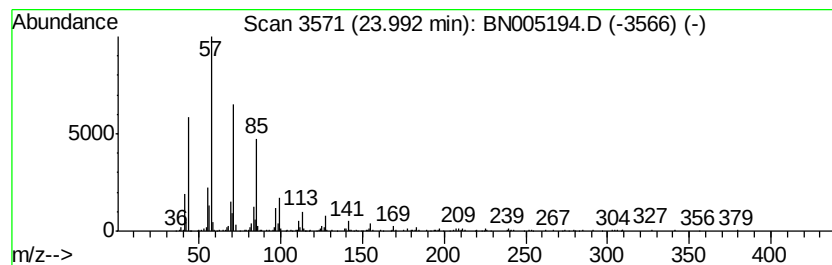
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.12 ng/ul	808069	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	94
2			Octacosane	394	C28H58	000630-02-4	91
3			triacontane	422	C30H62	000638-68-6	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Hexatriacontane	507	C36H74	000630-06-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005194.D
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Sample : K2455-09
Misc :
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Instrument :
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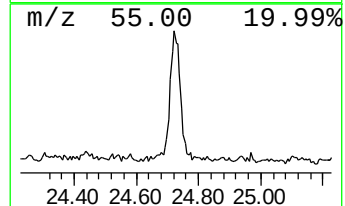
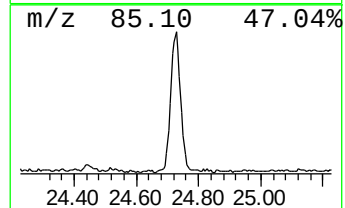
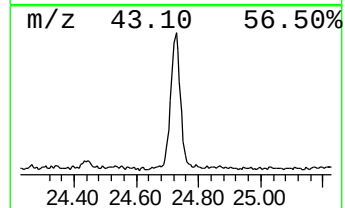
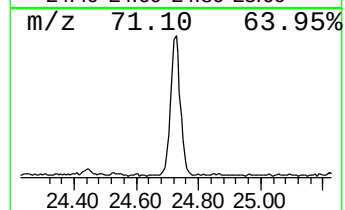
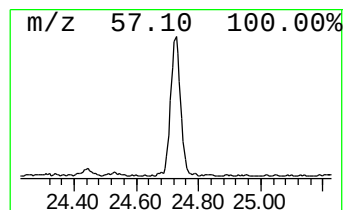
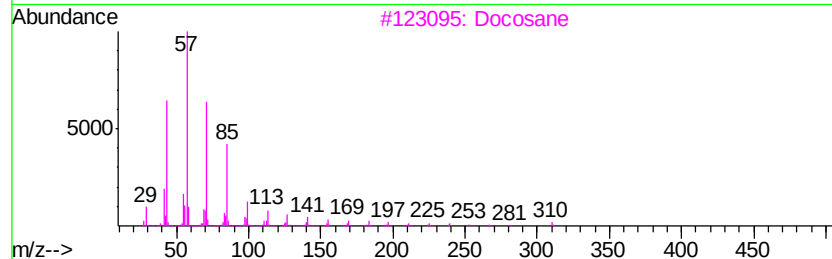
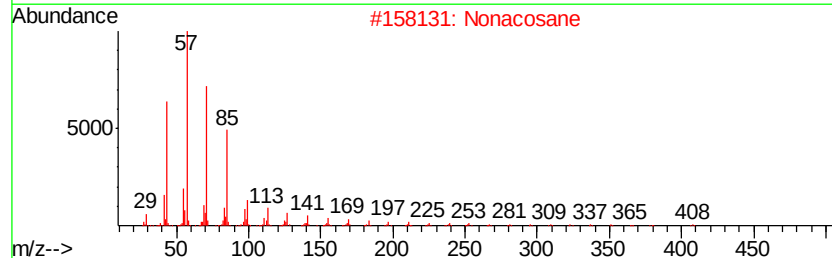
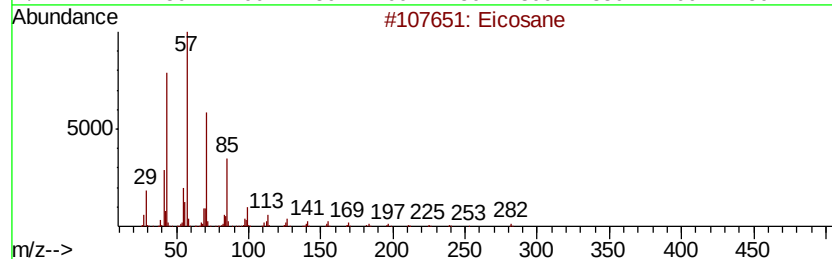
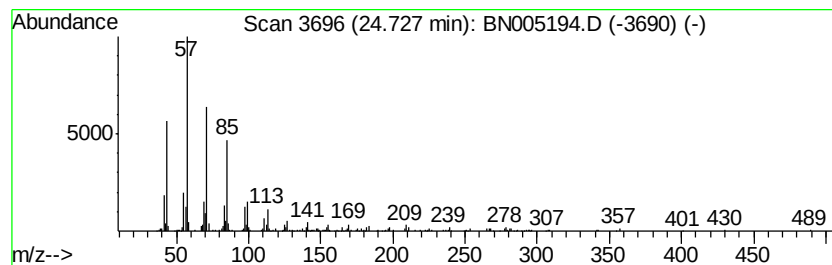
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	2.13 ng/ul	811022	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Nonacosane	408	C29H60	000630-03-5	90
3			Docosane	310	C22H46	000629-97-0	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
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 Acq On : 23 Apr 2019 03:20
 Operator : JU/SJ
 Sample : K2455-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ9

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
1H-Indene, 2,3-di...	11.40	2.2	ng/ul	586260	2	10.36	5415130	20.0
(DEL) Alkane: Str...	11.81	3.8	ng/ul	1028530	2	10.36	5415130	20.0
Naphthalene, 1-me...	12.25	30.8	ng/ul	8339290	2	10.36	5415130	20.0
Naphthalene, 1-et...	13.26	7.2	ng/ul	3548990	3	14.23	9833020	20.0
Naphthalene, 1,6-...	13.39	14.0	ng/ul	6871290	3	14.23	9833020	20.0
Naphthalene, 2,6-...	13.55	19.6	ng/ul	9650140	3	14.23	9833020	20.0
Naphthalene, 2,3-...	13.79	8.2	ng/ul	4030860	3	14.23	9833020	20.0
Naphthalene, 2,3,...	14.72	3.7	ng/ul	1820640	3	14.23	9833020	20.0
1,1'-Biphenyl, 3-...	14.84	7.6	ng/ul	3740810	3	14.23	9833020	20.0
Naphthalene, 1,6,...	14.91	2.1	ng/ul	1041580	3	14.23	9833020	20.0
1H-Phenalene	15.10	4.1	ng/ul	1998240	3	14.23	9833020	20.0
9H-Fluoren-9-ol	15.58	2.3	ng/ul	1146670	3	14.23	9833020	20.0
9H-Fluorene, 2-me...	16.29	5.9	ng/ul	2844970	4	16.99	9717600	20.0
9H-Fluorene, 3-me...	16.34	3.6	ng/ul	1762340	4	16.99	9717600	20.0
9H-Fluorene, 1-me...	16.44	2.3	ng/ul	1136400	4	16.99	9717600	20.0
Phenol, 4-(2-phen...	16.56	2.1	ng/ul	1027730	4	16.99	9717600	20.0
Dibenzothiophene	16.80	3.3	ng/ul	1616120	4	16.99	9717600	20.0
Anthracene, 1-met...	17.86	10.2	ng/ul	4942360	4	16.99	9717600	20.0
Phenanthrene, 2-m...	17.91	13.0	ng/ul	6301040	4	16.99	9717600	20.0
1H-Cyclopropa[l]p...	17.99	3.4	ng/ul	1653260	4	16.99	9717600	20.0
4H-Cyclopenta[def...	18.05	10.7	ng/ul	5216340	4	16.99	9717600	20.0
Phenanthrene, 4-m...	18.09	5.2	ng/ul	2543440	4	16.99	9717600	20.0
5,16[1',2']:8,13[...	18.37	4.0	ng/ul	1926800	4	16.99	9717600	20.0
Phenanthrene, 2,5...	18.79	4.7	ng/ul	2304190	4	16.99	9717600	20.0
Acephenanthrylene...	18.86	2.4	ng/ul	1180180	4	16.99	9717600	20.0
11H-Benzo[b]fluorene	19.93	2.8	ng/ul	1770890	5	21.21	12732500	20.0
11H-Benzo[a]fluorene	20.03	2.4	ng/ul	1554890	5	21.21	12732500	20.0
Pyrene, 1-methyl-	20.27	2.1	ng/ul	1363720	5	21.21	12732500	20.0
(DEL) Alkane: Str...	23.99	2.1	ng/ul	808069	6	23.40	7613200	20.0
(DEL) Alkane: Str...	24.73	2.1	ng/ul	811022	6	23.40	7613200	20.0