

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111618\
 Data File : BF110821.D
 Acq On : 16 Nov 2018 17:19
 Operator : JU/SJ
 Sample : J5952-04 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VTW-02(4-6)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % 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_F\METHODS\8270-BF110818.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	16	19	29	rVB2	27564	51581	5.62%	0.298%
2	3.669	259	269	275	rBV	37109	70270	7.66%	0.406%
3	5.557	587	590	596	rVV	220167	290433	31.66%	1.677%
4	5.781	623	628	644	rBV2	76182	149765	16.32%	0.865%
5	6.563	758	761	773	rVV	268819	357363	38.95%	2.063%
6	6.704	782	785	791	rBV	363934	337910	36.83%	1.951%
7	6.769	791	796	801	rBV2	98336	142495	15.53%	0.823%
8	6.810	801	803	812	rVB	49187	58394	6.36%	0.337%
9	6.940	821	825	830	rBV	393798	361069	39.36%	2.085%
10	7.093	848	851	859	rBV	276626	262373	28.60%	1.515%
11	7.198	866	869	876	rBV	98036	129271	14.09%	0.746%
12	7.504	916	921	926	rVV2	203460	284829	31.05%	1.644%
13	7.792	967	970	975	rVV	454698	397480	43.33%	2.295%
14	7.963	994	999	1003	rBV2	43746	62056	6.76%	0.358%
15	8.016	1003	1008	1010	rVV	43818	58337	6.36%	0.337%
16	8.222	1040	1043	1045	rVV	579427	518841	56.55%	2.996%
17	8.239	1045	1046	1051	rVV	191160	171279	18.67%	0.989%
18	8.434	1073	1079	1082	rBV	224158	221645	24.16%	1.280%
19	8.492	1085	1089	1102	rVV	260502	303250	33.05%	1.751%
20	8.934	1160	1164	1171	rVV2	174823	199370	21.73%	1.151%
21	9.034	1177	1181	1189	rVB2	121250	117374	12.79%	0.678%
22	9.210	1208	1211	1215	rBV2	45261	47073	5.13%	0.272%
23	9.292	1221	1225	1232	rVB	456531	396550	43.22%	2.289%
24	9.428	1245	1248	1251	rBV	73189	86038	9.38%	0.497%
25	9.563	1265	1271	1274	rBV2	55718	81922	8.93%	0.473%
26	9.634	1279	1283	1285	rBV2	85384	86972	9.48%	0.502%
27	9.663	1285	1288	1290	rVV2	54341	62644	6.83%	0.362%
28	9.686	1290	1292	1300	rVB2	58032	83145	9.06%	0.480%
29	9.845	1315	1319	1323	rBV	126029	130784	14.26%	0.755%
30	9.886	1323	1326	1329	rVB2	97583	79532	8.67%	0.459%
31	9.957	1334	1338	1339	rBV2	58738	60602	6.61%	0.350%
32	9.981	1339	1342	1346	rVV	648555	539305	58.78%	3.114%
33	10.175	1373	1375	1379	rVV2	50418	75867	8.27%	0.438%
34	10.216	1379	1382	1386	rVB3	49915	62793	6.84%	0.363%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.292	1392	1395	1398	rBV	56640	59777	6.52%	0.345%
36	10.328	1398	1401	1407	rVV3	76801	83185	9.07%	0.480%
37	10.386	1407	1411	1414	rVV	157888	148125	16.15%	0.855%
38	10.533	1432	1436	1442	rVB2	106300	140523	15.32%	0.811%
39	10.610	1442	1449	1451	rBV2	63466	86688	9.45%	0.500%
40	10.775	1473	1477	1483	rVB3	208189	227241	24.77%	1.312%
41	10.863	1489	1492	1503	rVB2	145105	225741	24.61%	1.303%
42	11.080	1526	1529	1532	rVB4	58878	65559	7.15%	0.379%
43	11.310	1566	1568	1571	rVV2	109701	89937	9.80%	0.519%
44	11.375	1576	1579	1586	rVB3	96977	118465	12.91%	0.684%
45	11.475	1593	1596	1598	rBV	509973	446420	48.66%	2.577%
46	11.498	1598	1600	1604	rVB	566665	472522	51.50%	2.728%
47	11.551	1606	1609	1613	rBV	159636	153128	16.69%	0.884%
48	11.739	1639	1641	1643	rVV	81665	58510	6.38%	0.338%
49	11.810	1650	1653	1657	rVB	79853	80991	8.83%	0.468%
50	11.886	1664	1666	1671	rVB	47980	65957	7.19%	0.381%
51	11.975	1678	1681	1684	rVV	182139	200973	21.91%	1.160%
52	12.004	1684	1686	1690	rVV	182812	167059	18.21%	0.965%
53	12.057	1692	1695	1697	rVV	61425	58879	6.42%	0.340%
54	12.092	1697	1701	1703	rVV2	225721	264595	28.84%	1.528%
55	12.116	1703	1705	1707	rVV	125187	102895	11.22%	0.594%
56	12.145	1708	1710	1713	rVB2	58284	48853	5.32%	0.282%
57	12.269	1728	1731	1734	rBV	105895	105105	11.46%	0.607%
58	12.527	1772	1775	1778	rBV2	192486	197068	21.48%	1.138%
59	12.569	1779	1782	1784	rVV2	73424	101049	11.01%	0.583%
60	12.627	1787	1792	1800	rVB3	75779	153995	16.79%	0.889%
61	12.698	1800	1804	1807	rBV	640773	585840	63.86%	3.382%
62	12.733	1807	1810	1812	rVV2	49681	53911	5.88%	0.311%
63	12.757	1812	1814	1817	rVV3	46409	43478	4.74%	0.251%
64	12.792	1817	1820	1825	rVV	88662	91411	9.96%	0.528%
65	12.851	1826	1830	1831	rVV3	68035	78898	8.60%	0.456%
66	12.904	1837	1839	1840	rBV	106234	81250	8.86%	0.469%
67	12.927	1840	1843	1848	rVV	753940	689216	75.12%	3.979%
68	12.974	1848	1851	1854	rVB	77232	68594	7.48%	0.396%
69	13.057	1862	1865	1867	rVB	283861	236843	25.82%	1.367%
70	13.080	1867	1869	1874	rVB3	40673	50599	5.52%	0.292%
71	13.145	1875	1880	1885	rBV4	87287	152908	16.67%	0.883%

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Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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72	13.233	1891	1895	1896	rBV2	83116	97783	10.66%	0.565%
73	13.251	1896	1898	1903	rVB2	152809	180421	19.67%	1.042%
74	13.322	1907	1910	1912	rVB	82181	68534	7.47%	0.396%
75	13.363	1913	1917	1919	rBV2	111230	101378	11.05%	0.585%
76	13.451	1930	1932	1935	rBV	115212	108161	11.79%	0.624%
77	13.486	1935	1938	1940	rVB	98323	85438	9.31%	0.493%
78	13.769	1983	1986	1989	rVB2	80475	82374	8.98%	0.476%
79	13.880	2002	2005	2007	rVV	131750	125879	13.72%	0.727%
80	13.904	2007	2009	2011	rVV	86264	73042	7.96%	0.422%
81	13.933	2011	2014	2017	rVV2	99882	111520	12.16%	0.644%
82	13.980	2020	2022	2025	rVB	57971	43890	4.78%	0.253%
83	14.127	2042	2047	2050	rBV2	619967	917435	100.00%	5.297%
84	14.157	2050	2052	2058	rVB	428806	373536	40.72%	2.157%
85	14.251	2064	2068	2071	rBV4	35577	65444	7.13%	0.378%
86	14.286	2071	2074	2078	rBV4	71838	83198	9.07%	0.480%
87	14.516	2108	2113	2116	rVV	148316	167512	18.26%	0.967%
88	14.551	2116	2119	2123	rVB2	98480	85610	9.33%	0.494%
89	14.645	2132	2135	2137	rBV	77158	70024	7.63%	0.404%
90	14.710	2143	2146	2151	rVB	49958	58908	6.42%	0.340%
91	15.033	2198	2201	2204	rVV3	50683	54857	5.98%	0.317%
92	15.204	2226	2230	2238	rBV	267984	593179	64.66%	3.425%
93	15.316	2246	2249	2254	rBV	68580	75507	8.23%	0.436%
94	15.527	2281	2285	2292	rVB	176141	224882	24.51%	1.298%
95	15.592	2292	2296	2303	rVV	226032	341960	37.27%	1.974%
96	15.657	2303	2307	2311	rVV	231075	315819	34.42%	1.823%
97	15.692	2311	2313	2319	rVB3	57821	79730	8.69%	0.460%
98	17.233	2568	2575	2581	rVB	78886	165212	18.01%	0.954%
99	17.415	2599	2606	2611	rBV3	26488	56108	6.12%	0.324%
100	17.715	2651	2657	2667	rVB2	53708	118499	12.92%	0.684%

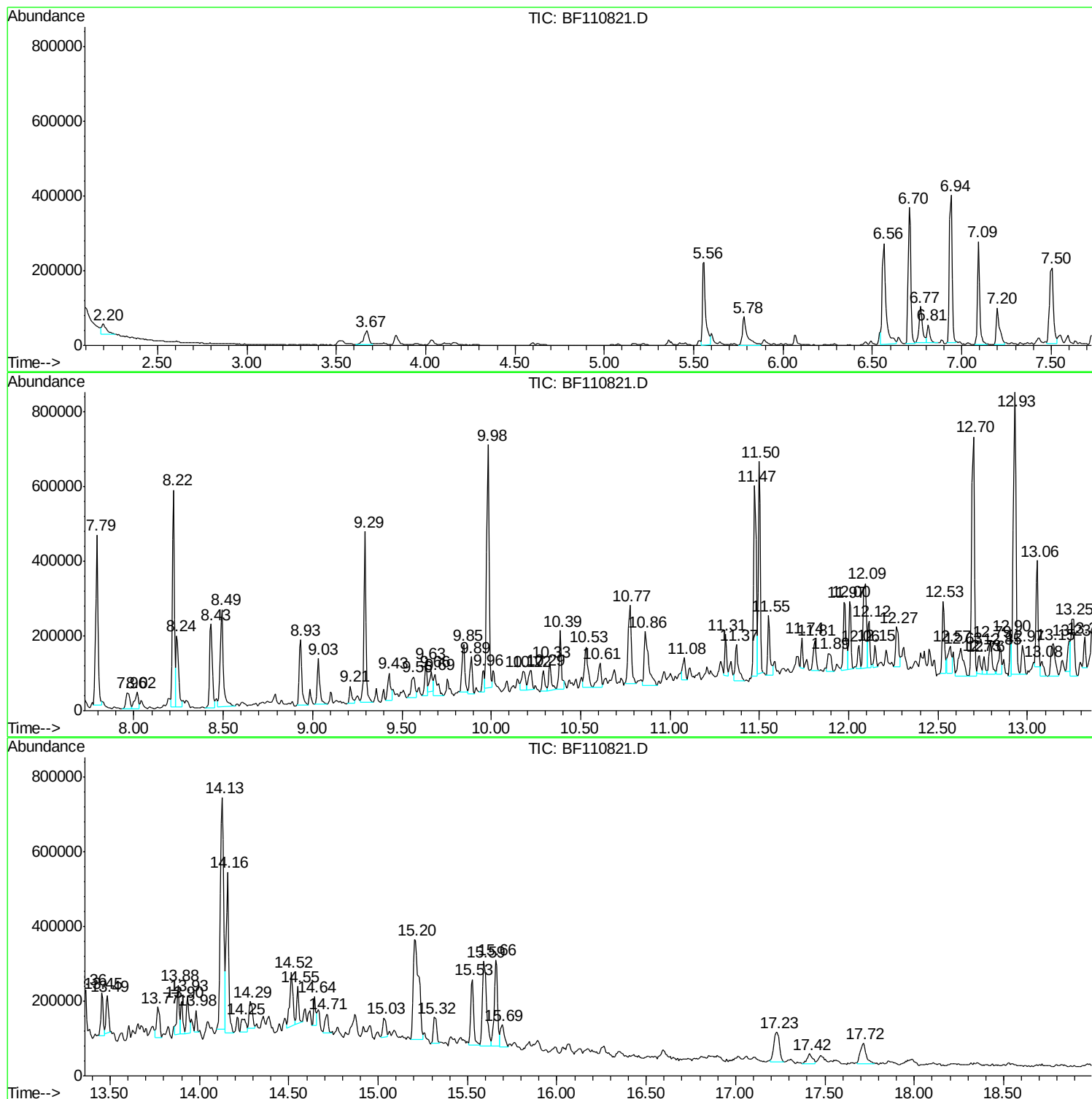
Sum of corrected areas: 17320640

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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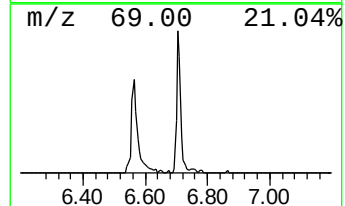
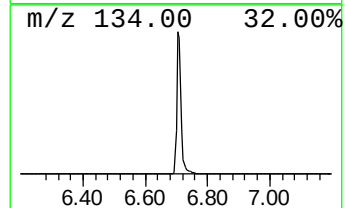
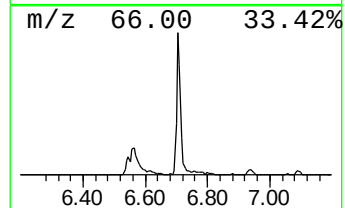
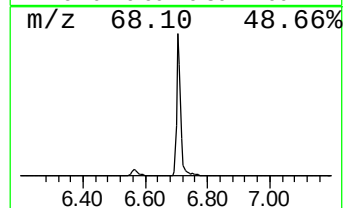
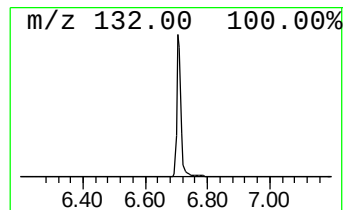
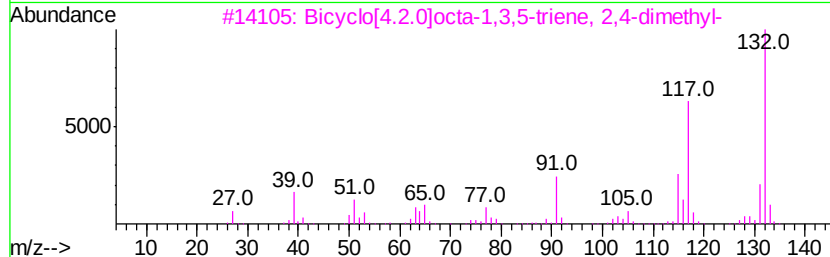
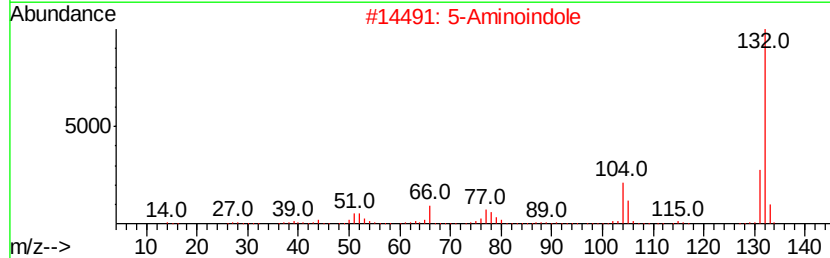
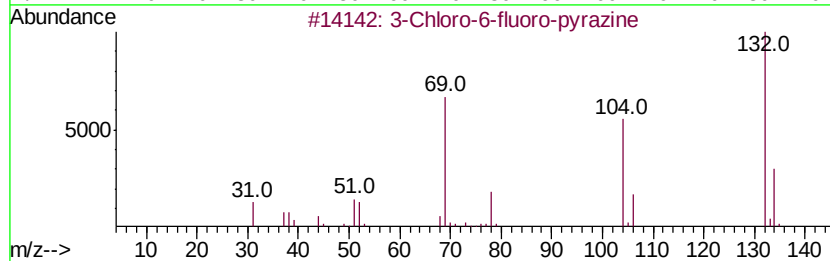
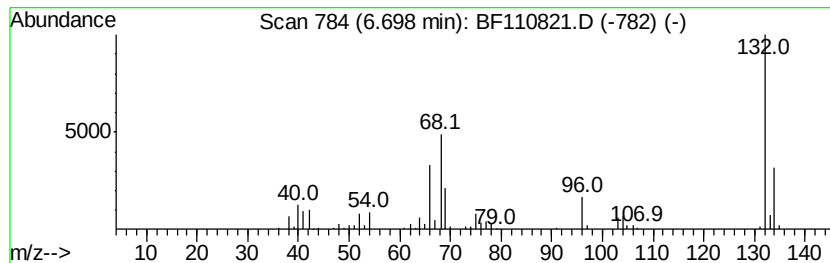
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	18.72 ng	337910	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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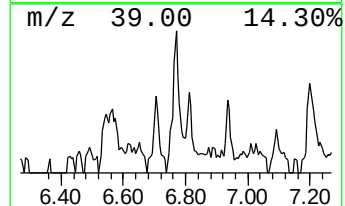
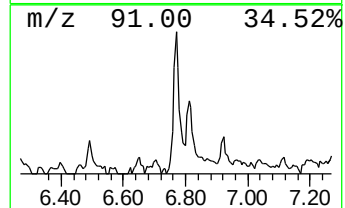
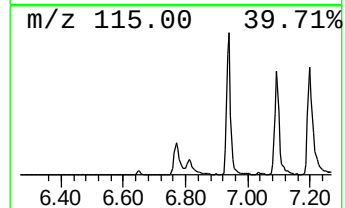
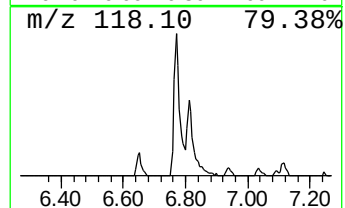
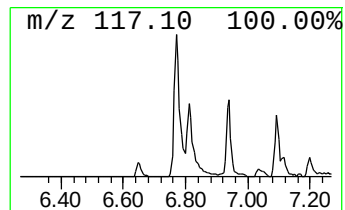
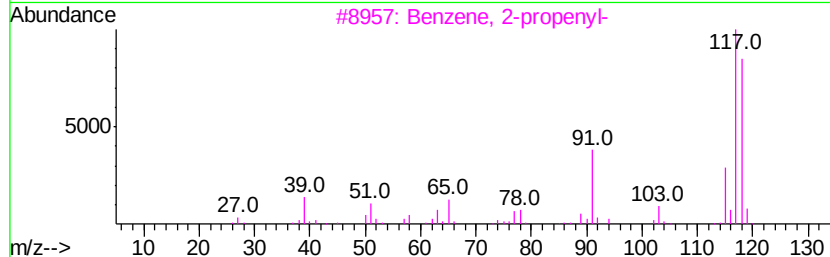
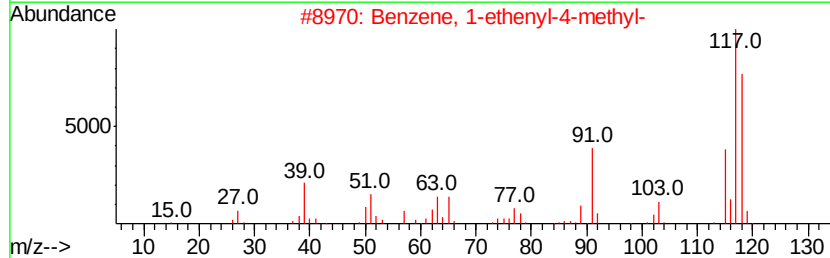
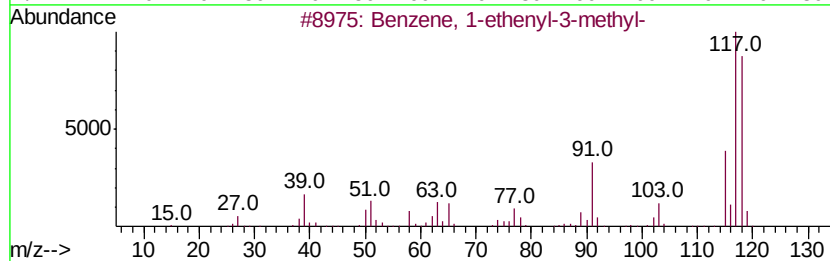
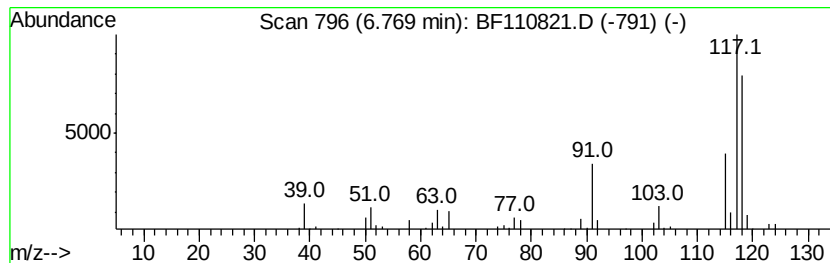
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	7.89 ng	142495	1,4-Dichlorobenzene-d4	6.94

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-4-methyl-	118	C9H10	000622-97-9	95
3		Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	95
5		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	95



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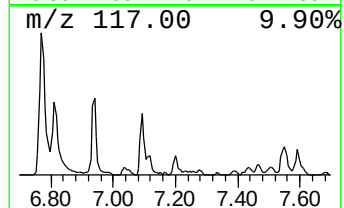
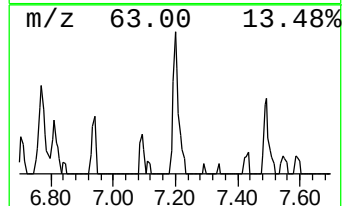
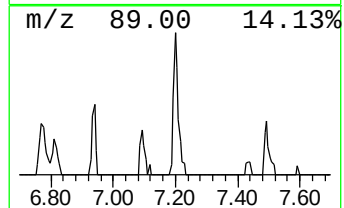
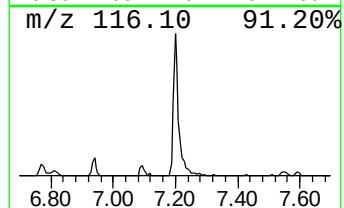
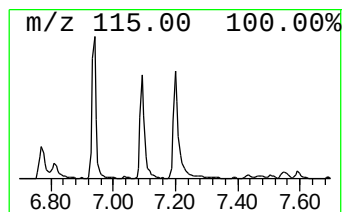
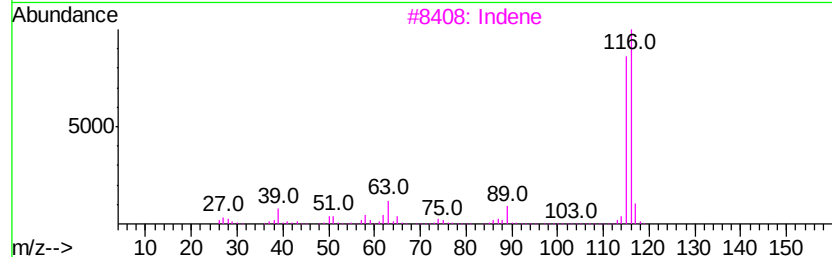
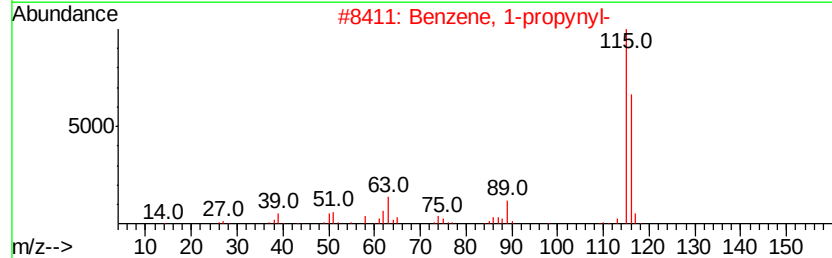
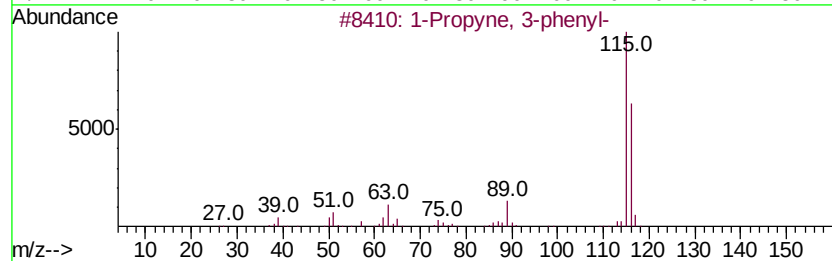
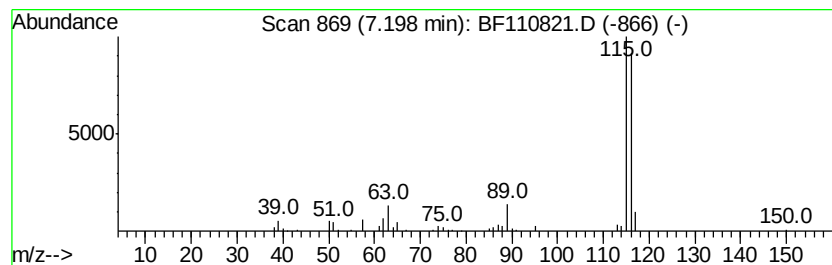
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Propyne, 3-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	7.16 ng	129271	1,4-Dichlorobenzene-d4	6.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	95
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3		Indene	116	C9H8	000095-13-6	94
4		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110821.D
Acq On : 16 Nov 2018 17:19
Operator : JU/SJ
Sample : J5952-04 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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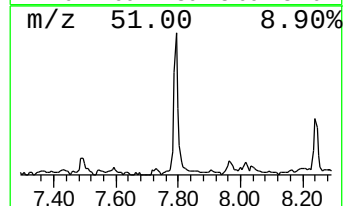
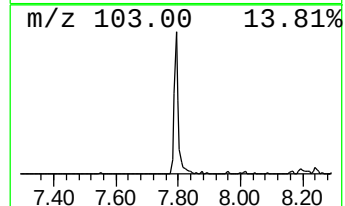
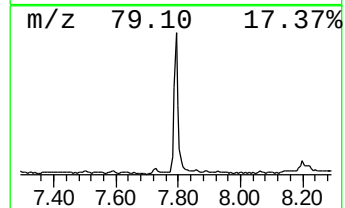
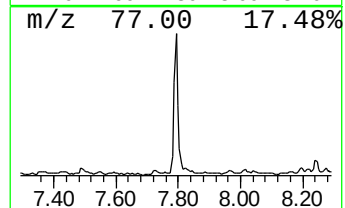
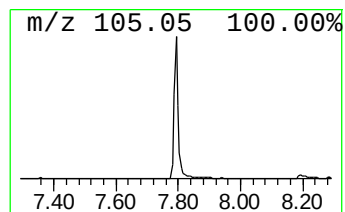
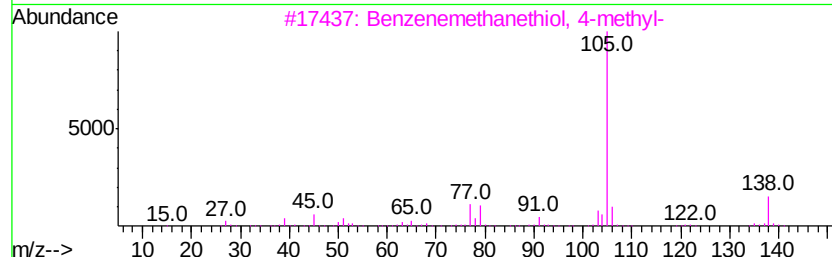
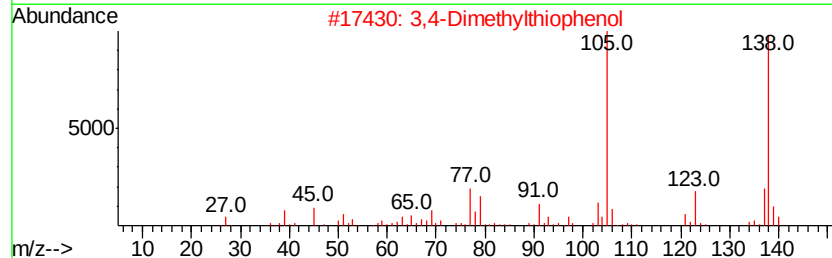
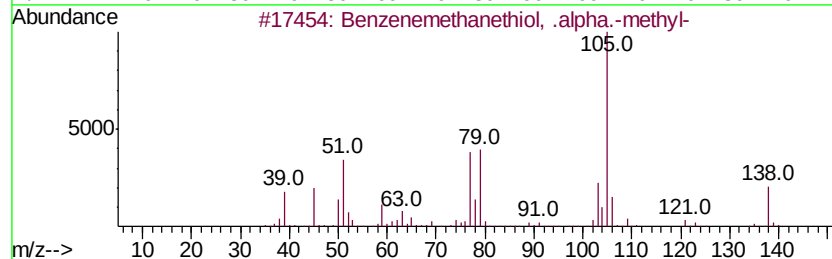
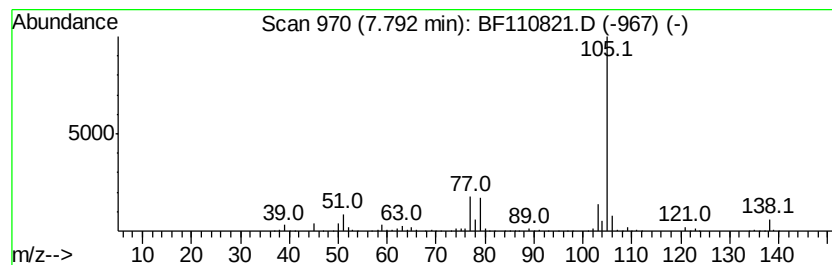
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzenemethanethiol, .alpha... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	15.32 ng	397480	Napthalene-d8	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	83
2		3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
3		Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	78
4		Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	64
5		Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	64



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Data File : BF110821.D
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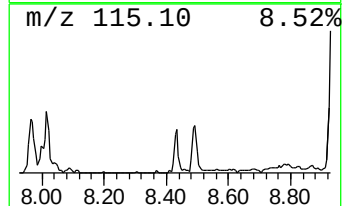
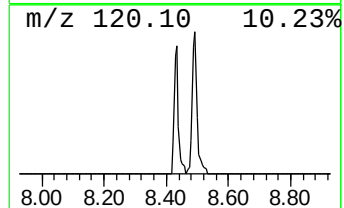
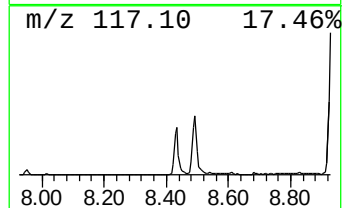
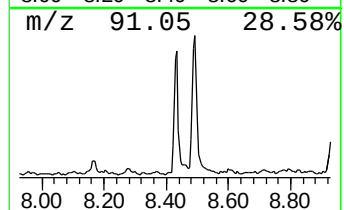
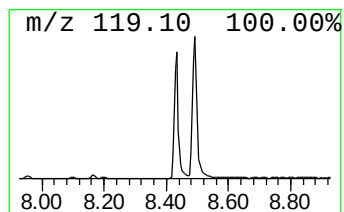
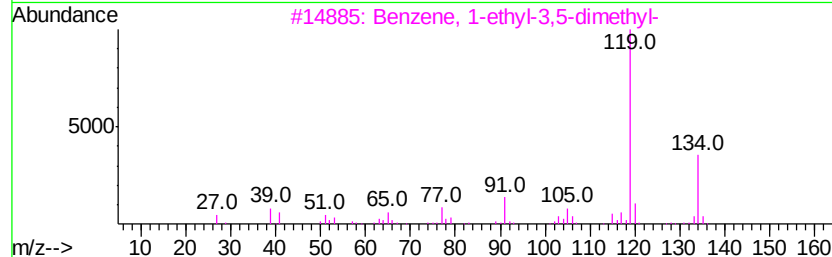
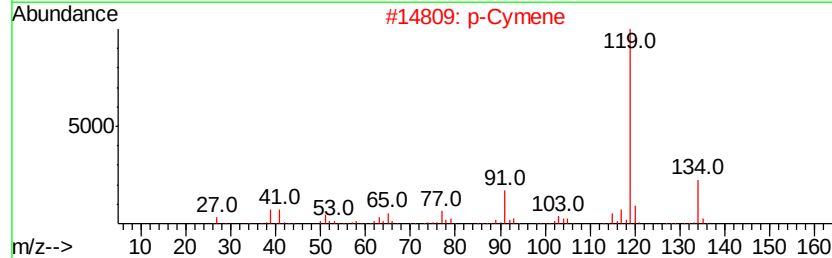
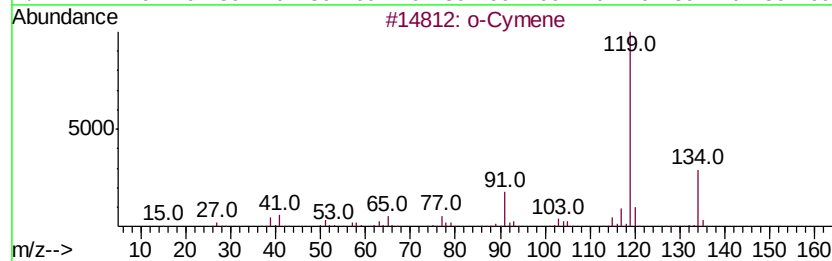
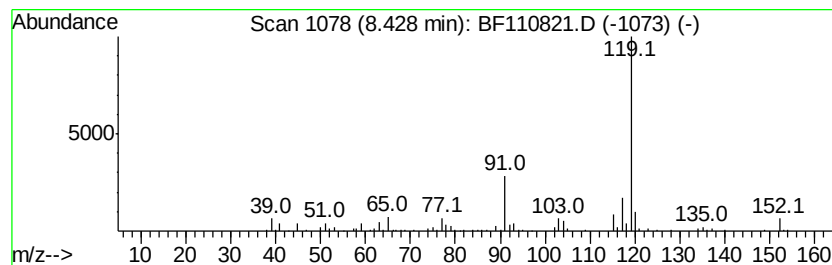
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	8.54 ng	221645	Napthalene-d8	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	80
2		p-Cymene	134	C10H14	000099-87-6	74
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	72
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	72
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110821.D
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Sample : J5952-04 5X
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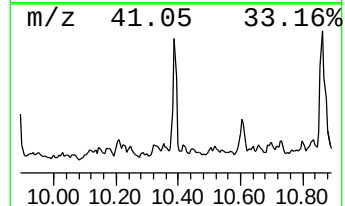
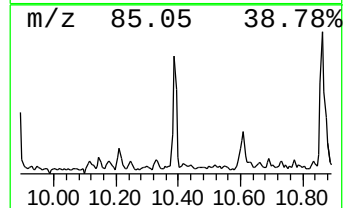
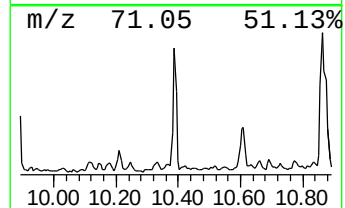
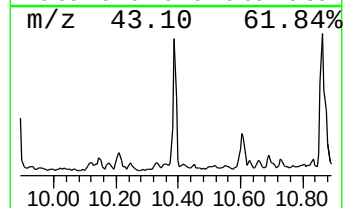
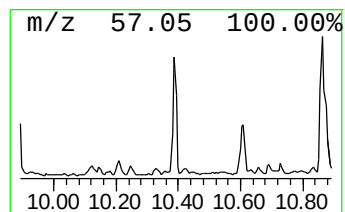
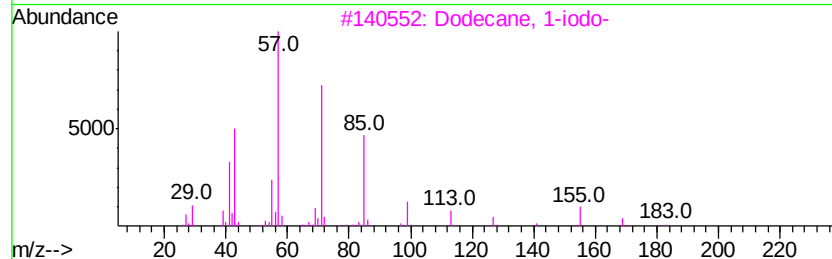
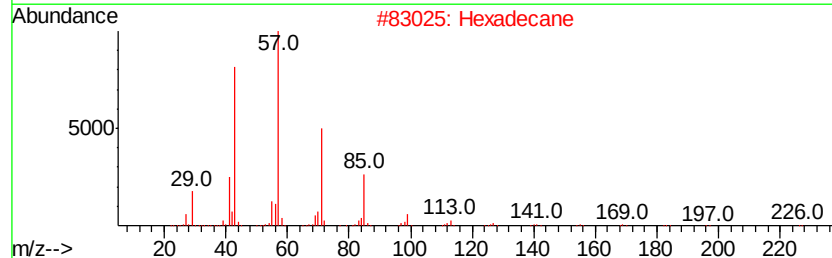
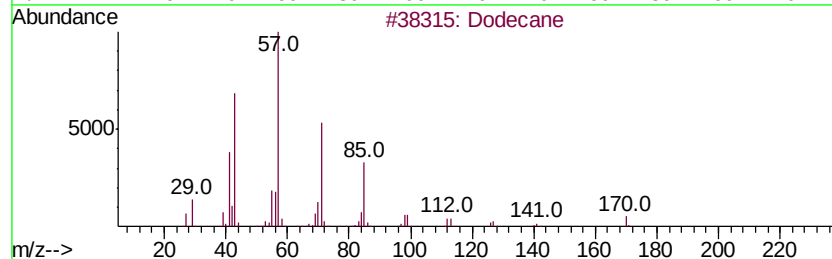
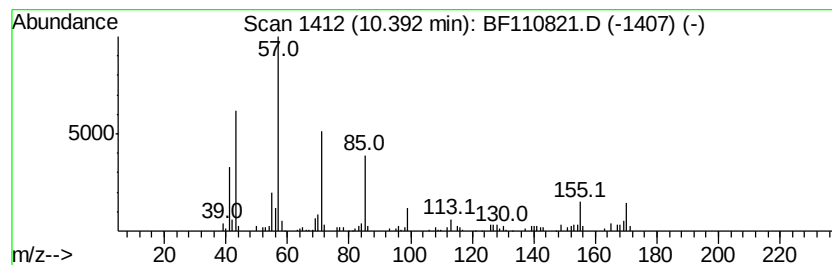
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.39	5.49 ng	148125	Acenaphthene-d10		9.98
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	Hexadecane	226	C16H34	000544-76-3	53
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52
4	Heptadecane	240	C17H36	000629-78-7	52
5	Eicosane	282	C20H42	000112-95-8	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
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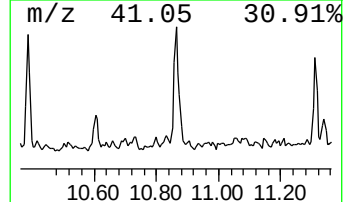
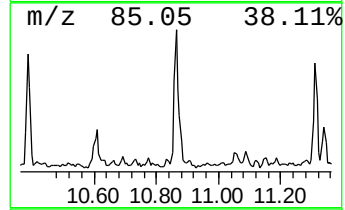
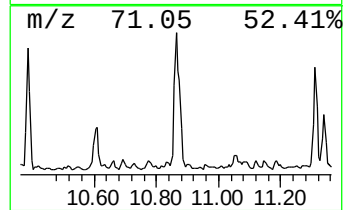
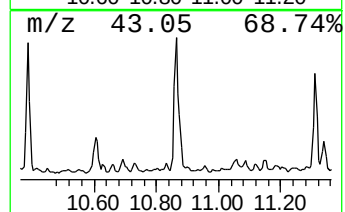
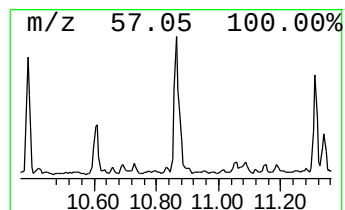
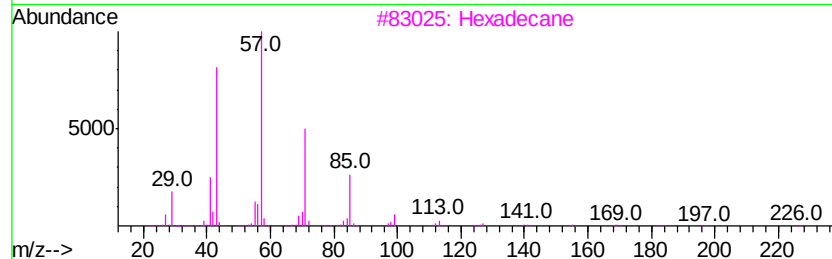
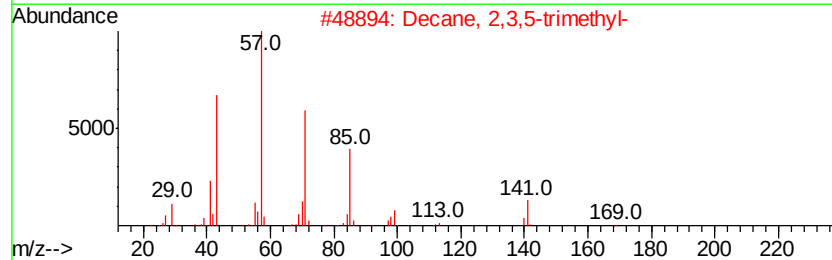
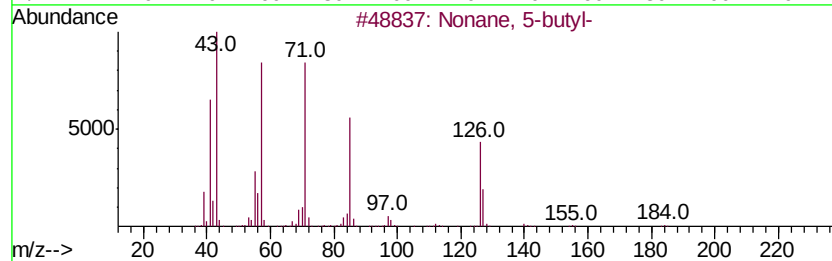
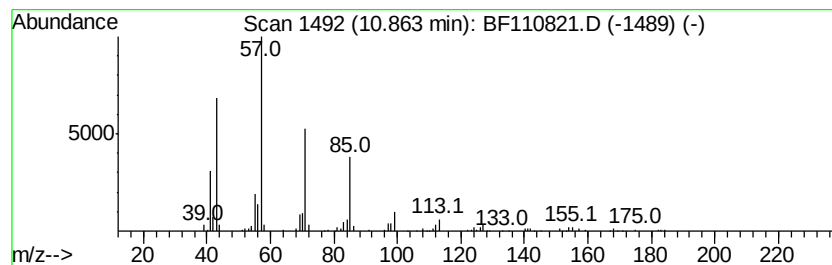
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonane, 5-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.86	10.11 ng	225741	Phenanthrene-d10	11.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
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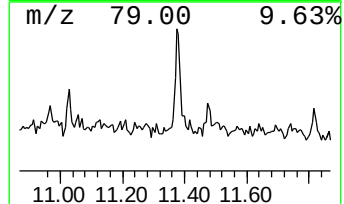
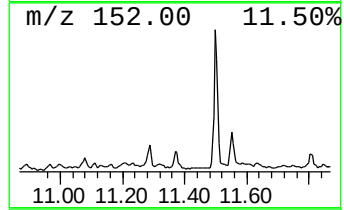
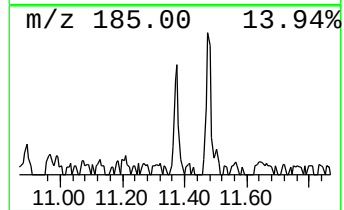
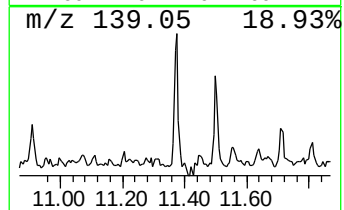
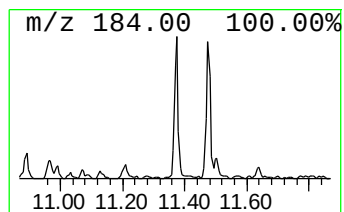
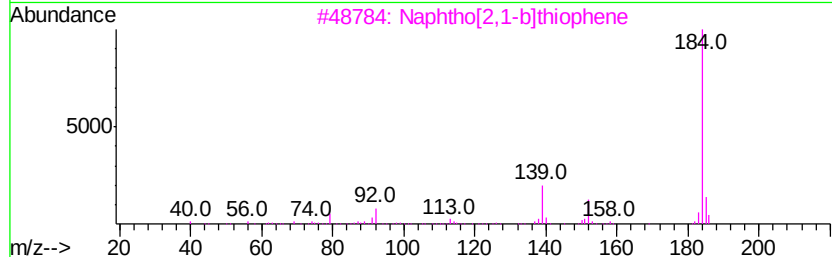
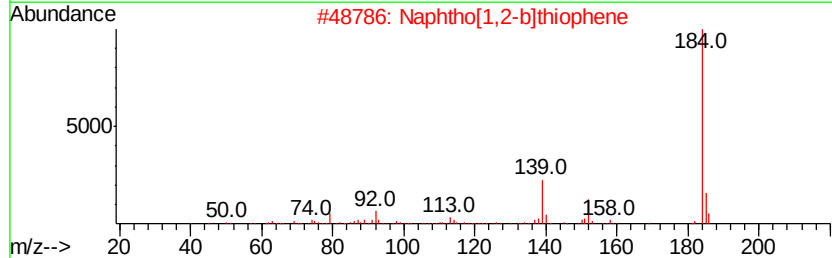
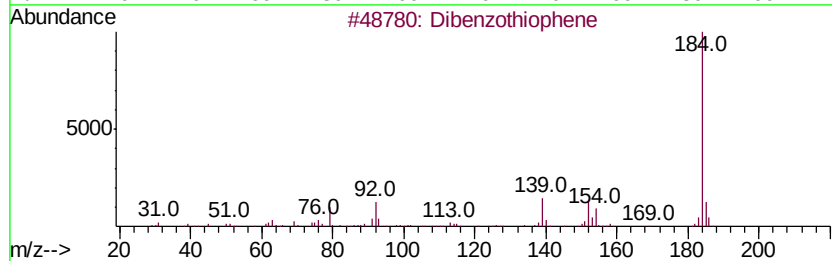
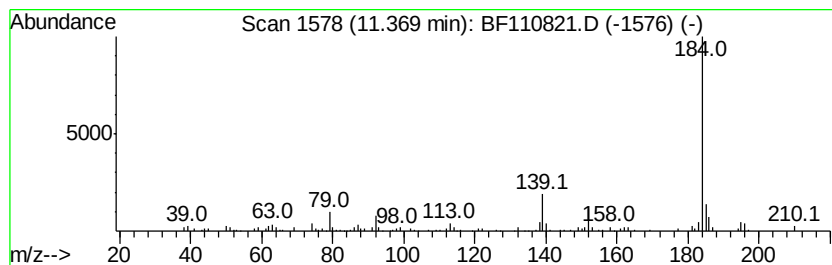
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.37	5.31 ng	118465	Phenanthrene-d10		11.47
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	91
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	81
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	76
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
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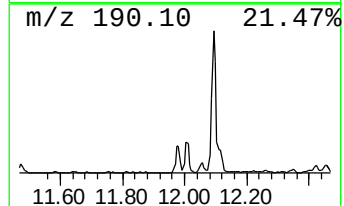
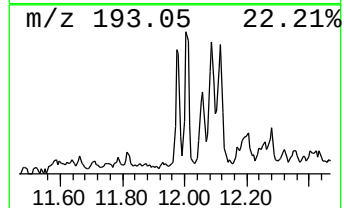
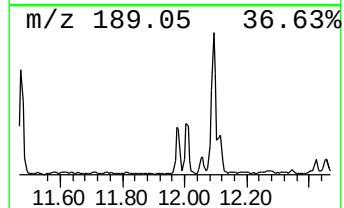
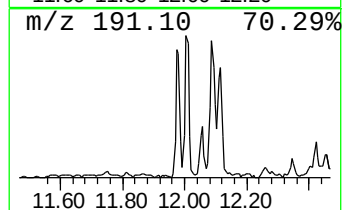
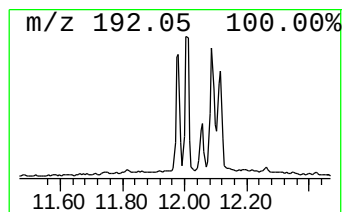
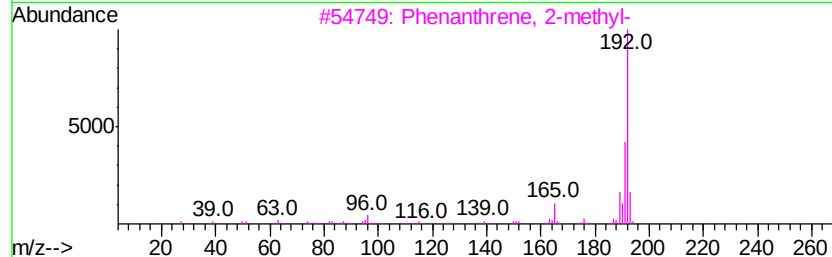
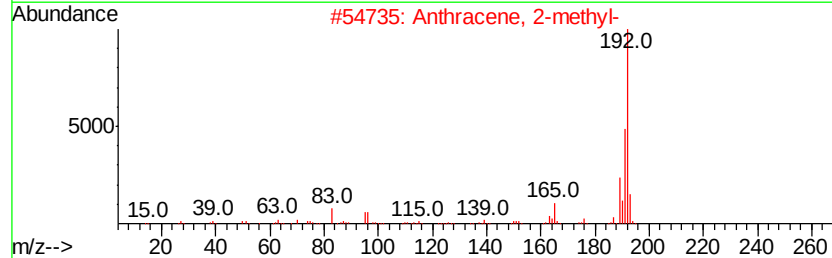
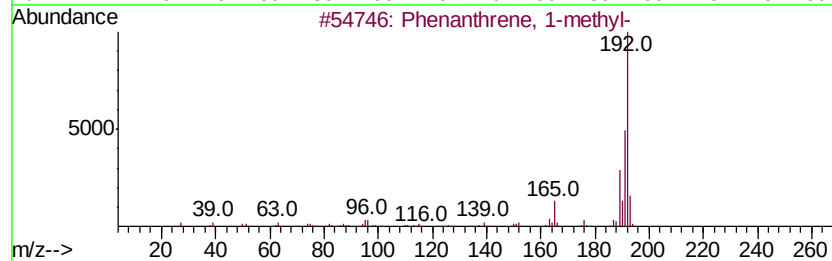
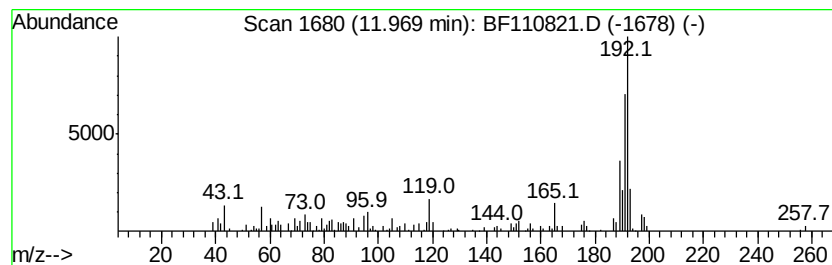
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	9.00 ng	200973	Phenanthrene-d10	11.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	94
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94



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ALS Vial : 14 Sample Multiplier: 1

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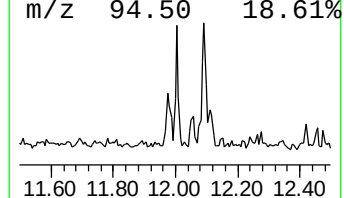
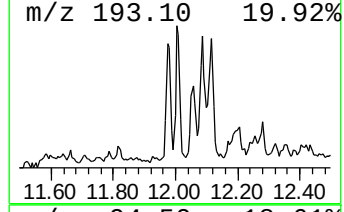
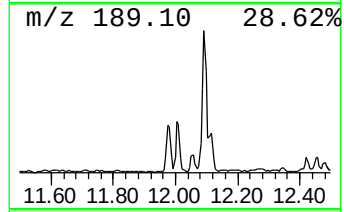
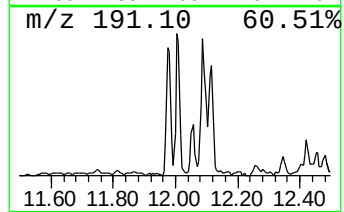
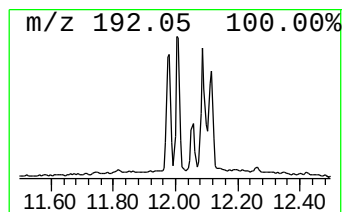
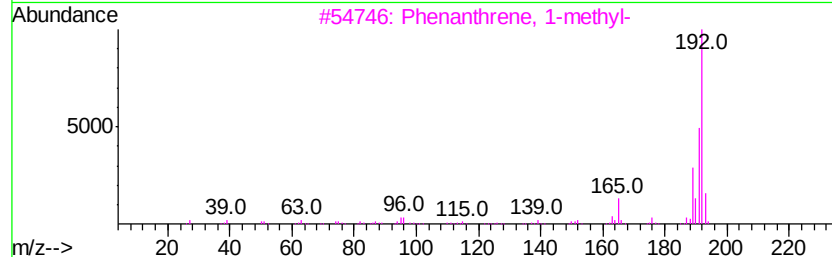
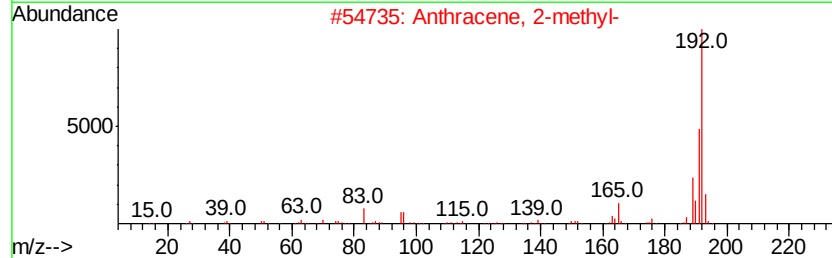
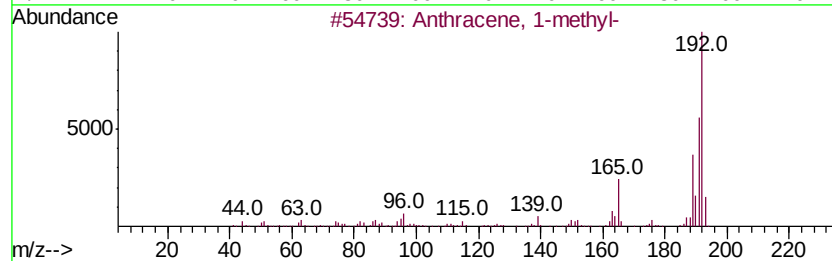
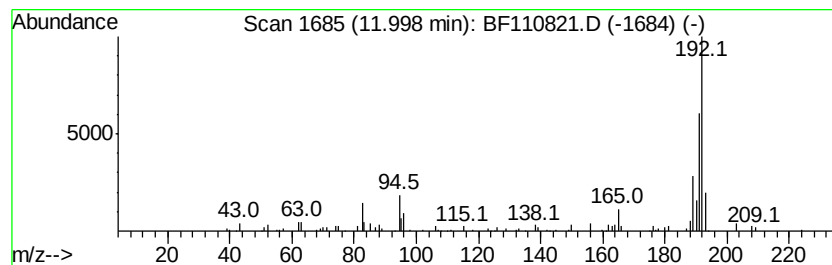
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	7.48 ng	167059	Phenanthrene-d10	11.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110821.D
Acq On : 16 Nov 2018 17:19
Operator : JU/SJ
Sample : J5952-04 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

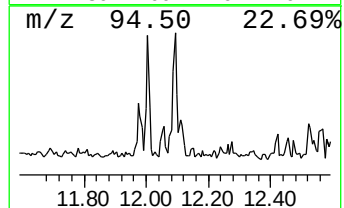
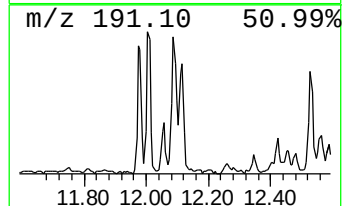
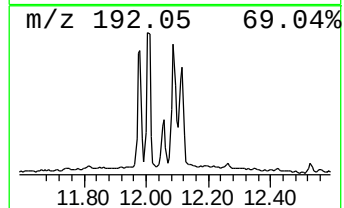
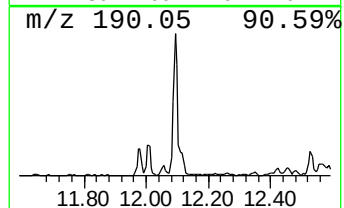
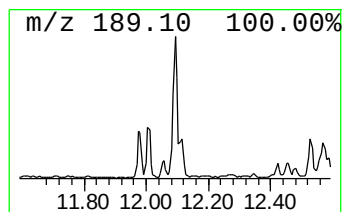
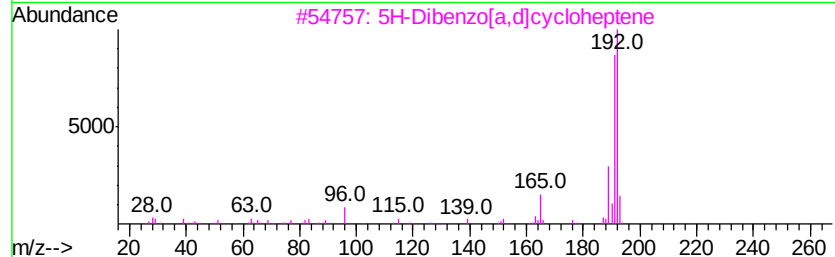
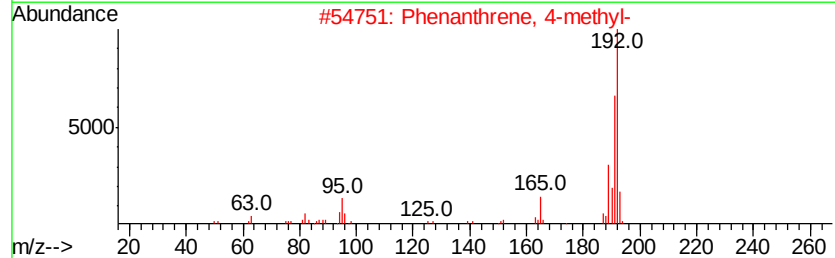
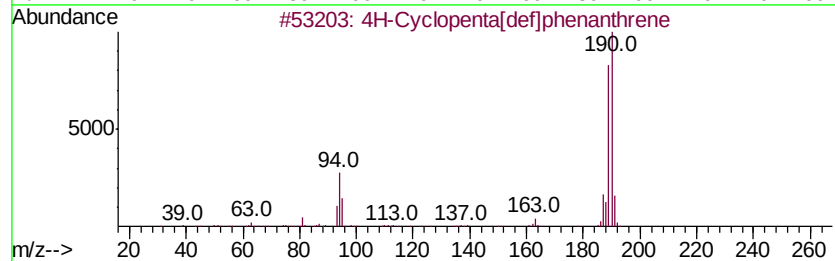
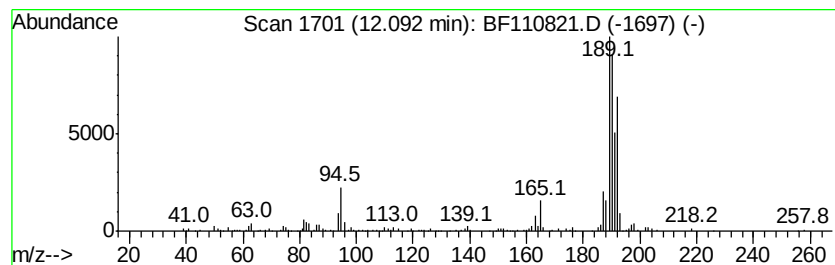
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ClientSampleId :
VTW-02(4-6)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.09	11.85 ng	264595	Phenanthrene-d10	11.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	22
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110821.D
Acq On : 16 Nov 2018 17:19
Operator : JU/SJ
Sample : J5952-04 5X
Misc :
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Instrument :
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ClientSampleId :
VTW-02(4-6)

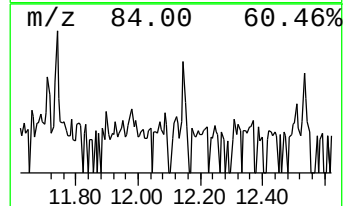
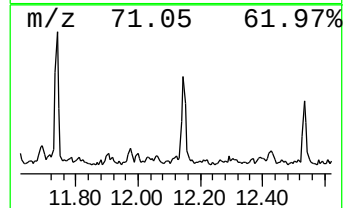
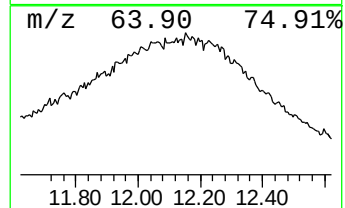
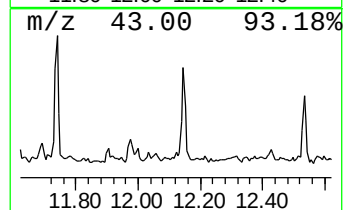
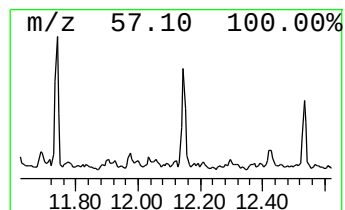
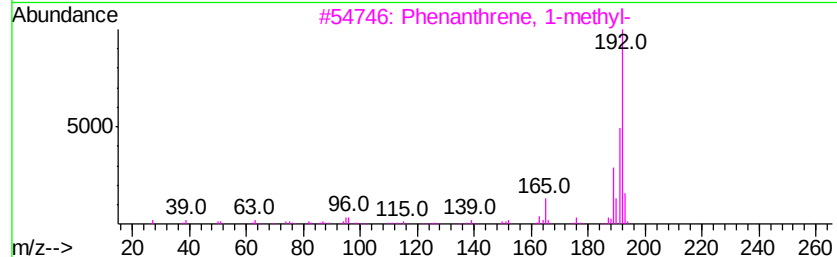
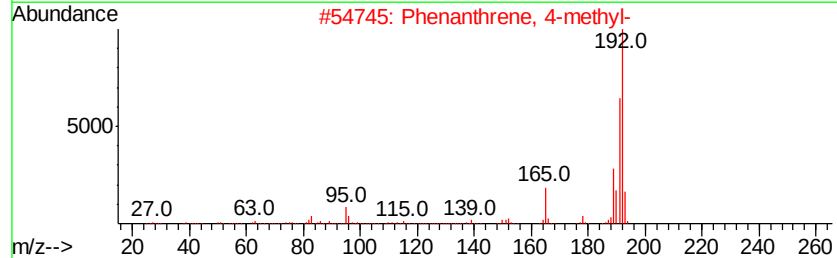
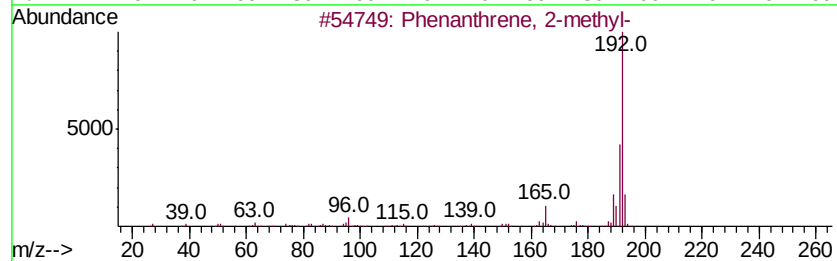
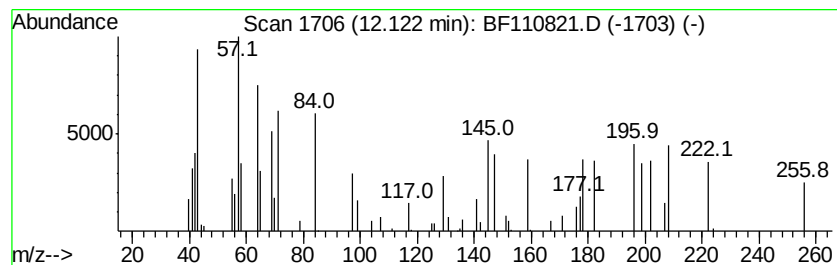
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	4.61 ng	102895	Phenanthrene-d10	11.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4			1H-Cyclopropa[1,1b]phenanthrene, 1a,...	192	C15H12	000949-41-7	87
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110821.D
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Operator : JU/SJ
Sample : J5952-04 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

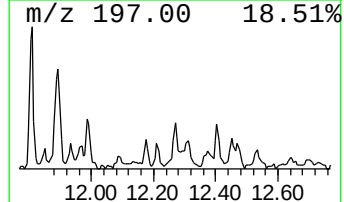
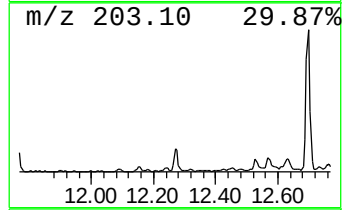
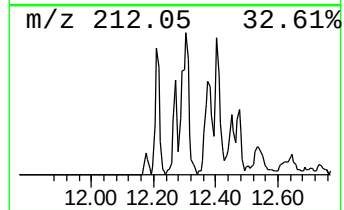
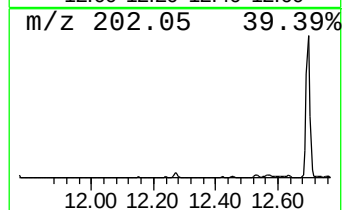
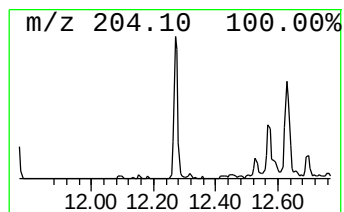
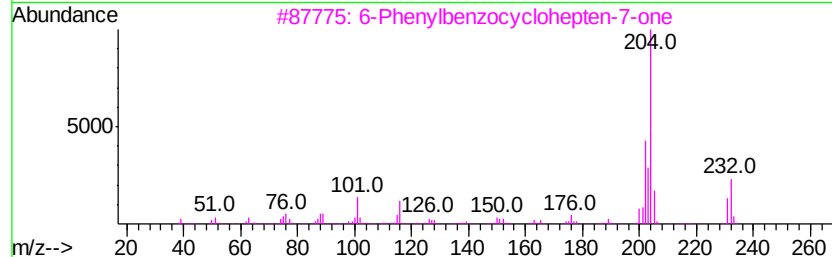
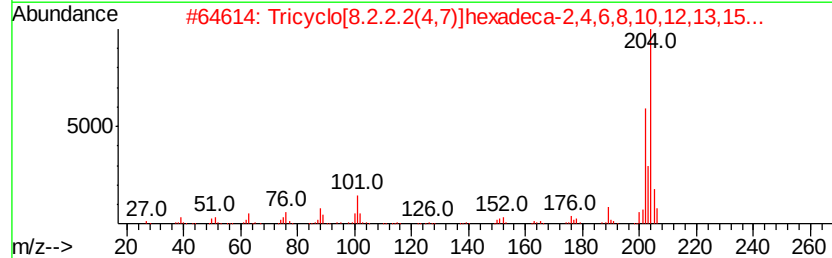
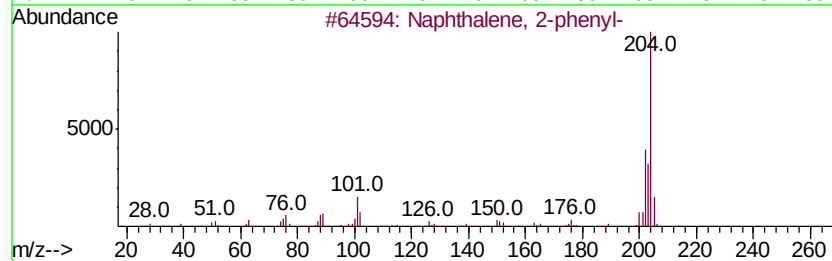
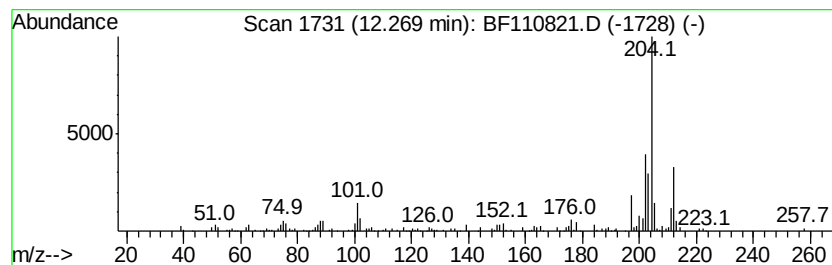
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ClientSampleId :
VTW-02(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	4.71 ng	105105	Phenanthrene-d10	11.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-phenyl-	204 C16H12	000612-94-2 90
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204 C16H12	006572-60-7 70
3		6-Phenylbenzocyclohepten-7-one	232 C17H12O	093327-56-1 68
4		5,16[1',2':1,13[1'',2'']-Dibenz...	408 C32H24	005672-97-9 59
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204 C14H8N2	004341-02-0 50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110821.D
Acq On : 16 Nov 2018 17:19
Operator : JU/SJ
Sample : J5952-04 5X
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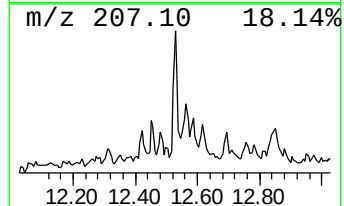
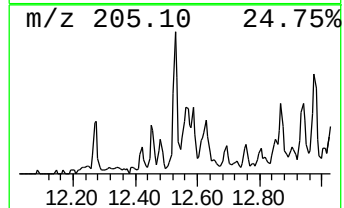
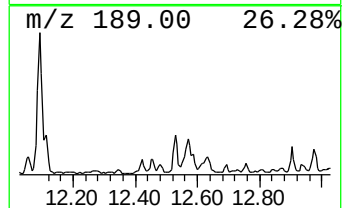
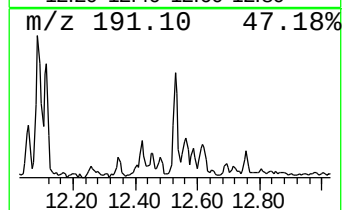
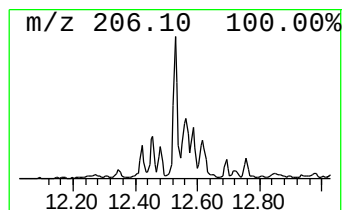
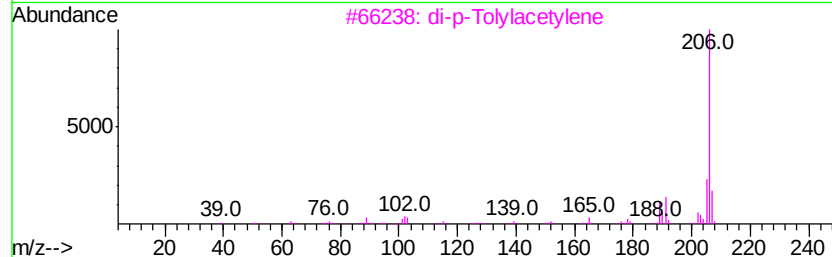
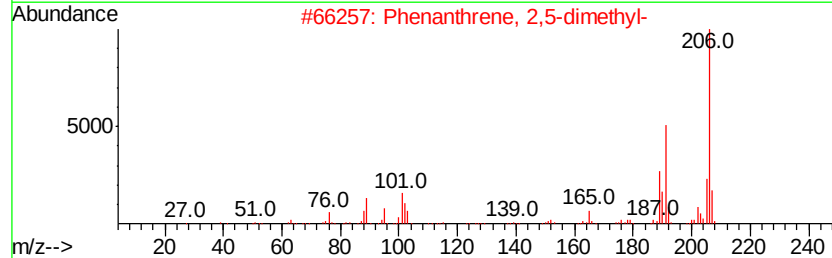
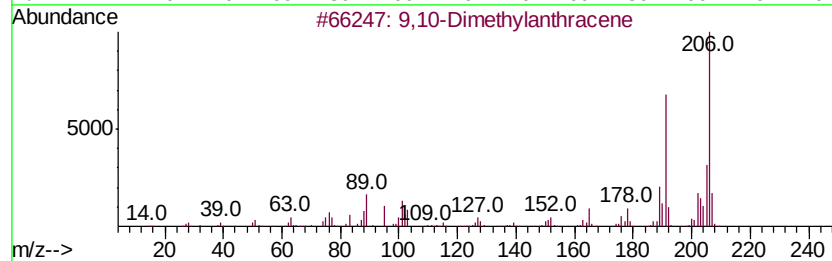
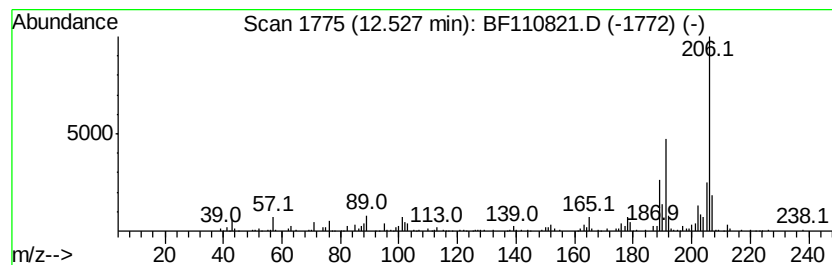
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,10-Dimethylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	8.83 ng	197068	Phenanthrene-d10	11.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	94
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110821.D
Acq On : 16 Nov 2018 17:19
Operator : JU/SJ
Sample : J5952-04 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VTW-02(4-6)

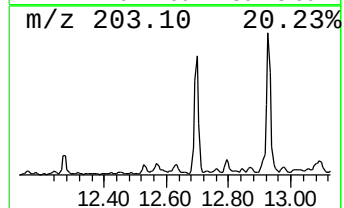
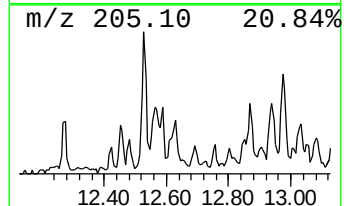
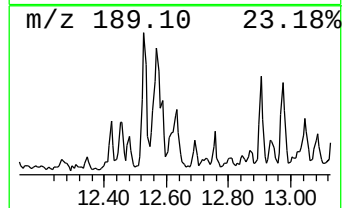
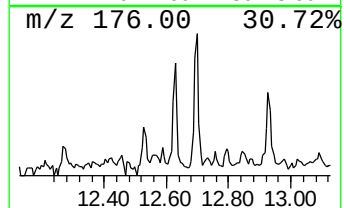
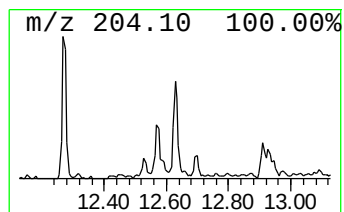
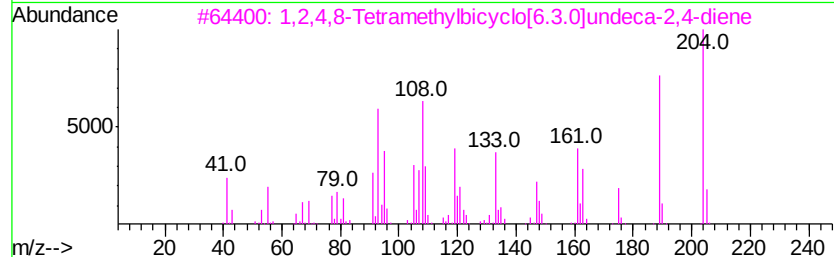
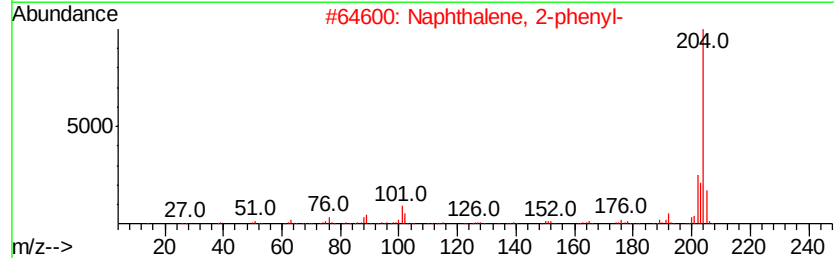
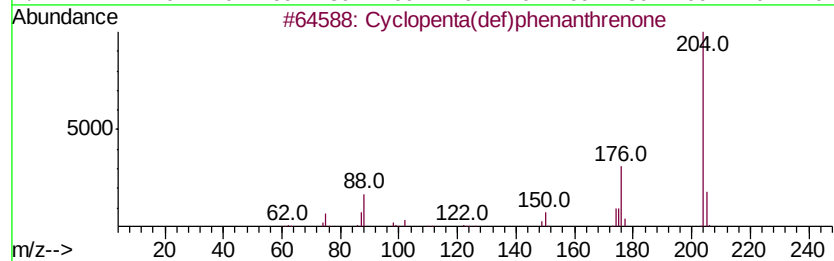
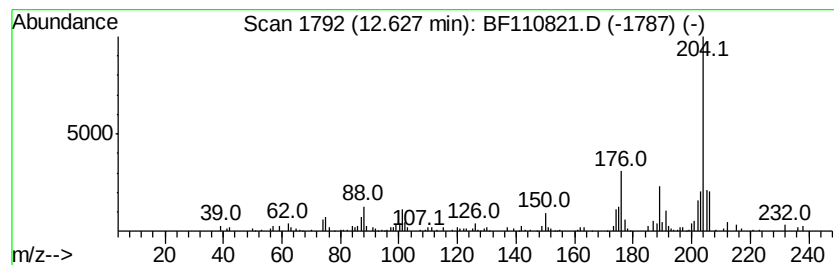
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	6.90 ng	153995	Phenanthrene-d10	11.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
3			1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	55
4			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5			Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	204	C16H12	006572-60-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110821.D
Acq On : 16 Nov 2018 17:19
Operator : JU/SJ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
VTW-02(4-6)

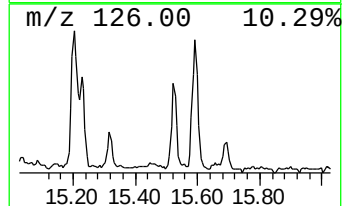
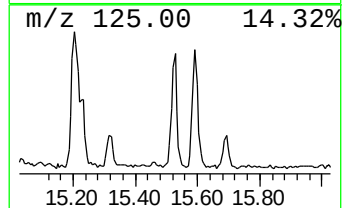
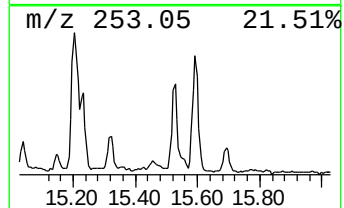
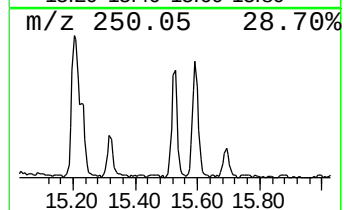
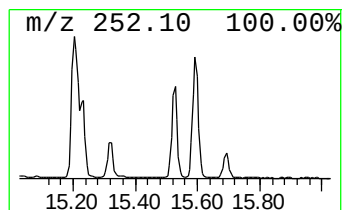
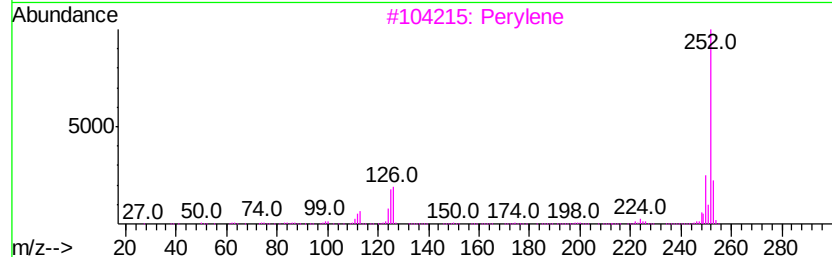
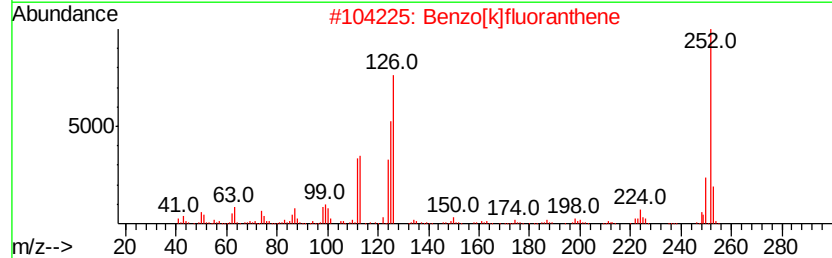
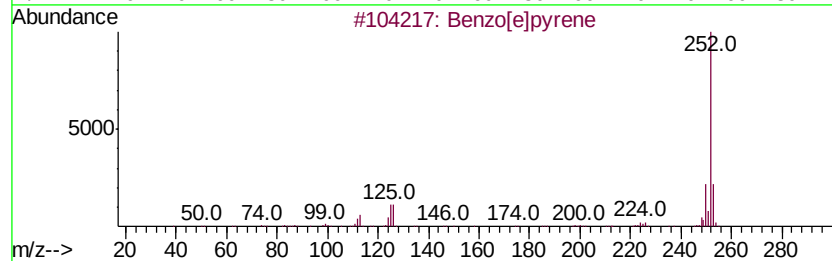
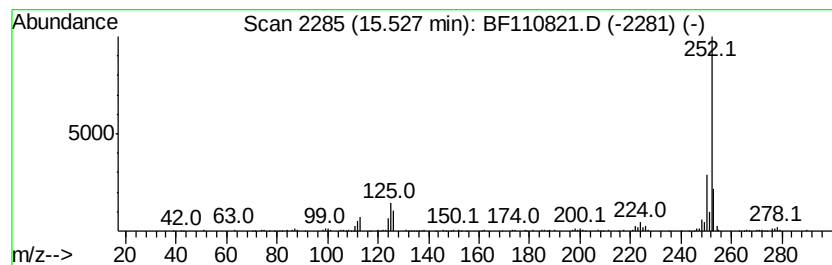
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.53	14.24 ng	224882	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111618\
 Data File : BF110821.D
 Acq On : 16 Nov 2018 17:19
 Operator : JU/SJ
 Sample : J5952-04 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VTW-02(4-6)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzene, 1-etheny...	6.77	7.9	ng	142495	1	6.94	361069	20.0
1-Propyne, 3-phenyl-	7.20	7.2	ng	129271	1	6.94	361069	20.0
Benzenemethanethi...	7.79	15.3	ng	397480	2	8.22	518841	20.0
o-Cymene	8.43	8.5	ng	221645	2	8.22	518841	20.0
Dodecane	10.39	5.5	ng	148125	3	9.98	539305	20.0
Nonane, 5-butyl-	10.86	10.1	ng	225741	4	11.47	446420	20.0
Dibenzothiophene	11.37	5.3	ng	118465	4	11.47	446420	20.0
Phenanthrene, 1-m...	11.97	9.0	ng	200973	4	11.47	446420	20.0
Anthracene, 1-met...	12.00	7.5	ng	167059	4	11.47	446420	20.0
4H-Cyclopenta[def...	12.09	11.9	ng	264595	4	11.47	446420	20.0
Phenanthrene, 2-m...	12.12	4.6	ng	102895	4	11.47	446420	20.0
Naphthalene, 2-ph...	12.27	4.7	ng	105105	4	11.47	446420	20.0
9,10-Dimethylanth...	12.53	8.8	ng	197068	4	11.47	446420	20.0
Cyclopenta(def)ph...	12.63	6.9	ng	153995	4	11.47	446420	20.0
Benzo[e]pyrene	15.53	14.2	ng	224882	6	15.66	315819	20.0