

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111618\
 Data File : BF110823.D
 Acq On : 16 Nov 2018 18:13
 Operator : JU/SJ
 Sample : J5952-06 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

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	5.557	587	590	611	rVB	206915	306643	24.68%	1.723%
2	6.563	758	761	778	rBV	257250	348174	28.02%	1.956%
3	6.704	782	785	792	rBV	392415	359230	28.91%	2.019%
4	6.940	821	825	832	rBV	393167	360821	29.04%	2.027%
5	7.093	848	851	865	rBV	288522	274282	22.08%	1.541%
6	7.504	918	921	936	rBV	167756	217183	17.48%	1.220%
7	8.222	1039	1043	1045	rBV	509202	440949	35.49%	2.478%
8	8.239	1045	1046	1054	rVV	116376	133564	10.75%	0.751%
9	8.939	1161	1165	1172	rBV2	35039	39634	3.19%	0.223%
10	9.039	1178	1182	1192	rBB	30208	35042	2.82%	0.197%
11	9.292	1222	1225	1233	rBV	439580	382628	30.80%	2.150%
12	9.639	1279	1284	1286	rVV	38065	40709	3.28%	0.229%
13	9.686	1290	1292	1301	rVV2	41539	56705	4.56%	0.319%
14	9.845	1315	1319	1324	rBV	127219	132500	10.66%	0.745%
15	9.981	1339	1342	1346	rVV	618098	540277	43.49%	3.036%
16	10.016	1346	1348	1351	rVV	62775	57594	4.64%	0.324%
17	10.186	1372	1377	1380	rBV2	57917	65910	5.31%	0.370%
18	10.386	1407	1411	1417	rBV2	27837	34039	2.74%	0.191%
19	10.533	1432	1436	1442	rVB	156021	156956	12.63%	0.882%
20	10.610	1442	1449	1452	rBV7	17387	32112	2.58%	0.180%
21	10.686	1457	1462	1465	rVB	32174	34396	2.77%	0.193%
22	10.775	1471	1477	1483	rBV3	226046	255392	20.56%	1.435%
23	11.080	1523	1529	1532	rBV	54971	70271	5.66%	0.395%
24	11.286	1560	1564	1566	rVV3	25344	33040	2.66%	0.186%
25	11.316	1566	1569	1571	rVV2	29145	35184	2.83%	0.198%
26	11.375	1575	1579	1587	rVB	78334	80301	6.46%	0.451%
27	11.475	1592	1596	1598	rBV	555332	474329	38.18%	2.665%
28	11.498	1598	1600	1604	rVB	827695	730141	58.77%	4.103%
29	11.551	1606	1609	1613	rBV	281439	254071	20.45%	1.428%
30	11.710	1632	1636	1639	rBV2	52667	58305	4.69%	0.328%
31	11.810	1650	1653	1658	rVB	46241	48970	3.94%	0.275%
32	11.892	1663	1667	1671	rVB	30683	38146	3.07%	0.214%
33	11.975	1678	1681	1684	rBV	161484	156798	12.62%	0.881%
34	12.004	1684	1686	1690	rVB	170344	151938	12.23%	0.854%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

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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 >

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35	12.057	1691	1695	1697	rVV	77518	70181	5.65%	0.394%
36	12.092	1697	1701	1703	rVV2	262085	277700	22.35%	1.560%
37	12.116	1703	1705	1708	rVB	104662	87865	7.07%	0.494%
38	12.269	1728	1731	1734	rVV	102129	96413	7.76%	0.542%
39	12.310	1735	1738	1742	rVB3	38867	45039	3.63%	0.253%
40	12.422	1752	1757	1760	rVB3	27412	40691	3.28%	0.229%
41	12.527	1771	1775	1778	rBV	115127	118114	9.51%	0.664%
42	12.569	1778	1782	1784	rVV2	61751	86241	6.94%	0.485%
43	12.627	1787	1792	1799	rVB4	57087	114568	9.22%	0.644%
44	12.698	1799	1804	1807	rBV	1049921	927003	74.61%	5.209%
45	12.792	1817	1820	1825	rBV	140305	127984	10.30%	0.719%
46	12.845	1825	1829	1831	rVV2	61391	69650	5.61%	0.391%
47	12.869	1831	1833	1836	rVV	36761	31962	2.57%	0.180%
48	12.904	1836	1839	1840	rVV	133173	111005	8.93%	0.624%
49	12.927	1840	1843	1848	rVV	1013719	919566	74.02%	5.167%
50	12.974	1848	1851	1854	rVB2	57752	55576	4.47%	0.312%
51	13.057	1860	1865	1867	rBV2	331309	315373	25.38%	1.772%
52	13.092	1867	1871	1875	rVB2	38113	53802	4.33%	0.302%
53	13.139	1875	1879	1884	rVB2	81742	132061	10.63%	0.742%
54	13.198	1884	1889	1891	rBV3	21752	32274	2.60%	0.181%
55	13.233	1891	1895	1896	rBV3	85897	107217	8.63%	0.602%
56	13.251	1896	1898	1902	rVB	224694	215668	17.36%	1.212%
57	13.322	1907	1910	1912	rBV	183142	159077	12.80%	0.894%
58	13.357	1912	1916	1923	rVB2	122676	181034	14.57%	1.017%
59	13.451	1929	1932	1935	rBV	98980	95644	7.70%	0.537%
60	13.480	1935	1937	1941	rVV	76373	77786	6.26%	0.437%
61	13.522	1942	1944	1947	rVB	55299	44417	3.58%	0.250%
62	13.551	1947	1949	1954	rVB5	25852	35351	2.85%	0.199%
63	13.733	1977	1980	1983	rBV3	38652	51068	4.11%	0.287%
64	13.769	1983	1986	1989	rVB2	53651	54602	4.39%	0.307%
65	13.880	1999	2005	2007	rBV2	111406	152527	12.28%	0.857%
66	13.898	2007	2008	2011	rVB	97473	74885	6.03%	0.421%
67	13.933	2011	2014	2020	rBV3	110854	152539	12.28%	0.857%
68	14.045	2028	2033	2039	rBV	48079	104331	8.40%	0.586%
69	14.127	2039	2047	2050	rBV2	777469	1242401	100.00%	6.981%
70	14.157	2050	2052	2058	rVB	574833	469783	37.81%	2.640%
71	14.239	2063	2066	2071	rBV3	53576	82235	6.62%	0.462%

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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	14.286	2071	2074	2079	rVV4	82433	98969	7.97%	0.556%
73	14.357	2082	2086	2089	rVB2	37714	51900	4.18%	0.292%
74	14.474	2103	2106	2108	rVV	56533	64332	5.18%	0.361%
75	14.516	2108	2113	2115	rVV	178529	239151	19.25%	1.344%
76	14.551	2116	2119	2122	rVV2	107110	139326	11.21%	0.783%
77	14.592	2122	2126	2128	rVV3	73105	114159	9.19%	0.641%
78	14.616	2128	2130	2132	rVV2	84637	87703	7.06%	0.493%
79	14.645	2132	2135	2137	rVV	101382	128657	10.36%	0.723%
80	14.663	2137	2138	2143	rVV2	97634	98270	7.91%	0.552%
81	14.710	2143	2146	2149	rVV3	54755	66192	5.33%	0.372%
82	14.868	2166	2173	2178	rBV7	67384	138561	11.15%	0.779%
83	15.033	2198	2201	2205	rBV3	46098	51897	4.18%	0.292%
84	15.204	2225	2230	2238	rBV	404363	865557	69.67%	4.864%
85	15.316	2246	2249	2253	rVB	90098	106391	8.56%	0.598%
86	15.404	2261	2264	2269	rBV4	21549	38344	3.09%	0.215%
87	15.521	2280	2284	2291	rVB	230652	301792	24.29%	1.696%
88	15.592	2291	2296	2303	rBV	334501	499402	40.20%	2.806%
89	15.657	2303	2307	2310	rVV	242378	321158	25.85%	1.805%
90	15.692	2310	2313	2319	rVB2	97160	141122	11.36%	0.793%
91	15.839	2334	2338	2340	rBV3	29142	39426	3.17%	0.222%
92	15.892	2345	2347	2352	rVB3	37709	48887	3.93%	0.275%
93	16.063	2373	2376	2381	rVB2	35732	54373	4.38%	0.306%
94	16.257	2405	2409	2413	rVB3	22151	33719	2.71%	0.189%
95	16.592	2462	2466	2474	rVB5	26155	51368	4.13%	0.289%
96	17.227	2566	2574	2582	rVB	112931	242258	19.50%	1.361%
97	17.409	2600	2605	2610	rBV3	25256	50197	4.04%	0.282%
98	17.474	2612	2616	2621	rBV2	18201	36675	2.95%	0.206%
99	17.709	2649	2656	2665	rBV2	81002	181038	14.57%	1.017%
100	17.980	2697	2702	2708	rVB2	23819	55971	4.51%	0.315%

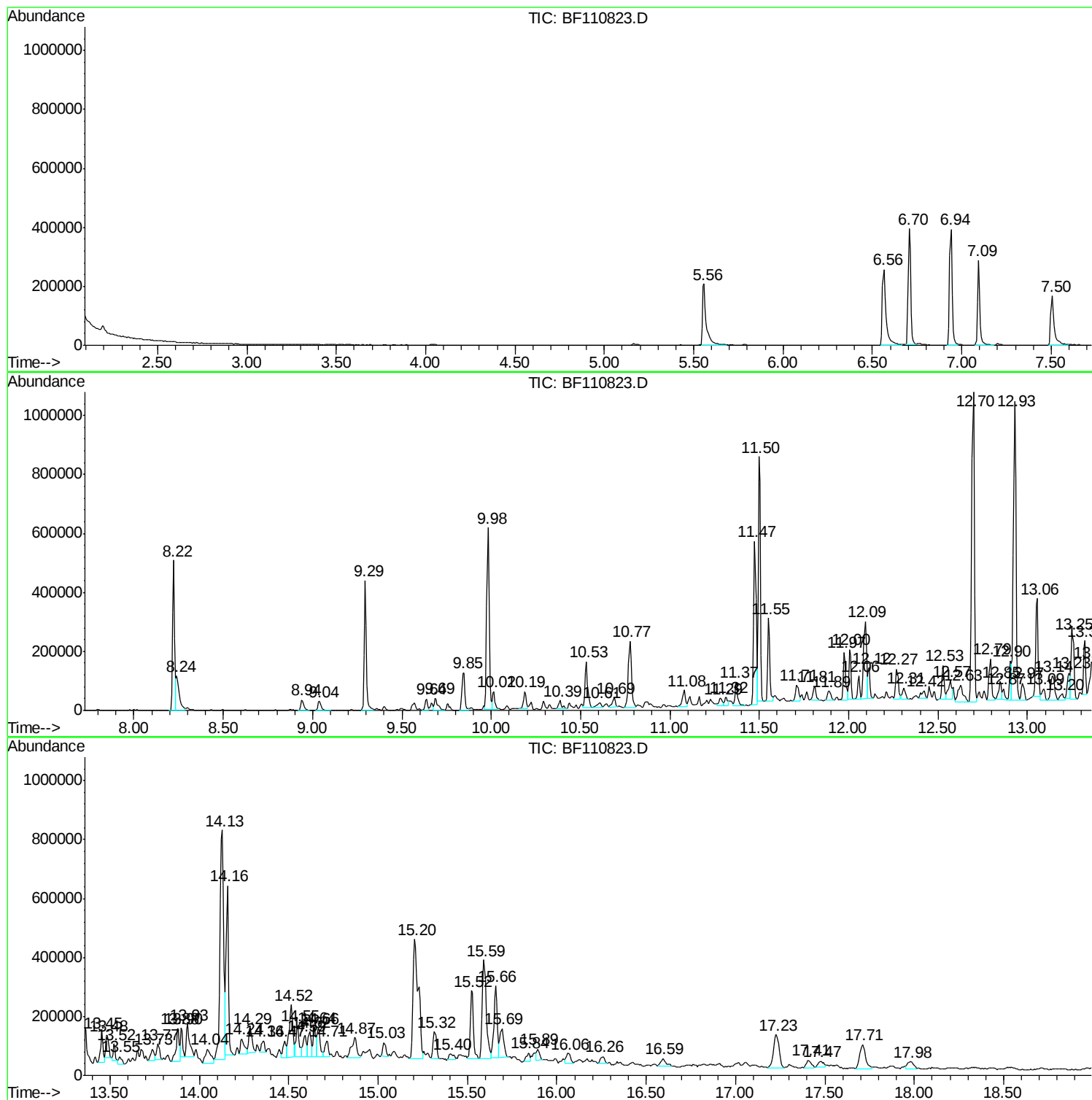
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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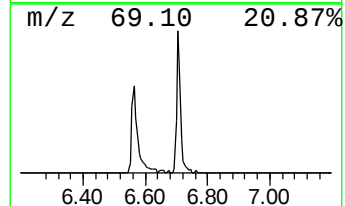
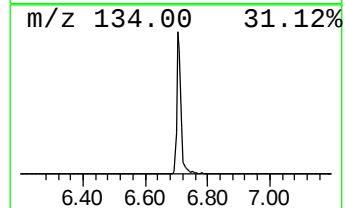
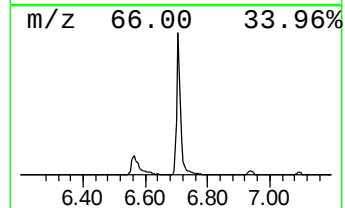
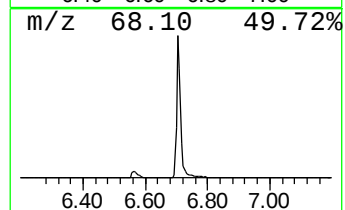
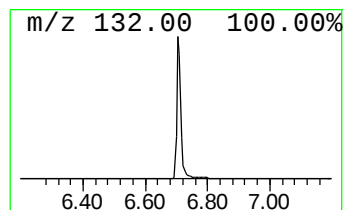
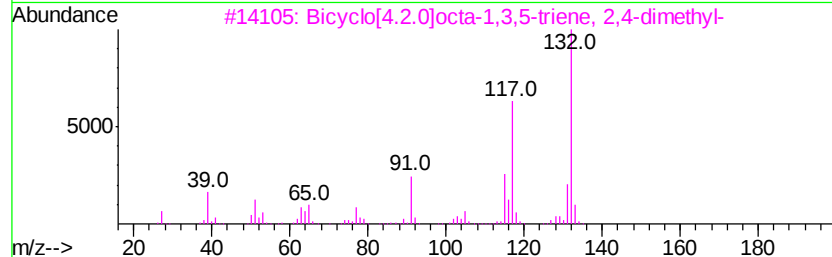
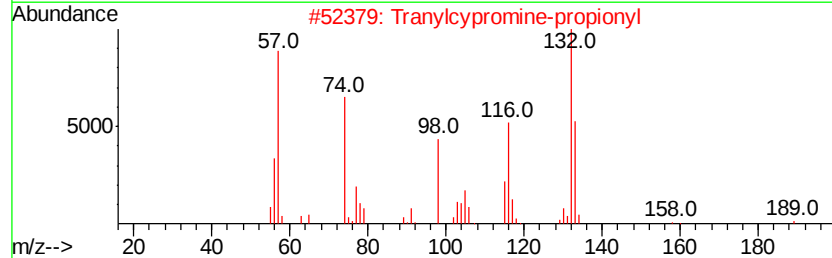
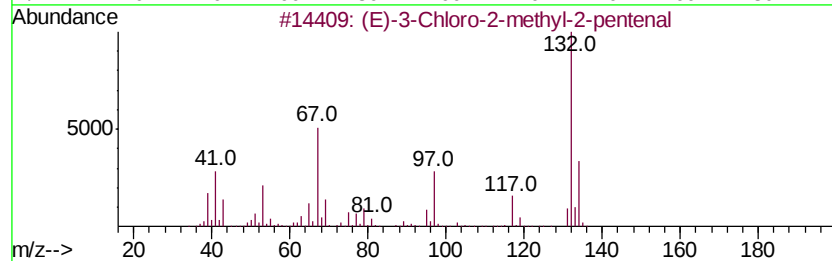
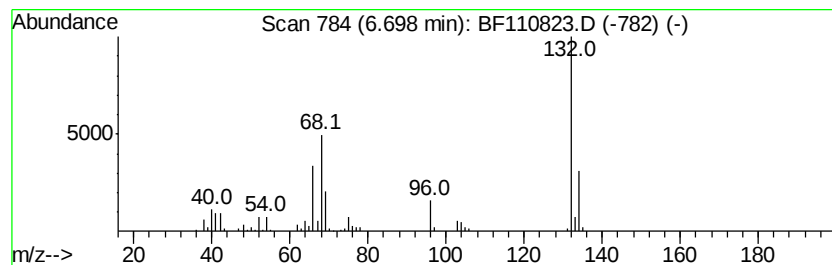
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	19.91 ng	359230	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
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		Xenon	132	Xe	007440-63-3	9



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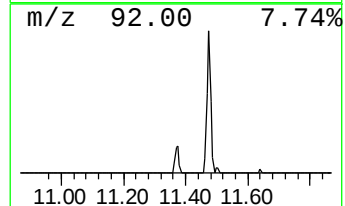
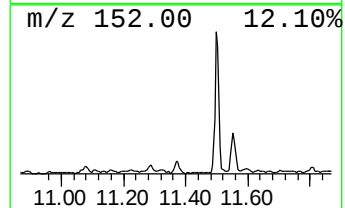
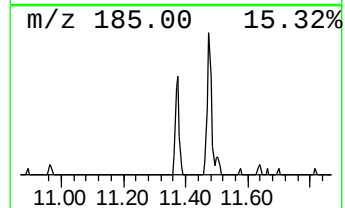
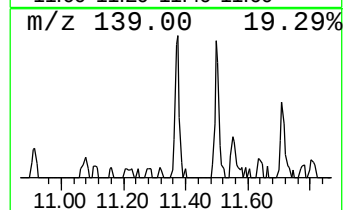
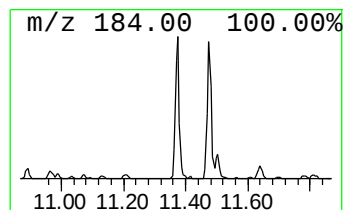
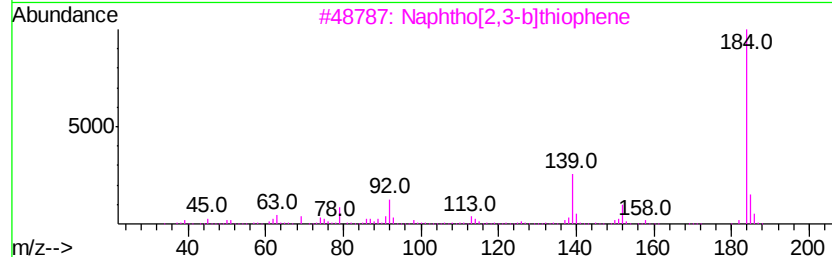
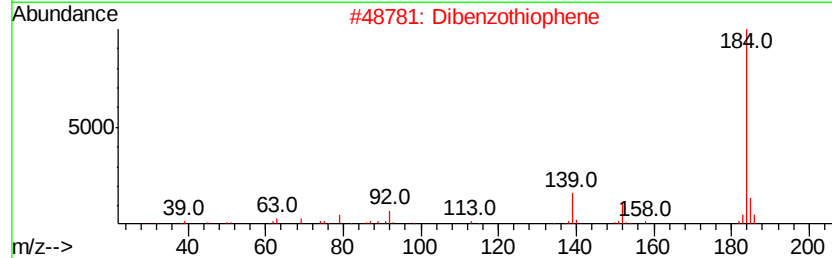
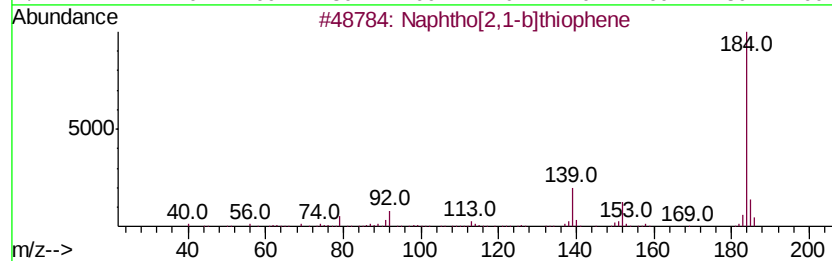
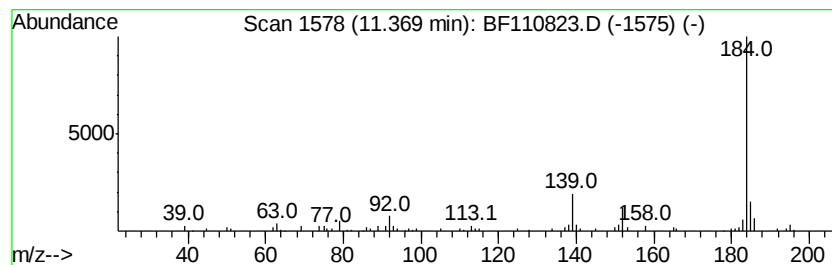
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphtho[2,1-b]thiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	3.39 ng	80301	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2		Dibenzothiophene	184	C12H8S	000132-65-0	95
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



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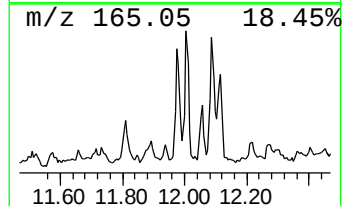
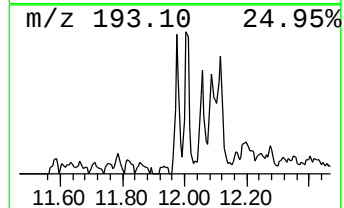
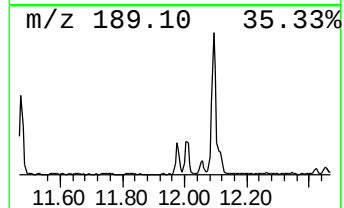
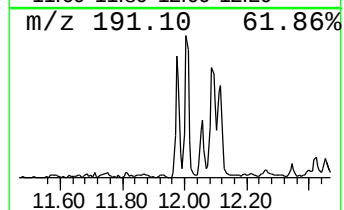
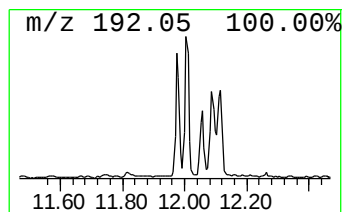
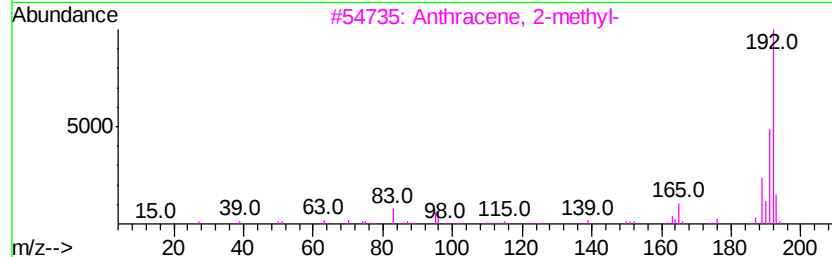
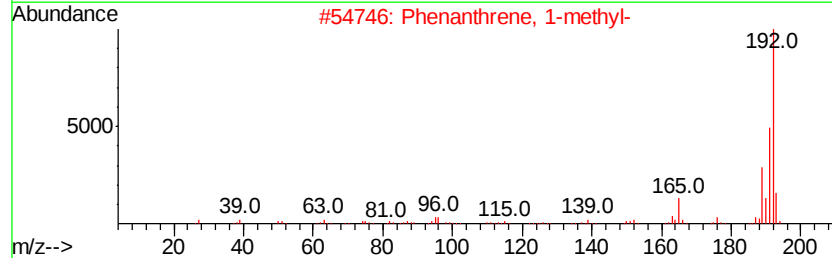
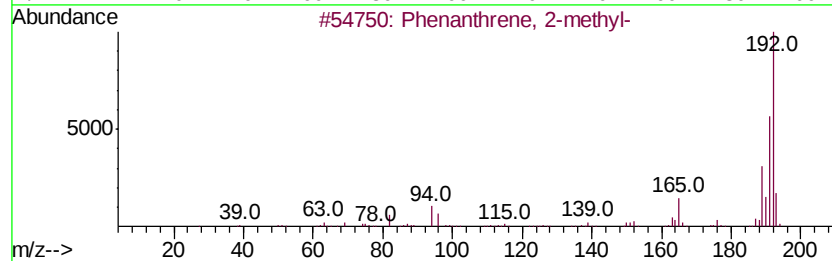
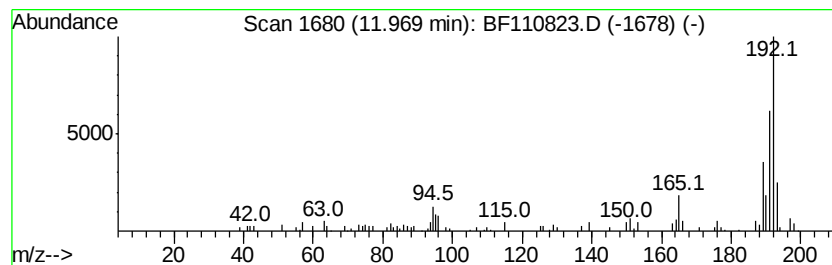
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	6.61 ng	156798	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



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Data File : BF110823.D
Acq On : 16 Nov 2018 18:13
Operator : JU/SJ
Sample : J5952-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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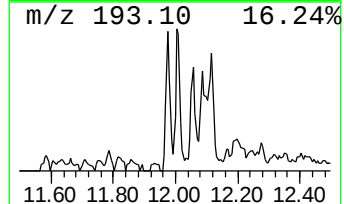
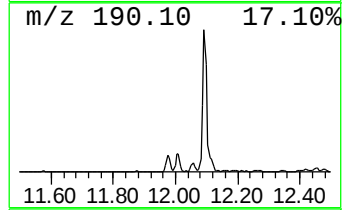
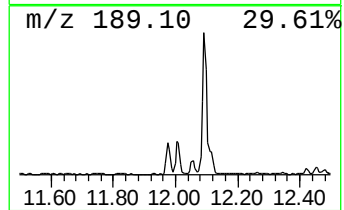
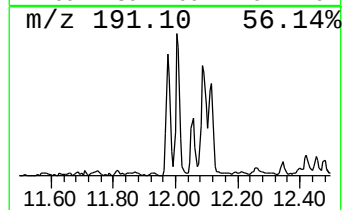
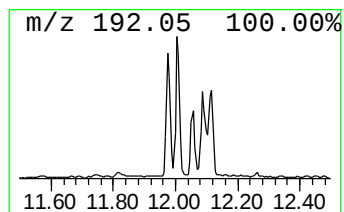
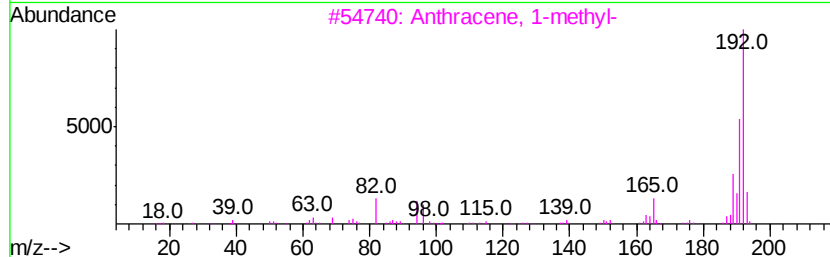
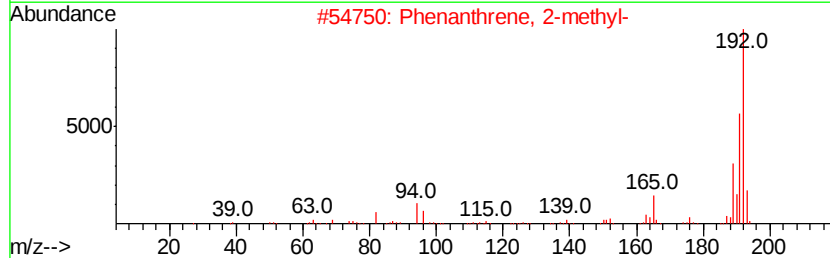
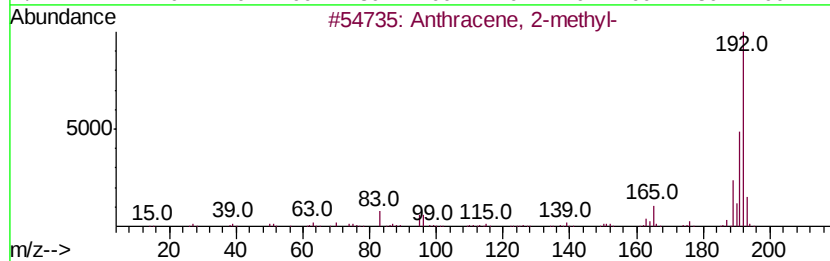
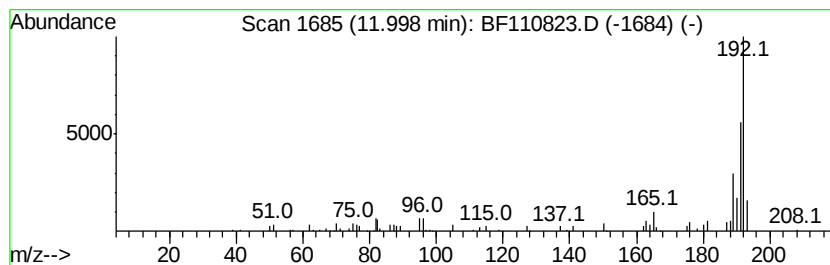
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.41 ng	151938	Phenanthrene-d10	11.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



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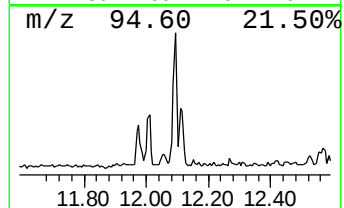
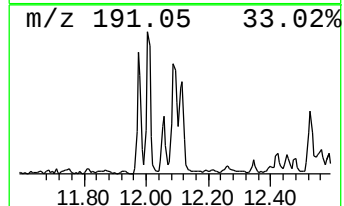
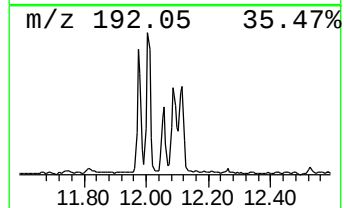
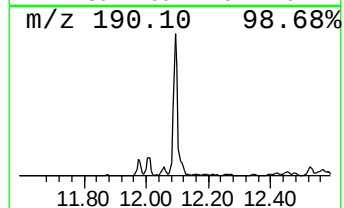
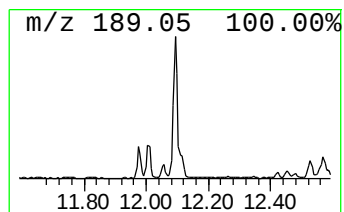
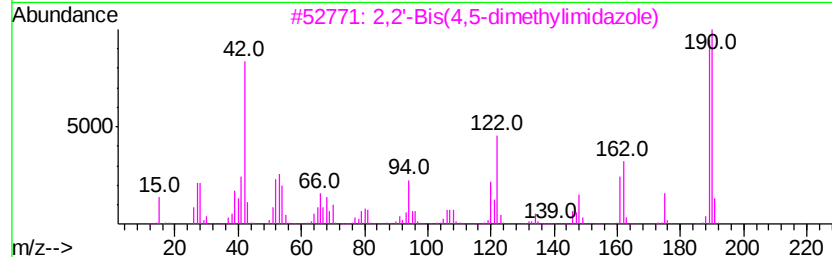
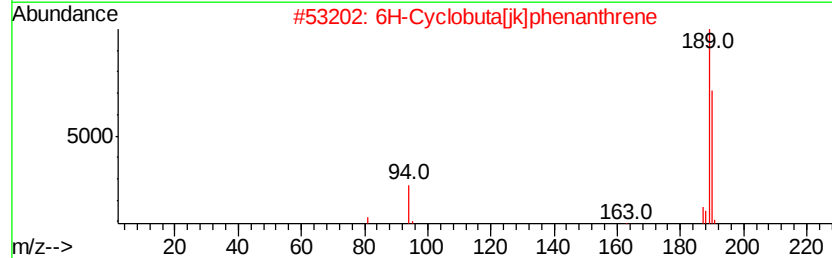
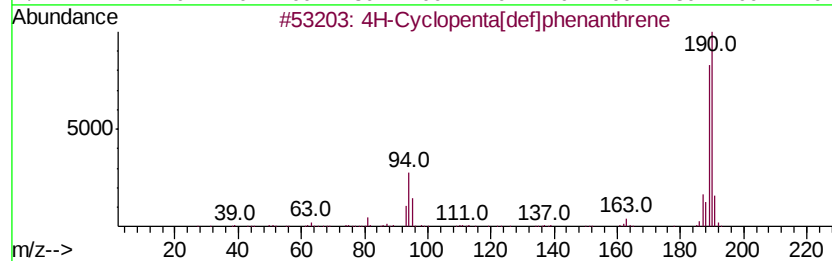
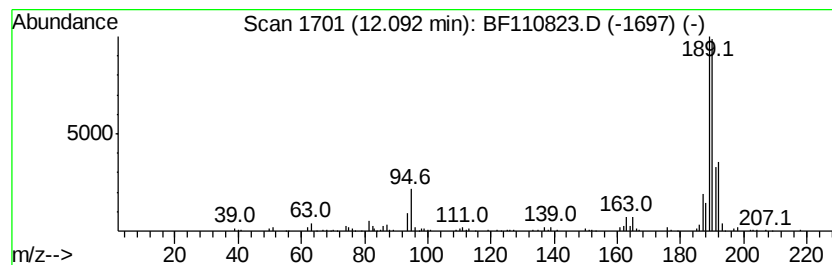
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.09	11.71 ng	277700	Phenanthrene-d10	11.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
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Sample : J5952-06 5X
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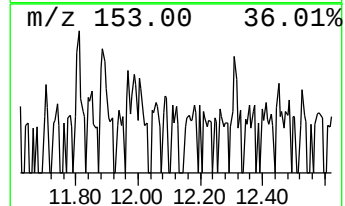
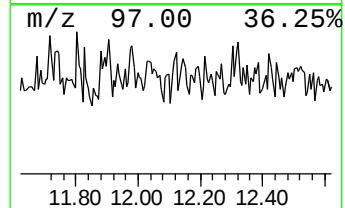
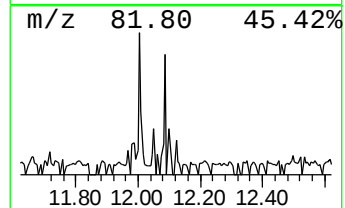
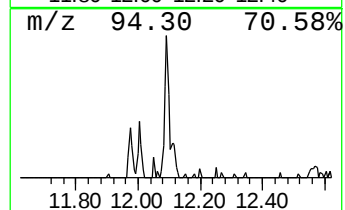
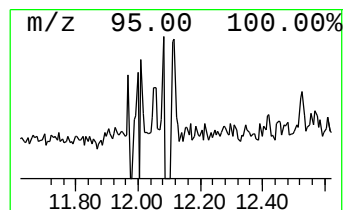
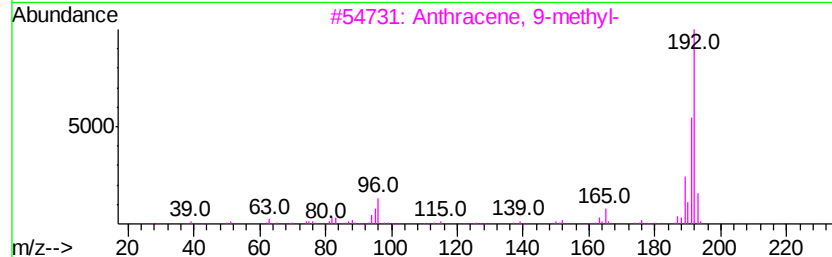
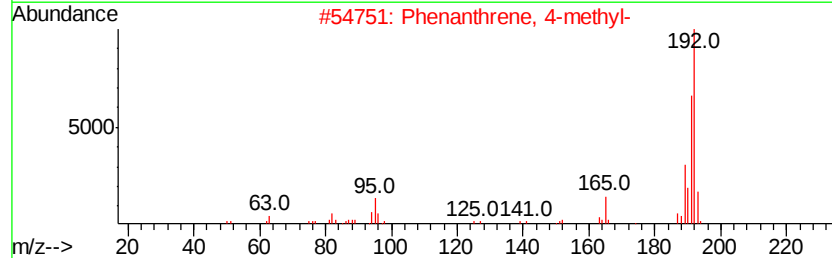
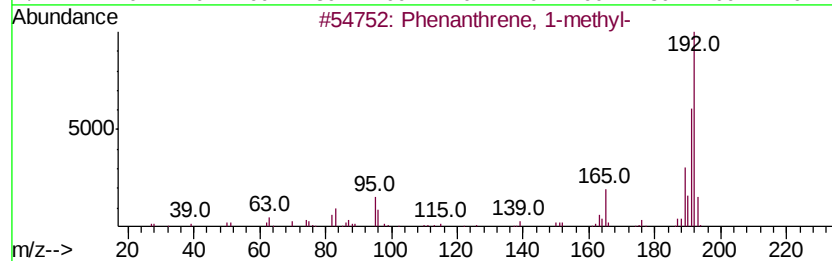
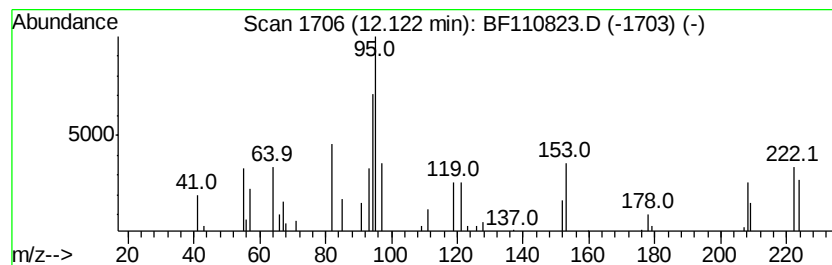
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	3.70 ng	87865	Phenanthrene-d10	11.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110823.D
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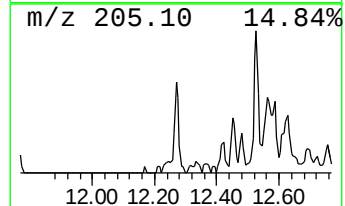
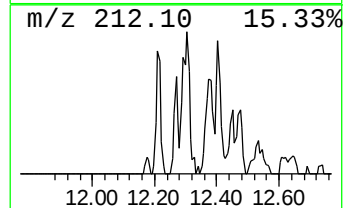
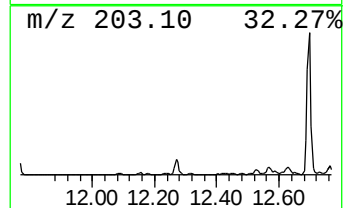
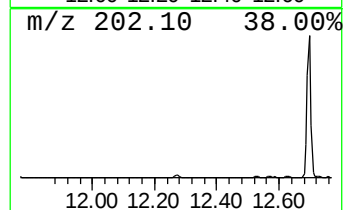
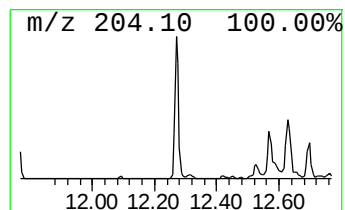
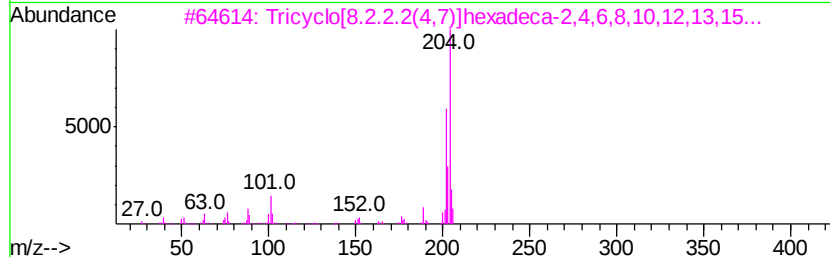
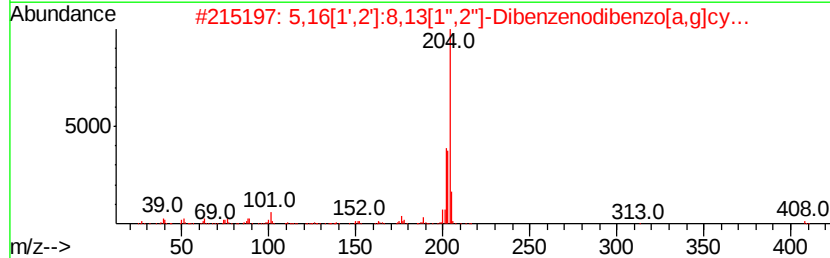
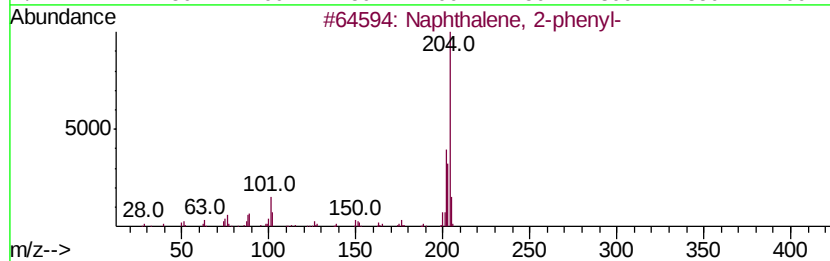
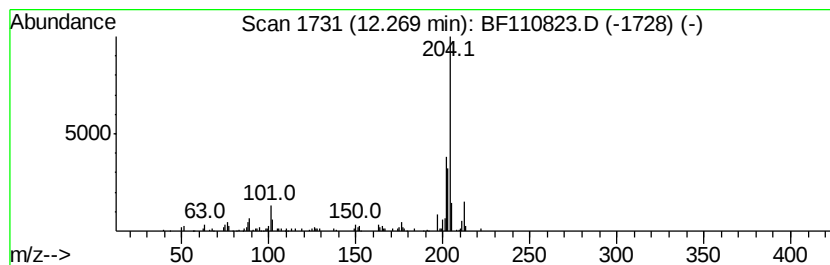
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	4.07 ng	96413	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53



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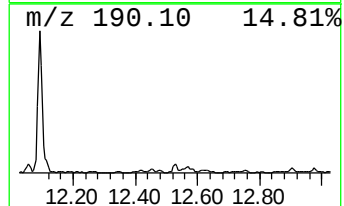
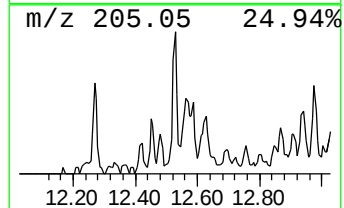
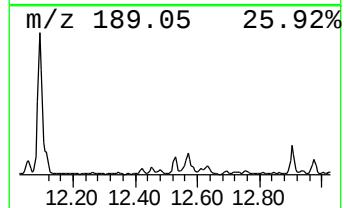
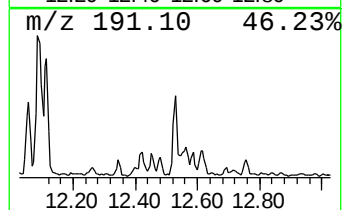
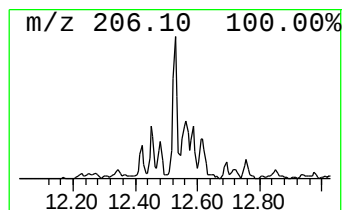
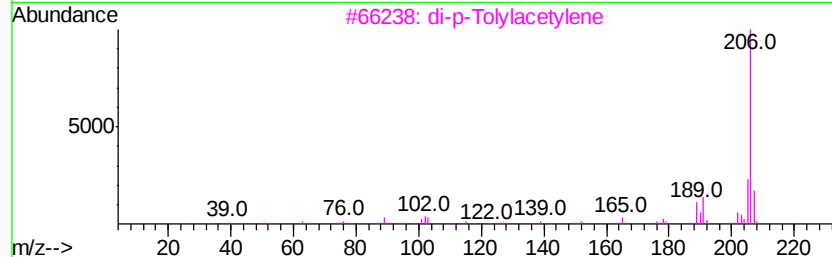
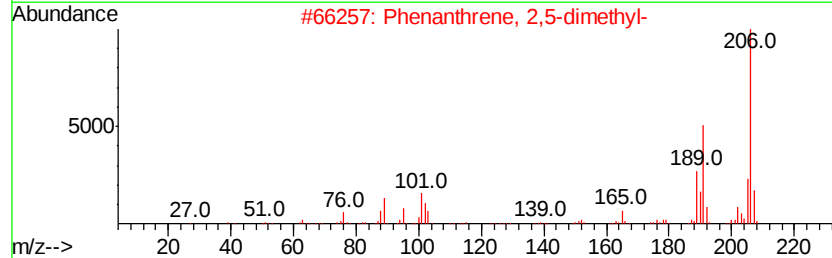
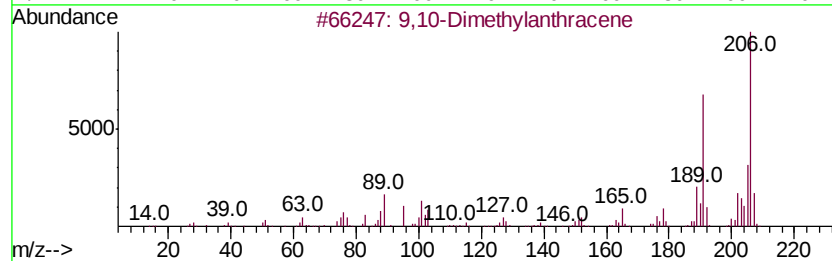
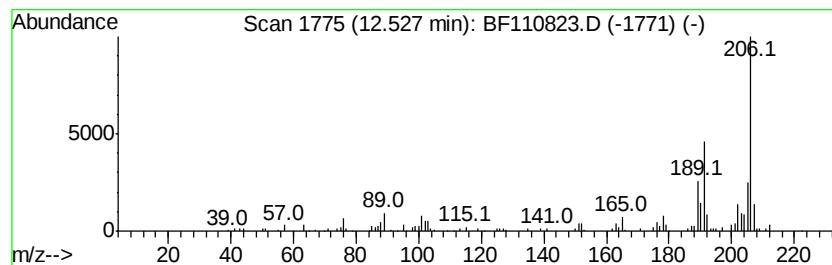
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 9,10-Dimethylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	4.98 ng	118114	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3		di-p-Tolylacetvlene	206	C16H14	002789-88-0	90
4		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	83
5		1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	81



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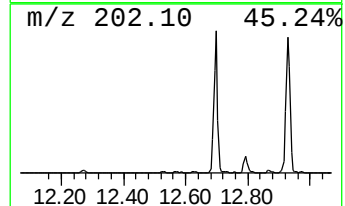
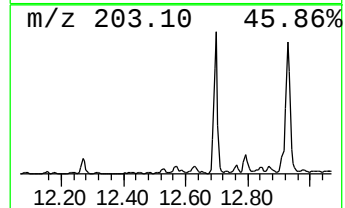
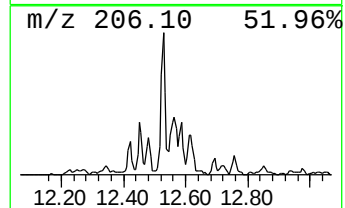
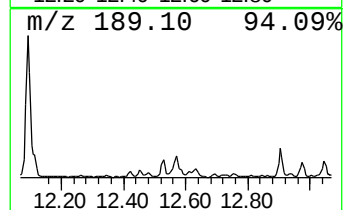
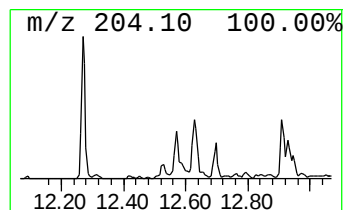
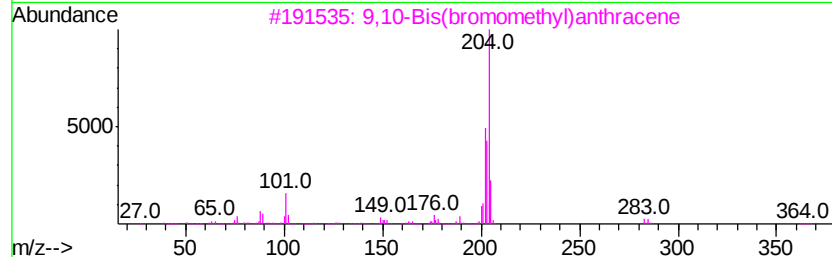
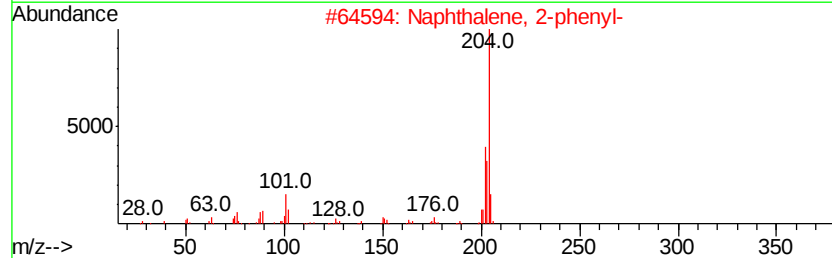
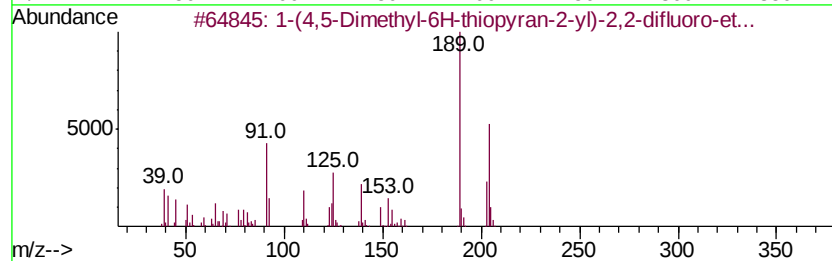
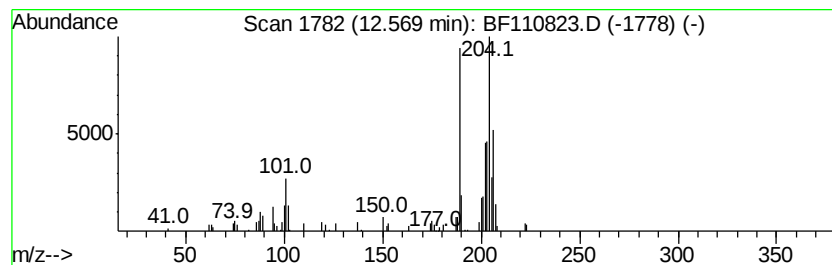
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown12.57 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	3.64 ng	86241	Phenanthrene-d10	11.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(4,5-Dimethyl-6H-thiopvran-2-v...	204	C9H10F2OS	1000318-25-0	49
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
3			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
4			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38
5			Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38



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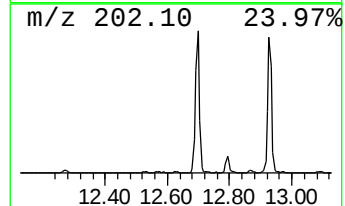
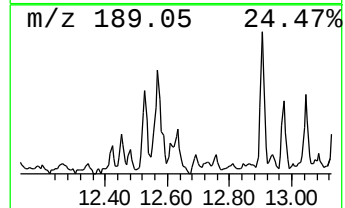
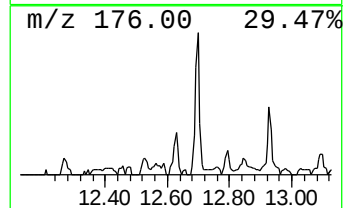
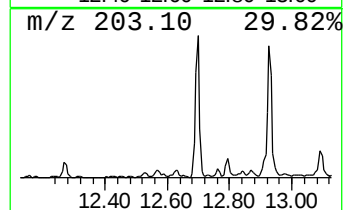
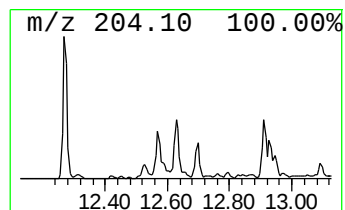
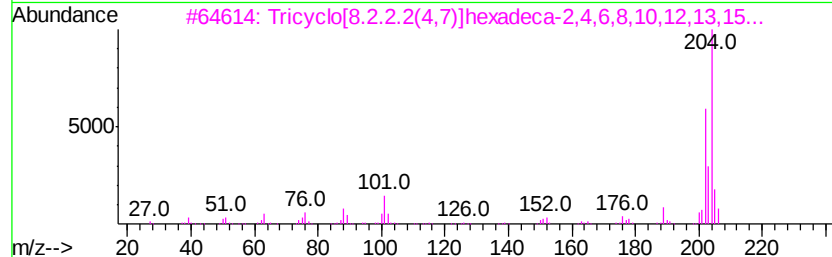
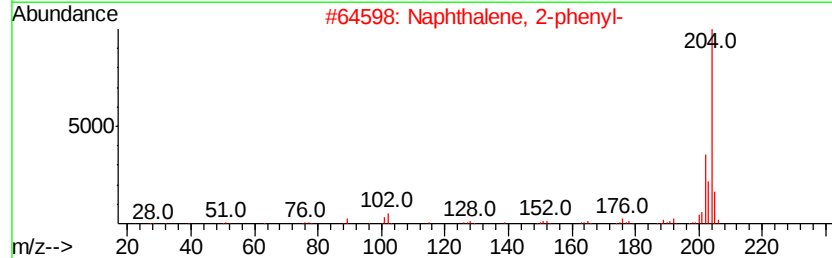
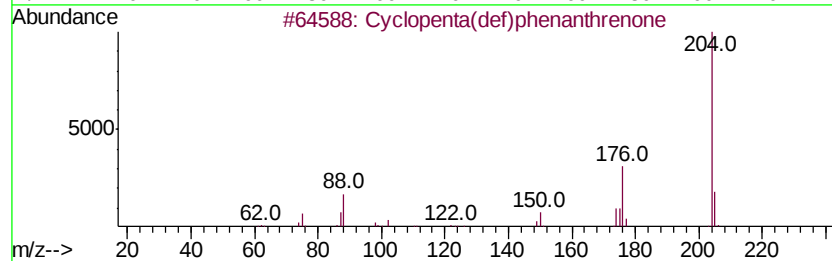
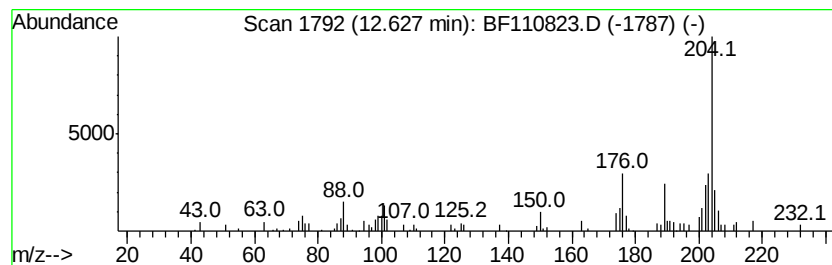
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	4.83 ng	114568	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
4		Pyrimidin-2(1H)-thione, 3,4-dihy...	204	C11H12N2S	030570-19-5	50
5		Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110823.D
Acq On : 16 Nov 2018 18:13
Operator : JU/SJ
Sample : J5952-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

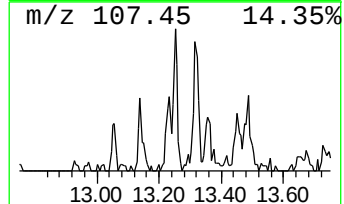
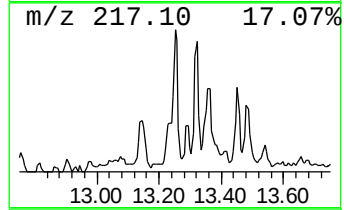
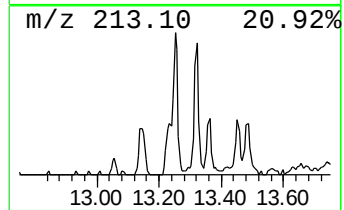
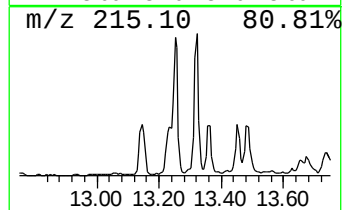
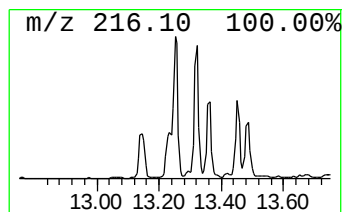
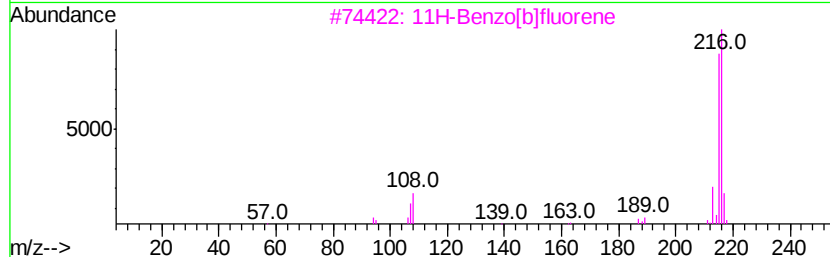
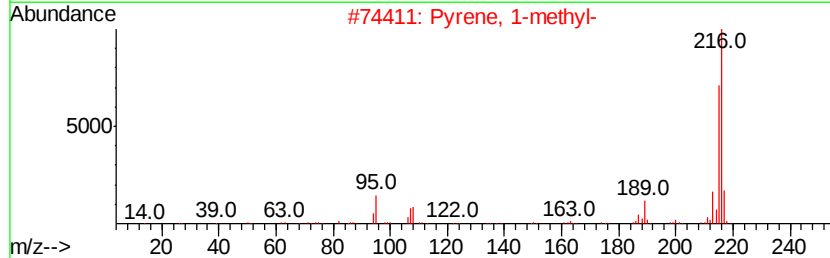
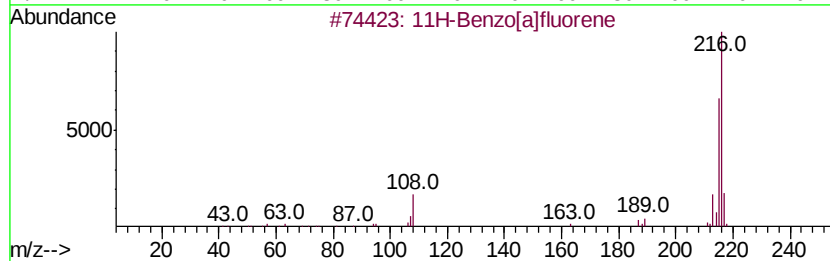
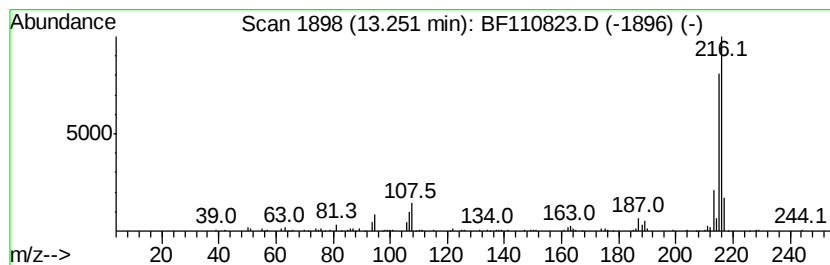
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.47 ng	215668	Chrysene-d12	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 93
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 93
3		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 91
4		Pyrene, 2-methyl-	216 C17H12	003442-78-2 90
5		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110823.D
Acq On : 16 Nov 2018 18:13
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ClientSampleId :
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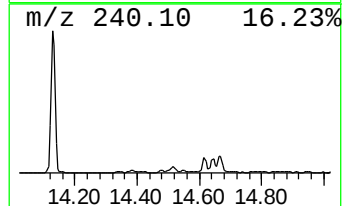
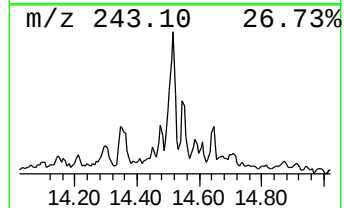
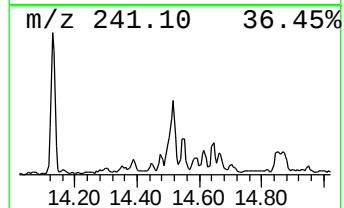
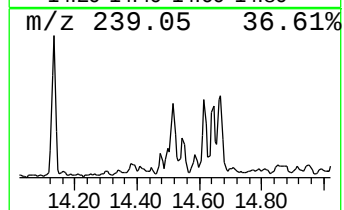
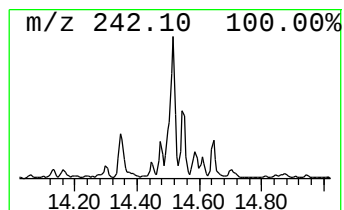
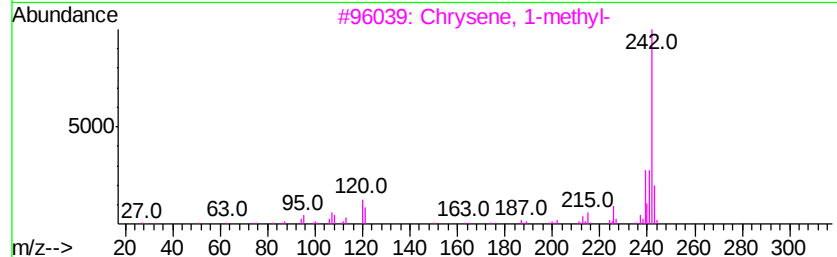
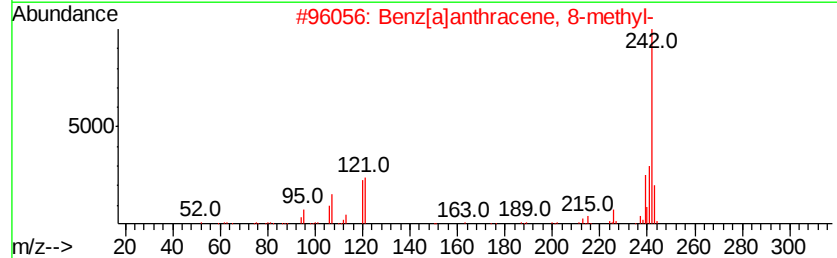
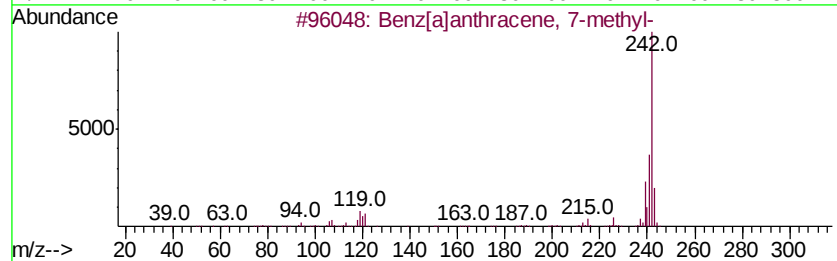
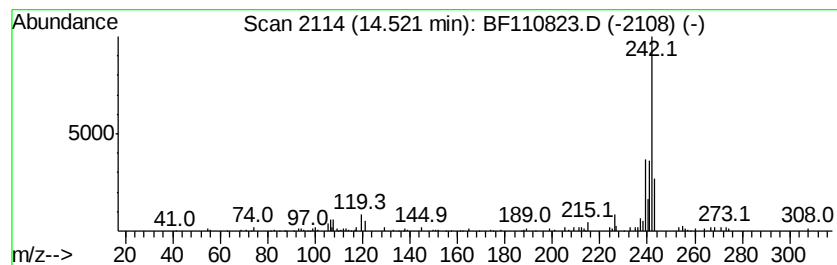
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benz[a]anthracene, 7-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	3.85 ng	239151	Chrysene-d12	14.13

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	92
2			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
3			Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
4			Chrysene, 5-methyl-	242	C19H14	003697-24-3	90
5			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110823.D
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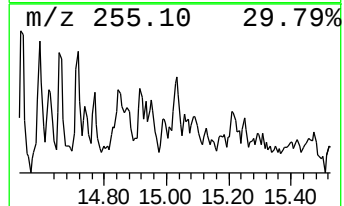
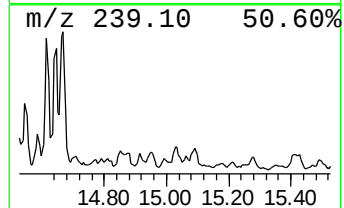
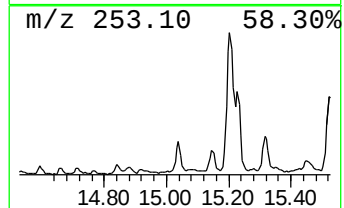
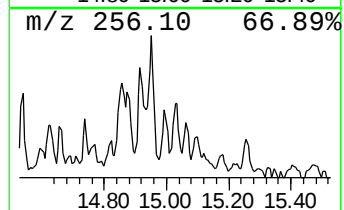
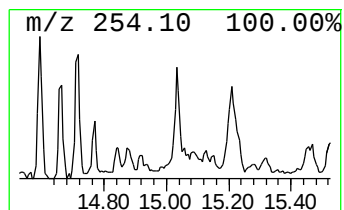
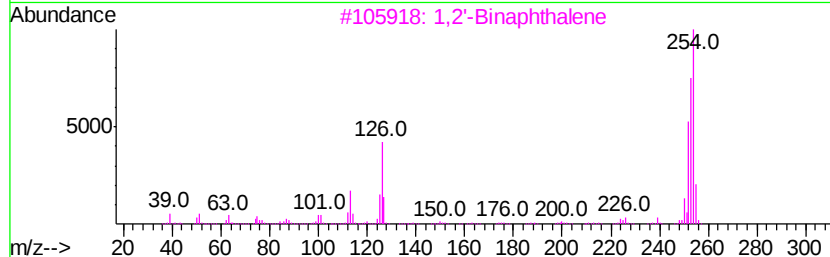
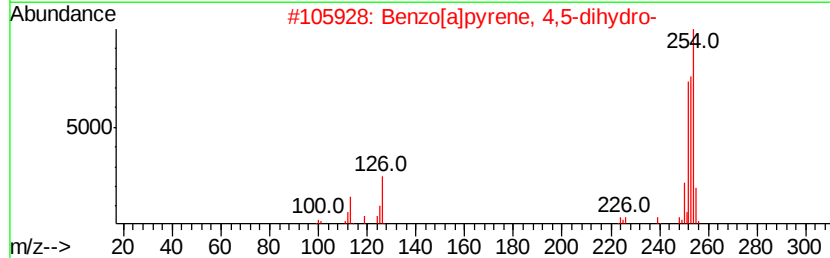
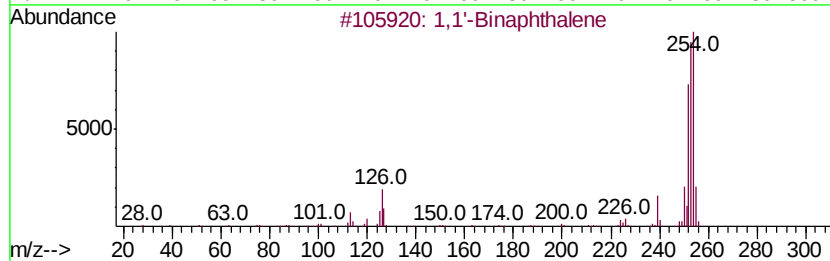
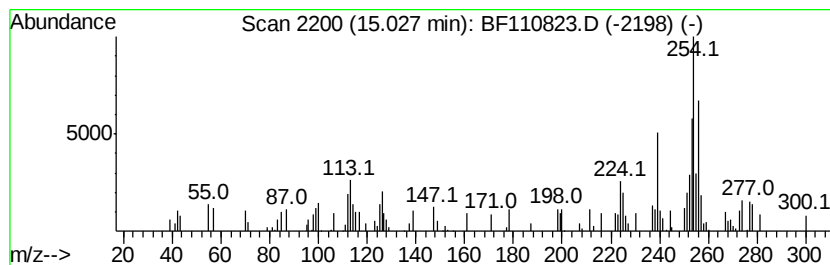
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,1'-Binaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.03	3.23 ng	51897	Perylene-d12	15.66	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	70
2	Benzo[alpyrene, 4,5-dihydro-	254	C20H14	057652-66-1	64
3	1,2'-Binaphthalene	254	C20H14	004325-74-0	62
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	58
5	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110823.D
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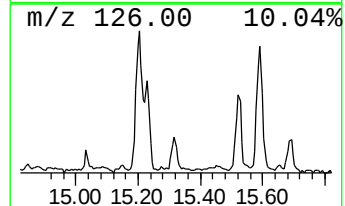
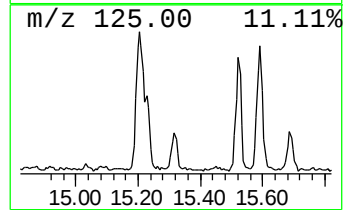
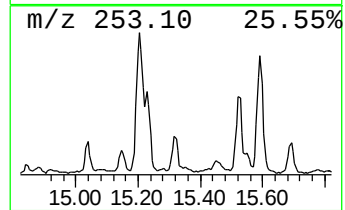
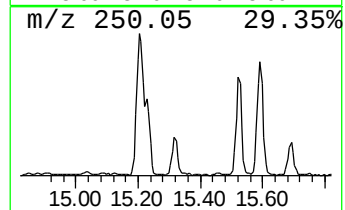
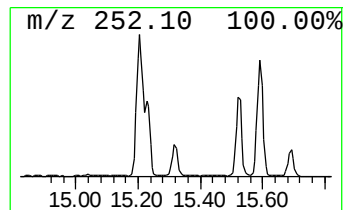
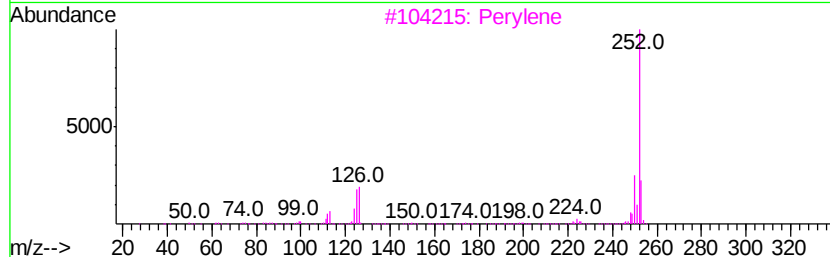
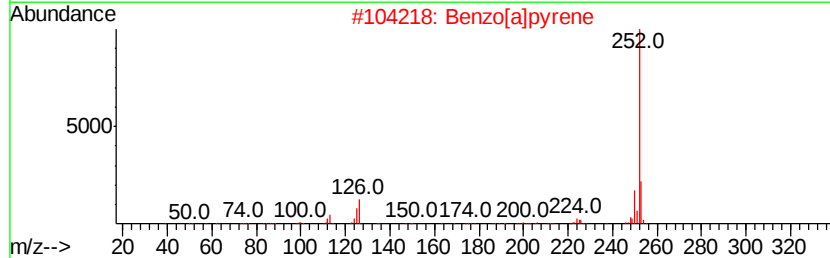
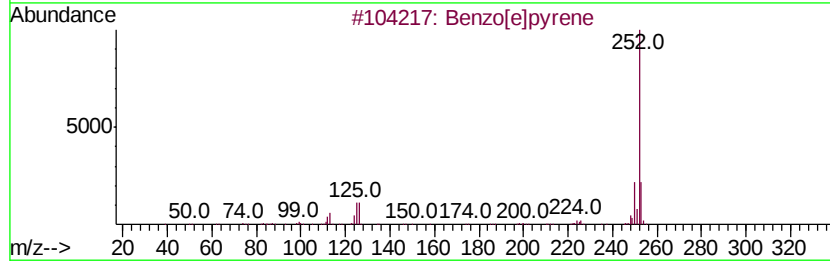
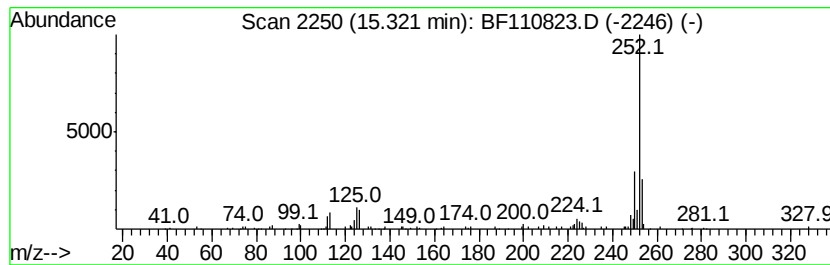
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	6.63 ng	106391	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[a]pyrene	252	C20H12	000050-32-8	96
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110823.D
Acq On : 16 Nov 2018 18:13
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Sample : J5952-06 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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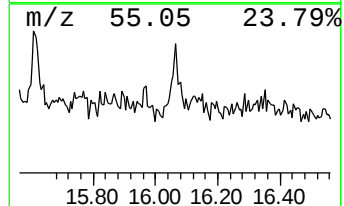
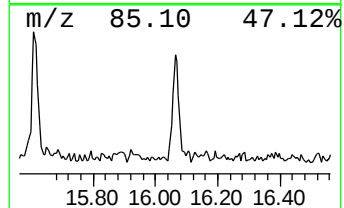
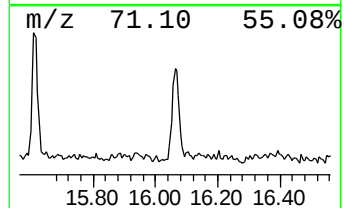
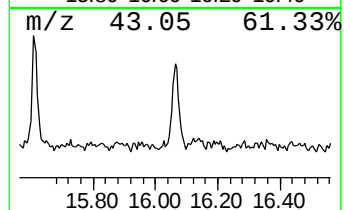
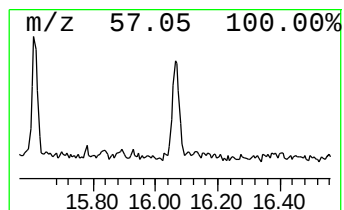
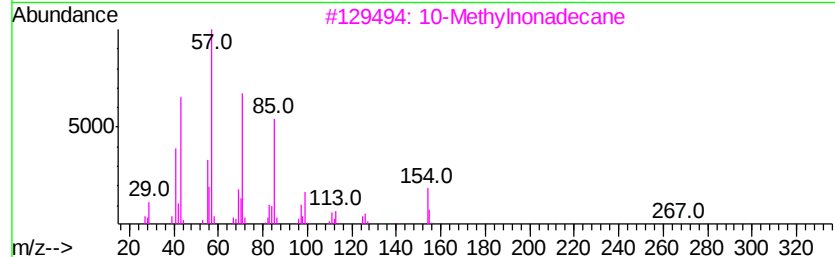
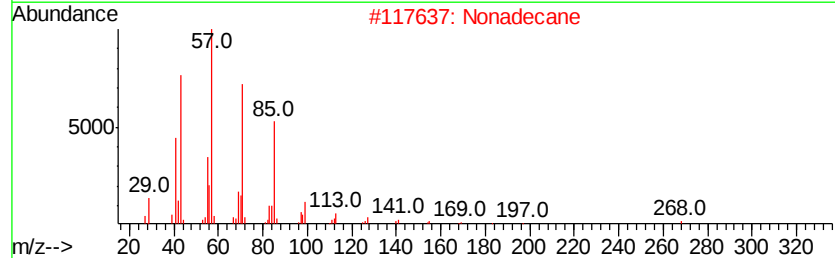
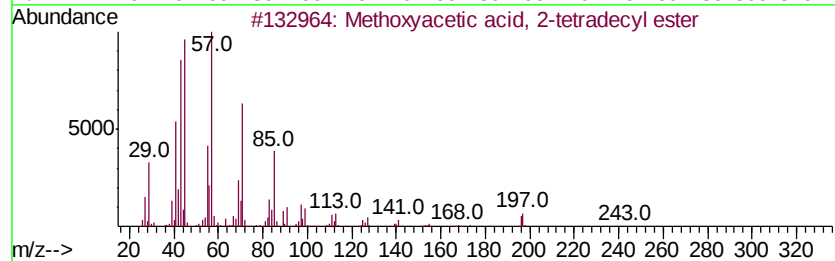
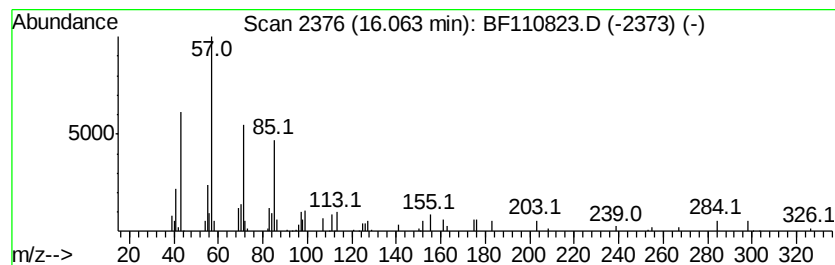
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Methoxyacetic acid, 2-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	3.39 ng	54373	Perylene-d12	15.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methoxvacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	87
2			Nonadecane	268	C19H40	000629-92-5	80
3			10-Methylnonadecane	282	C20H42	056862-62-5	80
4			Hexadecane	226	C16H34	000544-76-3	80
5			Heptadecane	240	C17H36	000629-78-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
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Acq On : 16 Nov 2018 18:13
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ClientSampleId :
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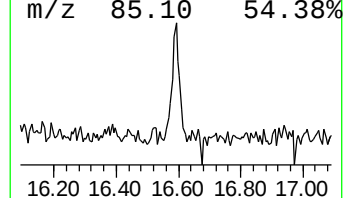
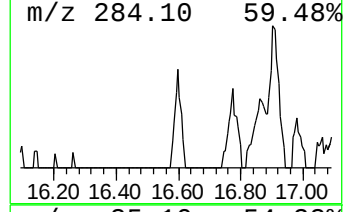
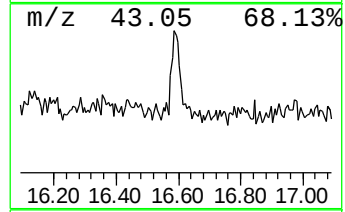
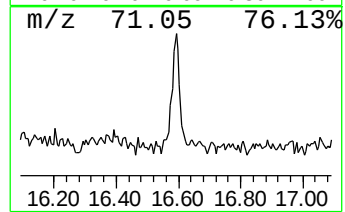
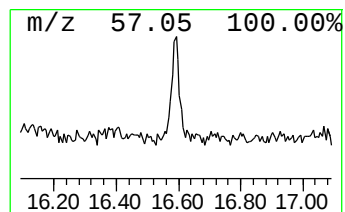
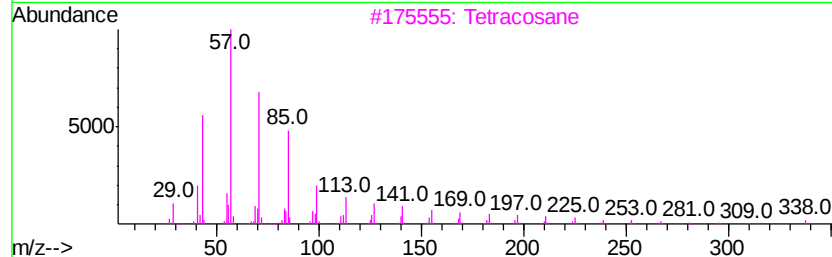
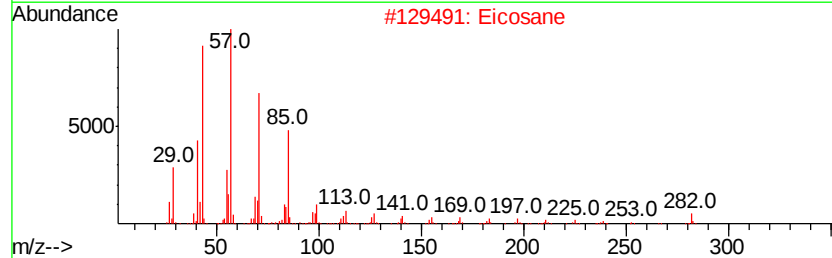
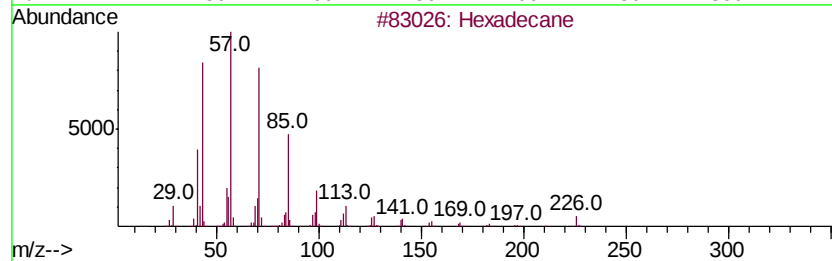
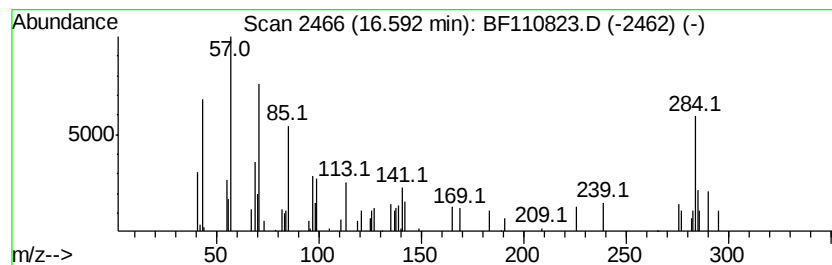
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown15.59 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	3.20 ng	51368	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	46
2		Eicosane	282	C20H42	000112-95-8	38
3		Tetracosane	338	C24H50	000646-31-1	38
4		Heptadecane	240	C17H36	000629-78-7	35
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111618\
 Data File : BF110823.D
 Acq On : 16 Nov 2018 18:13
 Operator : JU/SJ
 Sample : J5952-06 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.70	6.70	19.9	ng	359230	1	6.94	360821	20.0
Naphtho[2,1-b]thi...	11.37	3.4	ng	80301	4	11.47	474329	20.0
Phenanthrene, 2-m...	11.97	6.6	ng	156798	4	11.47	474329	20.0
Anthracene, 2-met...	12.00	6.4	ng	151938	4	11.47	474329	20.0
4H-Cyclopenta[def...	12.09	11.7	ng	277700	4	11.47	474329	20.0
Phenanthrene, 1-m...	12.12	3.7	ng	87865	4	11.47	474329	20.0
Naphthalene, 2-ph...	12.27	4.1	ng	96413	4	11.47	474329	20.0
9,10-Dimethylanthe...	12.53	5.0	ng	118114	4	11.47	474329	20.0
unknown12.57	12.57	3.6	ng	86241	4	11.47	474329	20.0
Cyclopenta(def)ph...	12.63	4.8	ng	114568	4	11.47	474329	20.0
11H-Benzo[a]fluorene	13.25	3.5	ng	215668	5	14.13	1242400	20.0
Benz[a]anthracene...	14.52	3.9	ng	239151	5	14.13	1242400	20.0
1,1'-Binaphthalene	15.03	3.2	ng	51897	6	15.66	321158	20.0
Benzo[e]pyrene	15.32	6.6	ng	106391	6	15.66	321158	20.0
Methoxyacetic aci...	16.06	3.4	ng	54373	6	15.66	321158	20.0
unknown15.59	16.59	3.2	ng	51368	6	15.66	321158	20.0