

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108210.D
 Acq On : 16 Aug 2018 22:13
 Operator : JU/SJ
 Sample : J4499-05 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSB-05(0-1)

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-BF080818.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	5.242	491	494	500	rBV	28465	29559	1.52%	0.133%
2	5.631	556	560	570	rBV	612659	561819	28.92%	2.534%
3	6.625	725	729	733	rBV	743479	602235	31.00%	2.717%
4	6.778	752	755	759	rBV	666758	613296	31.57%	2.767%
5	7.013	792	795	799	rBV	1063778	964997	49.67%	4.353%
6	7.172	818	822	825	rBV	589638	485013	24.97%	2.188%
7	7.572	886	890	899	rBV	474022	388964	20.02%	1.755%
8	8.301	1010	1014	1017	rBV	1443139	1213823	62.48%	5.476%
9	9.372	1192	1196	1205	rBV	745709	696006	35.83%	3.140%
10	9.760	1260	1262	1269	rVB	51750	42401	2.18%	0.191%
11	10.060	1309	1313	1317	rBV2	1422702	1280103	65.89%	5.775%
12	10.095	1317	1319	1323	rVB	125067	103879	5.35%	0.469%
13	10.266	1344	1348	1352	rBV	73920	67892	3.49%	0.306%
14	10.613	1403	1407	1411	rBV	112773	107348	5.53%	0.484%
15	10.766	1431	1433	1437	rVB	26947	20372	1.05%	0.092%
16	10.848	1444	1447	1454	rBV	368335	391025	20.13%	1.764%
17	11.160	1493	1500	1503	rBV2	19756	26916	1.39%	0.121%
18	11.360	1531	1534	1538	rBV	46217	40189	2.07%	0.181%
19	11.395	1538	1540	1545	rVV2	14589	21105	1.09%	0.095%
20	11.454	1547	1550	1555	rVB	64547	52589	2.71%	0.237%
21	11.560	1564	1568	1570	rBV	1358032	1351330	69.56%	6.096%
22	11.583	1570	1572	1575	rVV	1300600	998686	51.41%	4.505%
23	11.630	1575	1580	1583	rVV	231658	226904	11.68%	1.024%
24	11.666	1583	1586	1589	rVB	37852	34437	1.77%	0.155%
25	11.783	1601	1606	1611	rBV2	168873	178384	9.18%	0.805%
26	12.060	1647	1653	1655	rBV	96043	88243	4.54%	0.398%
27	12.083	1655	1657	1663	rVV	130793	127638	6.57%	0.576%
28	12.136	1663	1666	1668	rVV	33831	31956	1.64%	0.144%
29	12.177	1668	1673	1675	rVV2	163352	192558	9.91%	0.869%
30	12.354	1699	1703	1705	rBV	90957	76094	3.92%	0.343%
31	12.377	1705	1707	1711	rVB	142429	128963	6.64%	0.582%
32	12.613	1743	1747	1750	rBV2	35883	52422	2.70%	0.236%
33	12.648	1750	1753	1755	rVV2	24427	28211	1.45%	0.127%
34	12.701	1759	1762	1767	rVB	46477	49502	2.55%	0.223%

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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-BF080818.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.777	1771	1775	1779	rBV	1556619	1338108	68.88%	6.036%
36	12.836	1783	1785	1788	rVB	38952	34390	1.77%	0.155%
37	12.871	1788	1791	1793	rBV	24000	21170	1.09%	0.096%
38	12.901	1793	1796	1797	rBV3	28279	28346	1.46%	0.128%
39	12.930	1799	1801	1808	rVB	43115	45077	2.32%	0.203%
40	12.989	1808	1811	1812	rBV	260107	250064	12.87%	1.128%
41	13.012	1812	1815	1820	rVB	1053768	1019005	52.45%	4.597%
42	13.054	1820	1822	1827	rVB3	56560	52508	2.70%	0.237%
43	13.142	1831	1837	1839	rBV	750351	738876	38.03%	3.333%
44	13.165	1839	1841	1844	rVB	79988	72143	3.71%	0.325%
45	13.218	1846	1850	1854	rBV2	60252	109223	5.62%	0.493%
46	13.260	1854	1857	1861	rBV	26229	25940	1.34%	0.117%
47	13.307	1861	1865	1867	rBV3	48777	67566	3.48%	0.305%
48	13.336	1867	1870	1873	rVB	161883	141494	7.28%	0.638%
49	13.401	1878	1881	1883	rVV	125145	94465	4.86%	0.426%
50	13.442	1883	1888	1889	rVV2	72947	90901	4.68%	0.410%
51	13.460	1889	1891	1895	rVB2	111775	122325	6.30%	0.552%
52	13.495	1895	1897	1900	rVB2	23360	20265	1.04%	0.091%
53	13.536	1901	1904	1906	rBV	35934	29049	1.50%	0.131%
54	13.571	1906	1910	1913	rBV2	99895	107633	5.54%	0.486%
55	13.612	1913	1917	1920	rVB6	34219	43296	2.23%	0.195%
56	13.818	1949	1952	1954	rBV2	45068	55297	2.85%	0.249%
57	13.842	1954	1956	1960	rVB	84600	85740	4.41%	0.387%
58	13.960	1971	1976	1978	rBV2	95194	127866	6.58%	0.577%
59	13.989	1978	1981	1983	rVV	100254	105820	5.45%	0.477%
60	14.018	1983	1986	1989	rVV2	105107	181772	9.36%	0.820%
61	14.054	1989	1992	2000	rVB2	110034	150141	7.73%	0.677%
62	14.124	2000	2004	2008	rBV2	33745	57429	2.96%	0.259%
63	14.177	2008	2013	2014	rVV2	46821	81083	4.17%	0.366%
64	14.212	2014	2019	2021	rVV2	1676653	1942750	100.00%	8.764%
65	14.236	2021	2023	2028	rVB	626843	541751	27.89%	2.444%
66	14.318	2034	2037	2039	rBV	95434	75224	3.87%	0.339%
67	14.430	2053	2056	2060	rBV2	58599	79819	4.11%	0.360%
68	14.595	2082	2084	2087	rVB2	73585	68035	3.50%	0.307%
69	14.630	2087	2090	2095	rVB5	78574	90687	4.67%	0.409%
70	14.754	2109	2111	2114	rVB2	46100	41073	2.11%	0.185%
71	15.136	2173	2176	2182	rVB3	93444	129768	6.68%	0.585%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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72	15.301	2200	2204	2208	rBV	345628	585691	30.15%	2.642%
73	15.418	2222	2224	2232	rVB	80081	103885	5.35%	0.469%
74	15.636	2257	2261	2267	rVB	179346	255446	13.15%	1.152%
75	15.701	2268	2272	2279	rBV	260021	338258	17.41%	1.526%
76	15.777	2279	2285	2288	rBV	689550	978417	50.36%	4.414%
77	16.242	2360	2364	2370	rVB2	99675	149362	7.69%	0.674%
78	17.383	2553	2558	2564	rBV2	94782	215376	11.09%	0.972%

Sum of corrected areas: 22167393

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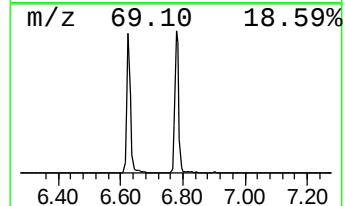
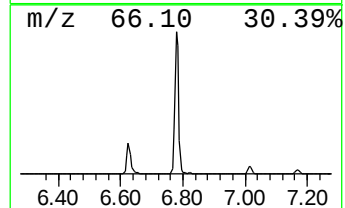
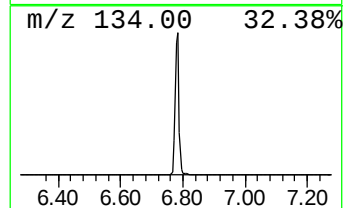
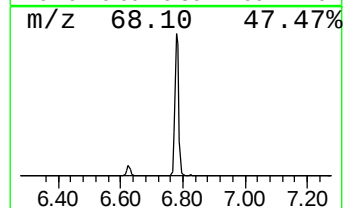
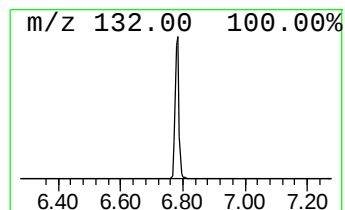
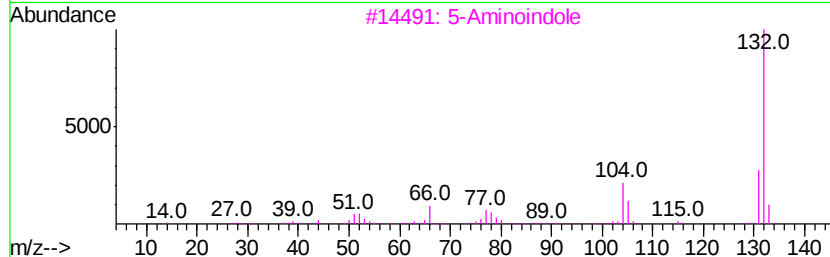
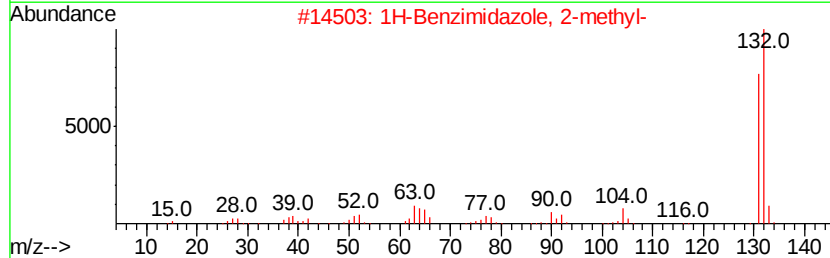
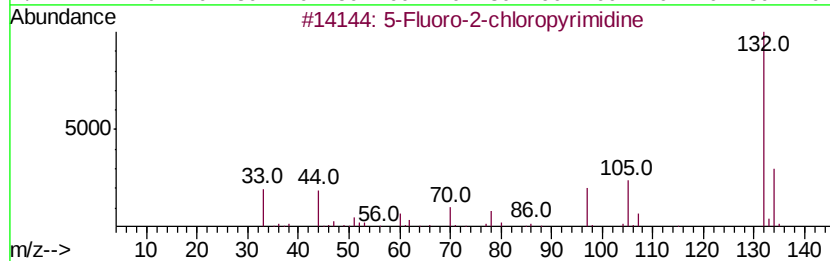
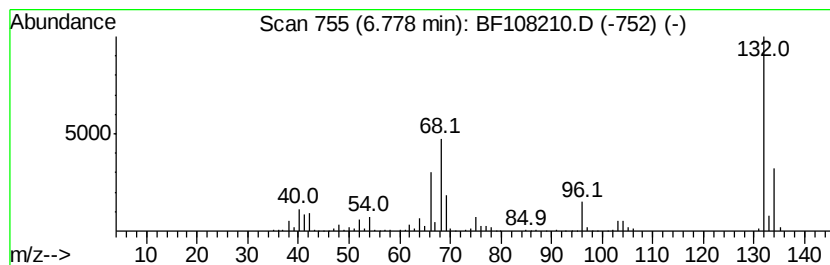
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	12.71 ng	613296	1,4-Dichlorobenzene-d4	7.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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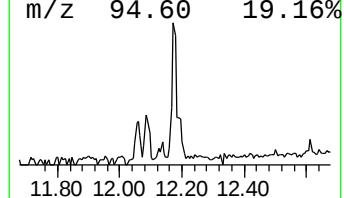
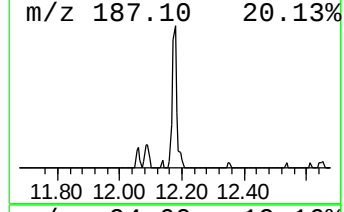
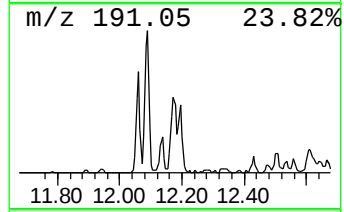
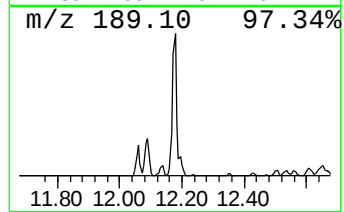
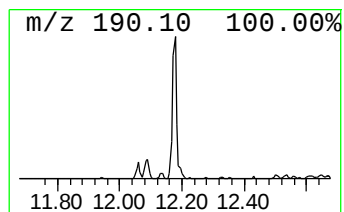
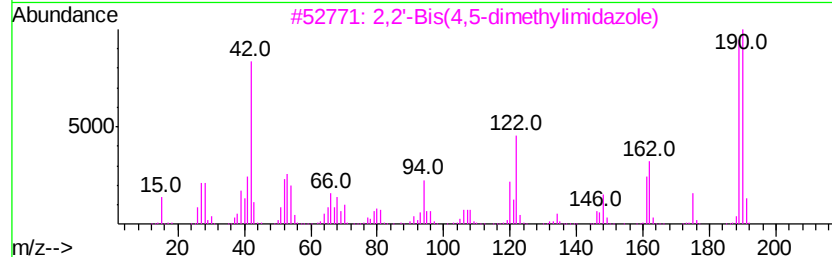
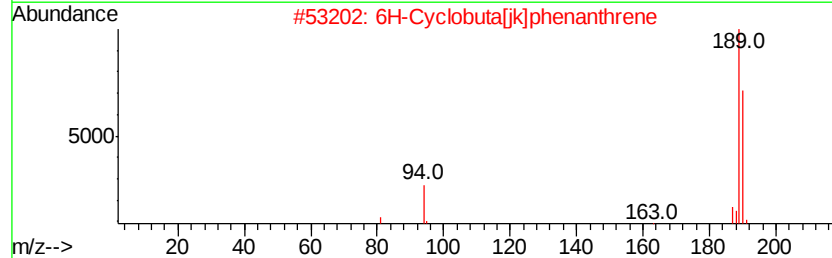
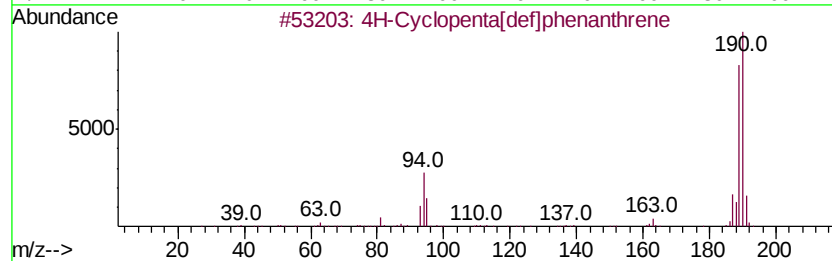
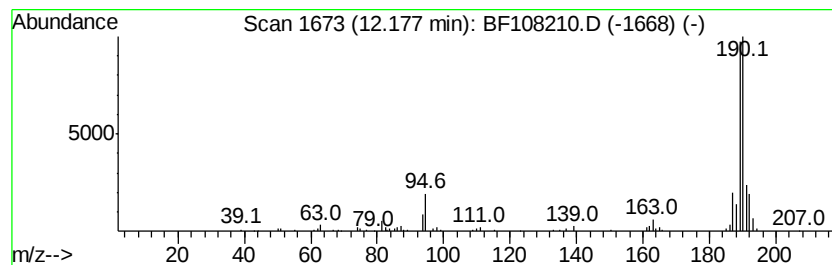
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	2.85 ng	192558	Phenanthrene-d10	11.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5		Carbonic acid, 2-formyl-4,6-dich...	276	C11H10Cl2O4	1000331-39-3	17



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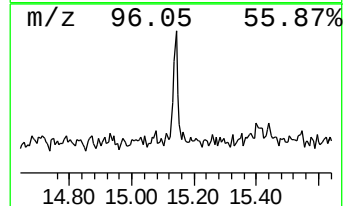
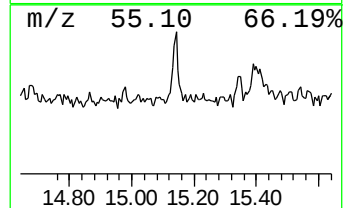
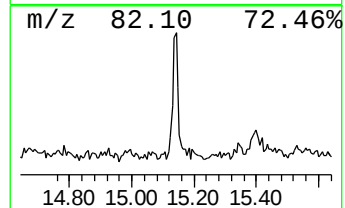
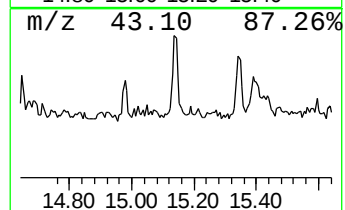
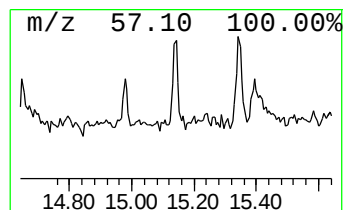
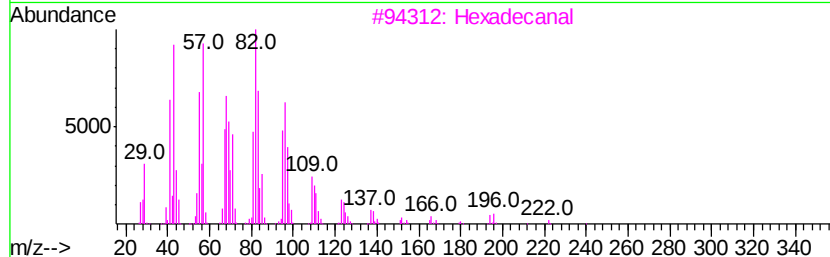
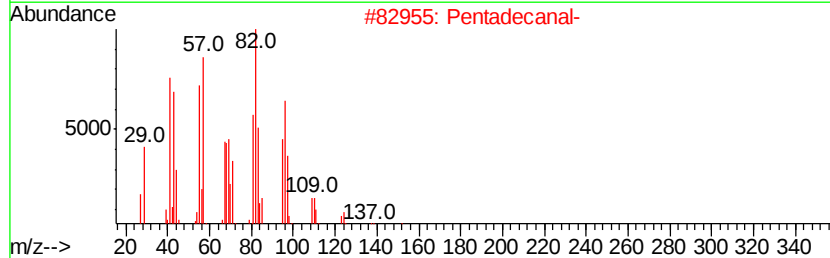
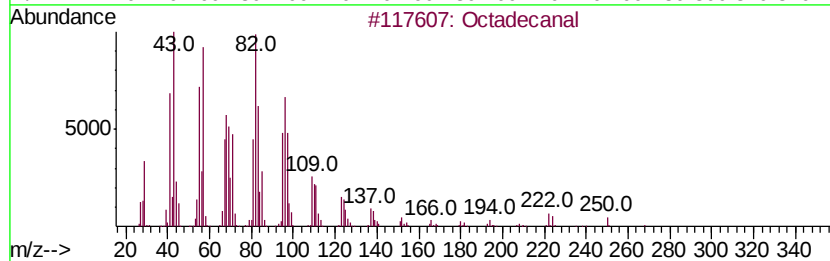
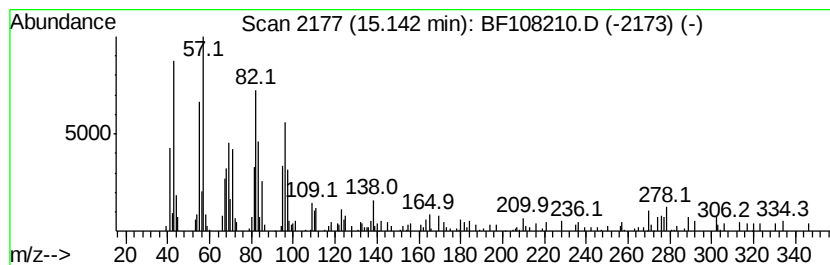
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	2.65 ng	129768	Perylene-d12	15.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	81
2		Pentadecanal-	226	C15H30O	002765-11-9	74
3		Hexadecanal	240	C16H32O	000629-80-1	74
4		Tetradecanal	212	C14H28O	000124-25-4	74
5		Heptadecanal	254	C17H34O	1000376-70-0	74



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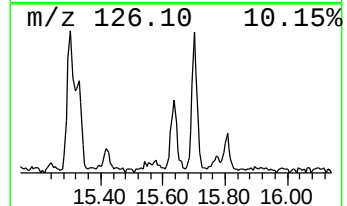
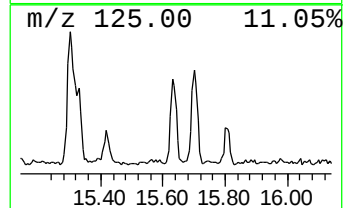
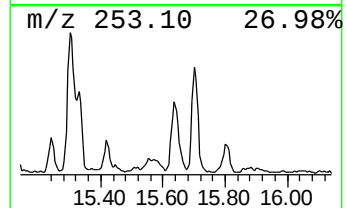
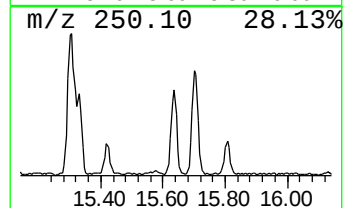
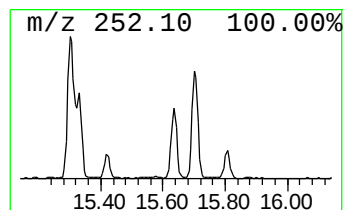
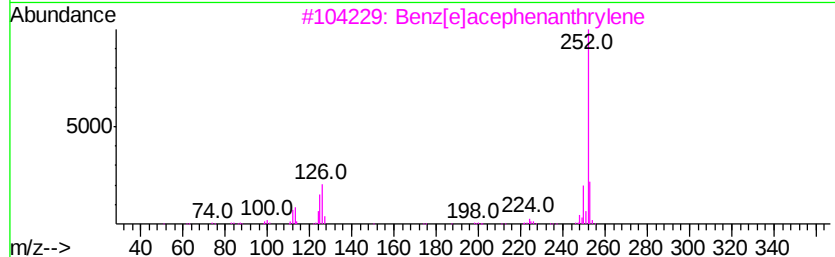
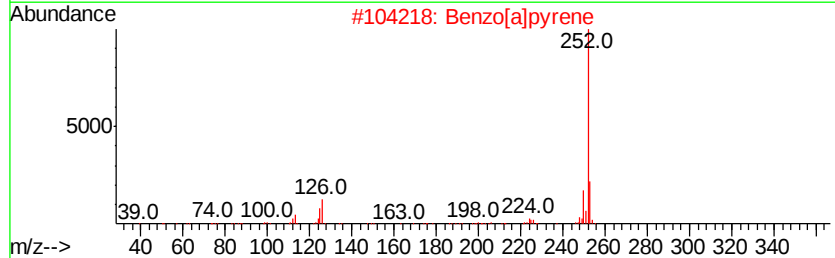
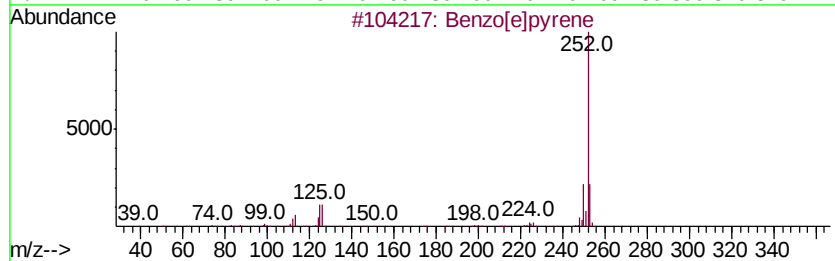
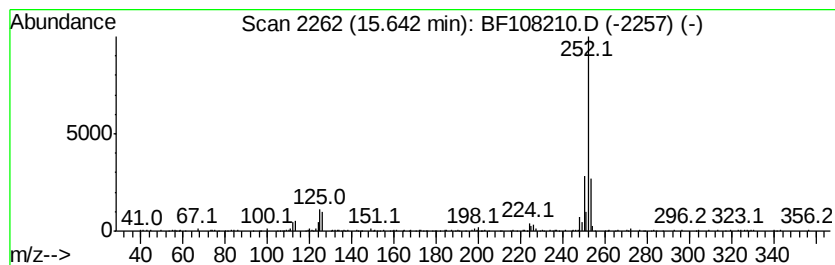
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ClientSampleId :
LSB-05(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	5.22 ng	255446	Perylene-d12	15.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 98
2		Benzo[a]pyrene	252 C20H12	000050-32-8 97
3		Benz[e]acephenanthrylene	252 C20H12	000205-99-2 95
4		Perylene	252 C20H12	000198-55-0 91
5		Benzo[k]fluoranthene	252 C20H12	000207-08-9 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108210.D
Acq On : 16 Aug 2018 22:13
Operator : JU/SJ
Sample : J4499-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

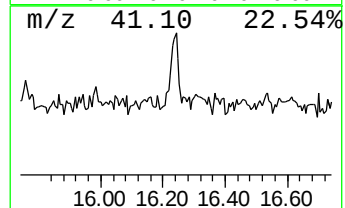
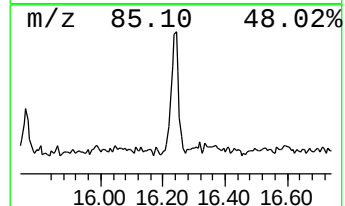
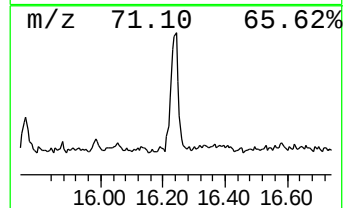
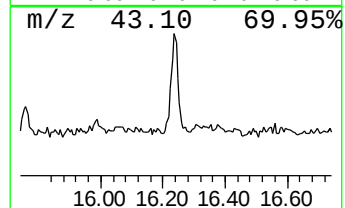
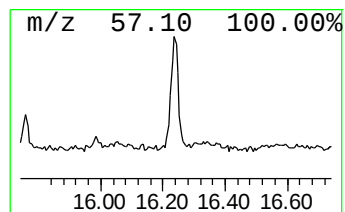
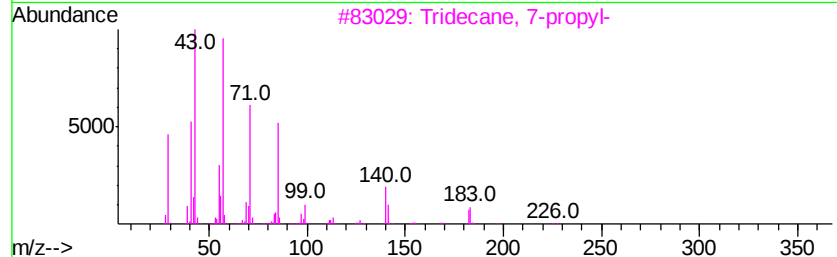
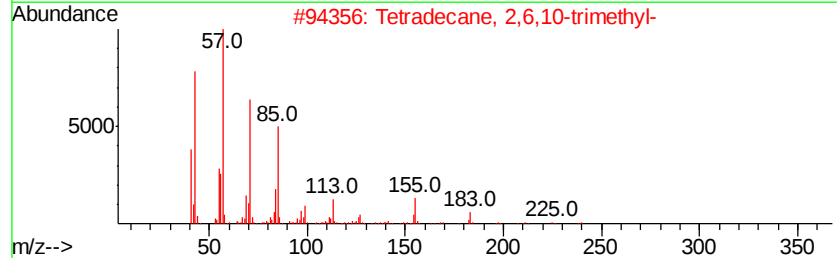
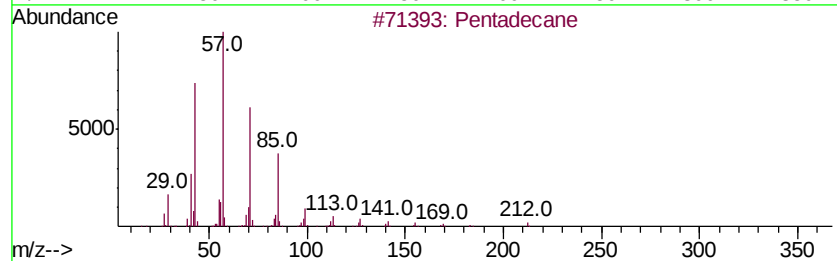
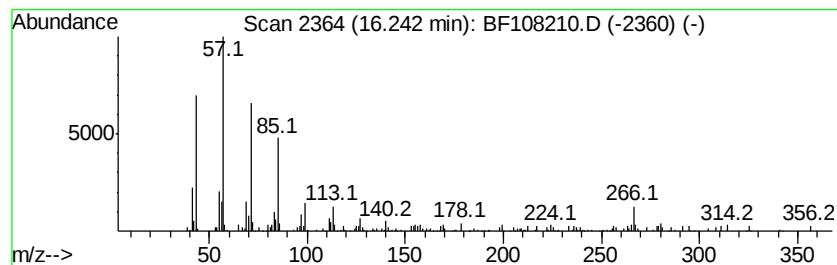
Instrument :
BNA_F
ClientSampleId :
LSB-05(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	3.05 ng	149362	Perylene-d12	15.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	81
2	Tetradecane, 2,6,10-trimethyl-	240 C17H36	014905-56-7	80
3	Tridecane, 7-propyl-	226 C16H34	055045-09-5	76
4	Heptadecane	240 C17H36	000629-78-7	74
5	2-Bromo dodecane	248 C12H25Br	013187-99-0	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108210.D
Acq On : 16 Aug 2018 22:13
Operator : JU/SJ
Sample : J4499-05 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSB-05(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
unknown6.78	6.78	12.7	ng	613296	1	7.02	964997	20.0
4H-Cyclopenta[def...	12.18	2.9	ng	192558	4	11.56	1351330	20.0
Octadecanal	15.14	2.6	ng	129768	6	15.78	978417	20.0
Benzo[e]pyrene	15.64	5.2	ng	255446	6	15.78	978417	20.0
Pentadecane	16.24	3.0	ng	149362	6	15.78	978417	20.0