LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022819\
Data File : BF112785.D
Acq On : 1 Mar 2019 2:16
Operator : JU/SJ
Sample : K1650-06 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-3(2.5-3.5)

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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	5.345	550	554	564	rBV	846822	829928	44.86%	4.429%
2	6.363	723	727	735	rBV	1027226	904080	48.87%	4.825%
3	6.504	748	751	755	rBV	1057886	922655	49.87%	4.924%
4	6.745	788	792	795	rBV	1149301	1042307	56.34%	5.562%
5	6.898	814	818	822	rBV	873222	709058	38.33%	3.784%
6	7.298	882	886	895	rBV	549785	527757	28.53%	2.816%
7	8.022	1006	1009	1016	rBV	1394387	1246490	67.38%	6.652%
8	9.098	1188	1192	1200	rBV	922284	834046	45.08%	4.451%
9	9.486	1256	1258	1261	rBV	38582	32302	1.75%	0.172%
10	9.633	1278	1283	1285	rBV	21794	26243	1.42%	0.140%
11	9.669	1285	1289	1296	rVB3	25450	46064	2.49%	0.246%
12	9.774	1303	1307	1310	rBV	1210013	1170308	63.26%	6.245%
13	9.804	1310	1312	1322	rVB	38739	39144	2.12%	0.209%
14	10.316	1396	1399	1405	rVB2	29368	27798	1.50%	0.148%
15	10.551	1435	1439	1444	rBV	543358	488428	26.40%	2.606%
16	11.051	1522	1524	1530	rVB2	18614	19506	1.05%	0.104%
17	11.245	1554	1557	1560	rBV	1186978	1152817	62.31%	6.152%
18	11.269	1560	1561	1565	rVV	377183	285123	15.41%	1.522%
19	11.321	1565	1570	1573	rVB	73261	69817	3.77%	0.373%
20	11.474	1591	1596	1599	rBV2	25453	28218	1.53%	0.151%
21	11.751	1640	1643	1645	rBV	72175	61017	3.30%	0.326%
22	11.780	1645	1648	1652	rVV2	205317	210598	11.38%	1.124%
23	11.821	1652	1655	1658	rVV2	38102	41420	2.24%	0.221%
24	11.857	1658	1661	1664	rVV	99595	118567	6.41%	0.633%
25	11.880	1664	1665	1670	rVB	60699	43747	2.36%	0.233%
26	12.045	1690	1693	1694	rBV	50654	42037	2.27%	0.224%
27	12.063	1694	1696	1703	rVB2	47260	50558	2.73%	0.270%
28	12.121	1703	1706	1712	rBV4	11121	18565	1.00%	0.099%
29	12.192	1712	1718	1721	rBV	28700	31561	1.71%	0.168%
30	12.245	1725	1727	1730	rVB2	26931	20299	1.10%	0.108%
31	12.298	1733	1736	1739	rBV	61115	64964	3.51%	0.347%
32	12.333	1739	1742	1744	rVV	31773	36030	1.95%	0.192%
33	12.380	1747	1750	1755	rVB3	36303	50272	2.72%	0.268%
34	12.451	1759	1762	1767	rVV	519746	473029	25.57%	2.524%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : B-3(2.5-3.5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.568	1779	1782	1786	rBV2	52294	67610	3.65%	0.361%
36	12.680	1796	1801	1804	rBV	564508	566837	30.64%	3.025%
37	12.710	1804	1806	1808	rVB	45983	38378	2.07%	0.205%
38	12.804	1819	1822	1823	rBV	26689	24954	1.35%	0.133%
39	12.827	1823	1826	1833	rVB	989183	812480	43.92%	4.336%
40	12.898	1833	1838	1841	rBV2	50773	71952	3.89%	0.384%
41	12.986	1847	1853	1855	rBV5	44262	67213	3.63%	0.359%
42	13.010	1855	1857	1860	rVB	65425	59355	3.21%	0.317%
43	13.045	1860	1863	1866	rBV4	17263	19813	1.07%	0.106%
44	13.074	1866	1868	1871	rBV2	49746	41648	2.25%	0.222%
45	13.110	1871	1874	1877	rBV	76483	74280	4.01%	0.396%
46	13.204	1887	1890	1893	rBV	43657	37665	2.04%	0.201%
47	13.233	1893	1895	1899	rVB	45168	37517	2.03%	0.200%
48	13.415	1918	1926	1928	rBV8	32240	60634	3.28%	0.324%
49	13.510	1939	1942	1948	rVB	61019	65203	3.52%	0.348%
50	13.621	1957	1961	1964	rBV2	53688	76752	4.15%	0.410%
51	13.651	1964	1966	1968	rVV	59598	44485	2.40%	0.237%
52	13.692	1968	1973	1975	rVV2	58735	80387	4.35%	0.429%
53	13.733	1975	1980	1985	rVB2	138164	188283	10.18%	1.005%
54	13.874	1996	2004	2007	rBV2	1625284	1850071	100.00%	9.873%
55	13.898	2007	2008	2011	rVB	271493	149053	8.06%	0.795%
56	14.057	2032	2035	2038	rBV2	58482	57215	3.09%	0.305%
57	14.221	2061	2063	2065	rBV3	30370	31018	1.68%	0.166%
58	14.257	2067	2069	2072	rVV	75911	71716	3.88%	0.383%
59	14.292	2073	2075	2078	rVB	43280	40220	2.17%	0.215%
60	14.362	2085	2087	2089	rBV	48027	33960	1.84%	0.181%
61	14.480	2105	2107	2111	rBV	31742	36048	1.95%	0.192%
62	14.657	2135	2137	2142	rVB2	97501	109874	5.94%	0.586%
63	14.880	2171	2175	2178	rBV	216720	313137	16.93%	1.671%
64	14.980	2189	2192	2201	rVB2	139549	166579	9.00%	0.889%
65	15.162	2220	2223	2228	rBV	113783	129337	6.99%	0.690%
66	15.221	2229	2233	2237	rVV	176235	200097	10.82%	1.068%
67	15.286	2239	2244	2250	rVV	1007508	1249008	67.51%	6.665%
68	15.333	2250	2252	2256	rVB	98780	111465	6.02%	0.595%
69	15.745	2319	2322	2326	rVB	75719	89855	4.86%	0.480%

Sum of corrected areas: 18738852

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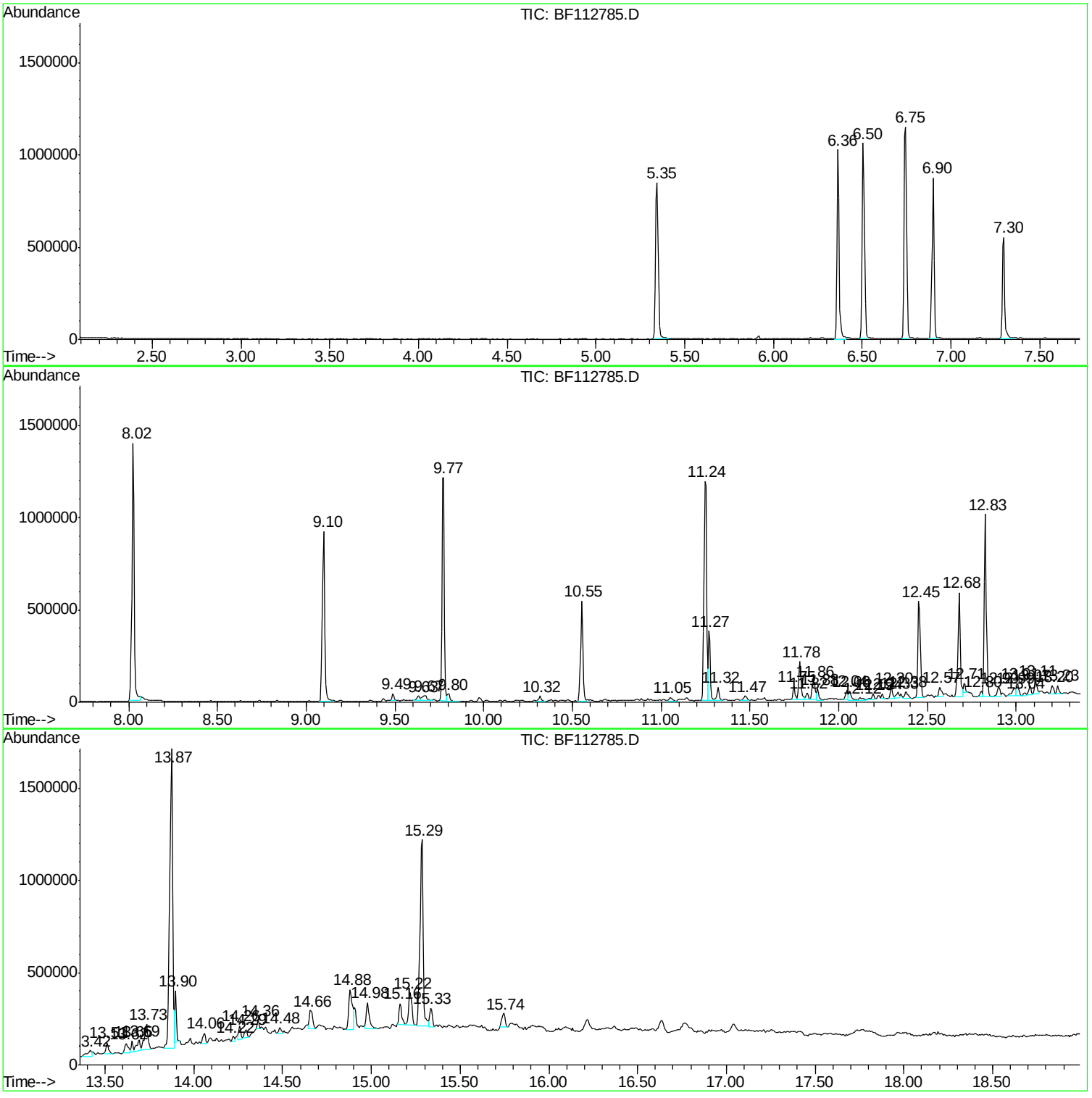
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3(2.5-3.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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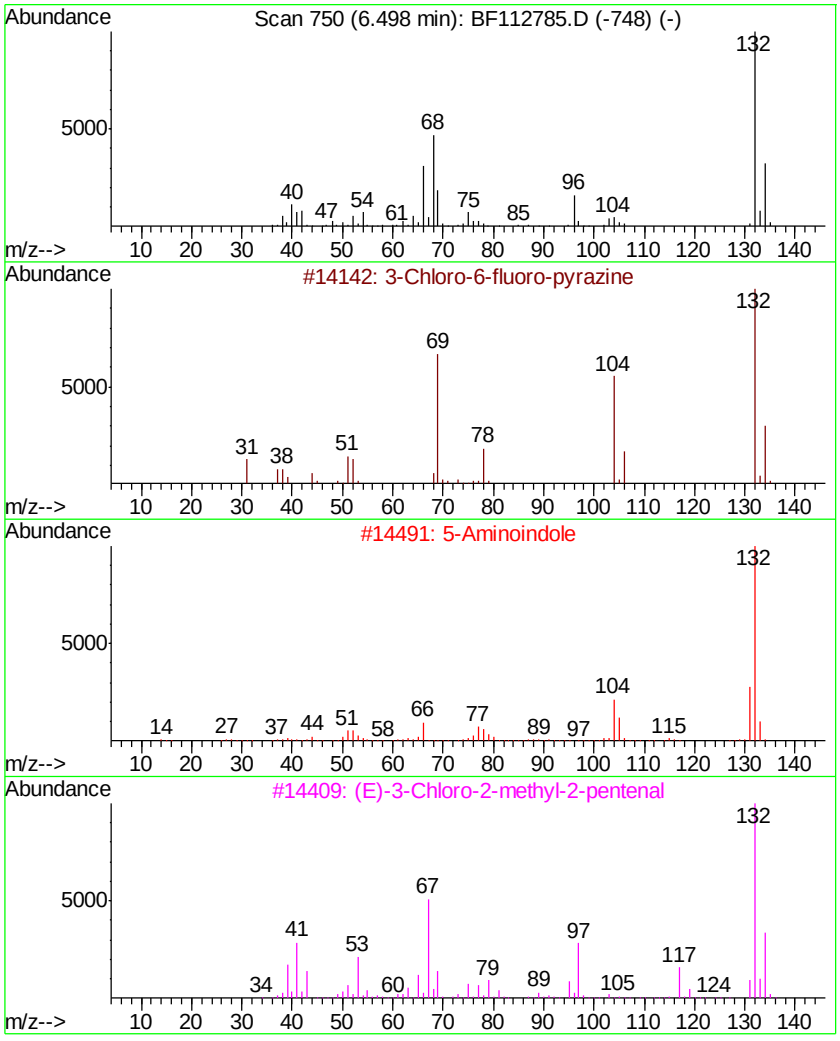
TIC Integration Parameters: LSCINT.P

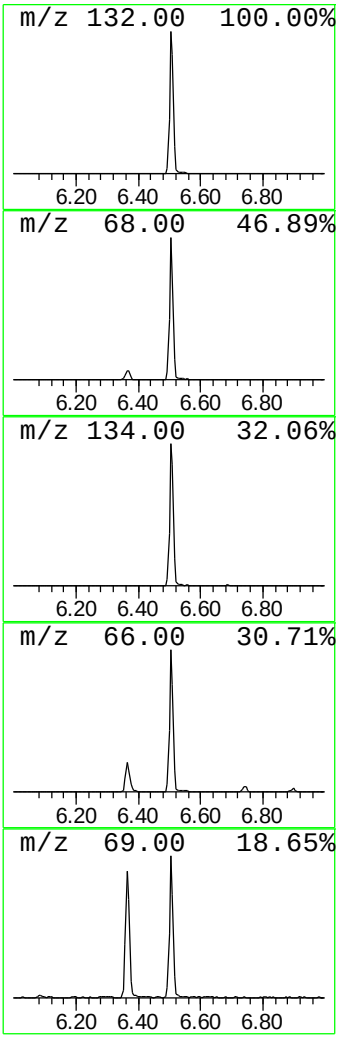
****

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	17.70 ng	922655	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Amphetaminil	250	C17H18N2	017590-01-1	10





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Sample : K1650-06 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-3(2.5-3.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
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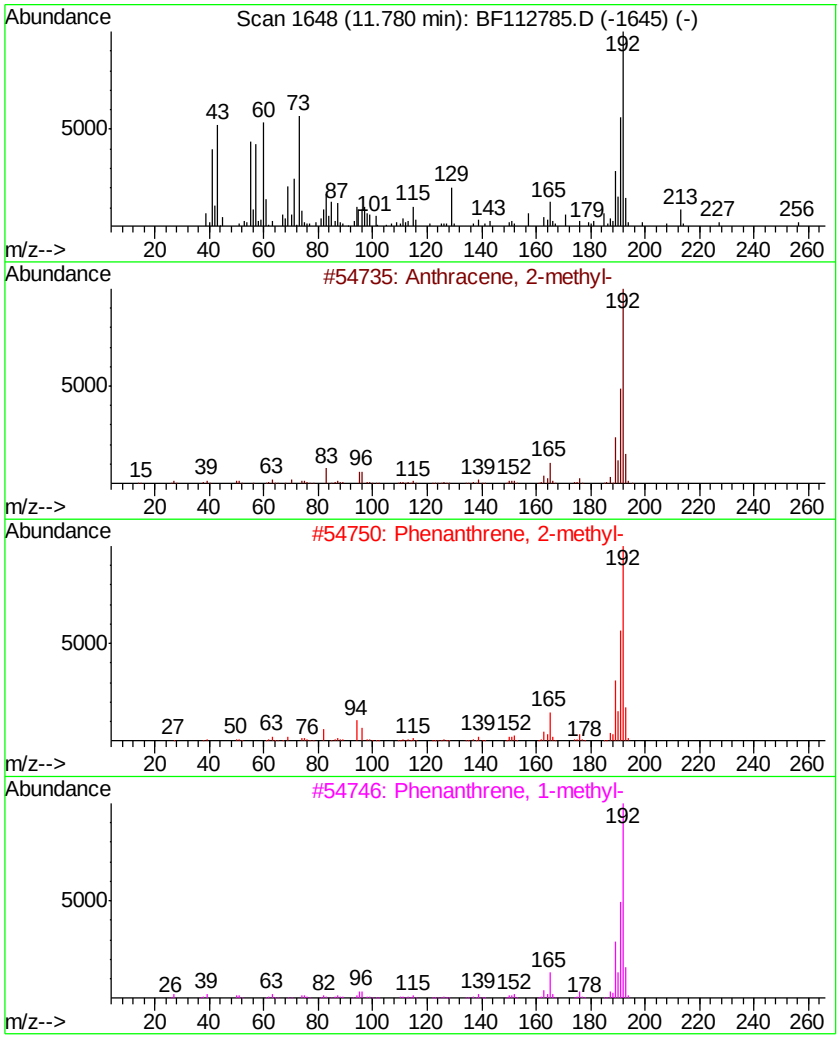
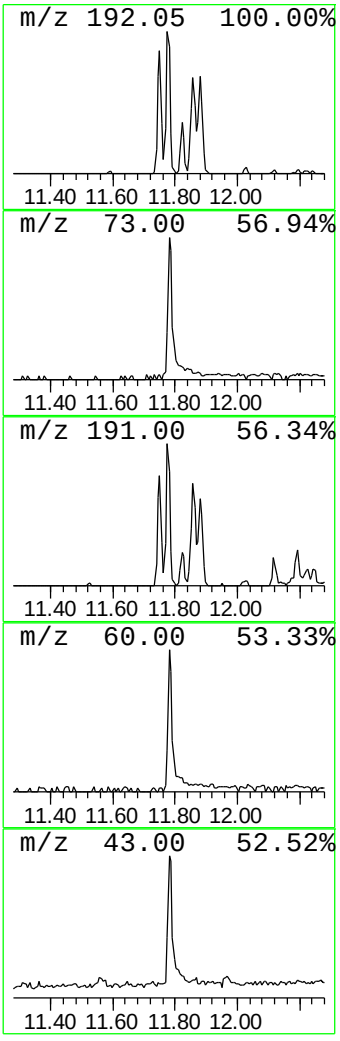
Peak Number 3 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	3.65 ng	210598	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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Instrument : BNA_F
ClientSampleId : B-3(2.5-3.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

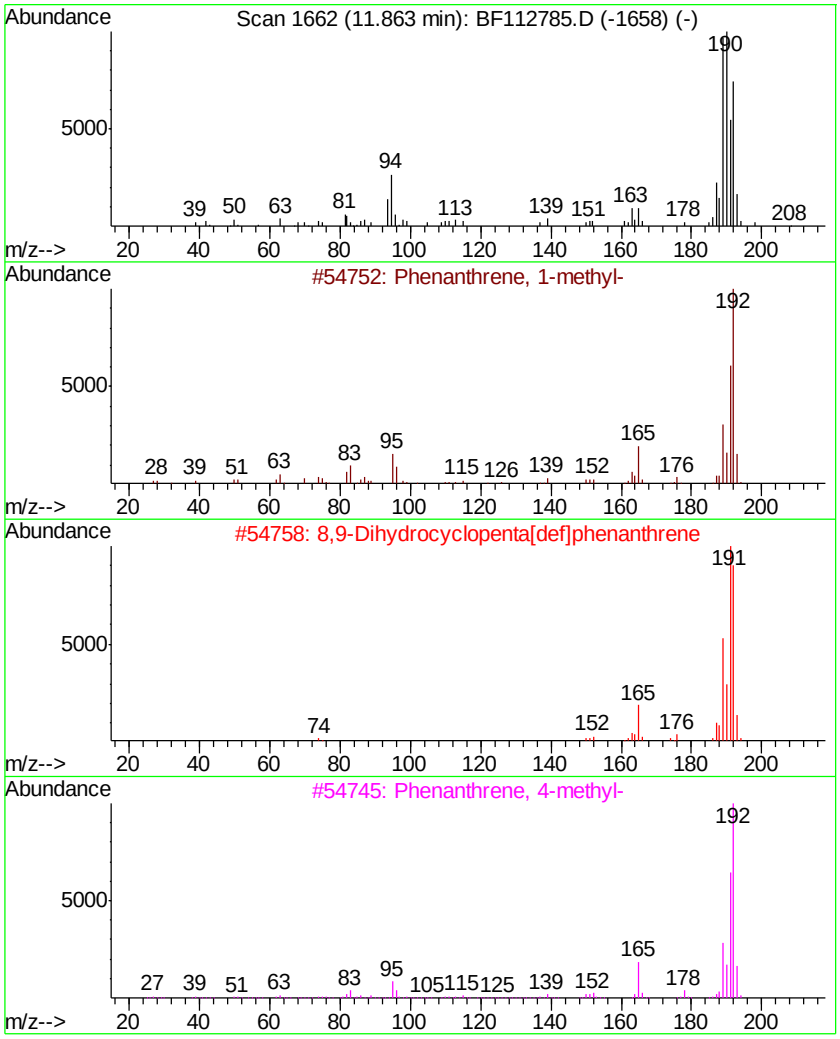
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

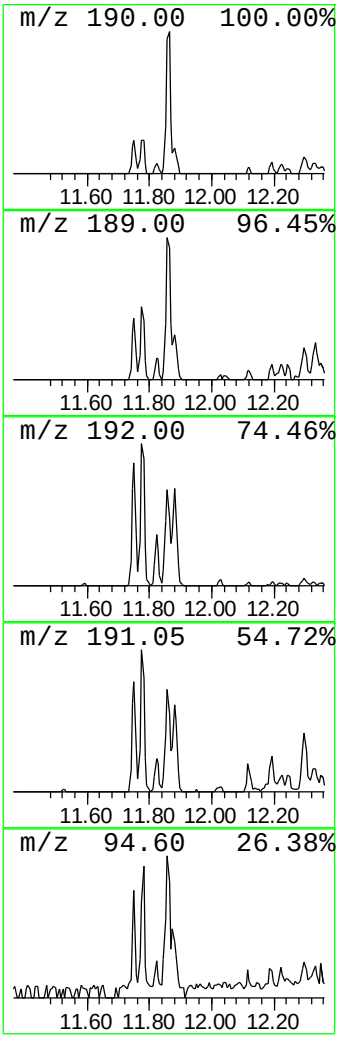
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.06 ng	118567	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
2	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	48
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46





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TIC Library : C:\DATABASE\NIST11.L
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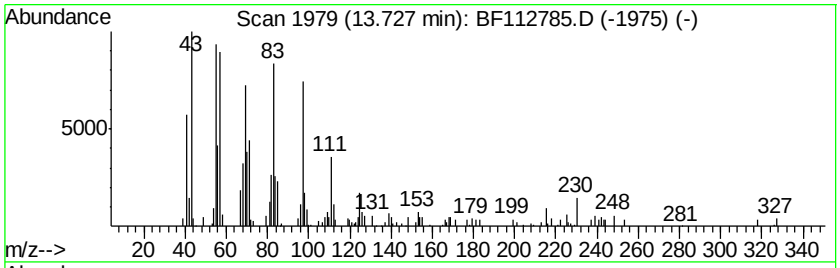
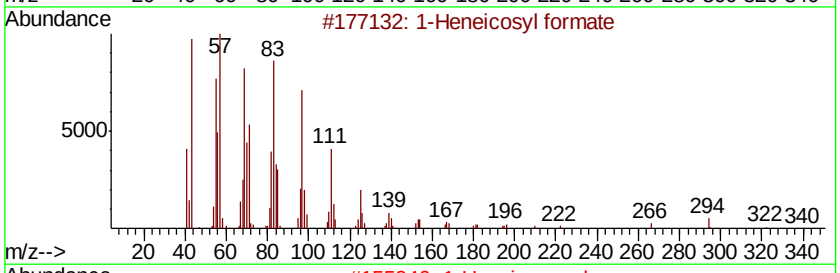
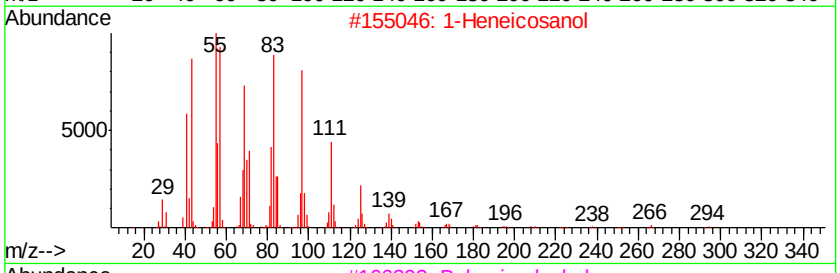
Peak Number 5 1-Heneicosyl formate Concentration Rank 7

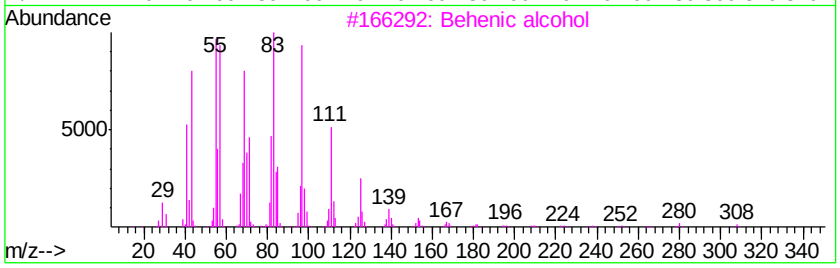
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.04 ng	188283	Chrysene-d12	13.87

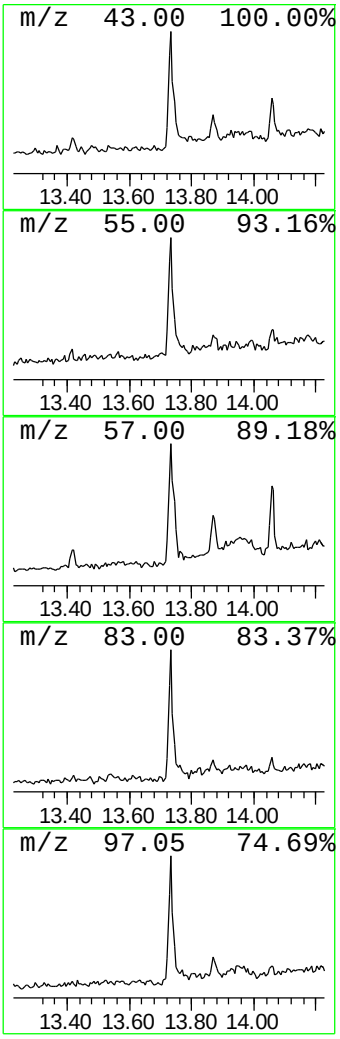
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94











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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

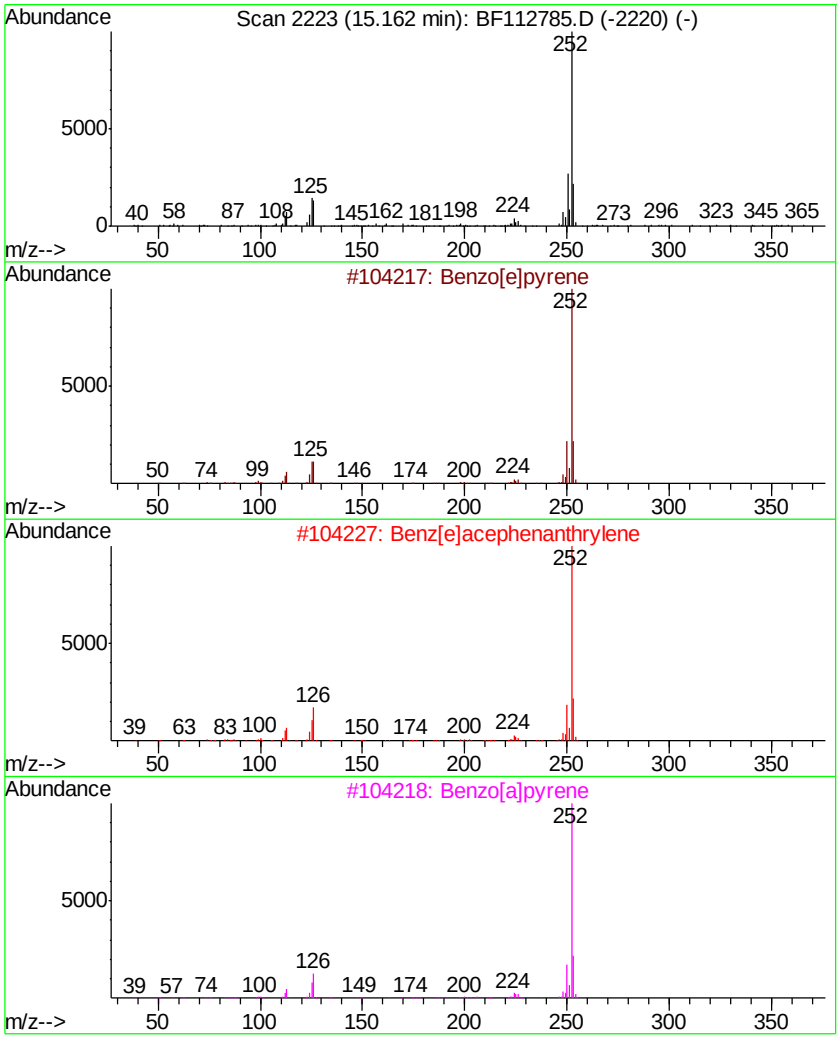
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

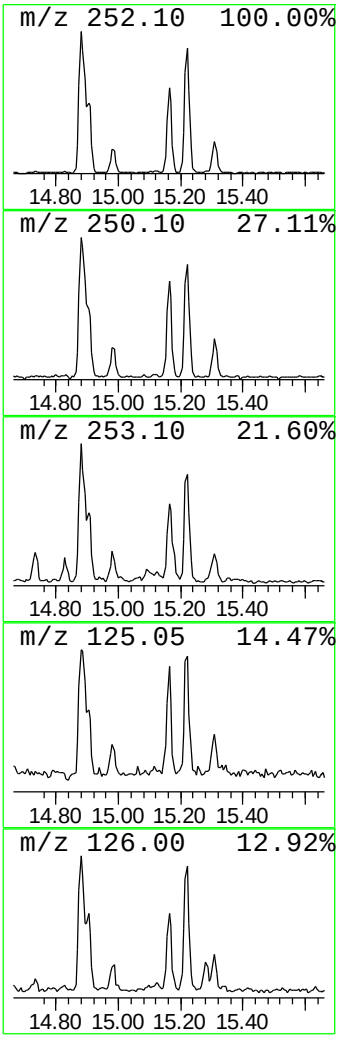
****

Peak Number 7 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	2.07 ng	129337	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : B-3(2.5-3.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.50	6.50	17.7	ng	922655	1	6.75	1042310	20.0
Anthracene, 2-met...	11.78	3.6	ng	210598	4	11.25	1152820	20.0
Phenanthrene, 1-m...	11.86	2.1	ng	118567	4	11.25	1152820	20.0
1-Heneicosyl formate	13.73	2.0	ng	188283	5	13.87	1850070	20.0
Benzo[e]pyrene	15.16	2.1	ng	129337	6	15.29	1249010	20.0