LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
Data File : BF106633.D
Acq On : 20 Jun 2018 21:28
Operator : JU/SJ
Sample : J3249-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061818-A

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-BF061918.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	5.607	552	556	565	rBB	421505	404792	5.81%	0.862%
2	6.607	722	726	737	rBV	480961	430891	6.18%	0.917%
3	6.736	744	748	751	rBV	567106	445863	6.40%	0.949%
4	6.960	782	786	789	rBV	696073	554768	7.96%	1.181%
5	7.113	809	812	815	rBV	450504	351567	5.04%	0.749%
6	7.519	877	881	884	rBV	348856	290179	4.16%	0.618%
7	8.207	995	998	1000	rBV	113845	95471	1.37%	0.203%
8	8.242	1000	1004	1007	rVV	948775	790878	11.34%	1.684%
9	8.525	1048	1052	1056	rVB4	58685	71309	1.02%	0.152%
10	8.742	1086	1089	1091	rBV	93349	72728	1.04%	0.155%
11	8.813	1097	1101	1106	rBV	193352	200071	2.87%	0.426%
12	9.060	1140	1143	1147	rBV4	113355	110276	1.58%	0.235%
13	9.177	1160	1163	1166	rBV2	92264	89194	1.28%	0.190%
14	9.313	1183	1186	1190	rVB	768457	597815	8.58%	1.273%
15	9.383	1195	1198	1201	rVV	304079	253907	3.64%	0.541%
16	9.577	1227	1231	1236	rVB4	74944	116754	1.67%	0.249%
17	9.636	1236	1241	1242	rBV4	59572	85174	1.22%	0.181%
18	9.654	1242	1244	1247	rVV	112699	118055	1.69%	0.251%
19	9.701	1250	1252	1257	rVV3	139527	184510	2.65%	0.393%
20	9.772	1260	1264	1266	rBV3	75432	89062	1.28%	0.190%
21	9.860	1275	1279	1283	rBV2	107847	112621	1.62%	0.240%
22	9.913	1285	1288	1292	rVV	396702	309302	4.44%	0.659%
23	10.001	1300	1303	1306	rVV2	1054324	904785	12.98%	1.926%
24	10.030	1306	1308	1311	rVV	170091	160543	2.30%	0.342%
25	10.142	1324	1327	1330	rBV3	51496	75710	1.09%	0.161%
26	10.201	1334	1337	1340	rVB2	153976	148110	2.12%	0.315%
27	10.236	1340	1343	1347	rBV3	133789	144755	2.08%	0.308%
28	10.313	1352	1356	1359	rBV2	112004	132221	1.90%	0.282%
29	10.342	1359	1361	1368	rVB2	69993	71094	1.02%	0.151%
30	10.413	1368	1373	1376	rBV	416961	395542	5.67%	0.842%
31	10.548	1393	1396	1403	rVV	285575	288850	4.14%	0.615%
32	10.630	1406	1410	1413	rVV2	172894	227649	3.27%	0.485%
33	10.707	1421	1423	1428	rVB3	55638	74065	1.06%	0.158%
34	10.789	1434	1437	1441	rBV2	430468	427796	6.14%	0.911%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J3249-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061818-A

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-BF061918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.883	1451	1453	1463	rVB	384935	519159	7.45%	1.105%
36	11.095	1483	1489	1491	rBV4	108910	170026	2.44%	0.362%
37	11.177	1500	1503	1506	rVB2	79734	90920	1.30%	0.194%
38	11.336	1527	1530	1532	rVV	377867	325988	4.68%	0.694%
39	11.366	1532	1535	1537	rVV	132525	143799	2.06%	0.306%
40	11.389	1537	1539	1543	rVB	128111	104519	1.50%	0.223%
41	11.495	1553	1557	1559	rBV	1007202	956289	13.72%	2.036%
42	11.519	1559	1561	1564	rVV	1448314	1143204	16.40%	2.434%
43	11.566	1567	1569	1573	rVV	390729	359289	5.15%	0.765%
44	11.601	1573	1575	1580	rVB2	77656	86720	1.24%	0.185%
45	11.724	1592	1596	1600	rBV3	74520	130319	1.87%	0.277%
46	11.760	1600	1602	1605	rVV	325810	256489	3.68%	0.546%
47	11.789	1605	1607	1609	rVV2	96450	85736	1.23%	0.183%
48	11.824	1610	1613	1616	rVB	81598	78578	1.13%	0.167%
49	11.871	1617	1621	1624	rVB	2914383	2656634	38.11%	5.656%
50	11.995	1639	1642	1644	rBV	279036	261771	3.75%	0.557%
51	12.024	1644	1647	1650	rVB	387614	353815	5.08%	0.753%
52	12.071	1650	1655	1658	rBV	139930	162237	2.33%	0.345%
53	12.107	1658	1661	1664	rBV2	487426	561835	8.06%	1.196%
54	12.130	1664	1665	1669	rVB	208800	115616	1.66%	0.246%
55	12.171	1669	1672	1674	rBV	272834	227966	3.27%	0.485%
56	12.289	1690	1692	1695	rVV	207670	175699	2.52%	0.374%
57	12.318	1695	1697	1703	rVB2	105982	102966	1.48%	0.219%
58	12.471	1720	1723	1725	rVV	78849	73594	1.06%	0.157%
59	12.571	1732	1740	1742	rBV3	3508286	6971566	100.00%	14.843%
60	12.595	1742	1744	1748	rVV2	3541532	4054709	58.16%	8.633%
61	12.636	1748	1751	1753	rVV	181125	226213	3.24%	0.482%
62	12.665	1753	1756	1759	rVV	1630957	1498964	21.50%	3.191%
63	12.718	1760	1765	1768	rBV	2114439	2184392	31.33%	4.651%
64	12.754	1768	1771	1773	rVV	68964	82049	1.18%	0.175%
65	12.895	1793	1795	1798	rVV	108885	101992	1.46%	0.217%
66	12.948	1798	1804	1809	rVB2	1868297	2245317	32.21%	4.781%
67	12.995	1809	1812	1816	rBV2	110827	110953	1.59%	0.236%
68	13.077	1821	1826	1829	rBV2	703493	634292	9.10%	1.350%
69	13.101	1829	1830	1834	rVB2	82529	74346	1.07%	0.158%
70	13.154	1836	1839	1845	rBV4	148819	279329	4.01%	0.595%
71	13.224	1848	1851	1853	rBV3	168264	160088	2.30%	0.341%

LSC Area Percent Report

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Sample : J3249-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061818-A

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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.248	1853	1855	1856	rVV	110839	103382	1.48%	0.220%
73	13.271	1856	1859	1861	rVV	235206	235894	3.38%	0.502%
74	13.313	1864	1866	1868	rVB2	92852	70342	1.01%	0.150%
75	13.336	1868	1870	1872	rVB	222564	160666	2.30%	0.342%
76	13.383	1872	1878	1881	rBV3	280732	446052	6.40%	0.950%
77	13.465	1888	1892	1895	rBV	133916	159308	2.29%	0.339%
78	13.501	1895	1898	1901	rBV	146066	141677	2.03%	0.302%
79	13.777	1942	1945	1949	rVB	158032	146669	2.10%	0.312%
80	13.824	1949	1953	1954	rBV2	54836	76265	1.09%	0.162%
81	13.889	1960	1964	1967	rBV3	170323	223423	3.20%	0.476%
82	13.918	1967	1969	1971	rVV	182973	149181	2.14%	0.318%
83	13.954	1971	1975	1978	rVV3	178512	289303	4.15%	0.616%
84	13.989	1978	1981	1985	rVB	118568	130796	1.88%	0.278%
85	14.060	1990	1993	1999	rVB3	163411	170280	2.44%	0.363%
86	14.142	2002	2007	2010	rVV2	1143227	1818496	26.08%	3.872%
87	14.171	2010	2012	2019	rVB	929697	842634	12.09%	1.794%
88	14.254	2023	2026	2028	rBV	152268	116213	1.67%	0.247%
89	14.536	2072	2074	2077	rVB	194604	155011	2.22%	0.330%
90	14.571	2078	2080	2082	rBV	95638	88671	1.27%	0.189%
91	14.689	2098	2100	2104	rVB2	142003	117863	1.69%	0.251%
92	15.054	2158	2162	2171	rVB3	241864	384105	5.51%	0.818%
93	15.230	2187	2192	2195	rBV	700635	1167181	16.74%	2.485%
94	15.342	2208	2211	2214	rBV	118663	121559	1.74%	0.259%
95	15.548	2243	2246	2253	rVB	416650	536578	7.70%	1.142%
96	15.618	2253	2258	2264	rVV	637105	808447	11.60%	1.721%
97	15.683	2264	2269	2272	rVV	540780	787372	11.29%	1.676%
98	15.718	2272	2275	2281	rVB2	196788	272834	3.91%	0.581%
99	17.248	2530	2535	2541	rVB2	200226	371130	5.32%	0.790%
100	17.724	2612	2616	2625	rVB	147748	282966	4.06%	0.602%

Sum of corrected areas: 46967983

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
Data File : BF106633.D
Acq On : 20 Jun 2018 21:28
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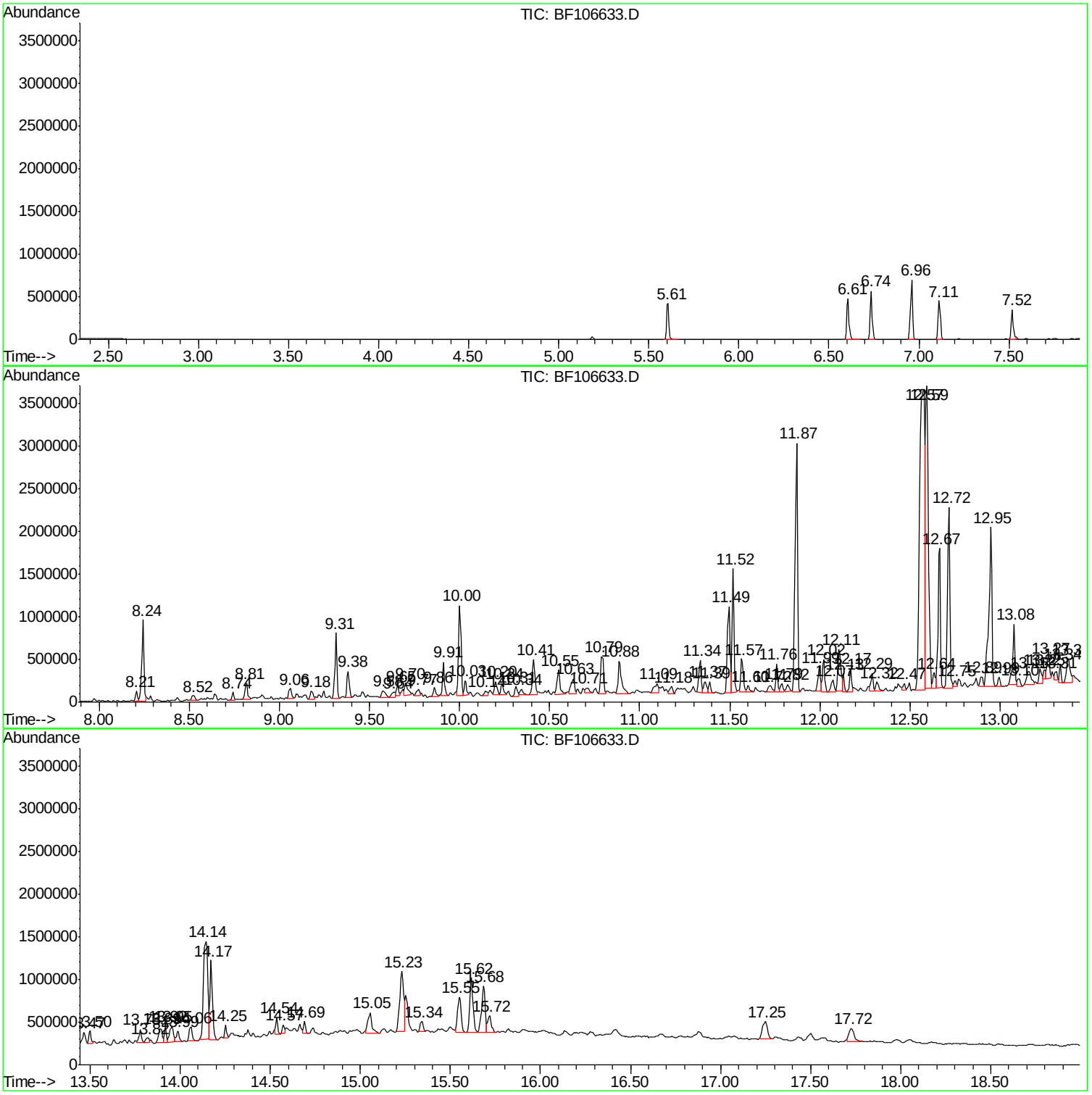
Sample : J3249-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-061818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
Data File : BF106633.D
Acq On : 20 Jun 2018 21:28
Operator : JU/SJ
Sample : J3249-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

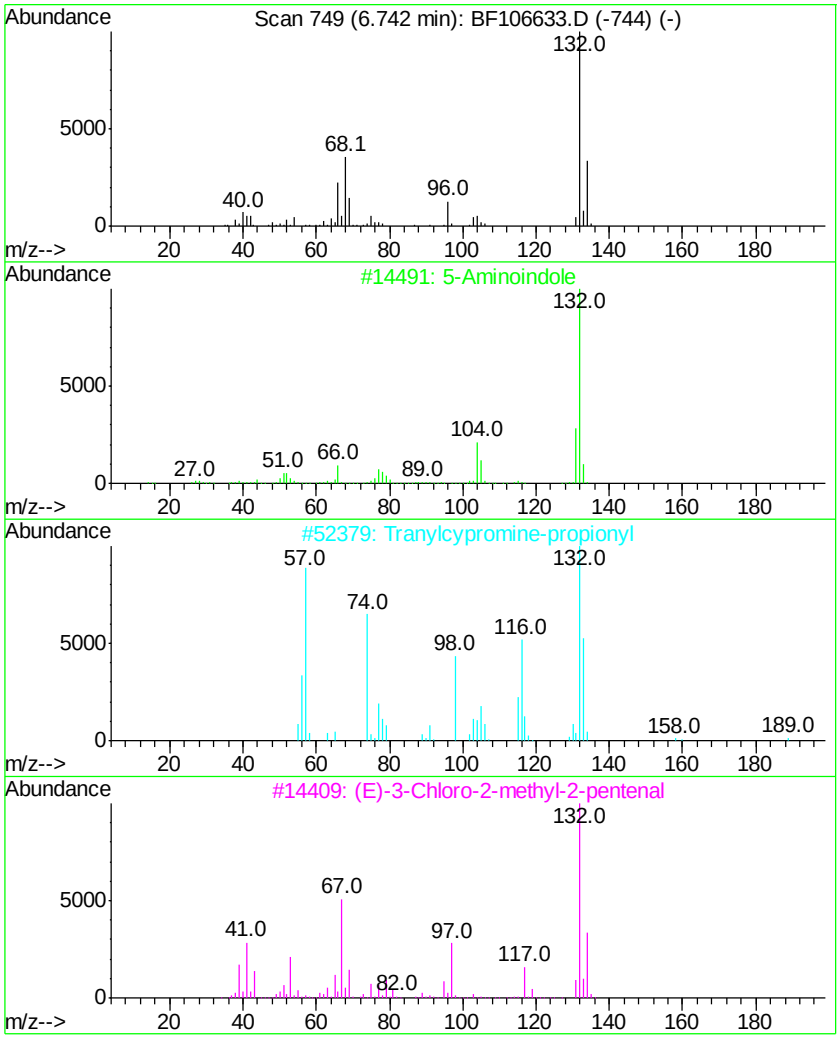
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

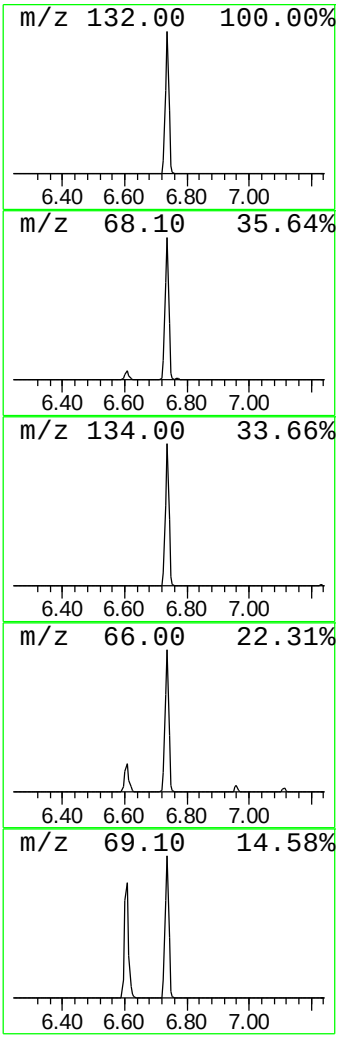
****

Peak Number 1 unknown6.74 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	16.07 ng	445863	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : PL-01-061818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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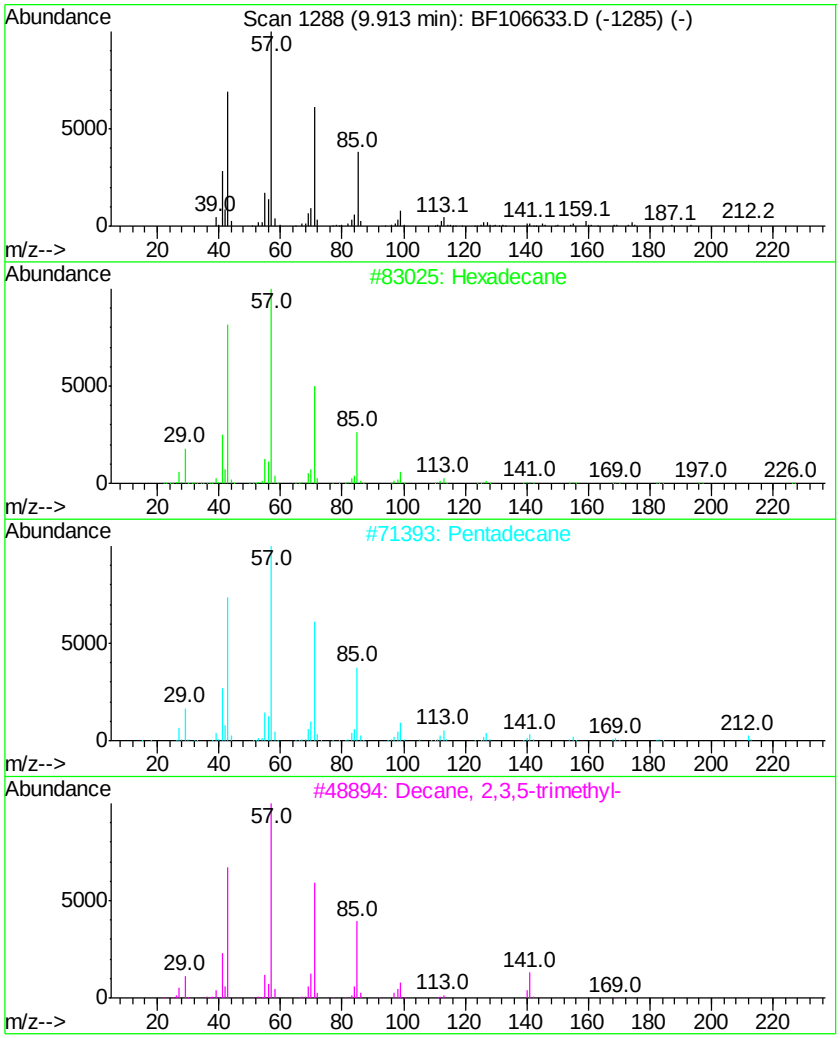
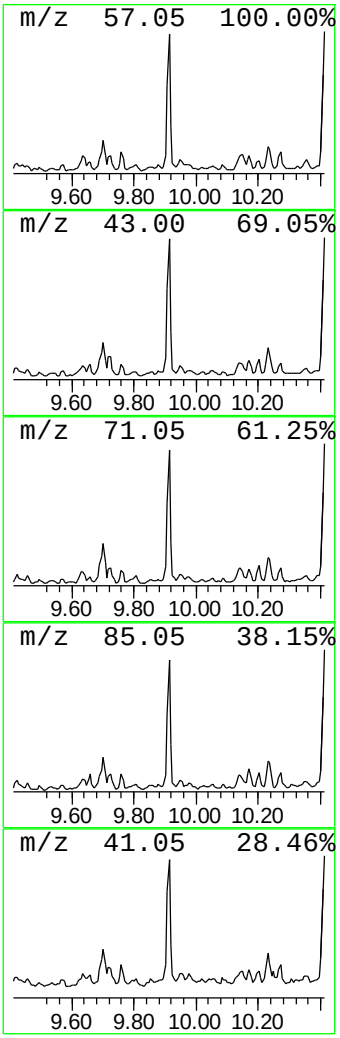
Peak Number 5 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	6.84 ng	309302	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64





Library Search Compound Report

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

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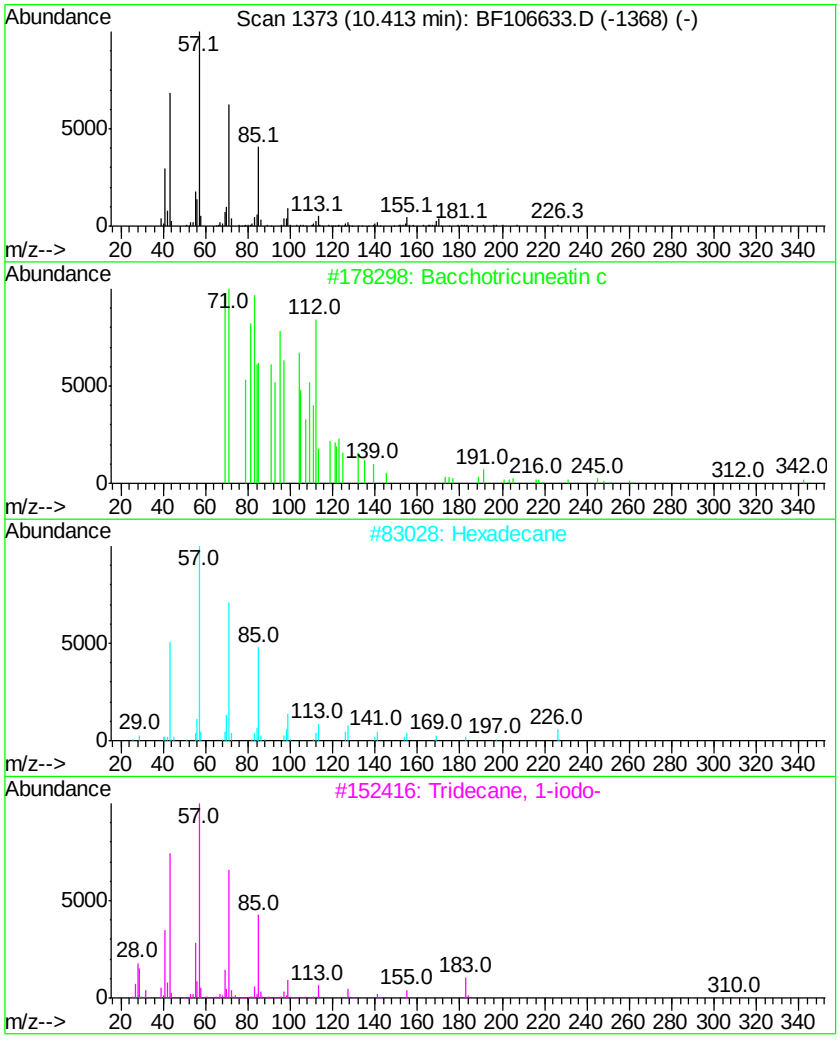
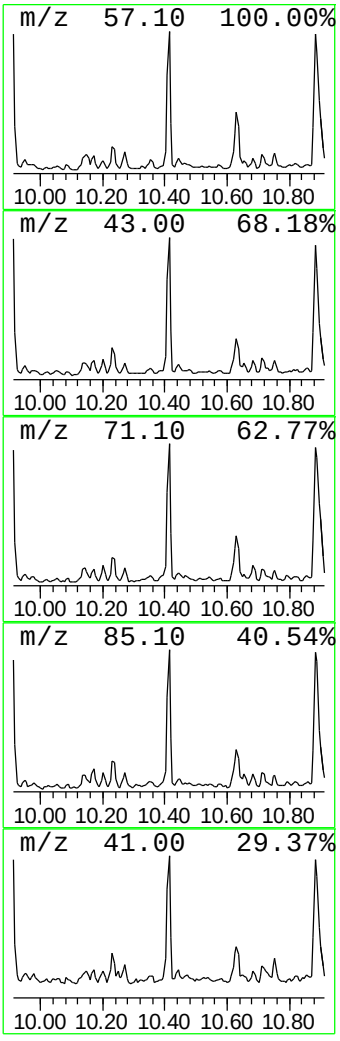
Peak Number 6 Bacchotricuneatin c Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	8.74 ng	395542	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	76





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

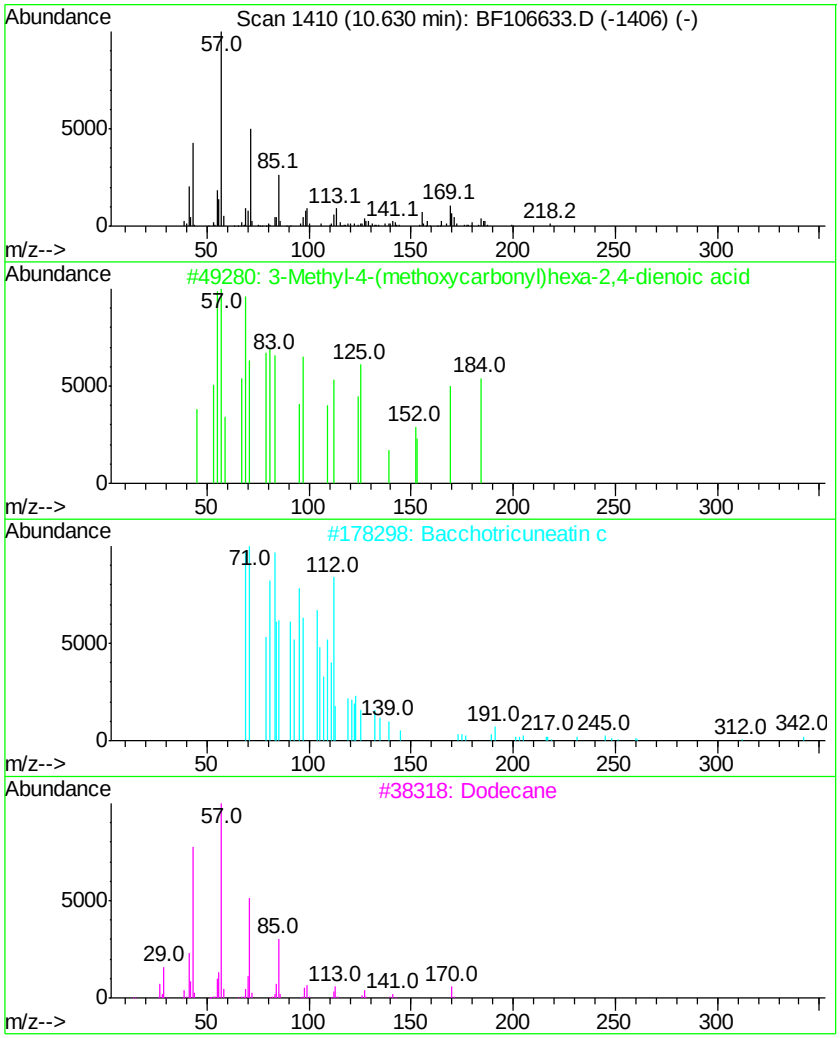
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

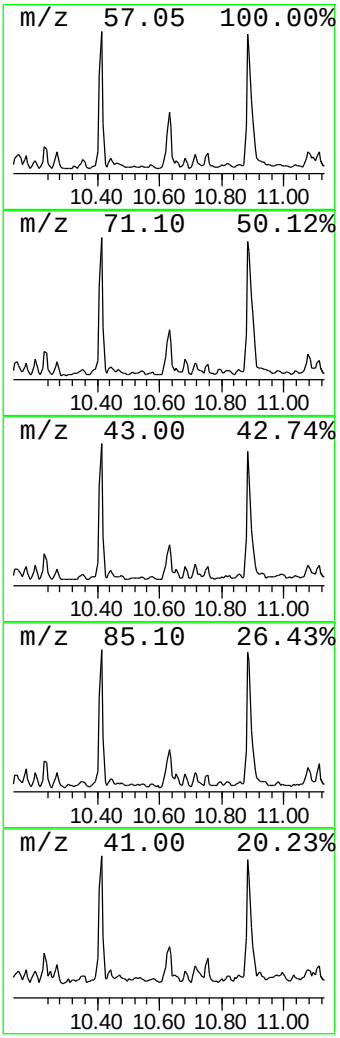
****

Peak Number 7 3-Methyl-4-(methoxycarbonyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	5.03 ng	227649	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	95
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	91
3	Dodecane	170	C12H26	000112-40-3	74
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64





Library Search Compound Report

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Sample : J3249-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

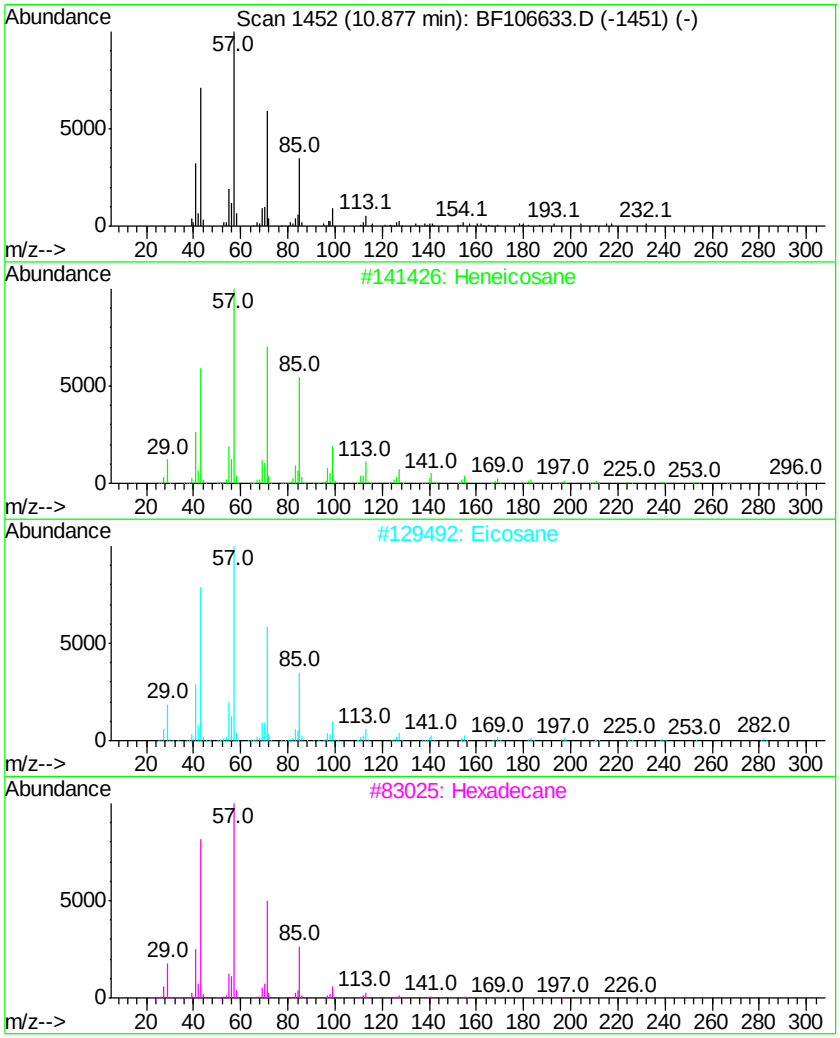
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

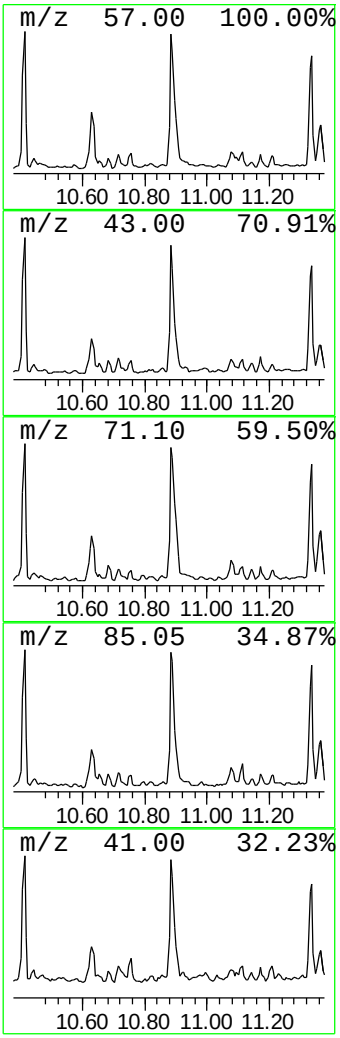
****

Peak Number 8 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	10.86 ng	519159	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Eicosane	282	C20H42	000112-95-8	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72





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Acq On : 20 Jun 2018 21:28
Operator : JU/SJ
Sample : J3249-01 5X
Misc :
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ClientSampleId : PL-01-061818-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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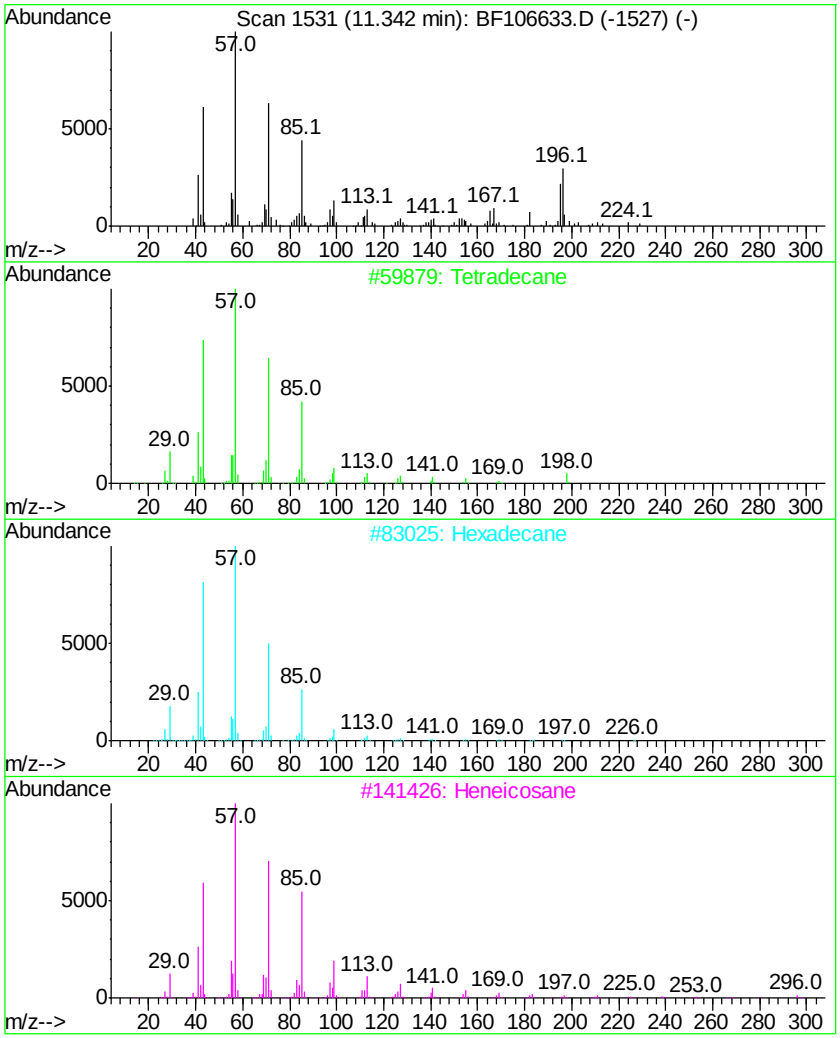
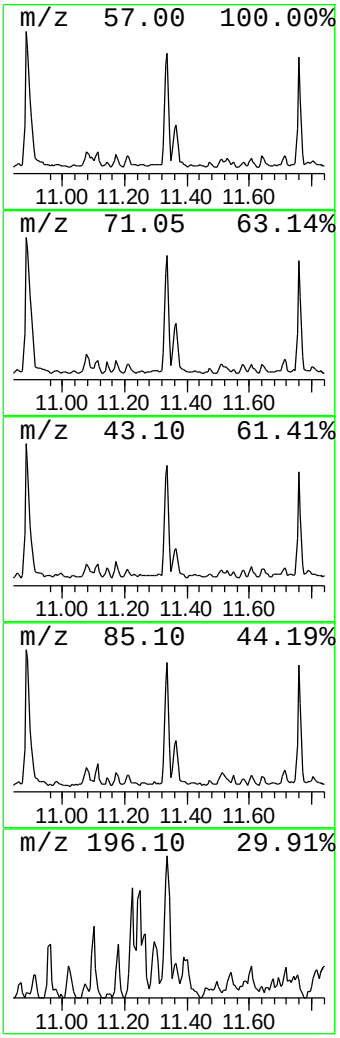
Peak Number 9 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	6.82 ng	325988	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Hexadecane	226	C16H34	000544-76-3	80
3	Heneicosane	296	C21H44	000629-94-7	80
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	76
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	74





Library Search Compound Report

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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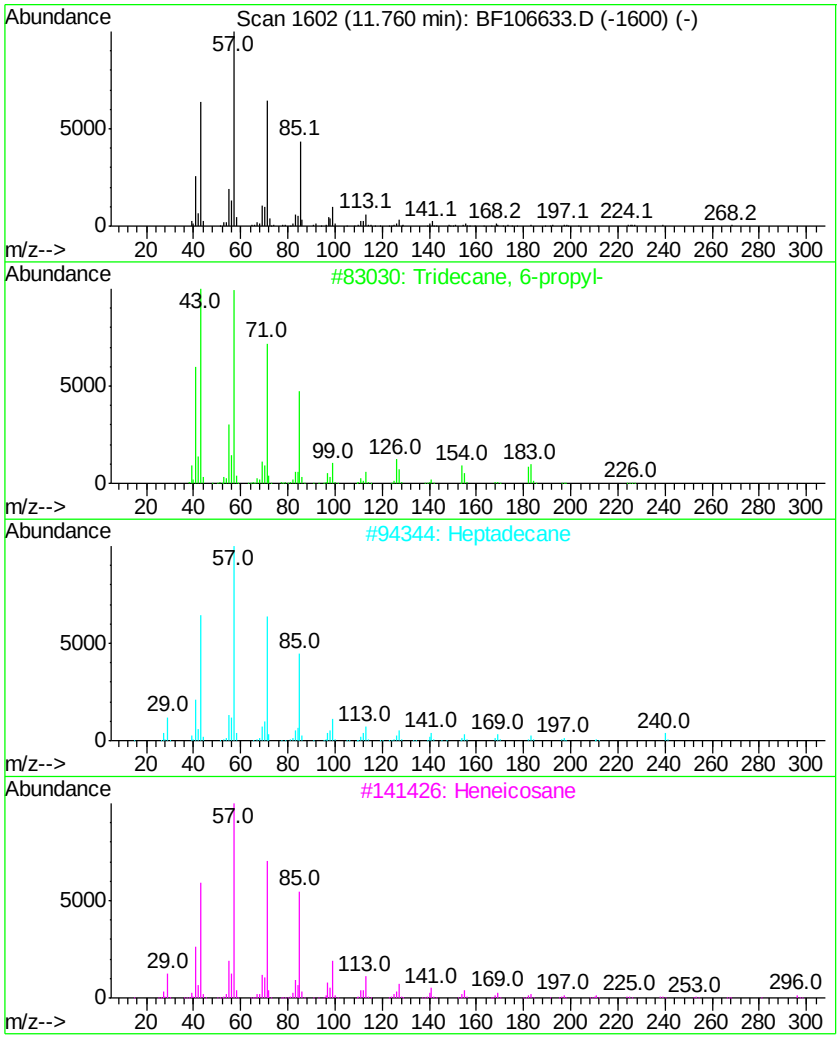
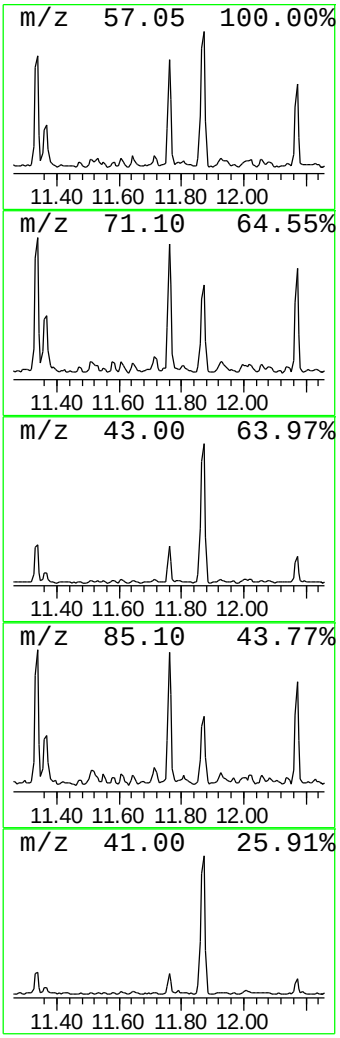
Peak Number 10 Tridecane, 6-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	5.36 ng	256489	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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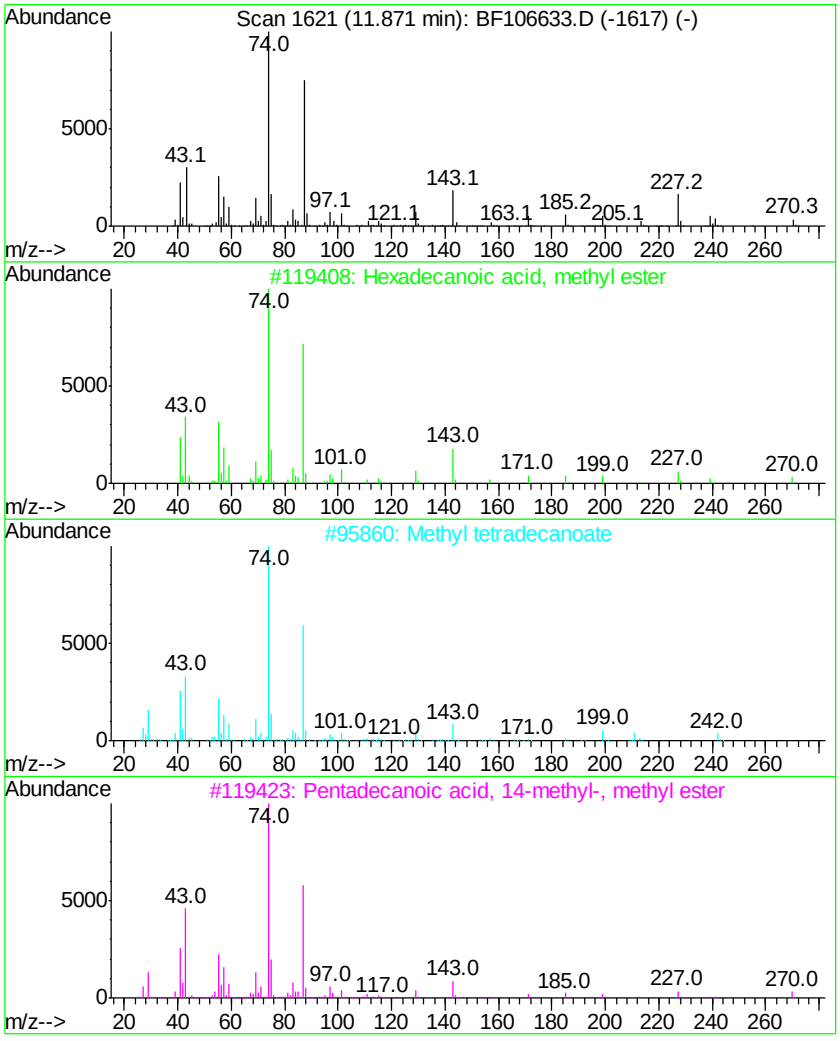
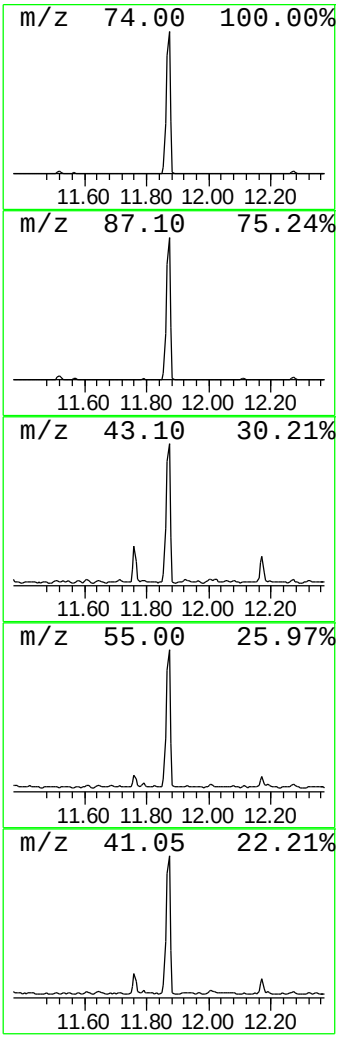
Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	55.56 ng	2656630	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83





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ClientSampleId : PL-01-061818-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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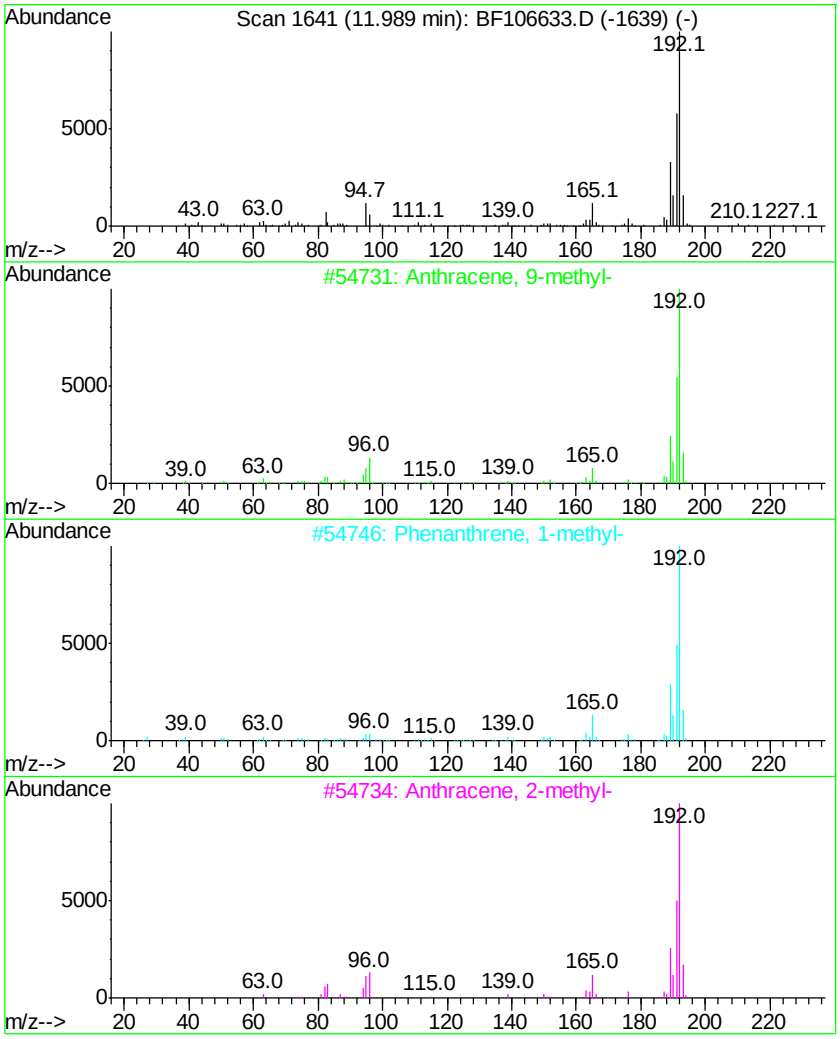
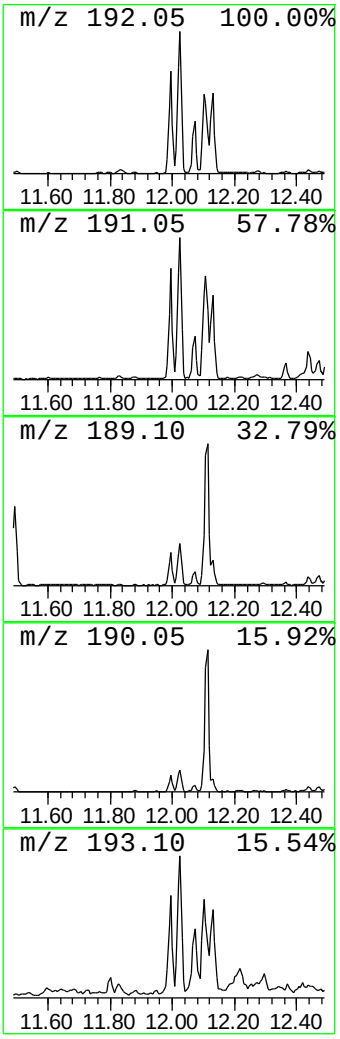
Peak Number 12 Anthracene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	5.47 ng	261771	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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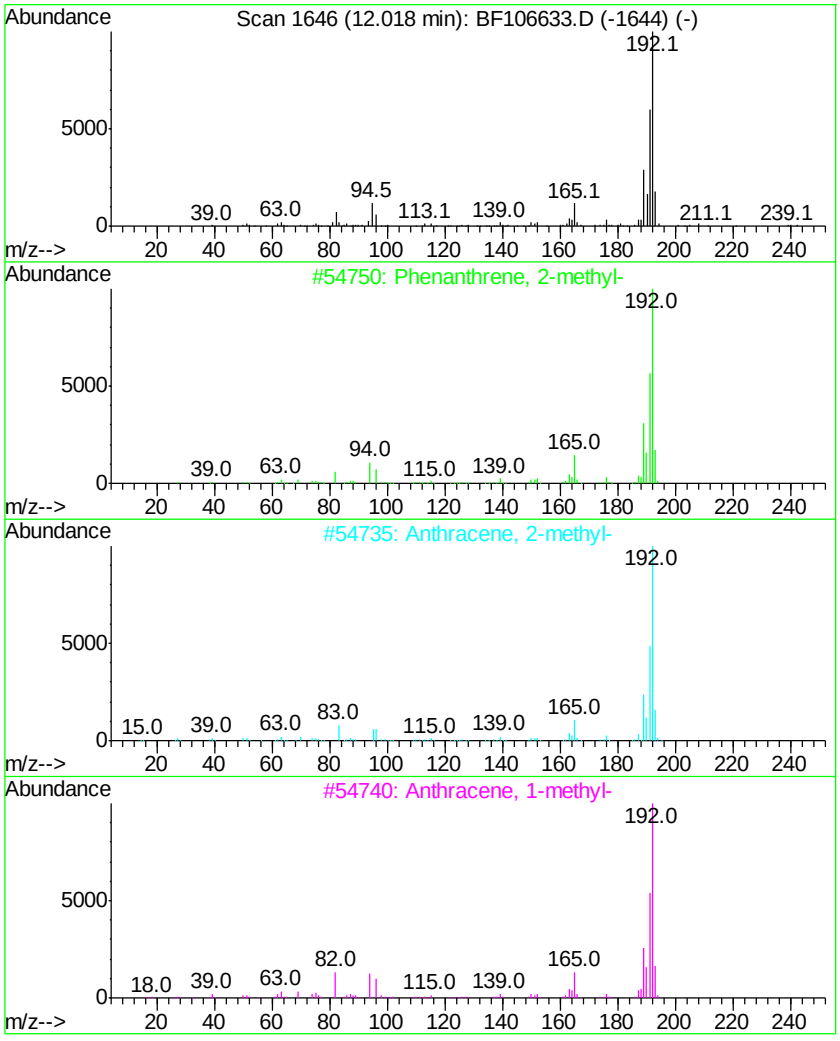
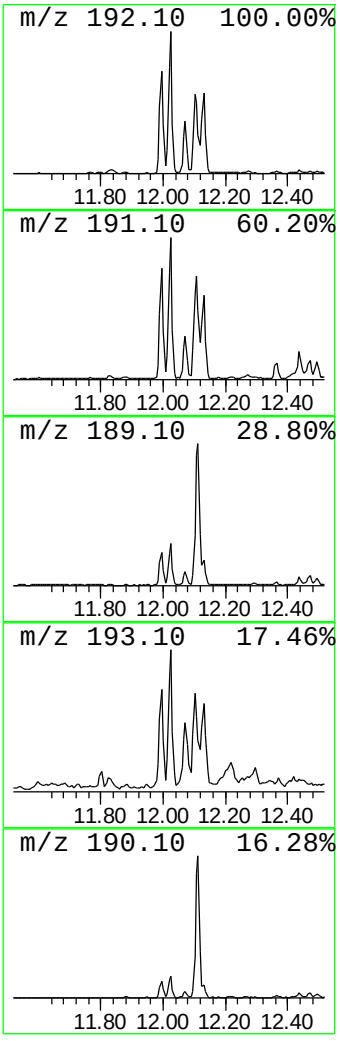
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	7.40 ng	353815	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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ClientSampleId : PL-01-061818-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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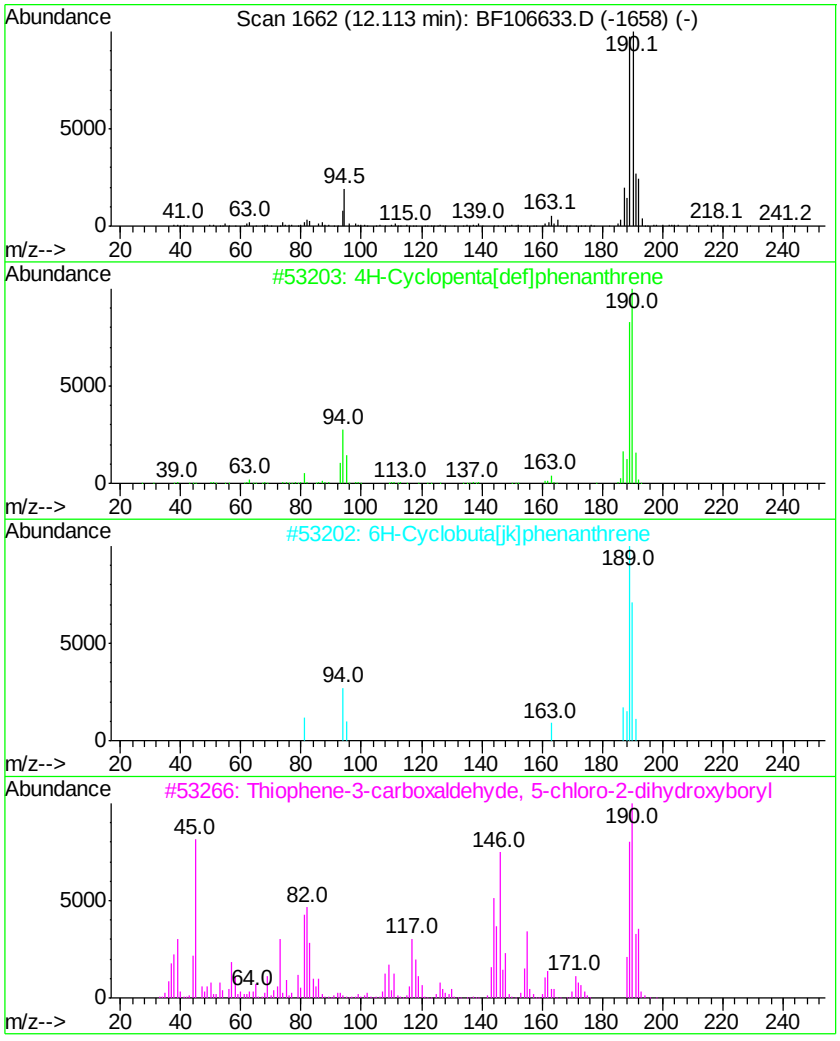
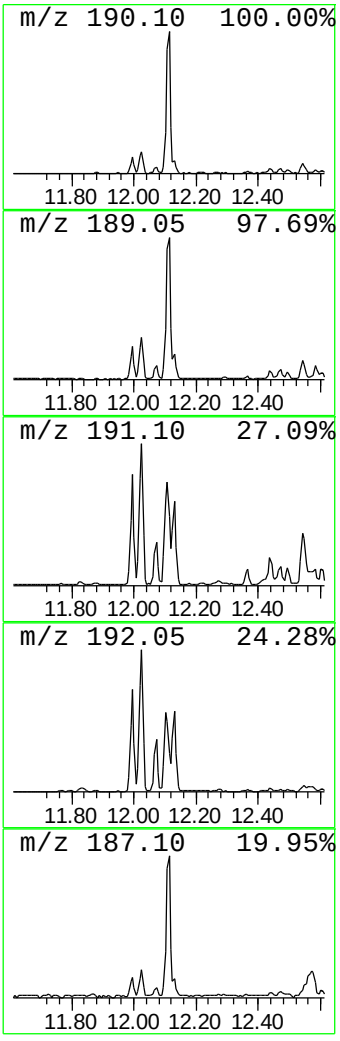
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	11.75 ng	561835	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	14





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061818-A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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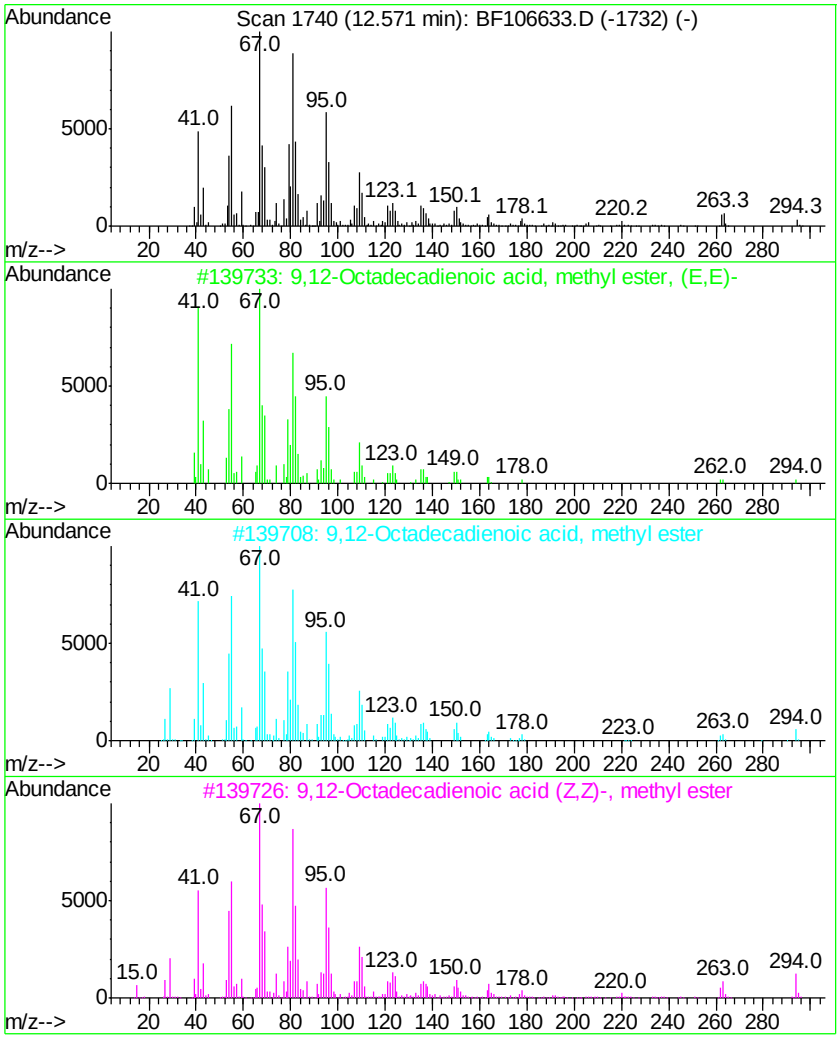
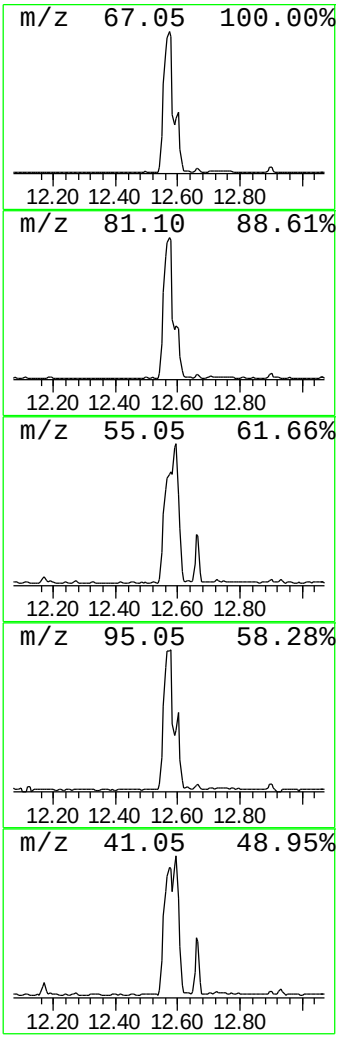
Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	145.81 ng	6971570	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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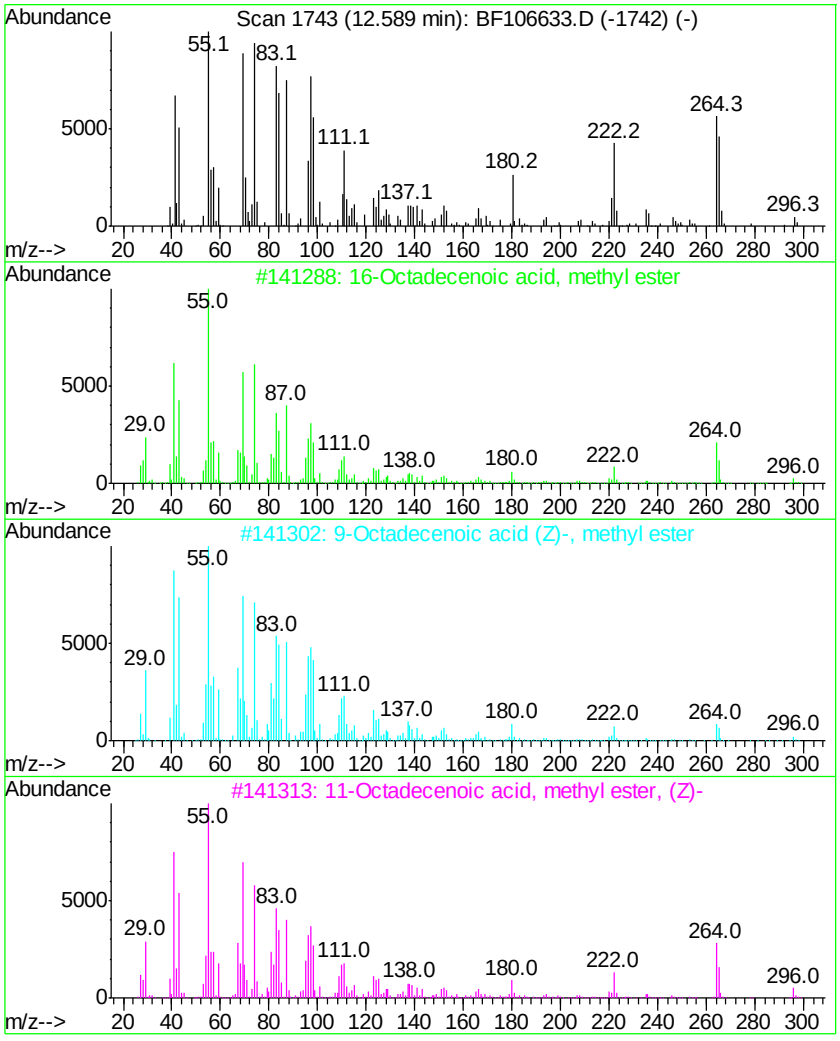
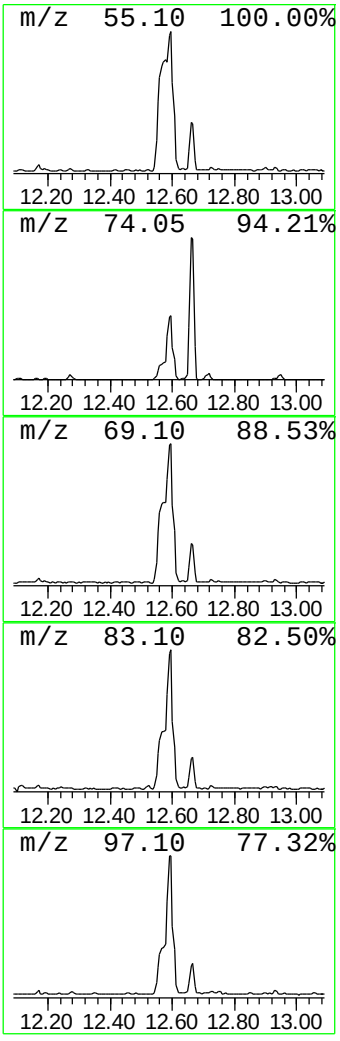
Peak Number 16 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	84.80 ng	4054710	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	86
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	81
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	74
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	72
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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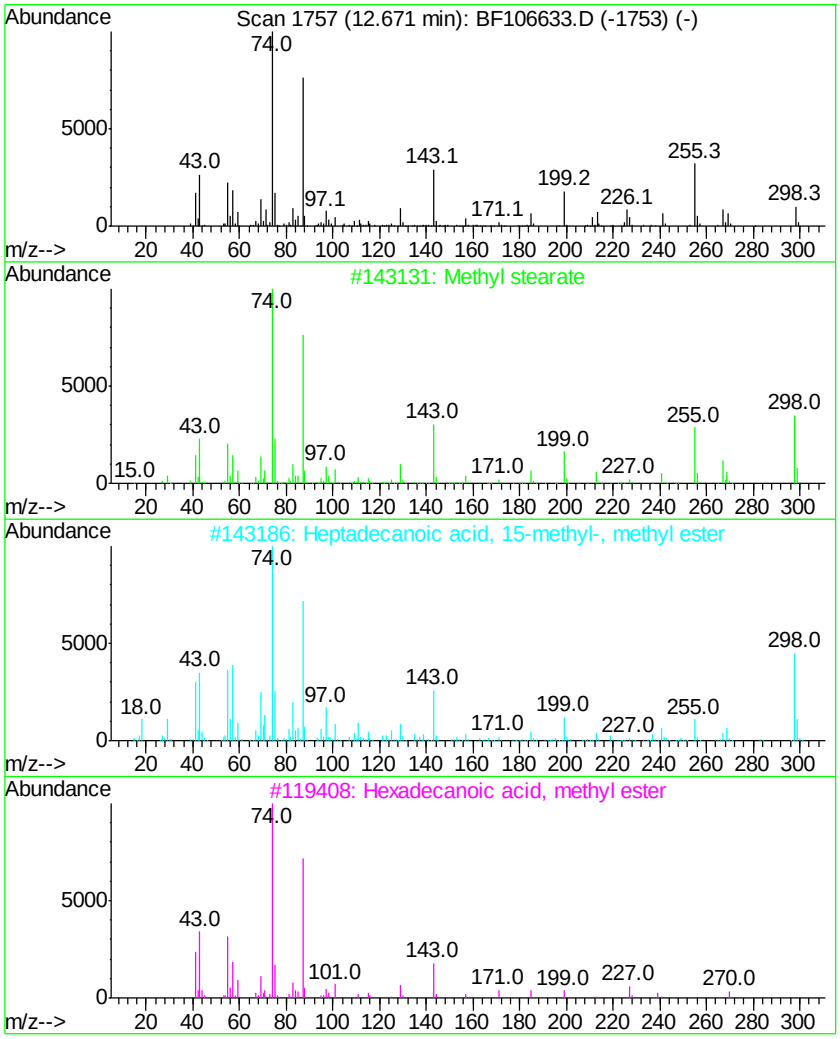
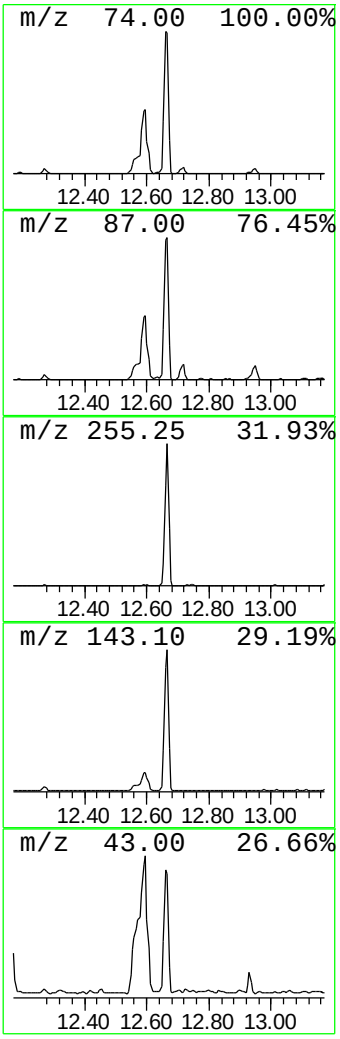
Peak Number 17 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	31.35 ng	1498960	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	93
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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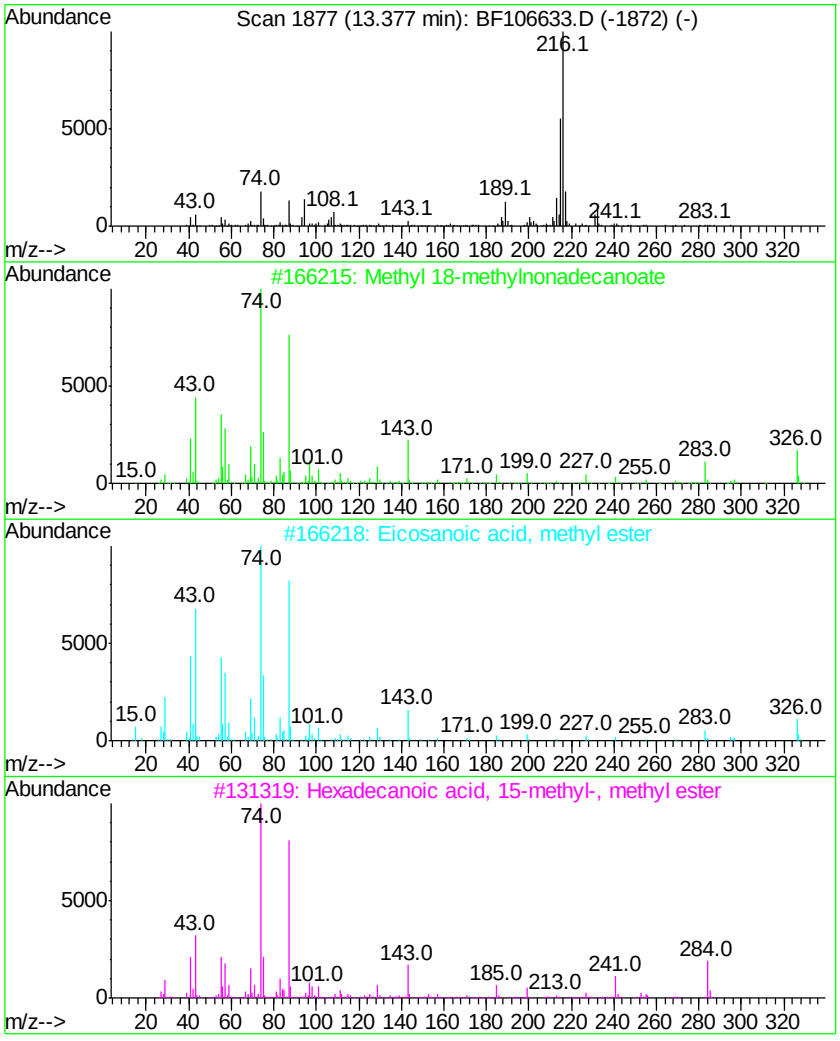
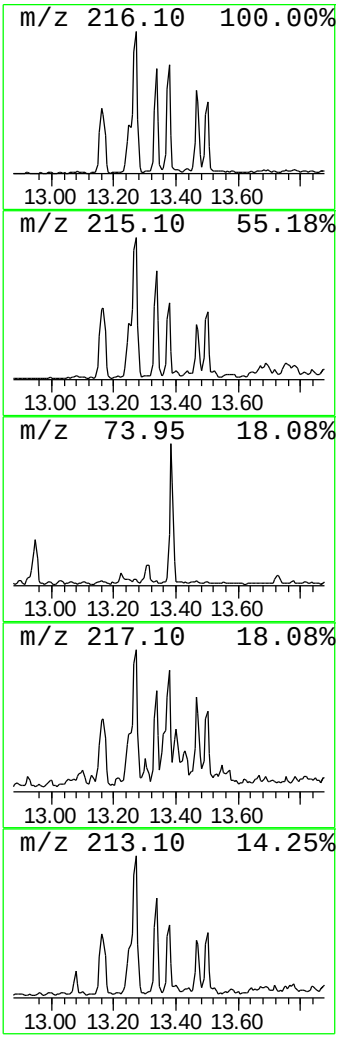
Peak Number 18 Methyl 18-methylnonadecanoate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	4.91 ng	446052	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	95
2	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	94
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	78
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	78





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TIC Integration Parameters: LSCINT.P

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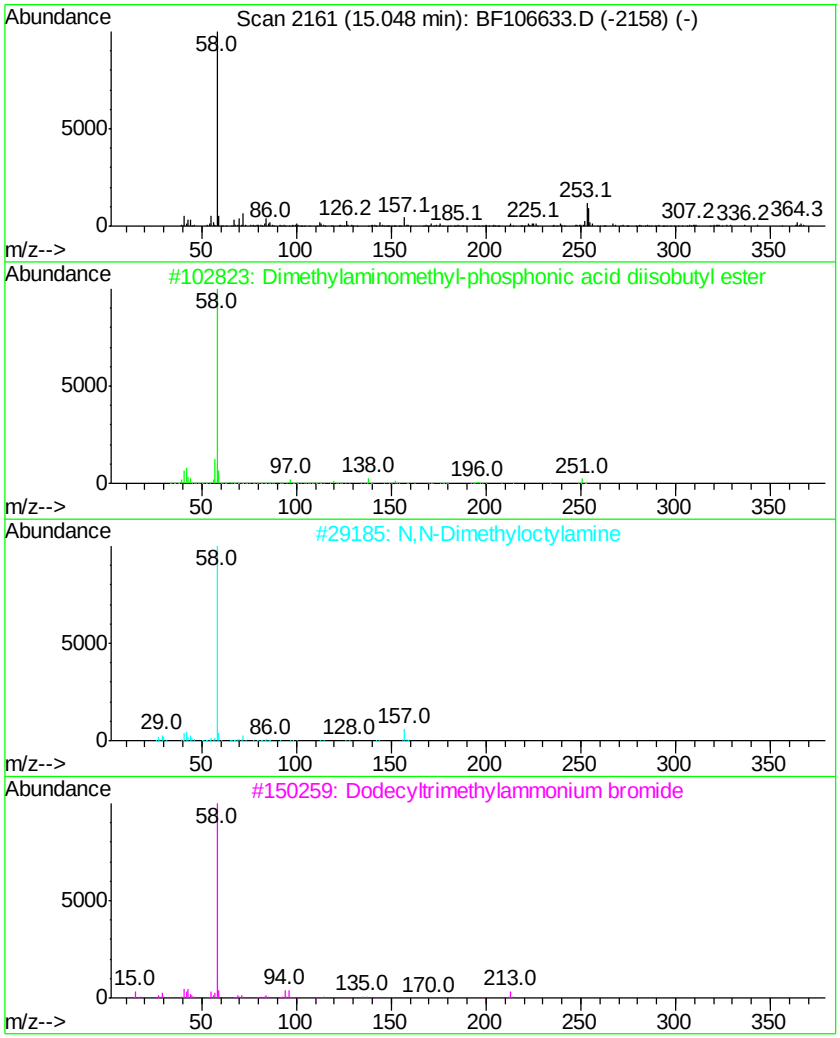
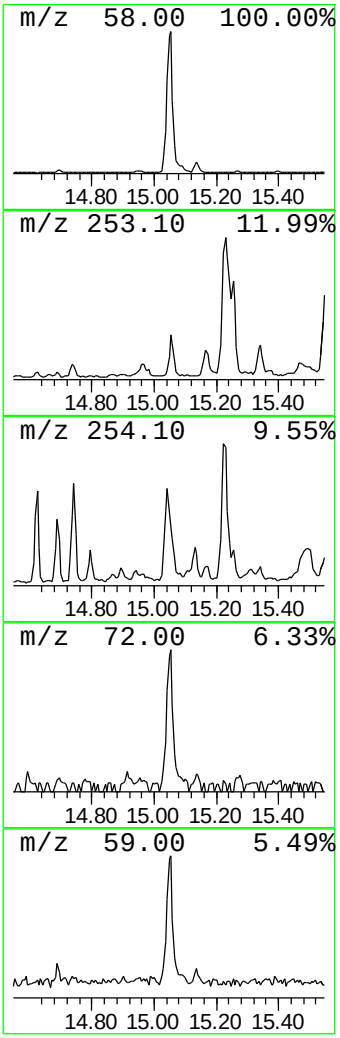
Peak Number 19 Dimethylaminomethyl-phospho... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	9.76 ng	384105	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethylaminomethyl-phosphonic a...	251	C11H26NO3P	299967-97-8	50
2	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	49
3	Dodecyltrimethylammonium bromide	307	C15H34BrN	001119-94-4	47
4	Dimantine	297	C20H43N	000124-28-7	47
5	1-Pentadecanamine, N,N-dimethyl-	255	C17H37N	017678-60-3	47





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

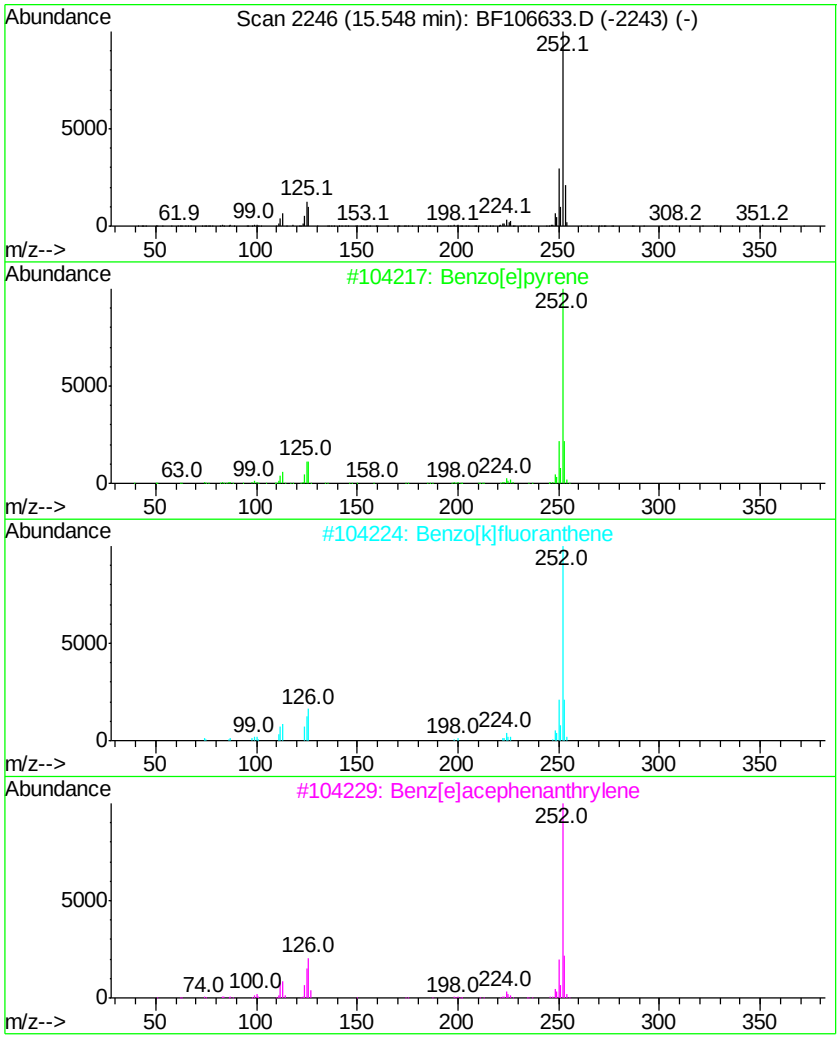
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

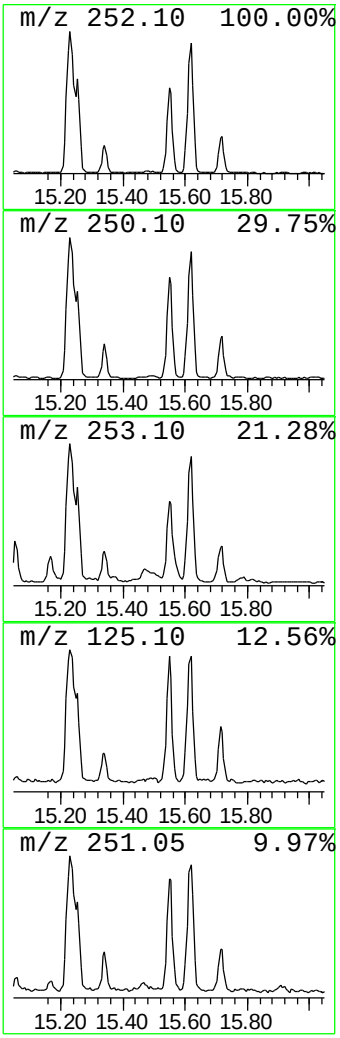
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	13.63 ng	536578	Perylene-d12	15.68

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062018\
Data File : BF106633.D
Acq On : 20 Jun 2018 21:28
Operator : JU/SJ
Sample : J3249-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-01-061818-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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
unknown6.74	6.74	16.1	ng	445863	1	6.96	554768	20.0
Hexadecane	9.91	6.8	ng	309302	3	10.00	904785	20.0
Bacchotricuneatin c	10.41	8.7	ng	395542	3	10.00	904785	20.0
3-Methyl-4-(metho...	10.63	5.0	ng	227649	3	10.00	904785	20.0
Heneicosane	10.88	10.9	ng	519159	4	11.49	956289	20.0
Tetradecane	11.34	6.8	ng	325988	4	11.49	956289	20.0
Tridecane, 6-propyl-	11.76	5.4	ng	256489	4	11.49	956289	20.0
Hexadecanoic acid...	11.87	55.6	ng	2656630	4	11.49	956289	20.0
Anthracene, 9-met...	11.99	5.5	ng	261771	4	11.49	956289	20.0
Phenanthrene, 2-m...	12.02	7.4	ng	353815	4	11.49	956289	20.0
4H-Cyclopenta[def...	12.11	11.8	ng	561835	4	11.49	956289	20.0
9,12-Octadecadien...	12.57	145.8	ng	6971570	4	11.49	956289	20.0
16-Octadecenoic a...	12.59	84.8	ng	4054710	4	11.49	956289	20.0
Methyl stearate	12.67	31.4	ng	1498960	4	11.49	956289	20.0
Methyl 18-methyln...	13.38	4.9	ng	446052	5	14.15	1818500	20.0
Dimethylaminometh...	15.05	9.8	ng	384105	6	15.68	787372	20.0
Benzo[e]pyrene	15.55	13.6	ng	536578	6	15.68	787372	20.0