LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107483.D
Acq On : 18 Jul 2018 17:46
Operator : JU/SJ
Sample : J4016-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-L-12-7

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-BF071618.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	5.231	487	492	500	rVB	378484	501481	8.58%	0.560%
2	5.619	548	558	561	rBV	3493856	3522220	60.29%	3.932%
3	6.613	721	727	730	rBV	3220539	3771912	64.57%	4.211%
4	6.760	746	752	755	rBV	3637561	3786376	64.81%	4.227%
5	6.984	786	790	793	rBV	1203874	969855	16.60%	1.083%
6	7.142	812	817	820	rBV	3231369	2862383	49.00%	3.196%
7	7.548	880	886	889	rBV	2540505	2492853	42.67%	2.783%
8	8.266	1004	1008	1011	rBV	1355694	1164394	19.93%	1.300%
9	9.342	1185	1191	1194	rBV	4279431	4129828	70.69%	4.611%
10	9.607	1233	1236	1243	rBV5	42197	68300	1.17%	0.076%
11	9.731	1254	1257	1260	rVB	714933	545602	9.34%	0.609%
12	9.889	1281	1284	1288	rBV	252442	213261	3.65%	0.238%
13	9.936	1289	1292	1298	rVB2	58300	60679	1.04%	0.068%
14	10.031	1304	1308	1311	rVB	1414971	1282831	21.96%	1.432%
15	10.230	1335	1342	1344	rBV2	88186	122713	2.10%	0.137%
16	10.266	1344	1348	1351	rVB3	60729	60462	1.03%	0.068%
17	10.336	1356	1360	1364	rBV5	43738	65541	1.12%	0.073%
18	10.442	1371	1378	1382	rBV4	137080	183776	3.15%	0.205%
19	10.578	1397	1401	1405	rVB2	167733	182975	3.13%	0.204%
20	10.660	1410	1415	1418	rVV5	53654	73744	1.26%	0.082%
21	10.730	1423	1427	1433	rVB3	98275	115544	1.98%	0.129%
22	10.819	1438	1442	1446	rBV	2334654	2473322	42.34%	2.761%
23	10.919	1455	1459	1469	rVB4	188042	280688	4.80%	0.313%
24	11.125	1489	1494	1496	rBV5	72242	97475	1.67%	0.109%
25	11.254	1511	1516	1517	rBV3	64053	87469	1.50%	0.098%
26	11.325	1524	1528	1531	rBV2	103993	107131	1.83%	0.120%
27	11.366	1532	1535	1538	rVV	306803	269213	4.61%	0.301%
28	11.395	1538	1540	1542	rVV3	145429	129335	2.21%	0.144%
29	11.419	1542	1544	1547	rVB	138784	120091	2.06%	0.134%
30	11.525	1558	1562	1564	rBV	1338020	1356828	23.23%	1.515%
31	11.548	1564	1566	1569	rVB	2208444	1706091	29.20%	1.905%
32	11.595	1569	1574	1576	rBV	228693	200576	3.43%	0.224%
33	11.748	1597	1600	1604	rVB	123157	104506	1.79%	0.117%
34	11.795	1605	1608	1610	rBV	497902	369143	6.32%	0.412%

LSC Area Percent Report

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Acq On : 18 Jul 2018 17:46
Operator : JU/SJ
Sample : J4016-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-L-12-7

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.848	1615	1617	1622	rVB6	64026	72682	1.24%	0.081%
36	12.025	1644	1647	1650	rBV	295367	327694	5.61%	0.366%
37	12.054	1650	1652	1655	rVB	420915	312926	5.36%	0.349%
38	12.136	1663	1666	1669	rBV2	355252	433584	7.42%	0.484%
39	12.160	1669	1670	1673	rVB	182551	100449	1.72%	0.112%
40	12.207	1675	1678	1681	rBV	1458439	1166910	19.97%	1.303%
41	12.319	1694	1697	1699	rBV	237201	171084	2.93%	0.191%
42	12.348	1699	1702	1707	rVB	355701	313292	5.36%	0.350%
43	12.595	1739	1744	1747	rBV	3228473	2753456	47.13%	3.074%
44	12.672	1754	1757	1759	rBV2	169686	161631	2.77%	0.180%
45	12.760	1767	1772	1775	rBV	2471928	2477417	42.41%	2.766%
46	12.842	1783	1786	1788	rBV	208433	210983	3.61%	0.236%
47	12.901	1794	1796	1801	rVB2	177625	192670	3.30%	0.215%
48	12.972	1802	1808	1814	rVV3	5097375	5841911	100.00%	6.522%
49	13.019	1814	1816	1820	rVB2	134714	146640	2.51%	0.164%
50	13.113	1826	1832	1834	rBV	3019909	3002673	51.40%	3.352%
51	13.189	1843	1845	1848	rVB	208793	195012	3.34%	0.218%
52	13.277	1857	1860	1861	rBV3	87706	107260	1.84%	0.120%
53	13.295	1861	1863	1865	rVV	263574	260702	4.46%	0.291%
54	13.324	1865	1868	1872	rVV	4609938	4343820	74.36%	4.850%
55	13.366	1873	1875	1877	rVB	156739	111723	1.91%	0.125%
56	13.401	1877	1881	1884	rVB3	179277	214378	3.67%	0.239%
57	13.536	1902	1904	1908	rVB4	195197	198160	3.39%	0.221%
58	13.671	1922	1927	1930	rBV	4601401	4249413	72.74%	4.744%
59	13.807	1947	1950	1953	rVB	197435	204609	3.50%	0.228%
60	13.871	1959	1961	1965	rVB	280195	224575	3.84%	0.251%
61	13.919	1965	1969	1972	rVV3	200426	328490	5.62%	0.367%
62	13.948	1972	1974	1976	rVV	217113	157004	2.69%	0.175%
63	13.995	1976	1982	1991	rVB	4038741	4584042	78.47%	5.118%
64	14.136	2004	2006	2007	rBV2	90823	66676	1.14%	0.074%
65	14.171	2007	2012	2014	rVV2	1395380	1905503	32.62%	2.127%
66	14.201	2014	2017	2020	rVB	1100735	1081348	18.51%	1.207%
67	14.313	2032	2036	2040	rVB	3887452	3346306	57.28%	3.736%
68	14.395	2046	2050	2054	rBV2	122026	189213	3.24%	0.211%
69	14.507	2067	2069	2072	rVB2	228883	155461	2.66%	0.174%
70	14.536	2072	2074	2076	rBV2	174063	152178	2.60%	0.170%
71	14.595	2081	2084	2085	rBV2	168104	136019	2.33%	0.152%

LSC Area Percent Report

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Acq On : 18 Jul 2018 17:46
Operator : JU/SJ
Sample : J4016-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-L-12-7

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.618	2085	2088	2092	rVB	2843149	2643541	45.25%	2.951%
73	14.818	2120	2122	2126	rVB4	183846	155887	2.67%	0.174%
74	14.854	2126	2128	2131	rVB2	134774	120705	2.07%	0.135%
75	14.948	2139	2144	2149	rVB	2116874	2326581	39.83%	2.597%
76	15.165	2175	2181	2183	rBV5	148388	270023	4.62%	0.301%
77	15.254	2191	2196	2199	rBV	771842	1242285	21.27%	1.387%
78	15.307	2201	2205	2212	rVV	1536847	1979430	33.88%	2.210%
79	15.365	2213	2215	2218	rVB3	127534	119662	2.05%	0.134%
80	15.460	2229	2231	2235	rBV5	87327	120556	2.06%	0.135%
81	15.577	2248	2251	2258	rVB	464285	720695	12.34%	0.805%
82	15.648	2258	2263	2269	rVB	638241	862458	14.76%	0.963%
83	15.713	2269	2274	2278	rBV2	1464537	2115774	36.22%	2.362%
84	16.183	2349	2354	2359	rBV	587791	886289	15.17%	0.989%
85	16.730	2441	2447	2452	rVB4	353395	672383	11.51%	0.751%
86	17.289	2536	2542	2548	rBV4	235893	466330	7.98%	0.521%
87	17.365	2551	2555	2561	rVB5	208011	435317	7.45%	0.486%
88	17.454	2567	2570	2572	rBV4	62627	81950	1.40%	0.091%
89	17.548	2582	2586	2592	rVB9	100146	187980	3.22%	0.210%
90	17.765	2618	2623	2628	rBV2	153971	333095	5.70%	0.372%
91	17.824	2628	2633	2639	rVB6	208632	454142	7.77%	0.507%

Sum of corrected areas: 89571575

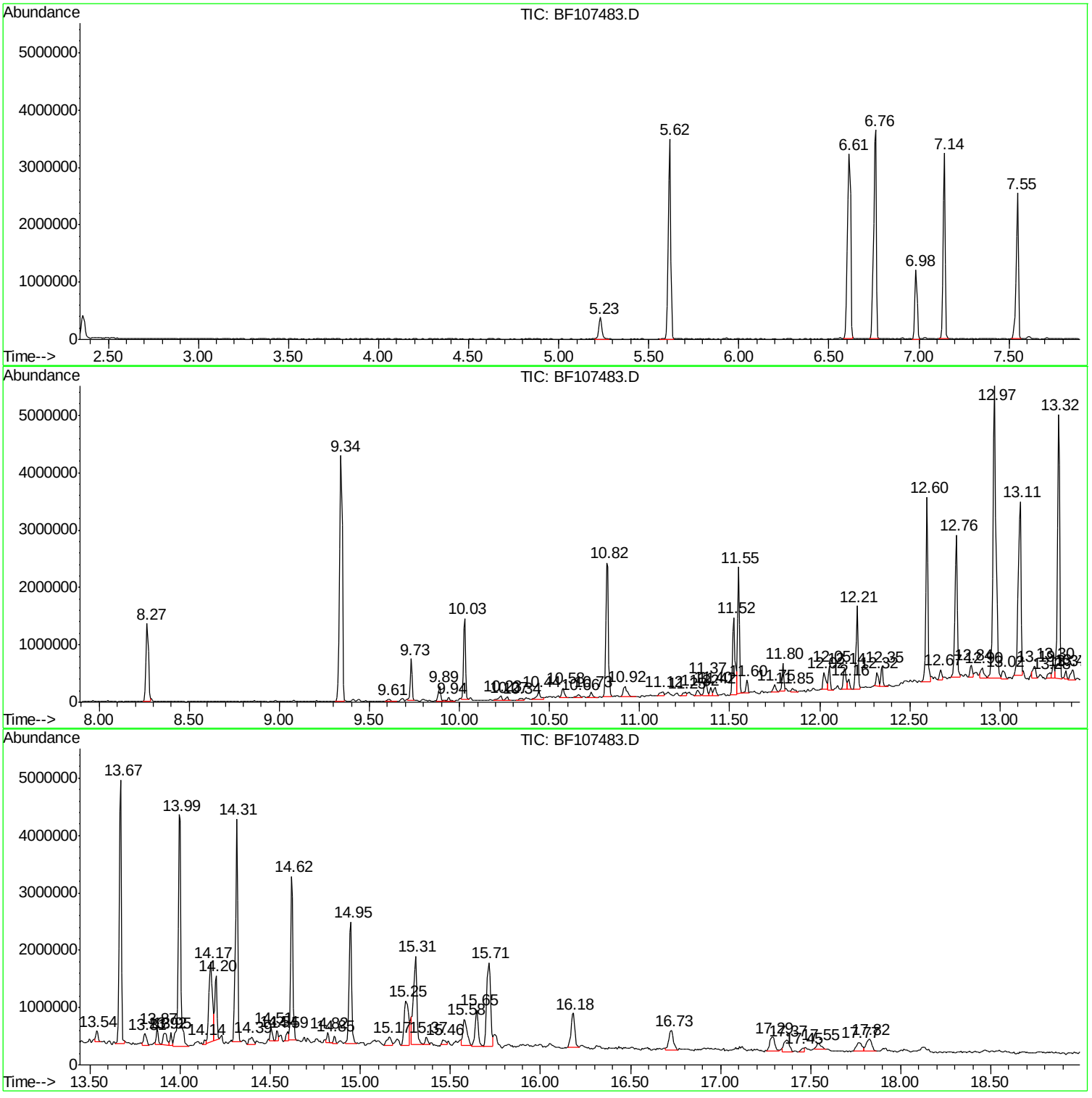
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107483.D
Acq On : 18 Jul 2018 17:46
Operator : JU/SJ
Sample : J4016-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-L-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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\BF071818\
Data File : BF107483.D
Acq On : 18 Jul 2018 17:46
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

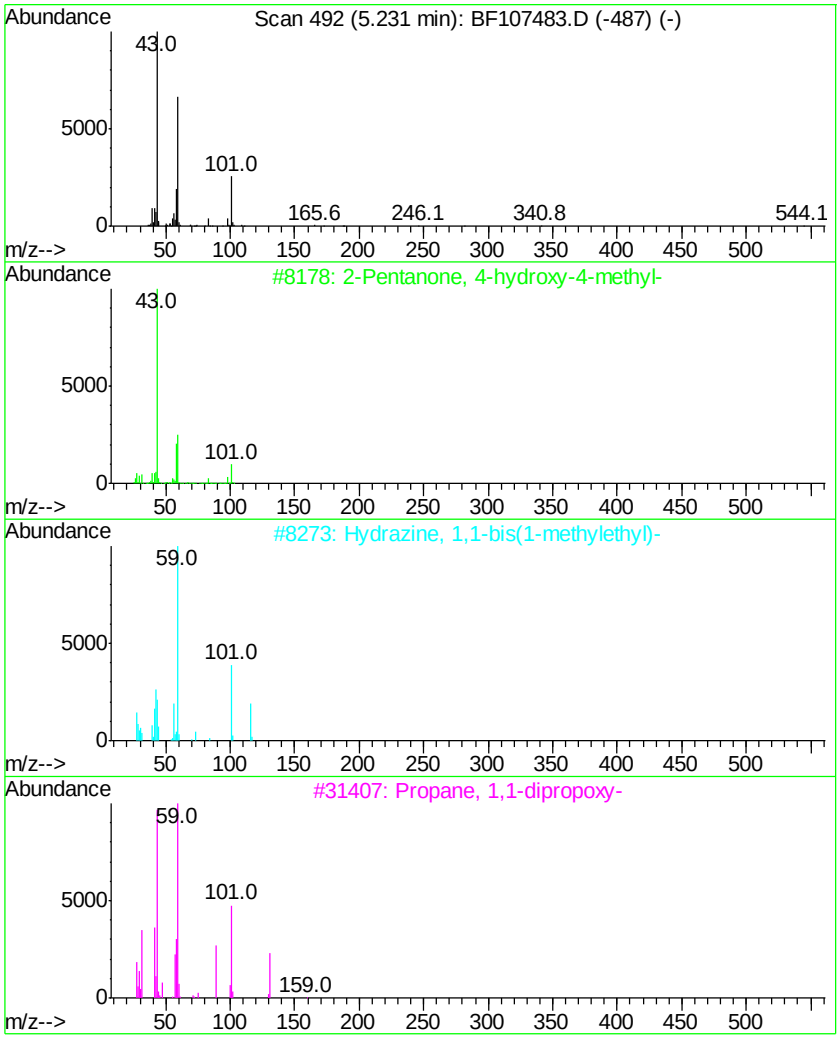
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

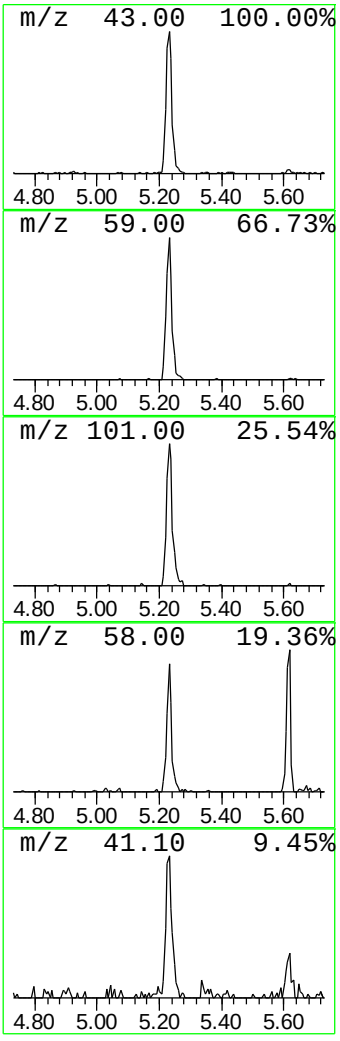
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	10.34 ng	501481	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	43
3	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107483.D
Acq On : 18 Jul 2018 17:46
Operator : JU/SJ
Sample : J4016-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-L-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

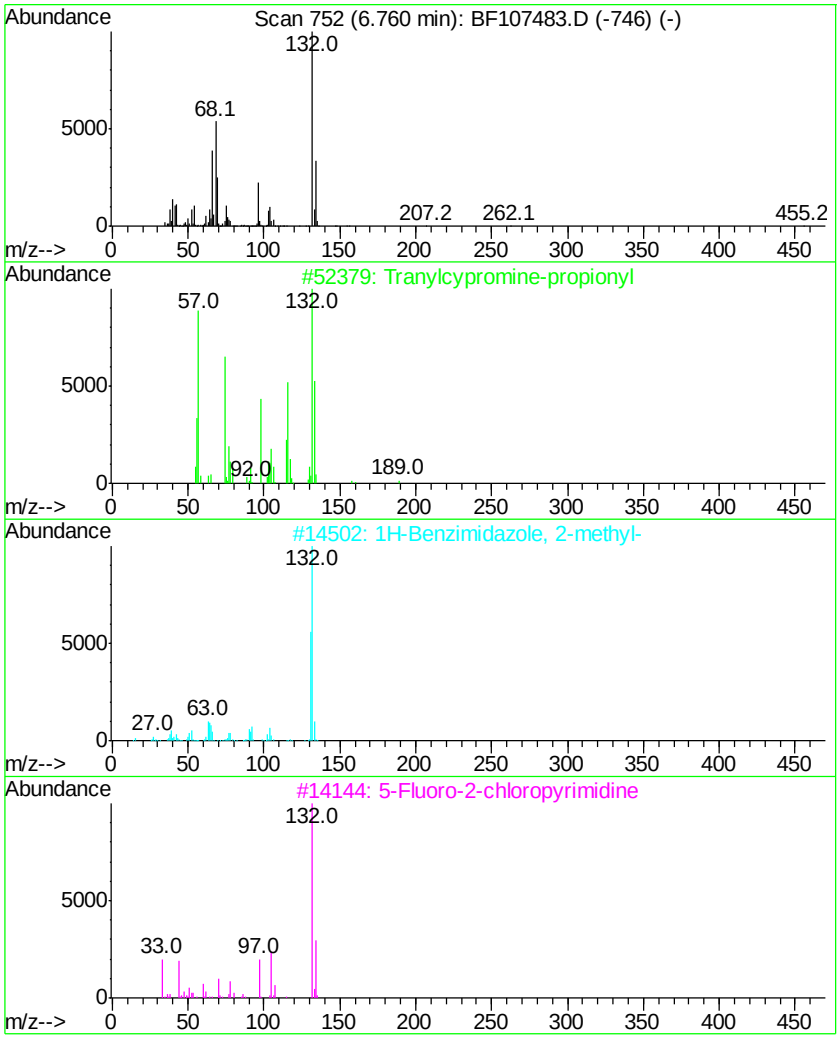
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

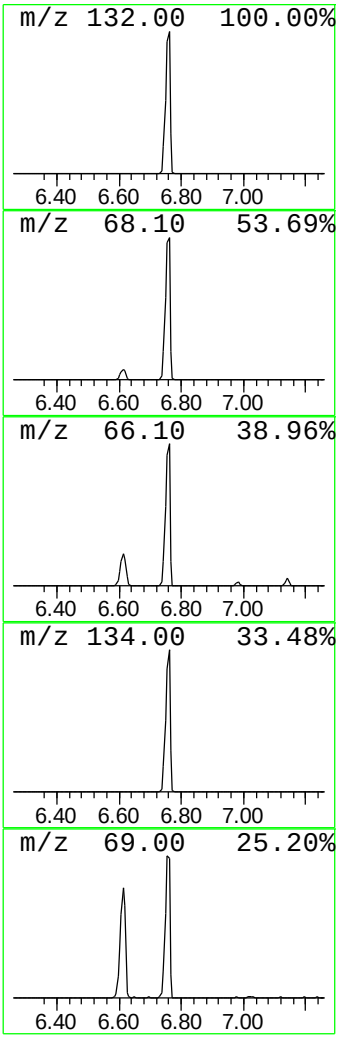
****

Peak Number 2 unknown6.76 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	78.08 ng	3786380	1,4-Dichlorobenzene-d4	6.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
4	1,1-Difluoro-3-methyl-1-silacycl...	134	C5H8F2Si	054077-66-6	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





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Instrument : BNA_F
ClientSampleId : SB2-L-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

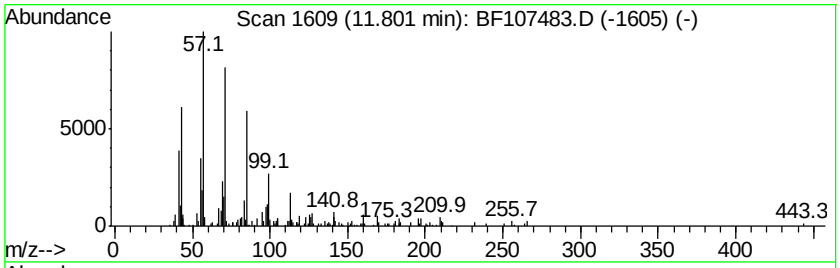
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

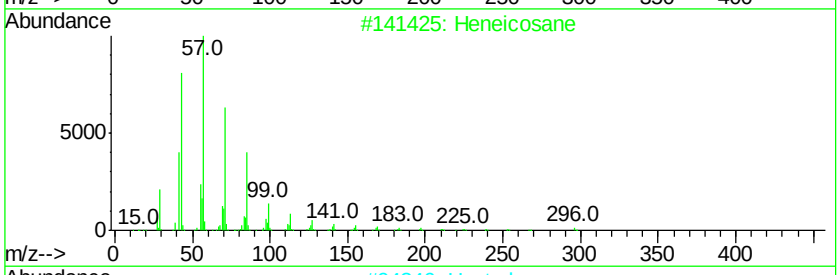
****

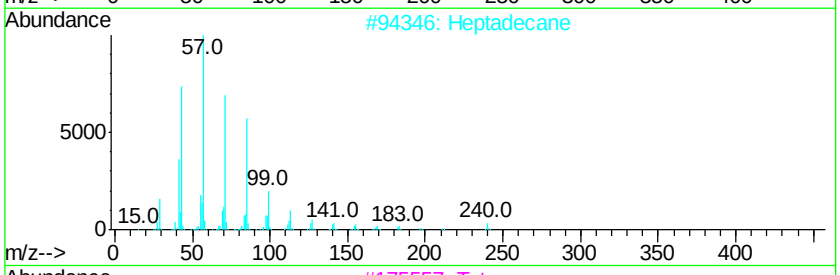
Peak Number 4 Heptadecane Concentration Rank 16

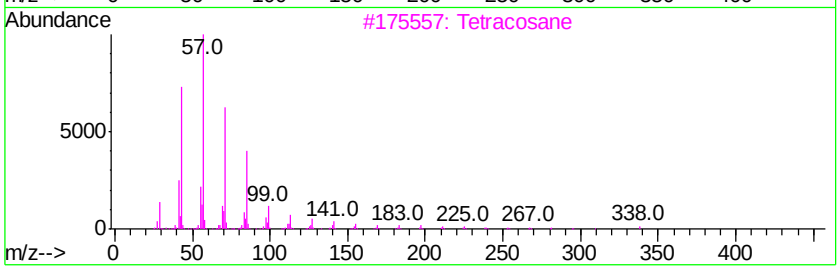
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	5.44 ng	369143	Phenanthrene-d10	11.52

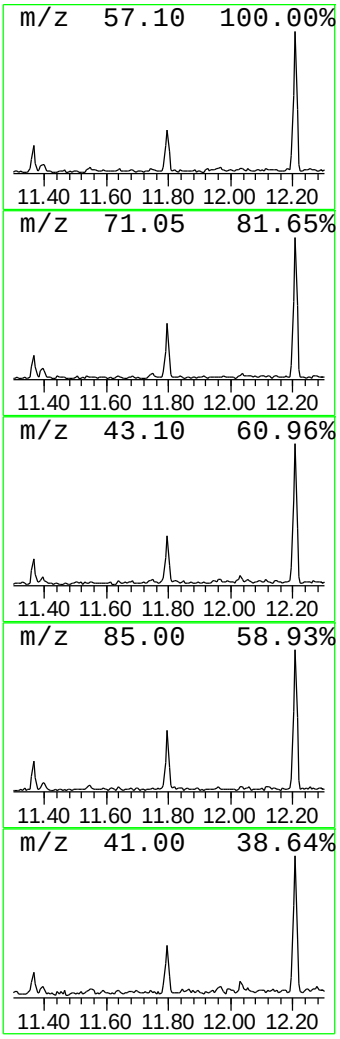
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	80
2	Heptadecane	240	C17H36	000629-78-7	80
3	Tetracosane	338	C24H50	000646-31-1	74
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
5	Octacosane	394	C28H58	000630-02-4	72











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Sample : J4016-05
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Instrument : BNA_F
ClientSampleId : SB2-L-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

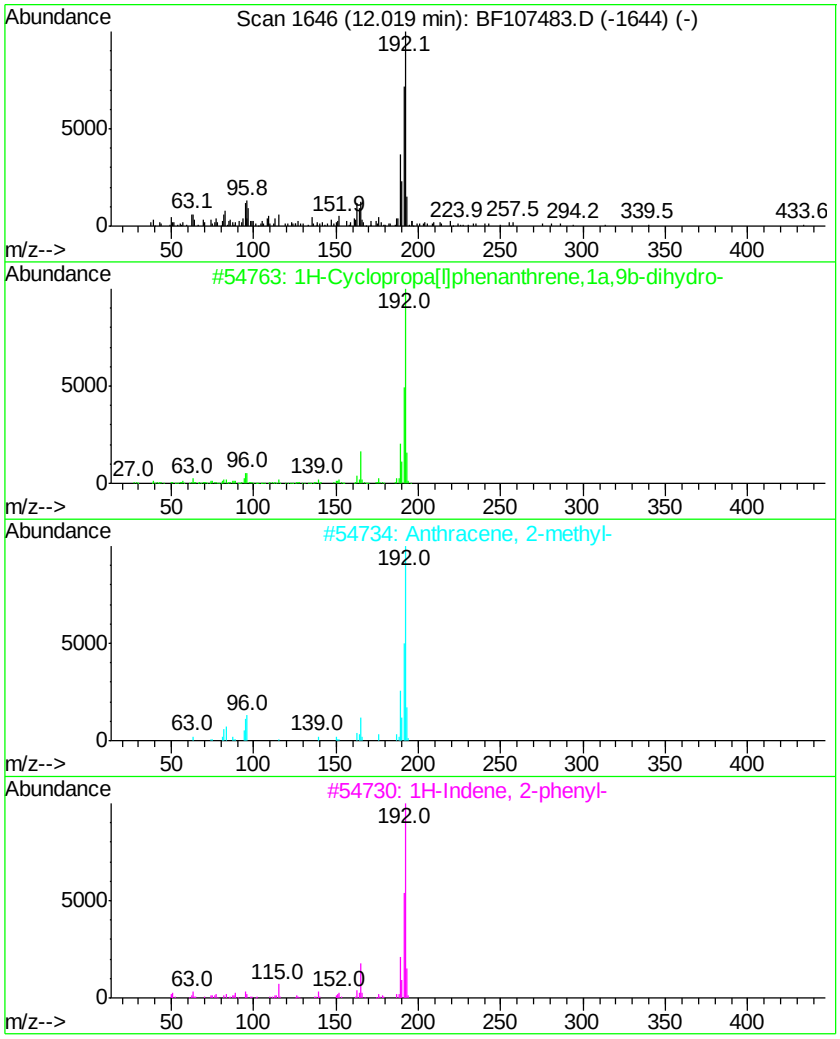
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

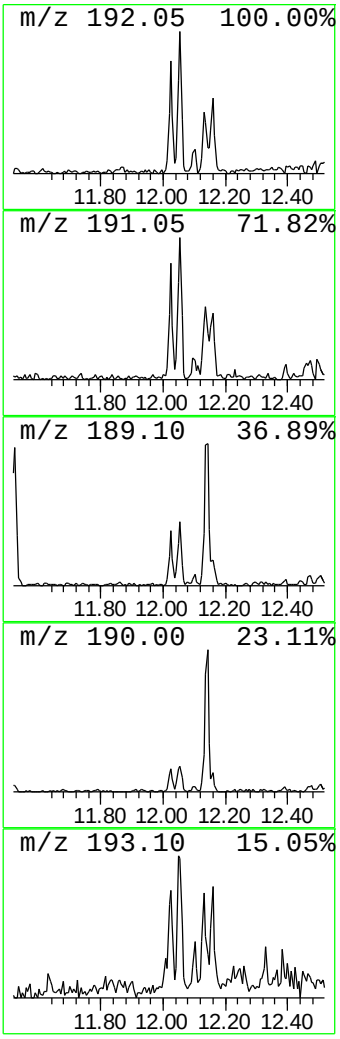
****

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	4.83 ng	327694	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74





Library Search Compound Report

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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

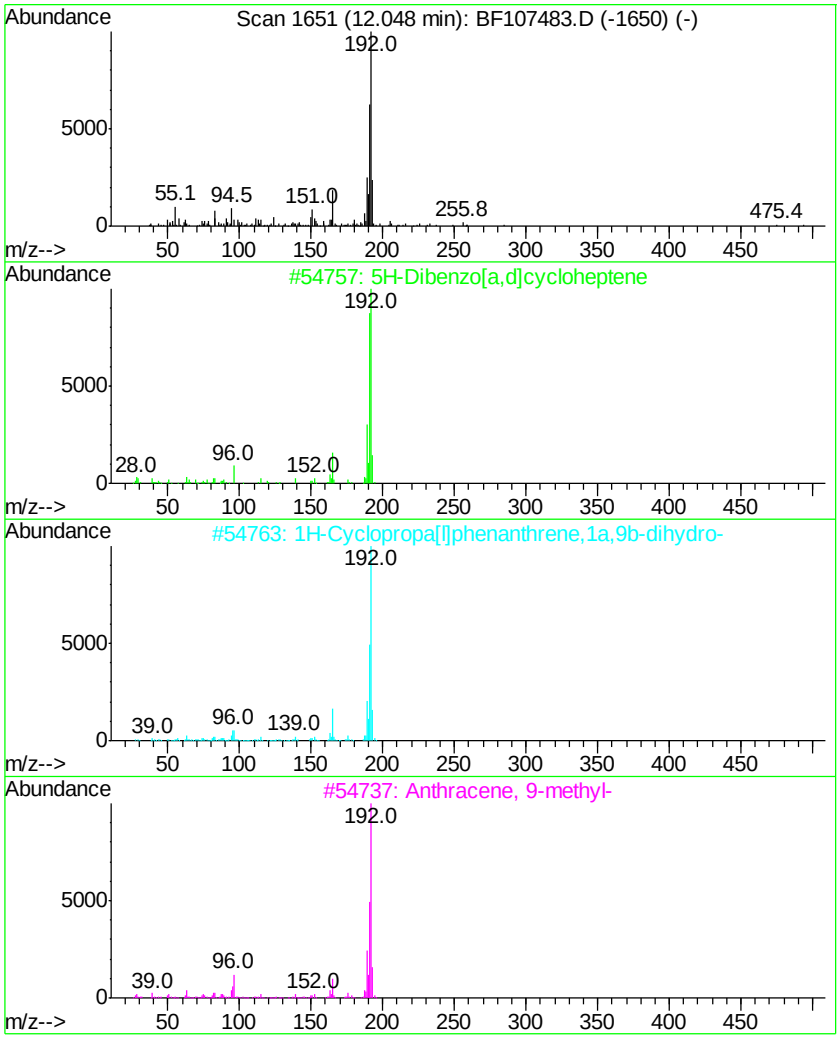
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

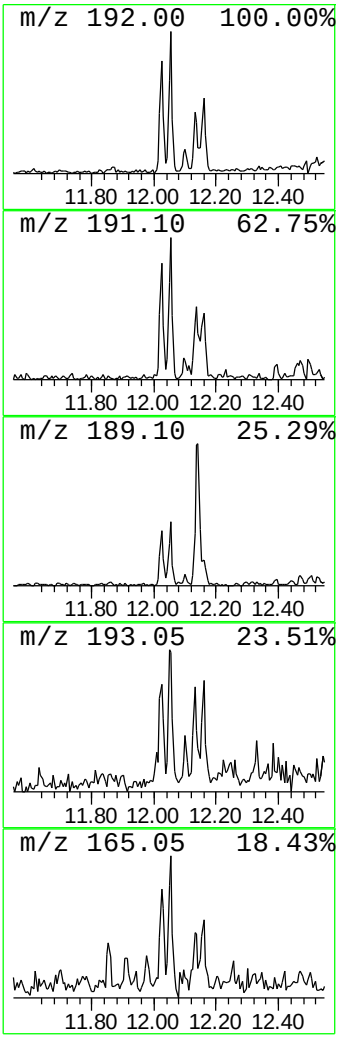
****

Peak Number 6 5H-Dibenzo[a,d]cycloheptene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	4.61 ng	312926	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81





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Acq On : 18 Jul 2018 17:46
Operator : JU/SJ
Sample : J4016-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-L-12-7

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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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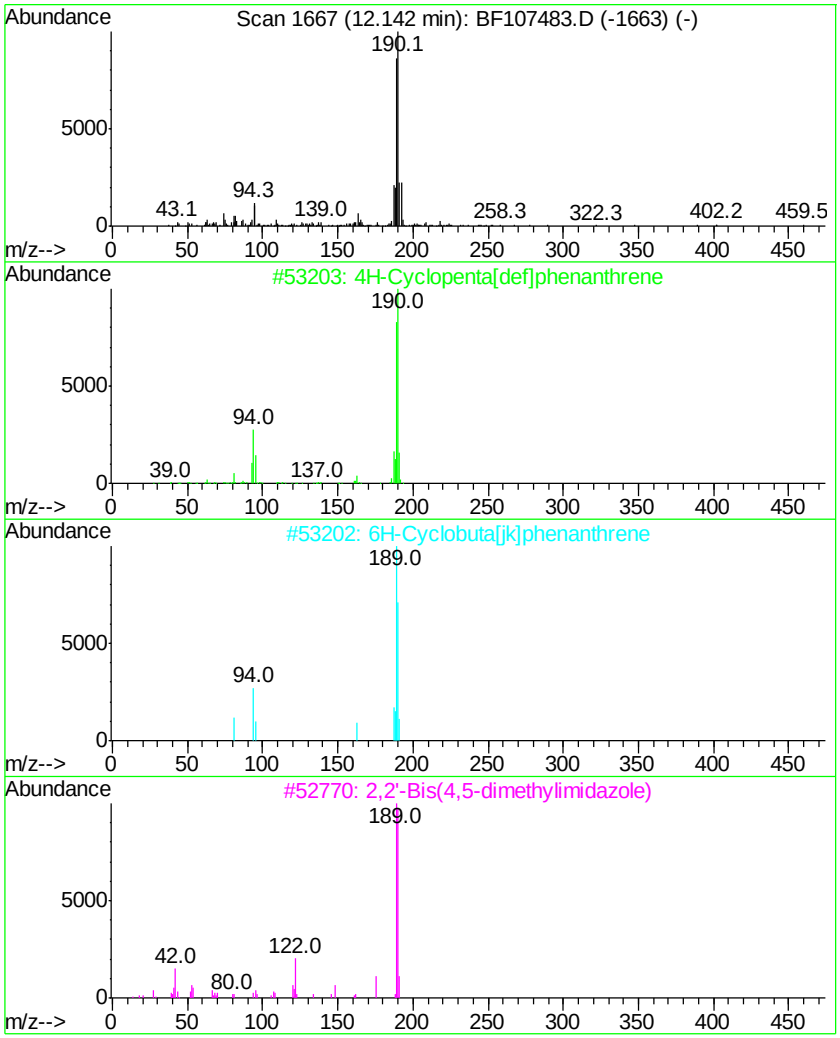
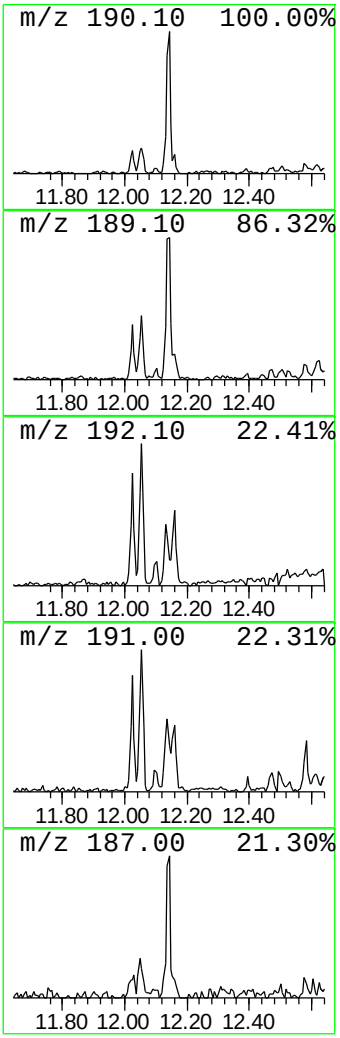
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	6.39 ng	433584	Phenanthrene-d10	11.52

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	53
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
4	Carbonic acid, 2-formyl-4,6-dich...	276	C11H10Cl2O4	1000331-39-3	32
5	8H-Imidazo[4,5-E]-2,1,3-benzothi...	190	C8H6N4S	129485-68-3	25





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Operator : JU/SJ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId : SB2-L-12-7

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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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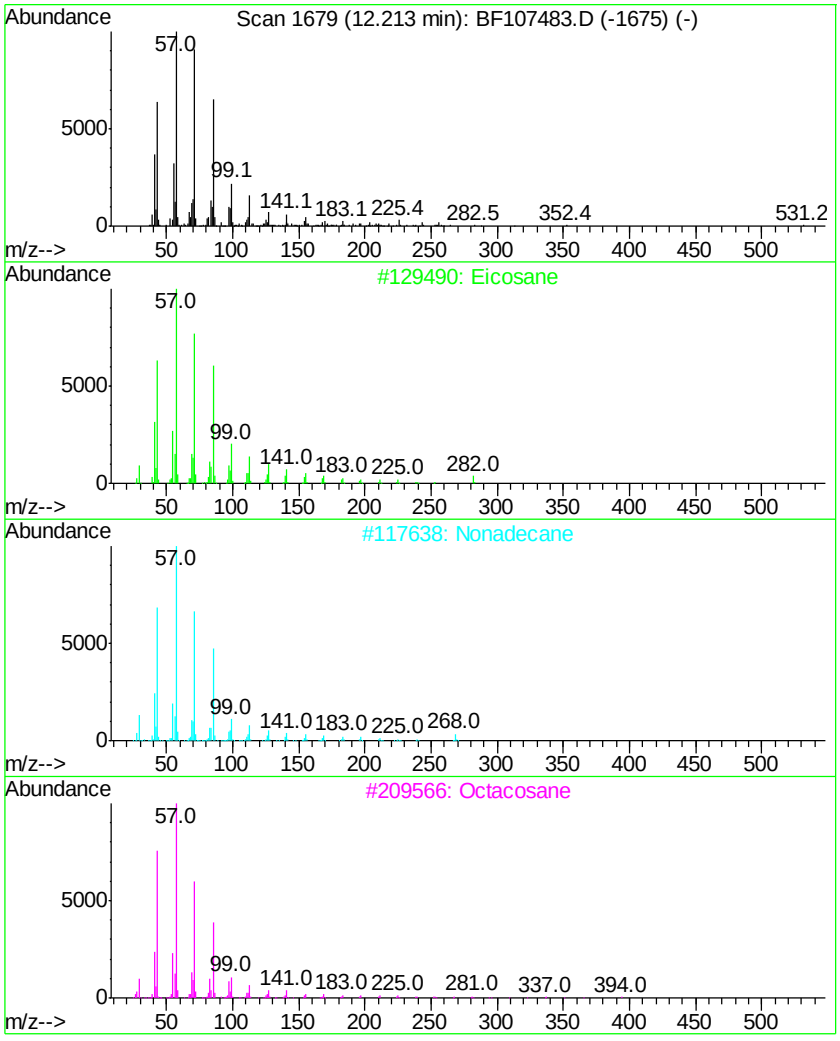
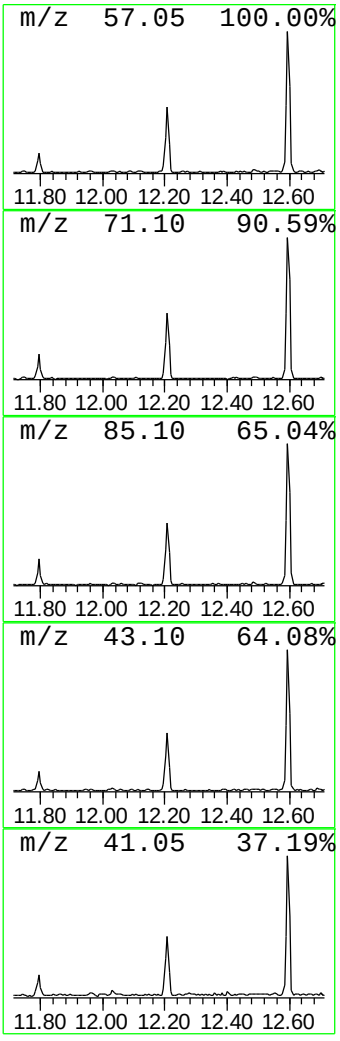
Peak Number 8 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	17.20 ng	1166910	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5	Pentadecane	212	C15H32	000629-62-9	90





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Sample : J4016-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-L-12-7

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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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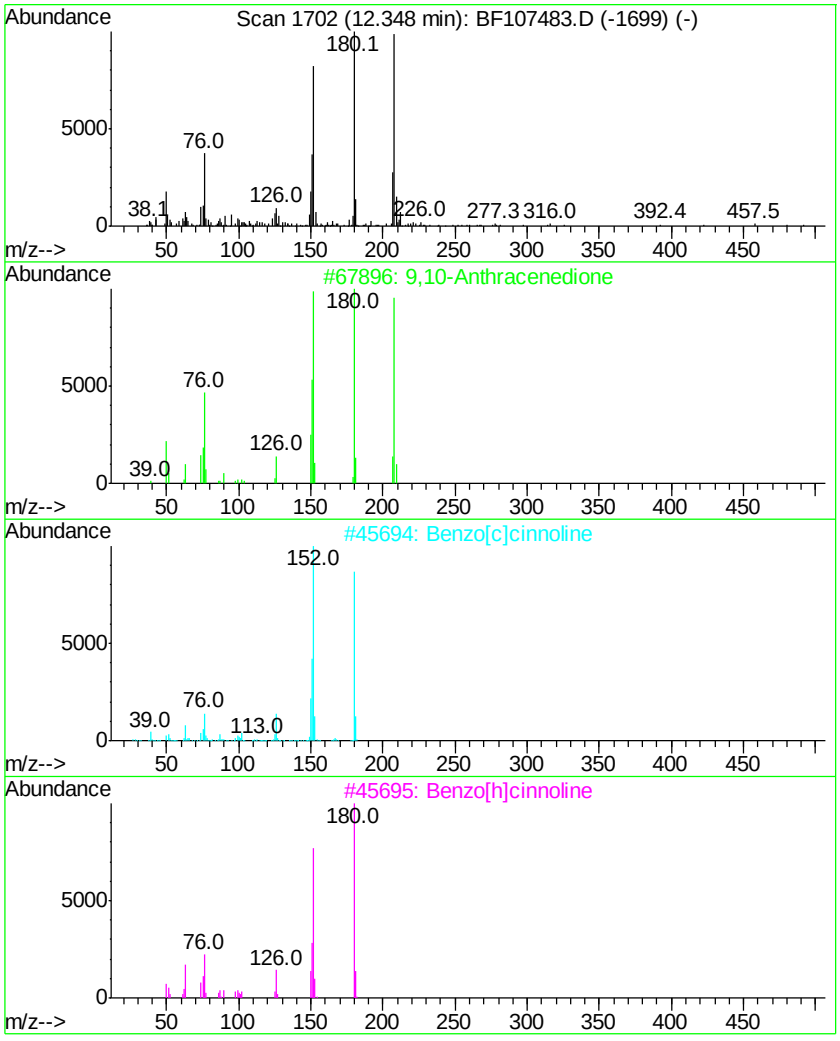
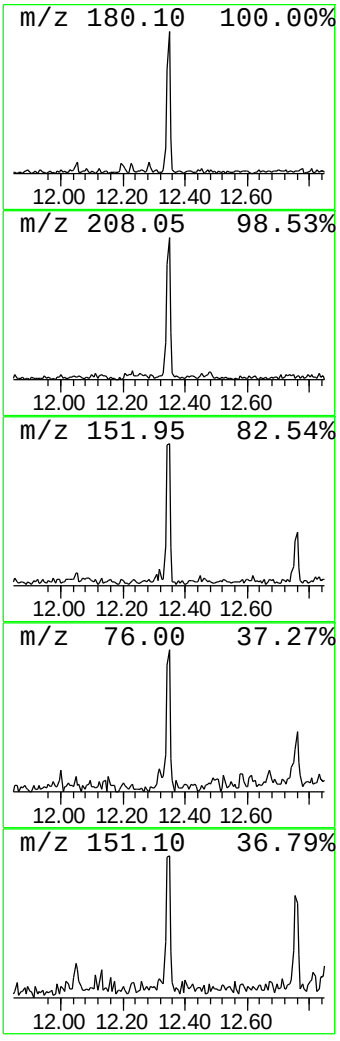
Peak Number 9 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	4.62 ng	313292	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-L-12-7

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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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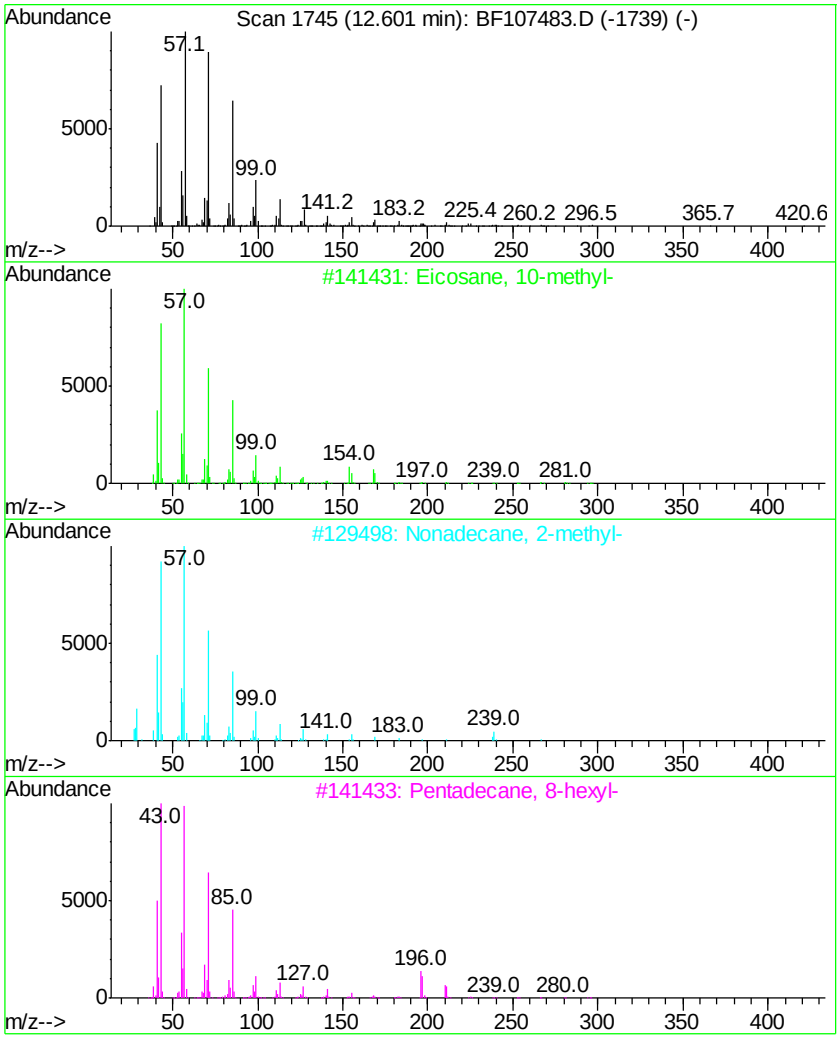
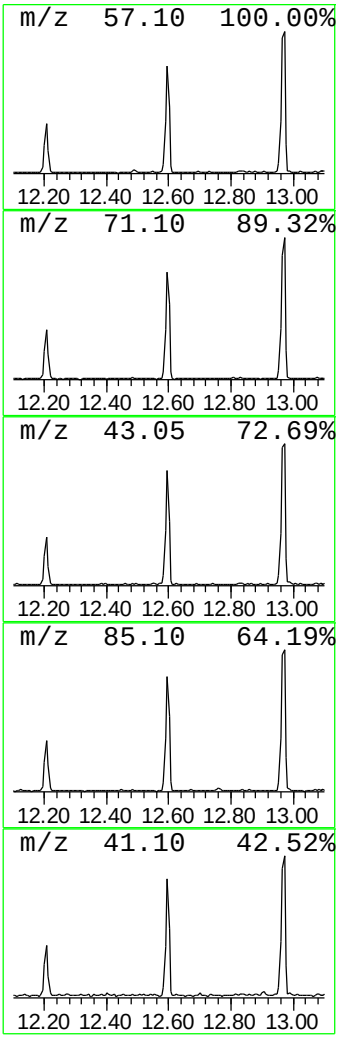
Peak Number 10 Nonadecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	40.59 ng	2753460	Phenanthrene-d10	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90
5	Heptadecane	240	C17H36	000629-78-7	90





Library Search Compound Report

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Sample : J4016-05
Misc :
ALS Vial : 21 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

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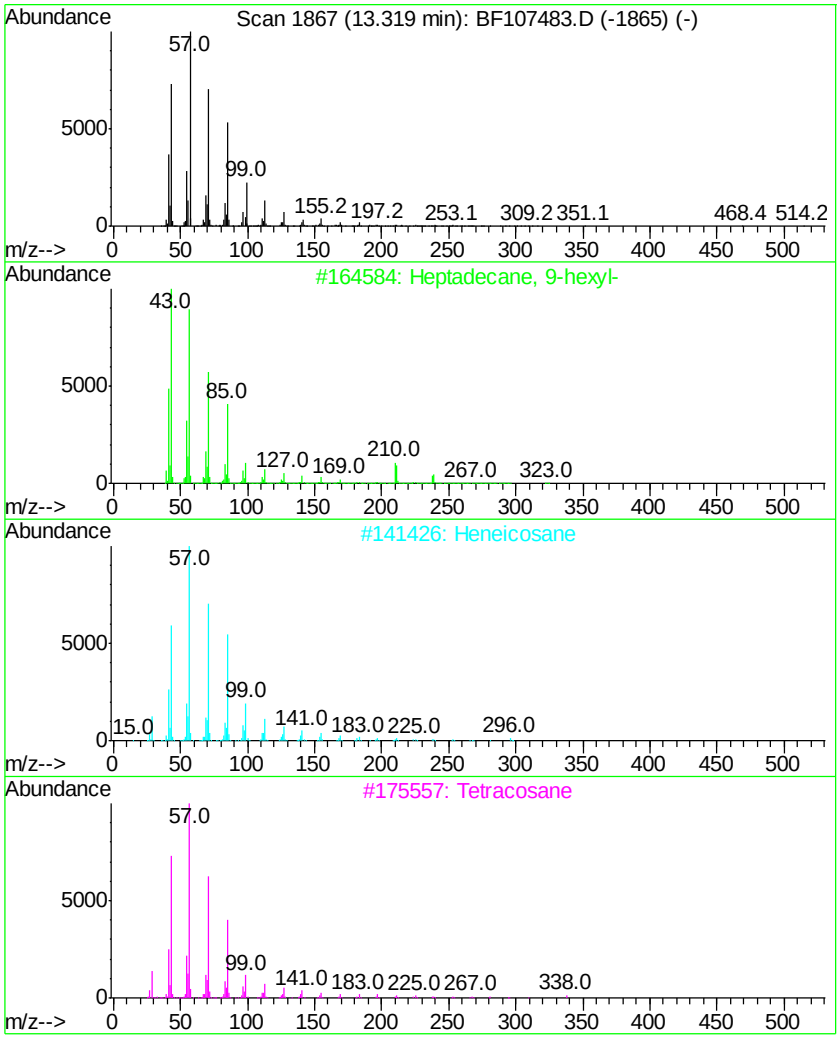
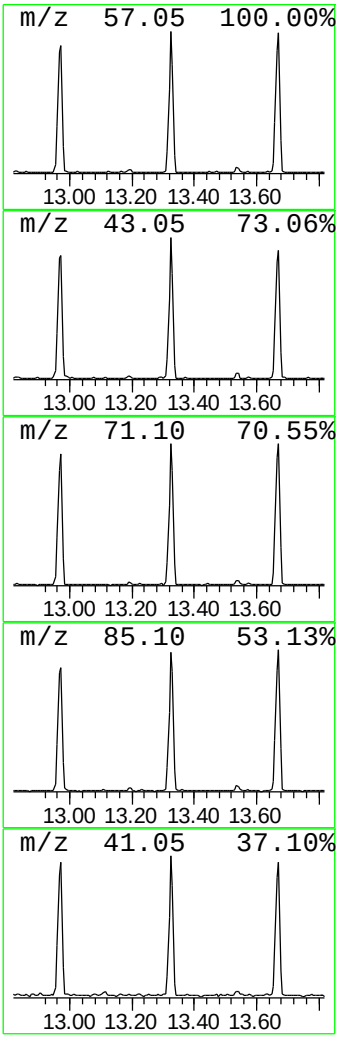
Peak Number 11 Heptadecane, 9-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	45.59 ng	4343820	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Heptadecane	240	C17H36	000629-78-7	86





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Sample : J4016-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId : SB2-L-12-7

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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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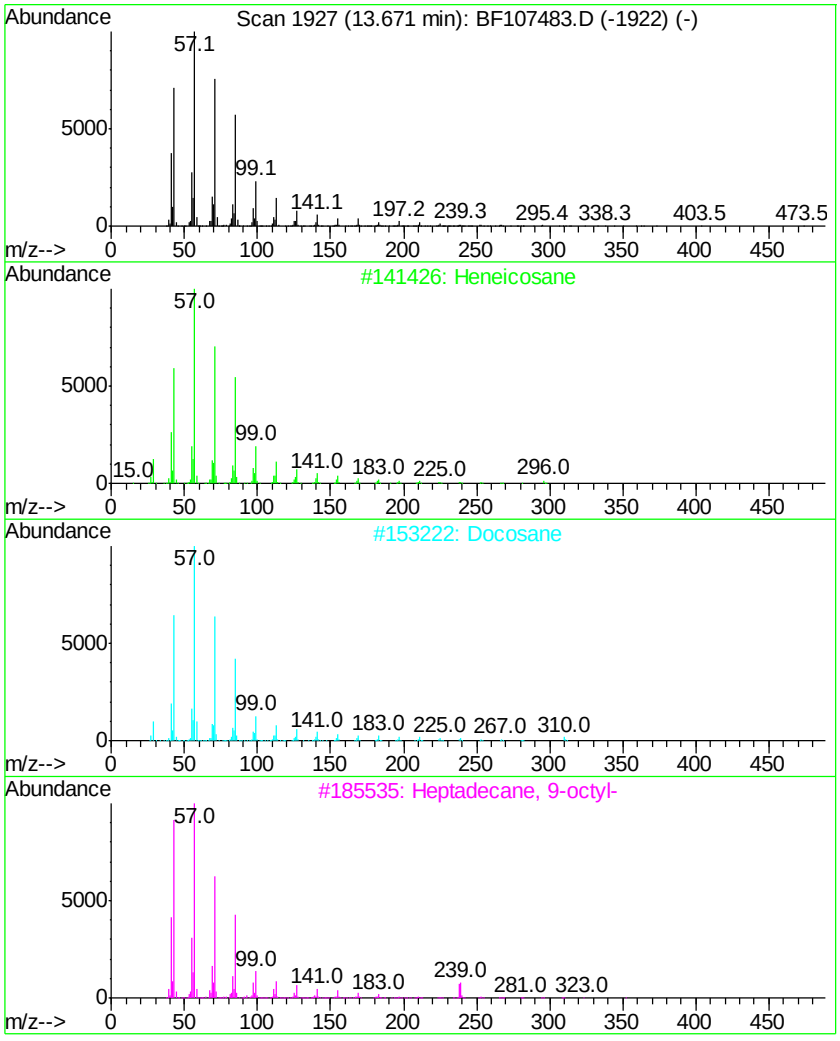
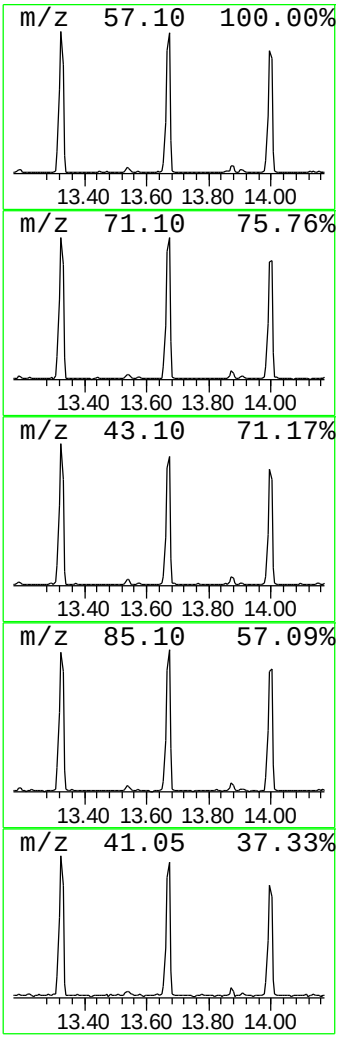
Peak Number 12 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	44.60 ng	4249410	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Docosane	310	C22H46	000629-97-0	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexacosane	366	C26H54	000630-01-3	90





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ClientSampleId : SB2-L-12-7

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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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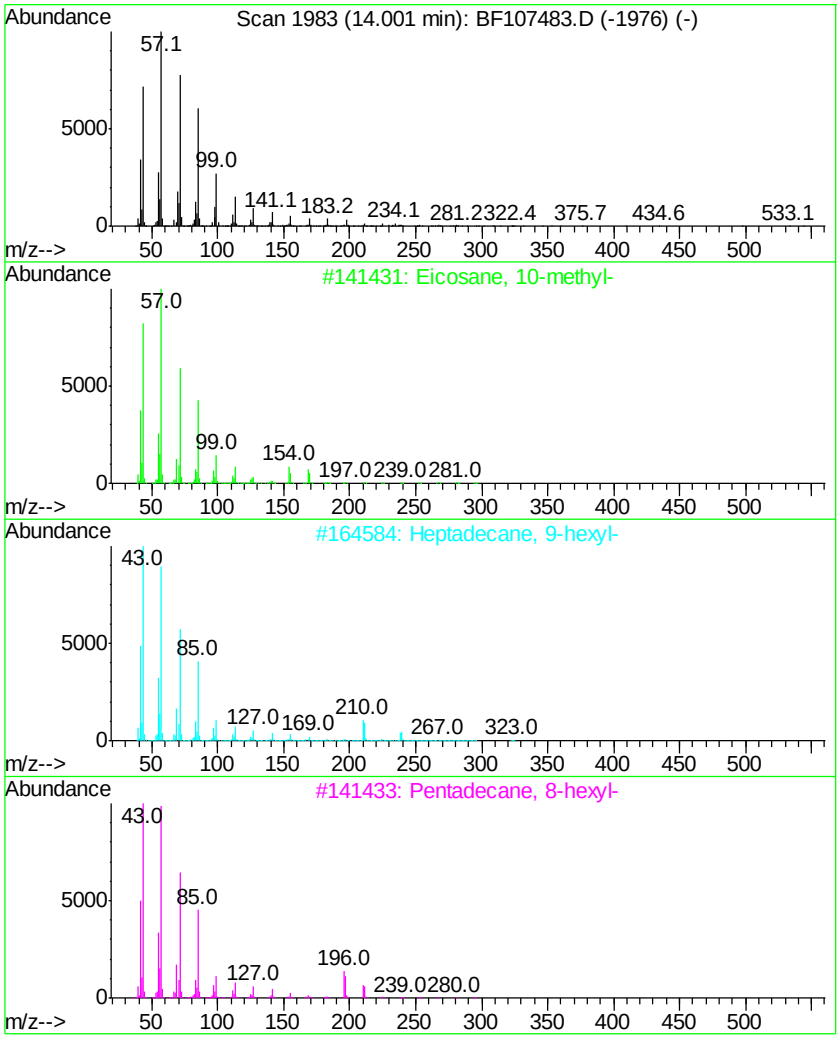
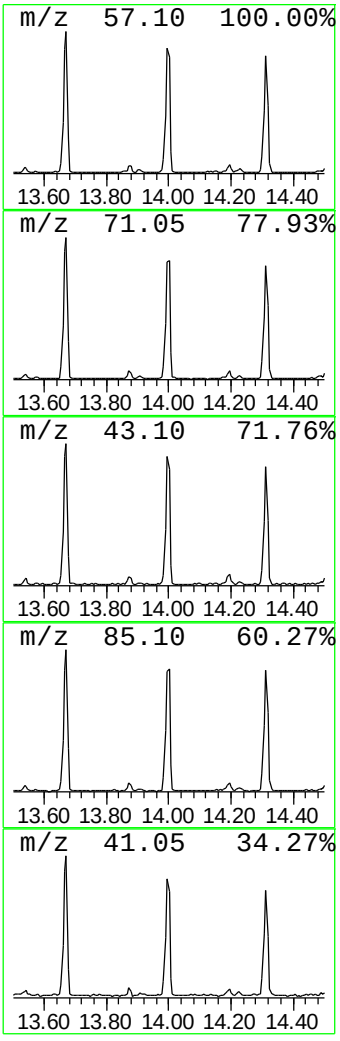
Peak Number 13 Eicosane, 10-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	48.11 ng	4584040	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





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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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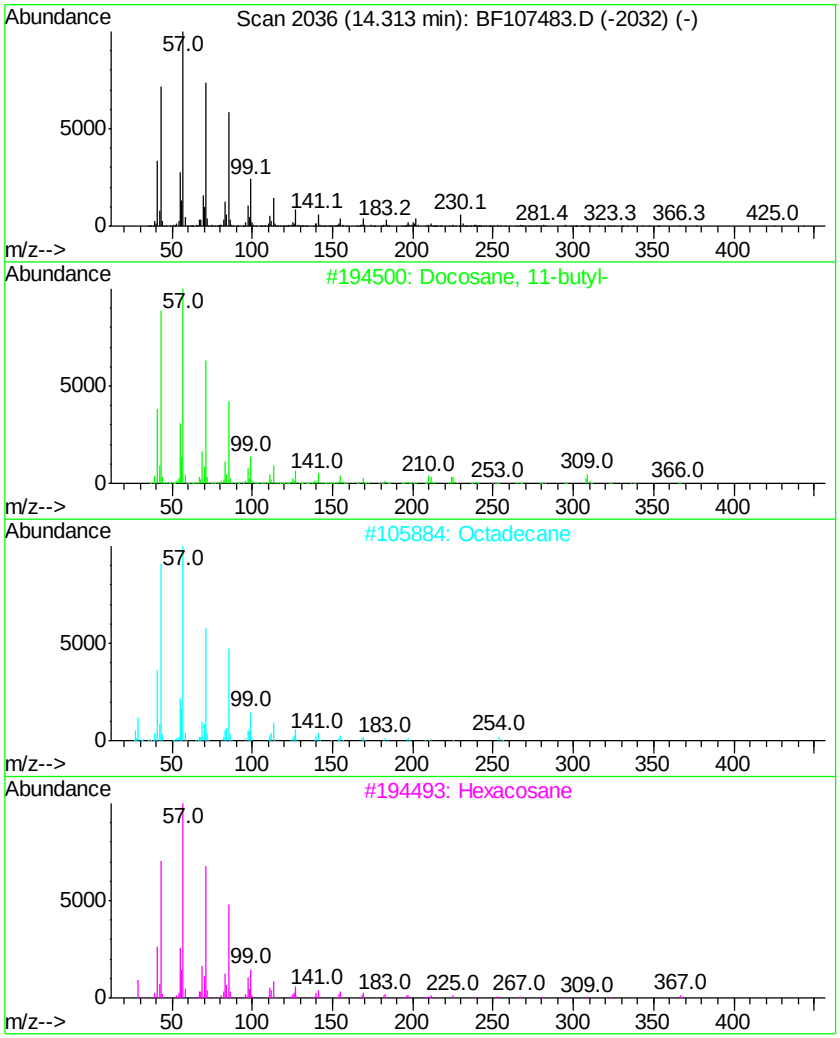
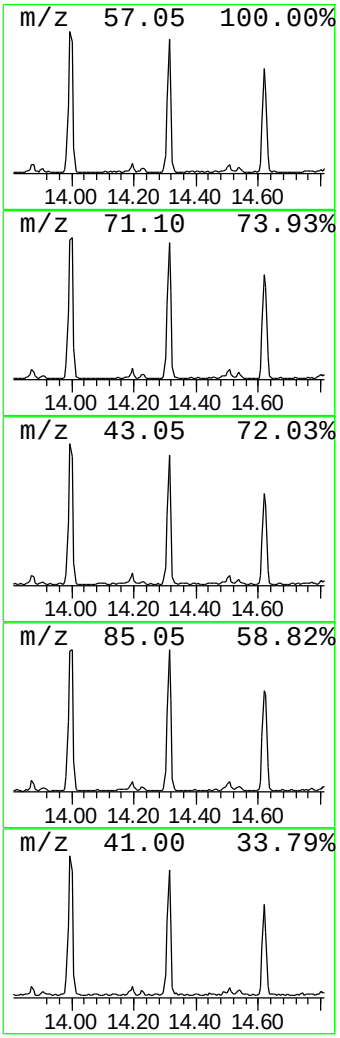
Peak Number 14 Docosane, 11-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	35.12 ng	3346310	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
2	Octadecane	254	C18H38	000593-45-3	93
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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Misc :
ALS Vial : 21 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

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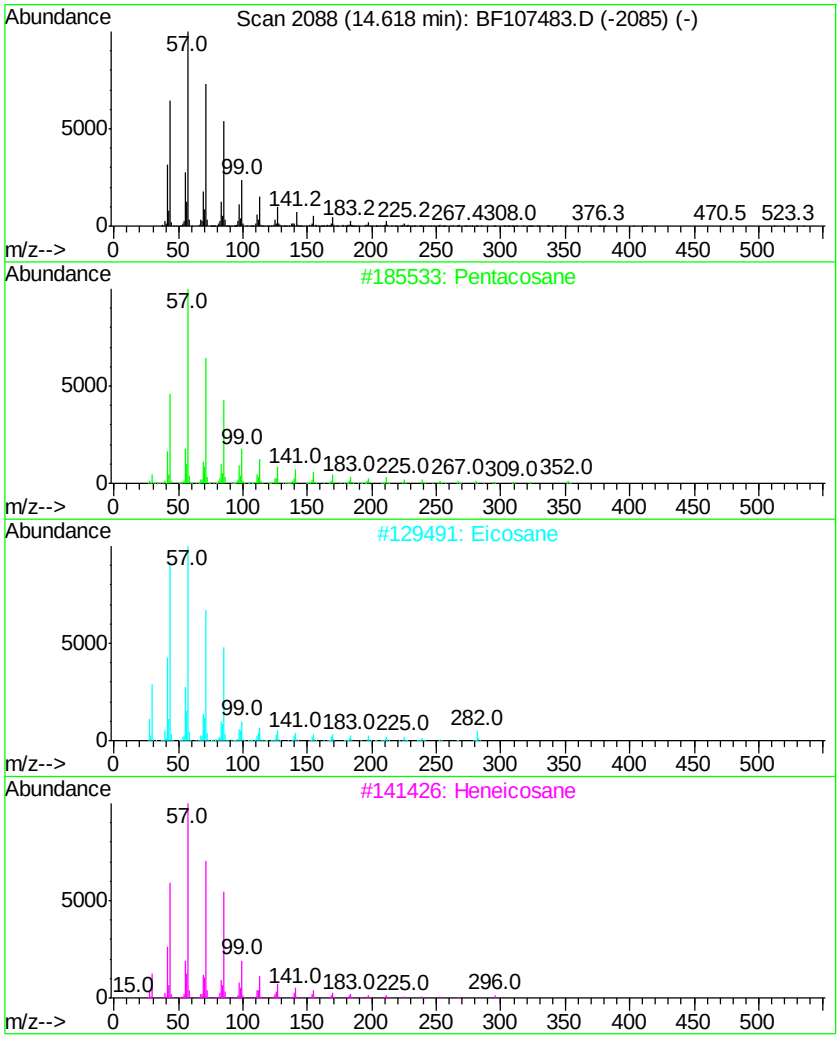
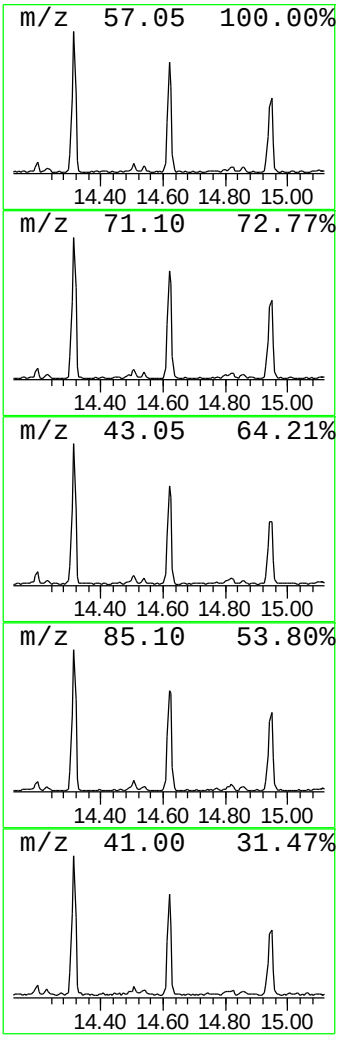
Peak Number 15 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	27.75 ng	2643540	Chrysene-d12	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90





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Misc :
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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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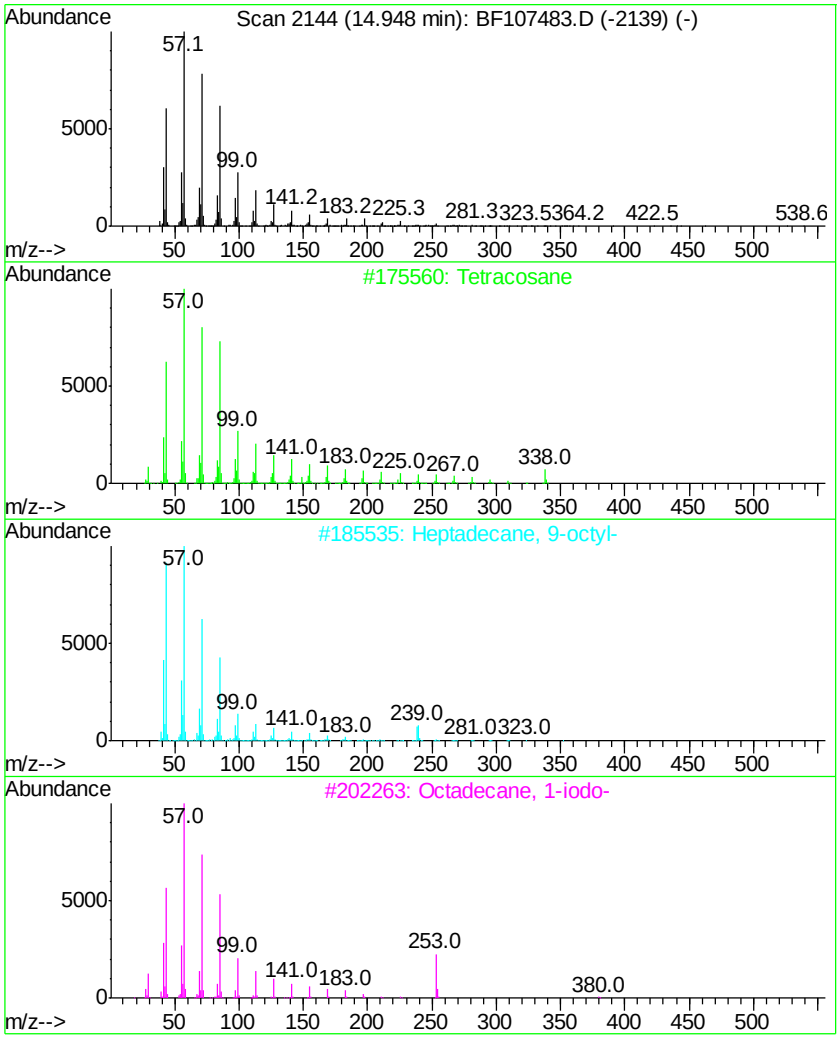
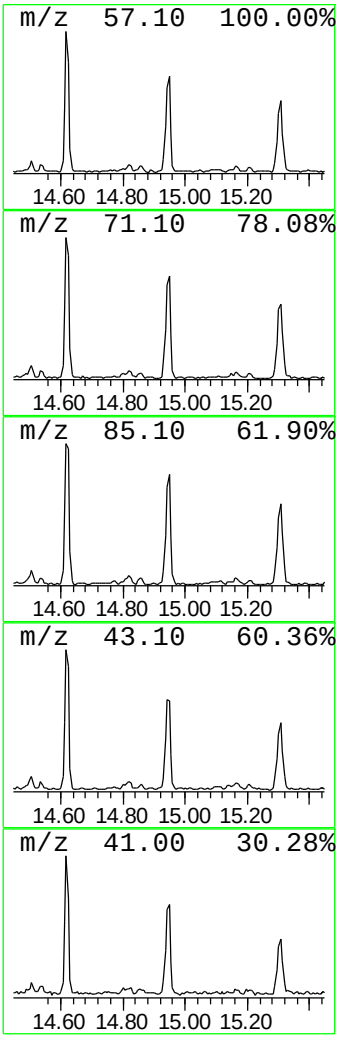
Peak Number 16 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	21.99 ng	2326580	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5	Octadecane	254	C18H38	000593-45-3	90





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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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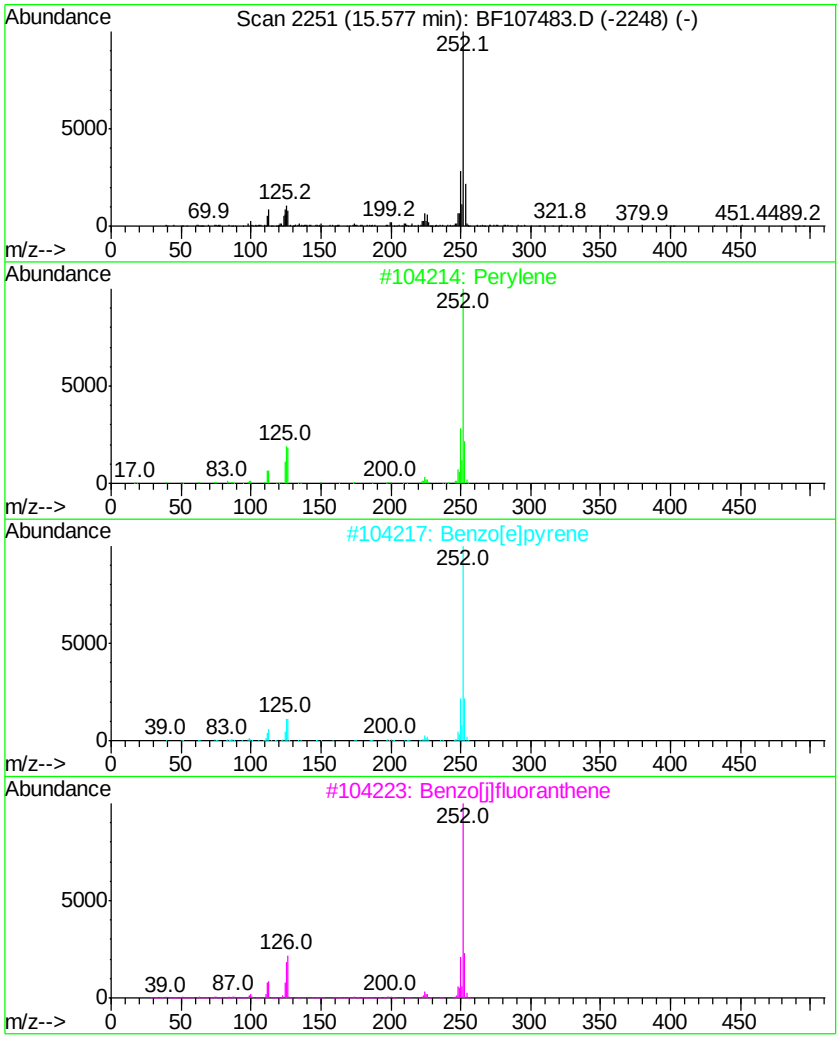
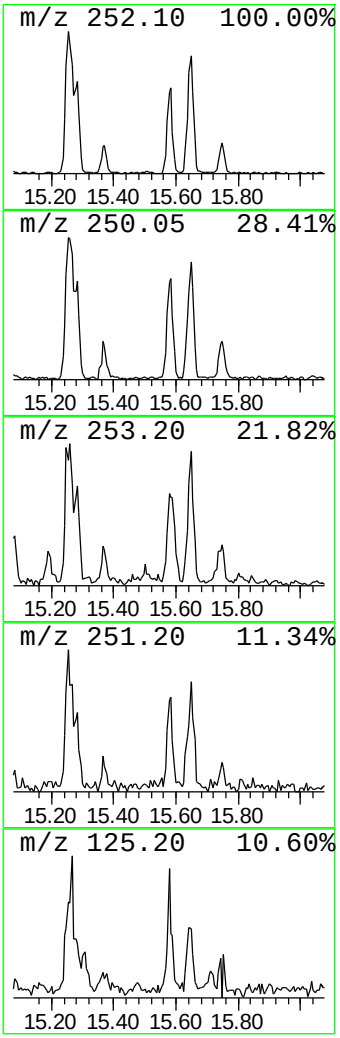
Peak Number 17 Perylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	6.81 ng	720695	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





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Sample : J4016-05
Misc :
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ClientSampleId : SB2-L-12-7

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

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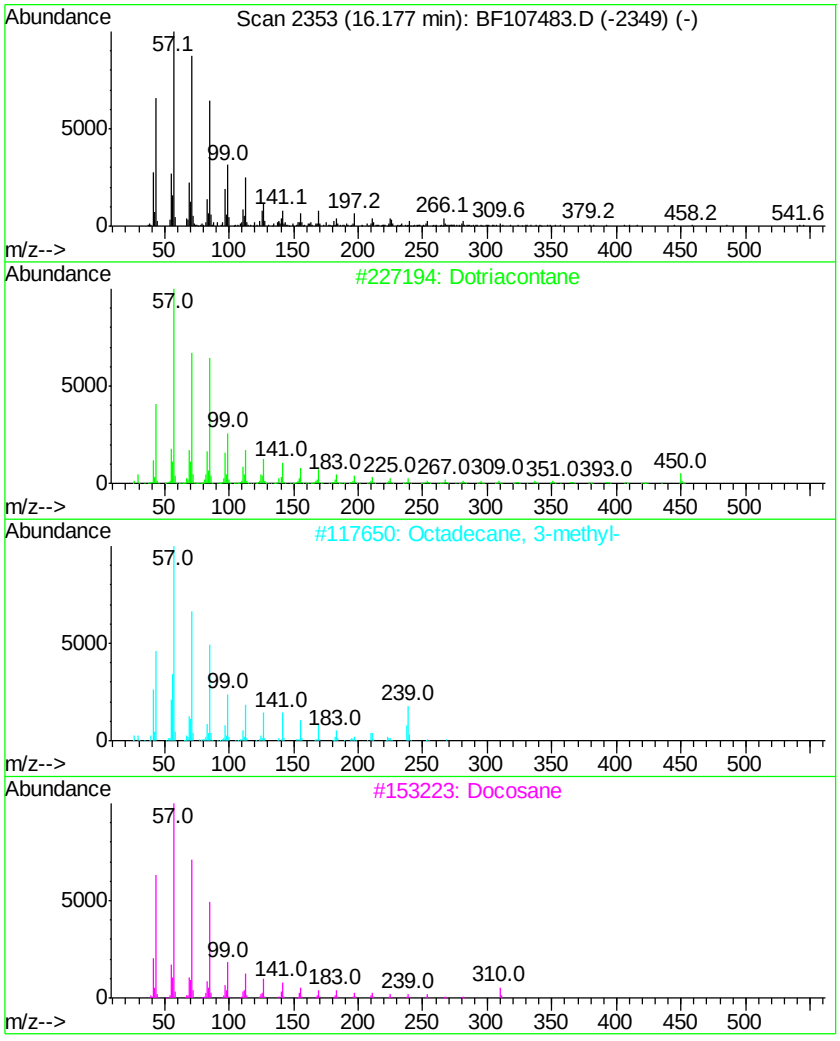
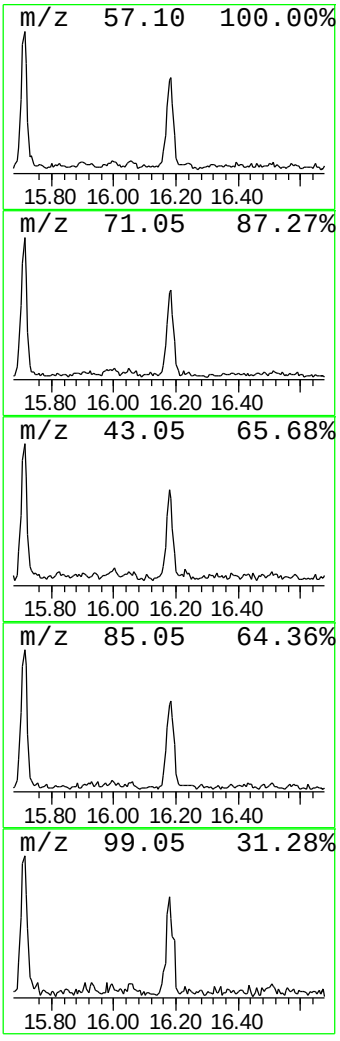
Peak Number 18 Dotriacontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	8.38 ng	886289	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane	451	C32H66	000544-85-4	91
2	Octadecane, 3-methyl-	268	C19H40	006561-44-0	90
3	Docosane	310	C22H46	000629-97-0	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Nonadecane, 2,3-dimethyl-	296	C21H44	075163-99-4	87





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Acq On : 18 Jul 2018 17:46
Operator : JU/SJ
Sample : J4016-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-L-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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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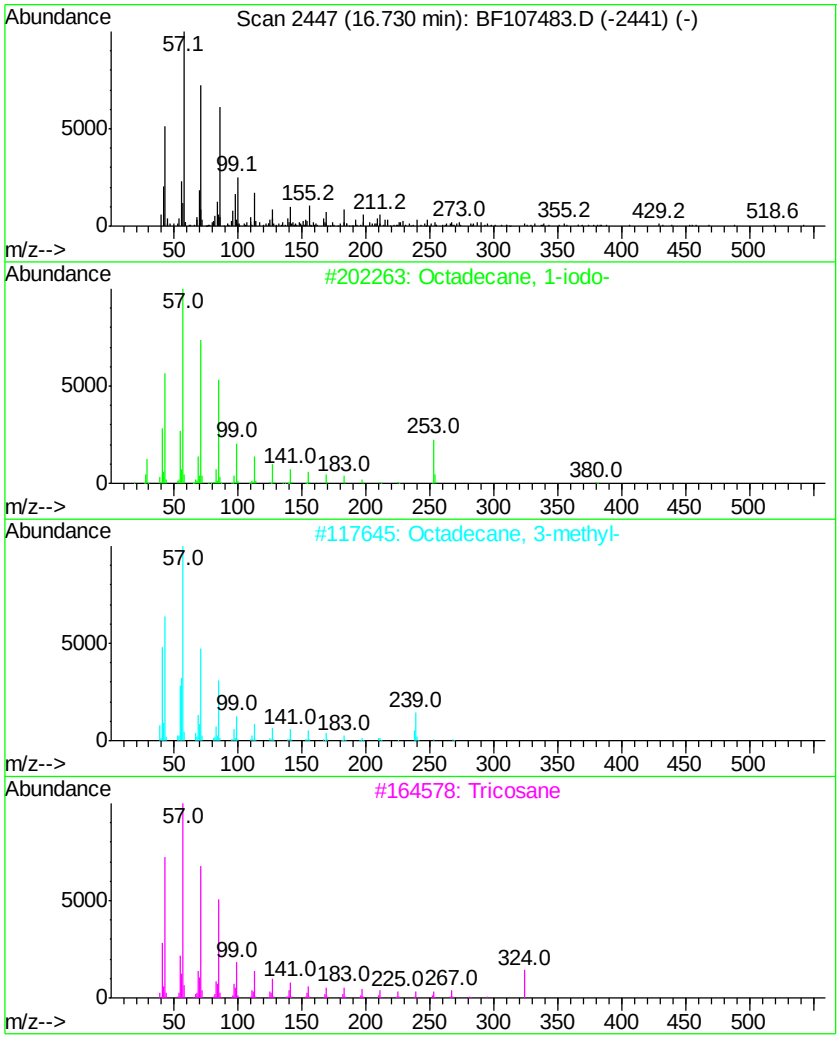
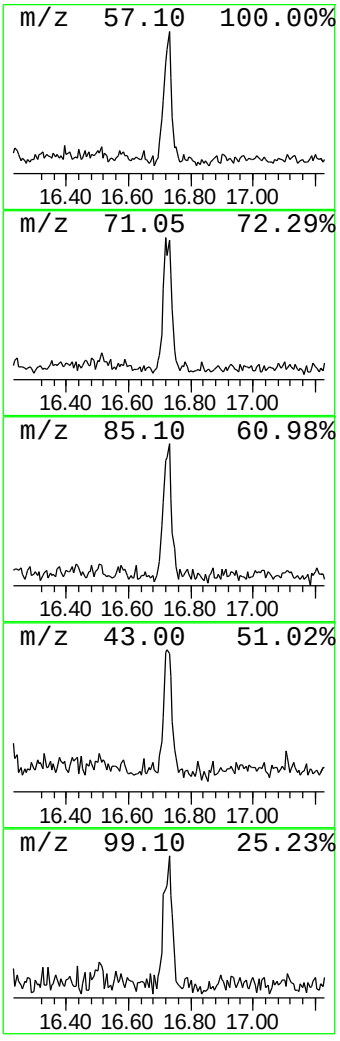
Peak Number 19 Octadecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	6.36 ng	672383	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
2	Octadecane, 3-methyl-	268	C19H40	006561-44-0	87
3	Tricosane	324	C23H48	000638-67-5	87
4	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	81
5	Tetracosane	338	C24H50	000646-31-1	80





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Acq On : 18 Jul 2018 17:46
Operator : JU/SJ
Sample : J4016-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-L-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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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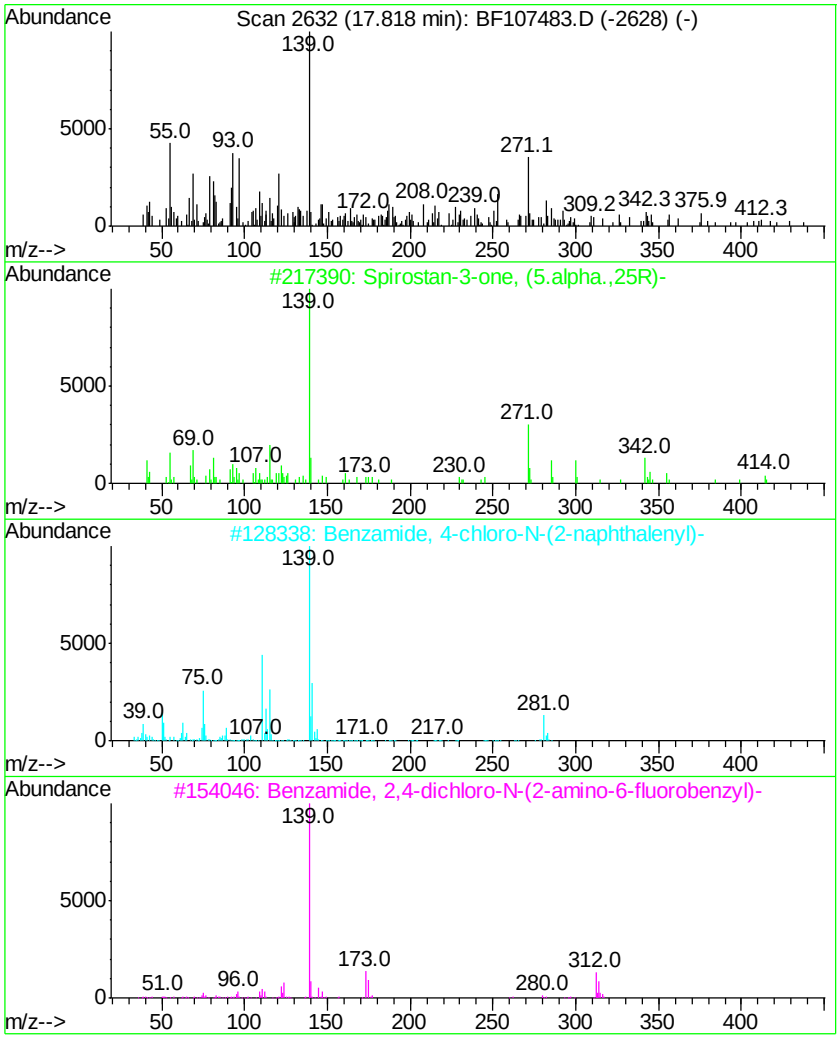
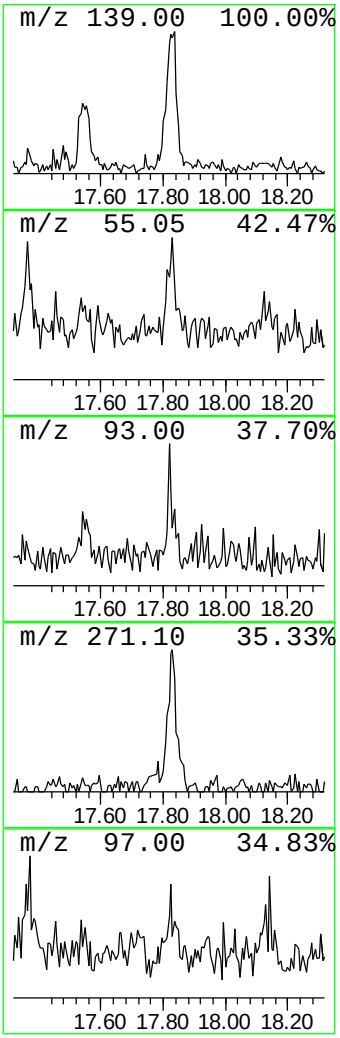
Peak Number 20 Spirostan-3-one, (5.alpha.,... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	4.29 ng	454142	Perylene-d12	15.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Spirostan-3-one, (5.alpha.,25R)-	414	C27H42O3	000470-07-5	62
2	Benzamide, 4-chloro-N-(2-naphtha...	281	C17H12ClNO	073190-69-9	38
3	Benzamide, 2,4-dichloro-N-(2-ami...	312	C14H11Cl2FN2O	1000263-29-0	38
4	2-Chlorobenzoic acid, 2-isopropo...	290	C16H15ClO3	1000293-76-5	30
5	4-Ethyl-trans-3-oxabicyclo[4,4,0...	168	C11H20O	1000215-94-5	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071818\
Data File : BF107483.D
Acq On : 18 Jul 2018 17:46
Operator : JU/SJ
Sample : J4016-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2-L-12-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.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
2-Pentanone, 4-hy...	5.23	10.3	ng	501481	1	6.98	969855	20.0
unknown6.76	6.76	78.1	ng	3786380	1	6.98	969855	20.0
Heptadecane	11.80	5.4	ng	369143	4	11.52	1356830	20.0
1H-Cyclopropa[l]p...	12.02	4.8	ng	327694	4	11.52	1356830	20.0
5H-Dibenzo[a,d]cy...	12.05	4.6	ng	312926	4	11.52	1356830	20.0
4H-Cyclopenta[def...	12.14	6.4	ng	433584	4	11.52	1356830	20.0
Eicosane	12.21	17.2	ng	1166910	4	11.52	1356830	20.0
9,10-Anthracenedione	12.35	4.6	ng	313292	4	11.52	1356830	20.0
Nonadecane, 2-met...	12.60	40.6	ng	2753460	4	11.52	1356830	20.0
Heptadecane, 9-he...	13.32	45.6	ng	4343820	5	14.17	1905500	20.0
Heneicosane	13.67	44.6	ng	4249410	5	14.17	1905500	20.0
Eicosane, 10-methyl-	14.00	48.1	ng	4584040	5	14.17	1905500	20.0
Docosane, 11-butyl-	14.31	35.1	ng	3346310	5	14.17	1905500	20.0
Pentacosane	14.62	27.8	ng	2643540	5	14.17	1905500	20.0
Tetracosane	14.95	22.0	ng	2326580	6	15.71	2115770	20.0
Perylene	15.58	6.8	ng	720695	6	15.71	2115770	20.0
Dotriacontane	16.18	8.4	ng	886289	6	15.71	2115770	20.0
Octadecane, 1-iodo-	16.73	6.4	ng	672383	6	15.71	2115770	20.0
Spirostan-3-one, ...	17.82	4.3	ng	454142	6	15.71	2115770	20.0