LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102057.D
Acq On : 12 Jan 2018 21:45
Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

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:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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	4.945	482	486	497	rVB	298421	465158	7.87%	0.741%
2	5.345	548	554	557	rBV	4980662	5699975	96.50%	9.086%
3	6.375	722	729	733	rBV2	4404910	5906939	100.00%	9.416%
4	6.504	745	751	754	rBV	5085550	5507871	93.24%	8.780%
5	6.728	786	789	793	rVB	1580272	1300484	22.02%	2.073%
6	6.886	811	816	819	rBV	4349055	4095930	69.34%	6.529%
7	7.298	880	886	889	rBV	3532471	3549907	60.10%	5.659%
8	8.010	1003	1007	1010	rBV	2006048	1593291	26.97%	2.540%
9	9.092	1185	1191	1194	rBV	4474924	4145263	70.18%	6.608%
10	9.422	1242	1247	1250	rBV	79677	79984	1.35%	0.127%
11	9.480	1254	1257	1261	rBV	652687	561155	9.50%	0.895%
12	9.622	1279	1281	1286	rVB	85236	72137	1.22%	0.115%
13	9.698	1291	1294	1297	rVB	178443	129334	2.19%	0.206%
14	9.763	1298	1305	1308	rBV	1644588	1422273	24.08%	2.267%
15	9.792	1308	1310	1314	rVB	372623	330098	5.59%	0.526%
16	9.969	1336	1340	1344	rBV	247588	227632	3.85%	0.363%
17	10.198	1376	1379	1382	rVB	201842	152572	2.58%	0.243%
18	10.310	1394	1398	1404	rVB	479615	409802	6.94%	0.653%
19	10.469	1422	1425	1428	rVB	92398	81959	1.39%	0.131%
20	10.551	1434	1439	1442	rBV	2518244	2335450	39.54%	3.723%
21	10.669	1456	1459	1467	rVB	180003	219597	3.72%	0.350%
22	10.857	1485	1491	1493	rBV2	89931	100680	1.70%	0.160%
23	11.116	1533	1535	1537	rBV	71858	61736	1.05%	0.098%
24	11.145	1537	1540	1545	rVB	188409	185554	3.14%	0.296%
25	11.245	1554	1557	1559	rBV	1203054	1110881	18.81%	1.771%
26	11.274	1559	1562	1565	rVV	2269980	2001742	33.89%	3.191%
27	11.321	1565	1570	1573	rVB	728261	610140	10.33%	0.973%
28	11.351	1573	1575	1579	rBV	76931	76474	1.29%	0.122%
29	11.474	1589	1596	1599	rBV	291394	292588	4.95%	0.466%
30	11.545	1605	1608	1611	rBV2	90701	71369	1.21%	0.114%
31	11.745	1637	1642	1645	rBV	230053	230777	3.91%	0.368%
32	11.774	1645	1647	1651	rVV	412771	353457	5.98%	0.563%
33	11.821	1652	1655	1658	rVV	139940	122142	2.07%	0.195%
34	11.857	1658	1661	1664	rVV	556091	571618	9.68%	0.911%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102057.D
Acq On : 12 Jan 2018 21:45
Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

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:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.880	1664	1665	1668	rVB2	161178	90456	1.53%	0.144%
36	12.045	1690	1693	1695	rBV	171134	153750	2.60%	0.245%
37	12.063	1695	1696	1699	rVB	91004	69359	1.17%	0.111%
38	12.298	1732	1736	1738	rBV	110459	119041	2.02%	0.190%
39	12.333	1738	1742	1744	rVV3	86880	101888	1.72%	0.162%
40	12.380	1747	1750	1756	rVB4	54253	74896	1.27%	0.119%
41	12.463	1759	1764	1767	rBV	2423548	2304236	39.01%	3.673%
42	12.515	1768	1773	1776	rBV3	47652	78635	1.33%	0.125%
43	12.610	1786	1789	1795	rVB2	90576	97880	1.66%	0.156%
44	12.686	1795	1802	1805	rBV2	2072648	2260183	38.26%	3.603%
45	12.733	1808	1810	1815	rVB2	107480	112356	1.90%	0.179%
46	12.804	1819	1822	1824	rBV	136823	133111	2.25%	0.212%
47	12.833	1824	1827	1833	rVB	2883716	2590921	43.86%	4.130%
48	12.904	1834	1839	1842	rBV3	133359	209602	3.55%	0.334%
49	12.986	1850	1853	1855	rBV3	105790	120353	2.04%	0.192%
50	13.015	1855	1858	1861	rVB	417608	375389	6.36%	0.598%
51	13.080	1865	1869	1872	rBV	450223	388782	6.58%	0.620%
52	13.115	1872	1875	1877	rVV2	204845	193254	3.27%	0.308%
53	13.139	1877	1879	1883	rVB	92075	90001	1.52%	0.143%
54	13.210	1888	1891	1893	rBV	94938	71681	1.21%	0.114%
55	13.239	1893	1896	1899	rBV	108345	91117	1.54%	0.145%
56	13.315	1906	1909	1914	rVB6	67812	88666	1.50%	0.141%
57	13.498	1937	1940	1941	rBV2	61138	65969	1.12%	0.105%
58	13.633	1959	1963	1965	rBV	164142	170110	2.88%	0.271%
59	13.657	1965	1967	1969	rVV	172275	151483	2.56%	0.241%
60	13.680	1969	1971	1973	rVV	151711	144986	2.45%	0.231%
61	13.727	1976	1979	1984	rVB	364654	348137	5.89%	0.555%
62	13.880	1998	2005	2008	rBV2	1522275	2307087	39.06%	3.678%
63	13.910	2008	2010	2015	rVB	986765	843359	14.28%	1.344%
64	13.986	2020	2023	2027	rVV	253282	200515	3.39%	0.320%
65	14.268	2068	2071	2073	rVB	154146	137271	2.32%	0.219%
66	14.298	2074	2076	2080	rVB	88527	84198	1.43%	0.134%
67	14.362	2084	2087	2089	rVV2	136456	120020	2.03%	0.191%
68	14.898	2174	2178	2188	rBV	616242	1236536	20.93%	1.971%
69	14.998	2193	2195	2200	rVB	178391	188037	3.18%	0.300%
70	15.186	2223	2227	2233	rVB	327128	401659	6.80%	0.640%
71	15.245	2233	2237	2243	rVV	495758	601674	10.19%	0.959%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102057.D
Acq On : 12 Jan 2018 21:45
Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

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:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.304	2243	2247	2250	rVV	699796	865332	14.65%	1.379%
73	15.333	2250	2252	2258	rVB2	178581	235415	3.99%	0.375%
74	15.756	2321	2324	2329	rVB2	133294	160593	2.72%	0.256%
75	16.509	2449	2452	2465	rVB5	134242	284217	4.81%	0.453%
76	16.680	2477	2481	2488	rVB2	157327	294518	4.99%	0.469%

Sum of corrected areas: 62732642

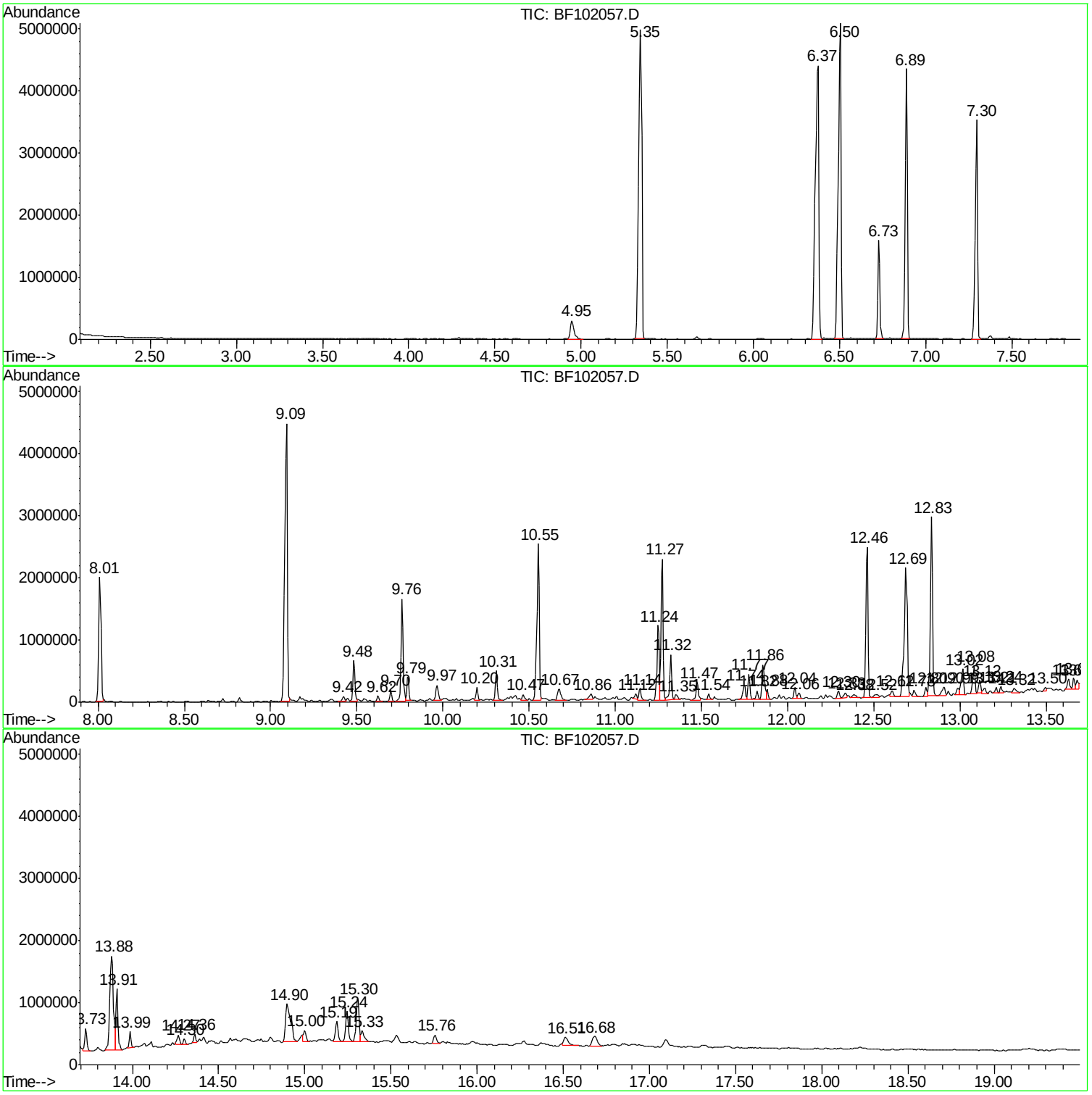
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102057.D
Acq On : 12 Jan 2018 21:45
Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-011118-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102057.D
Acq On : 12 Jan 2018 21:45
Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

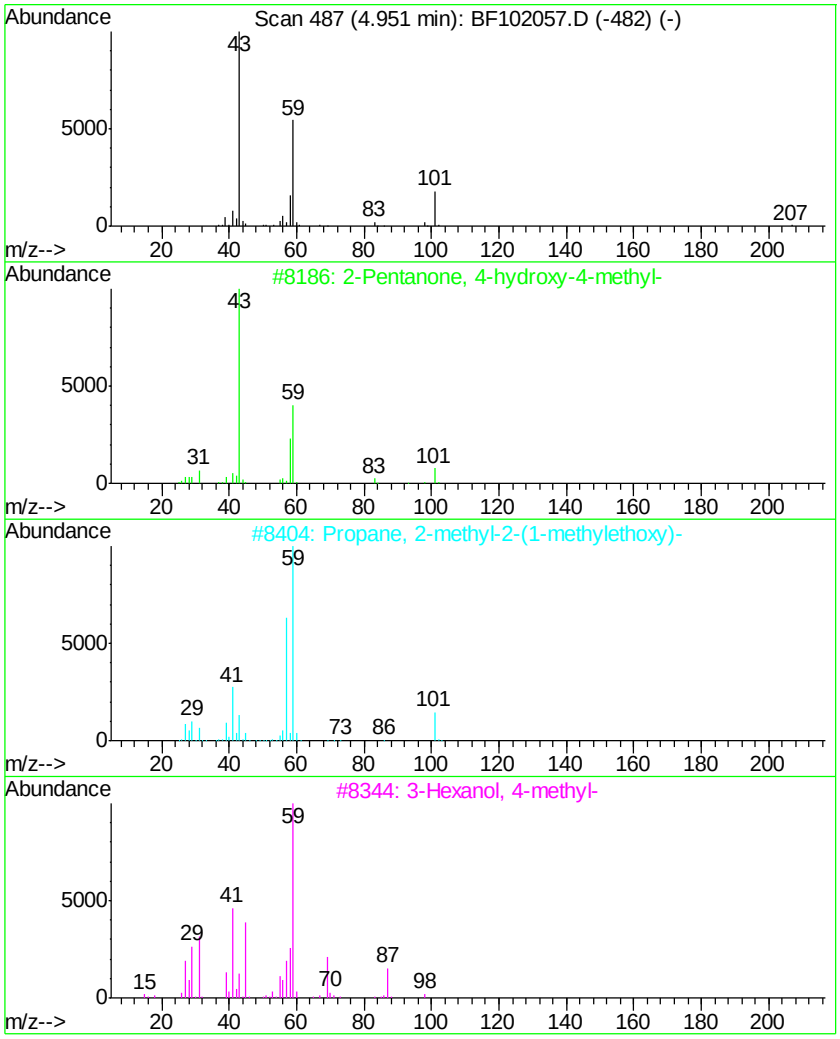
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

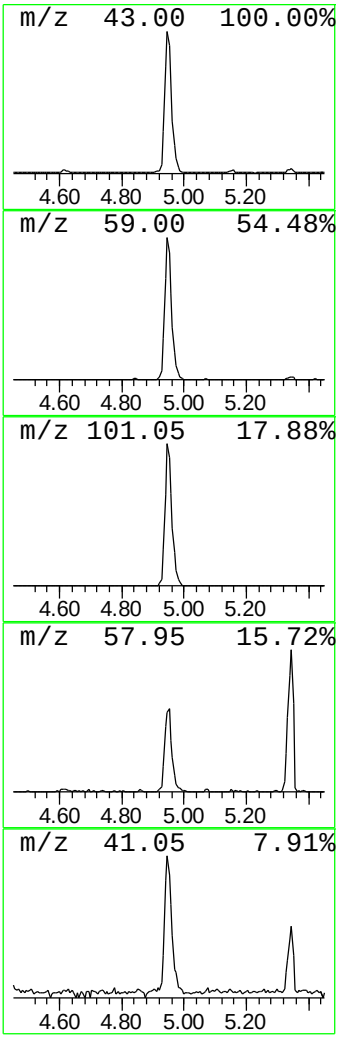
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	7.15 ng	465158	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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Data File : BF102057.D
Acq On : 12 Jan 2018 21:45
Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

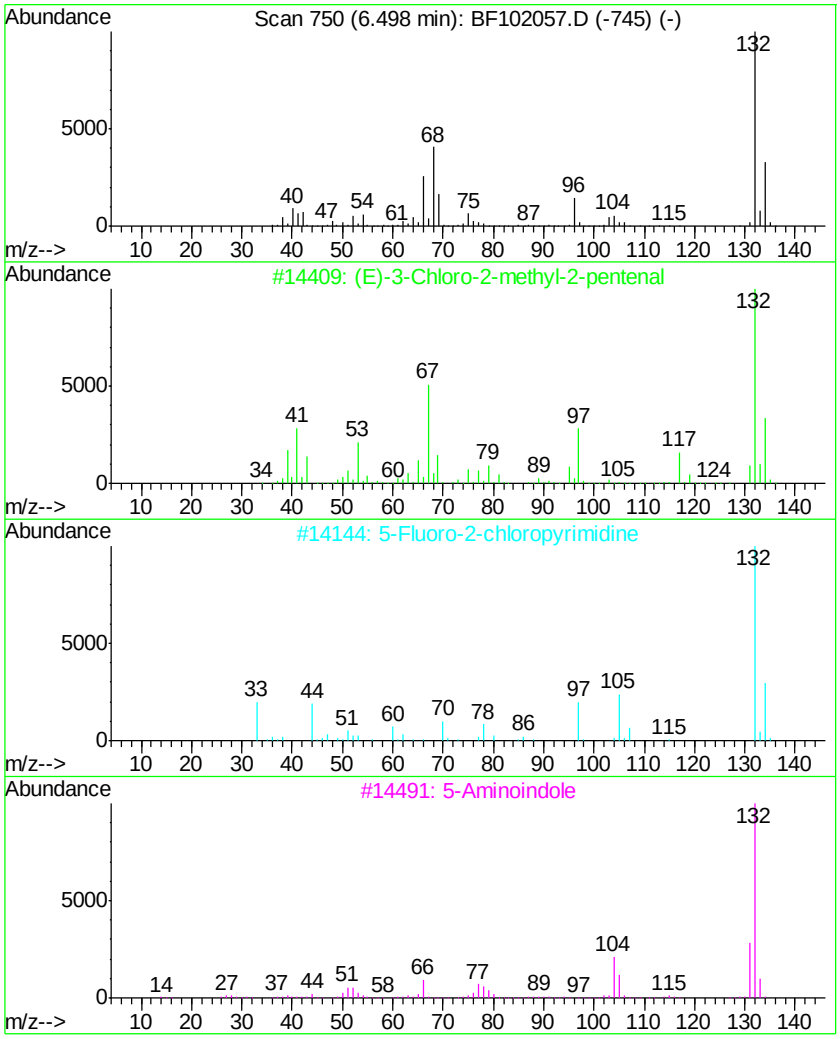
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

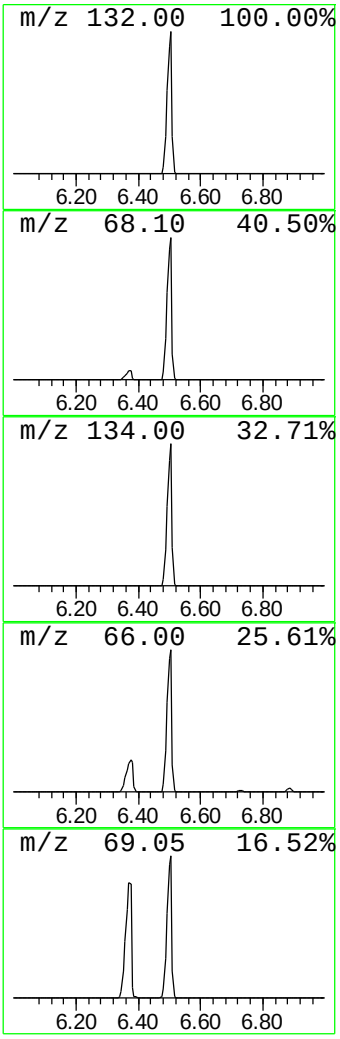
****

Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	84.70 ng	5507870	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102057.D
Acq On : 12 Jan 2018 21:45
Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

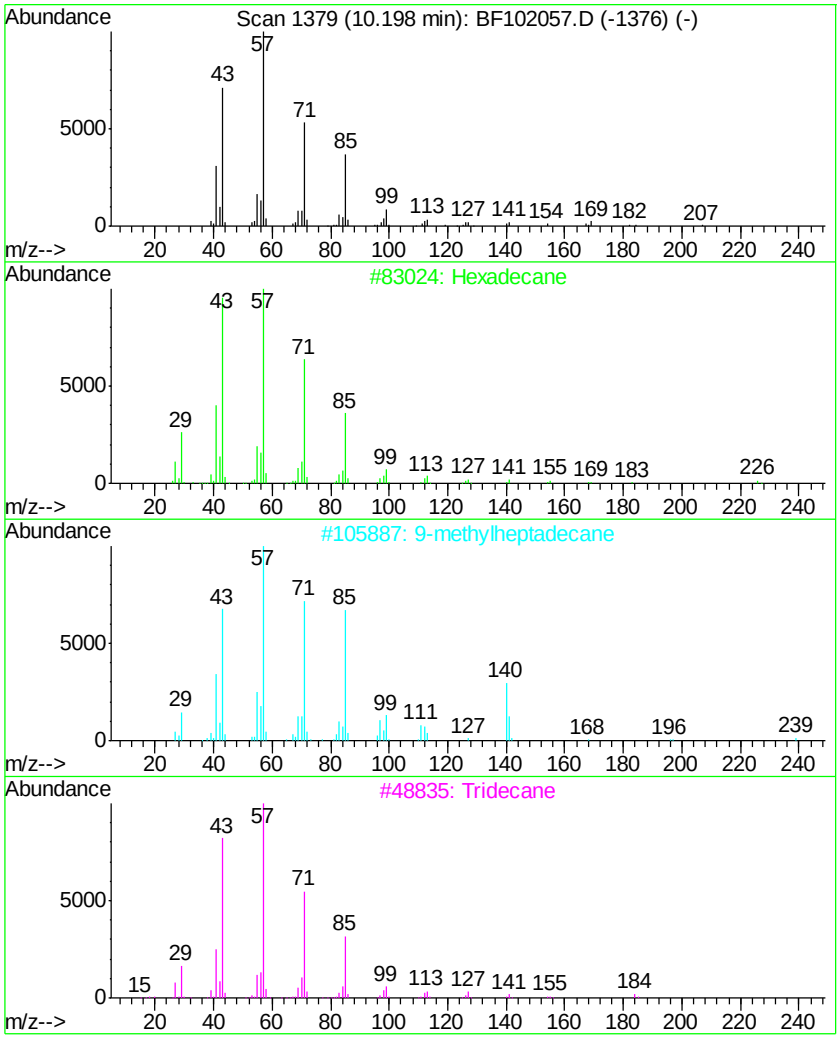
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

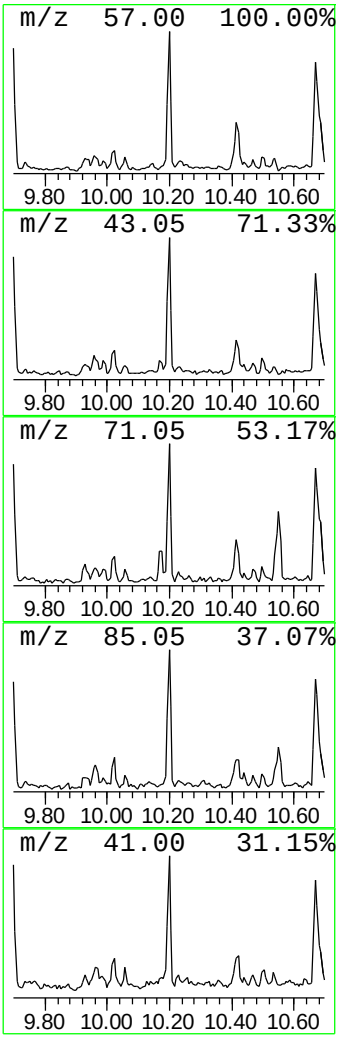
****

Peak Number 4 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	2.15 ng	152572	Acenaphthene-d10	9.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	9-methylheptadecane	254	C18H38	026741-18-4	86
3	Tridecane	184	C13H28	000629-50-5	81
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	81
5	Tetradecane	198	C14H30	000629-59-4	80





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102057.D
Acq On : 12 Jan 2018 21:45
Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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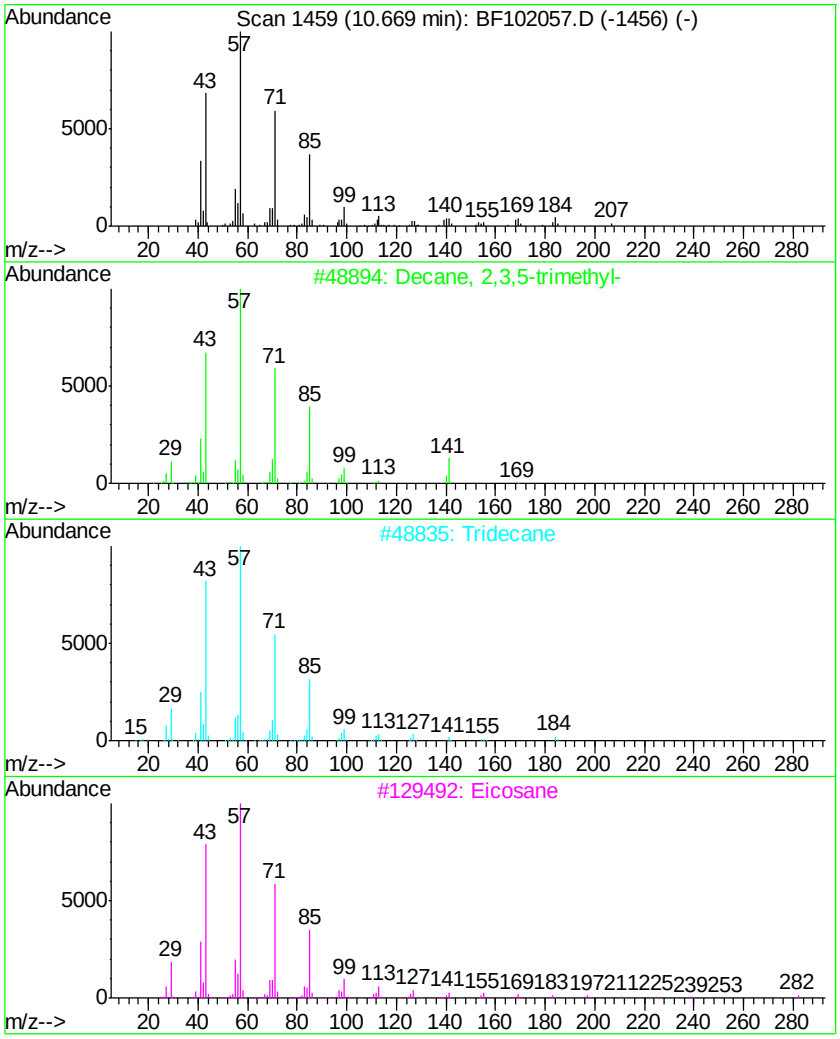
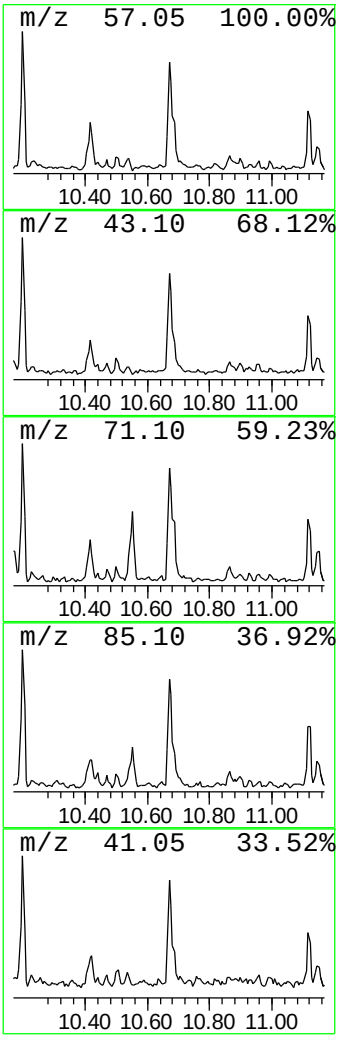
Peak Number 5 Decane, 2,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	3.95 ng	219597	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
2	Tridecane	184	C13H28	000629-50-5	72
3	Eicosane	282	C20H42	000112-95-8	72
4	Hexadecane	226	C16H34	000544-76-3	64
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	58





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102057.D
Acq On : 12 Jan 2018 21:45
Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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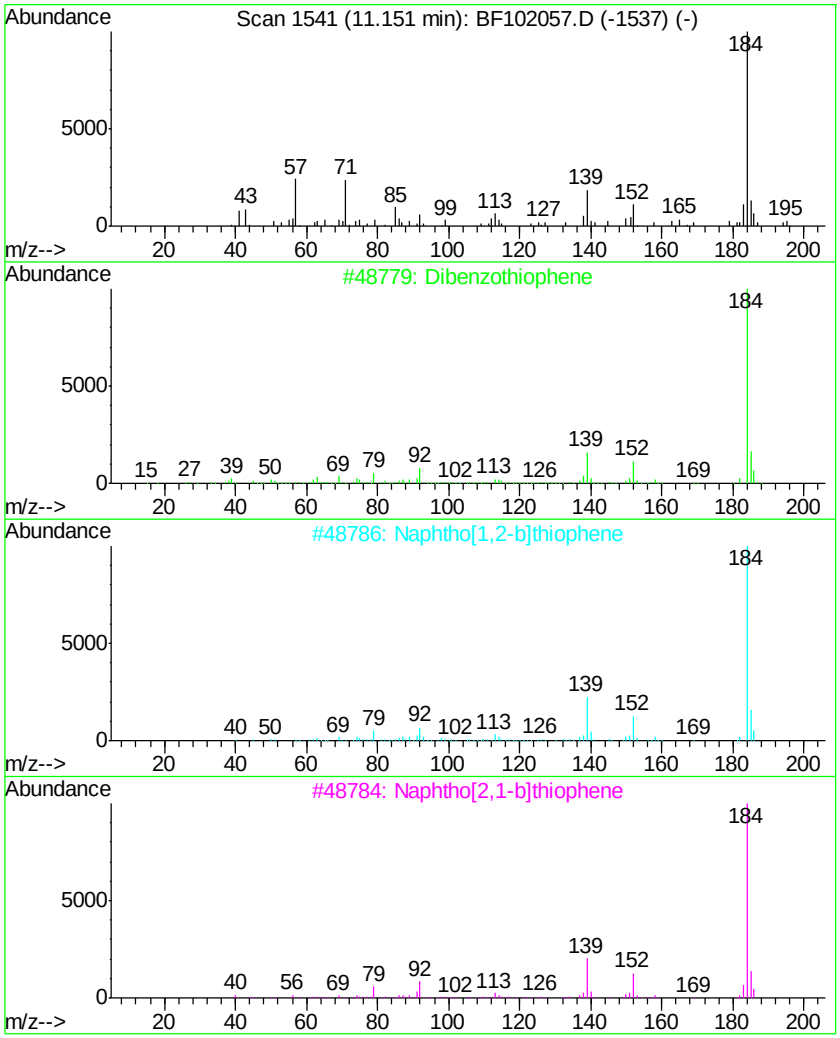
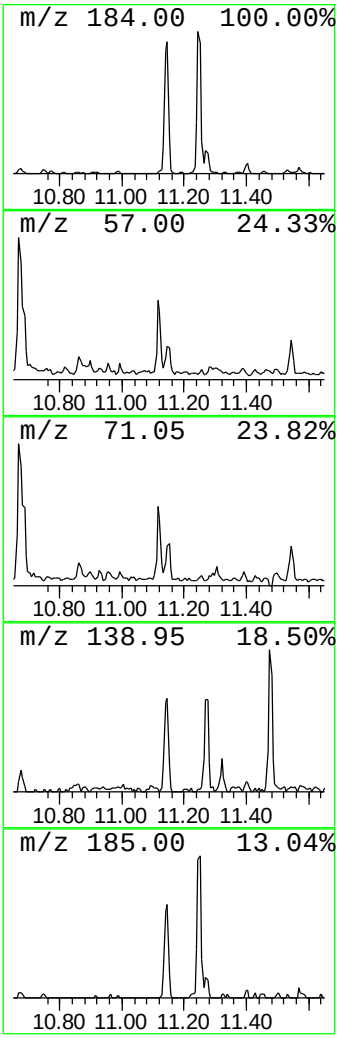
Peak Number 6 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	3.34 ng	185554	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF011218\
Data File : BF102057.D
Acq On : 12 Jan 2018 21:45
Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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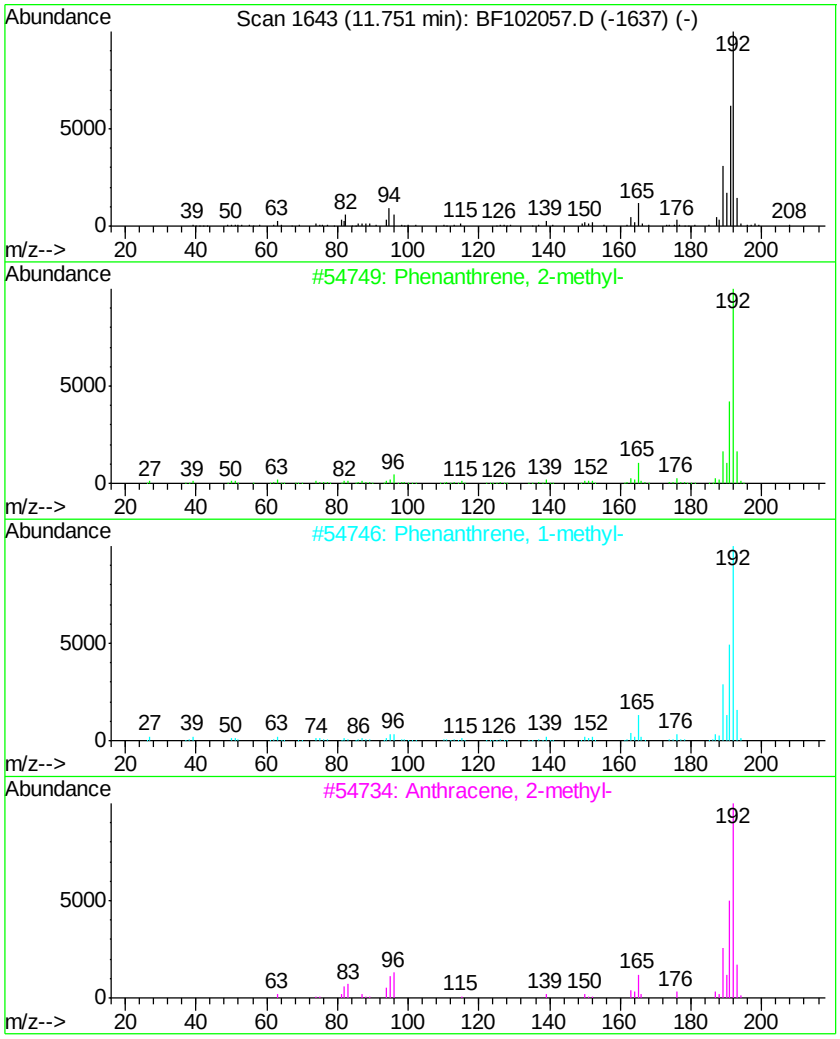
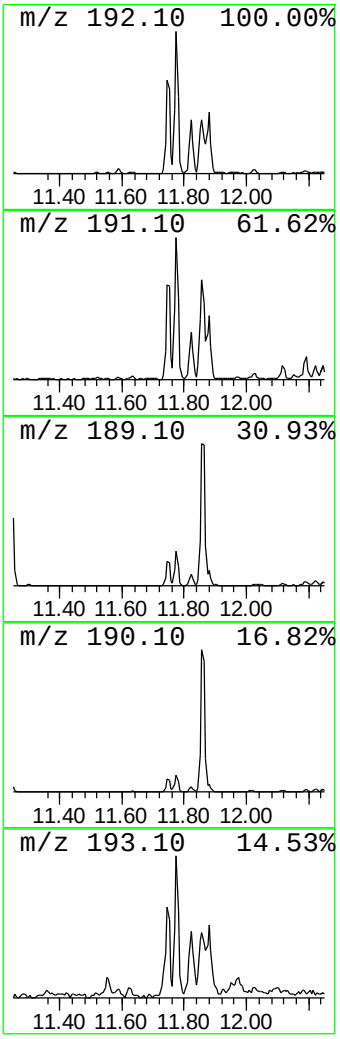
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	4.15 ng	230777	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Data File : BF102057.D
Acq On : 12 Jan 2018 21:45
Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

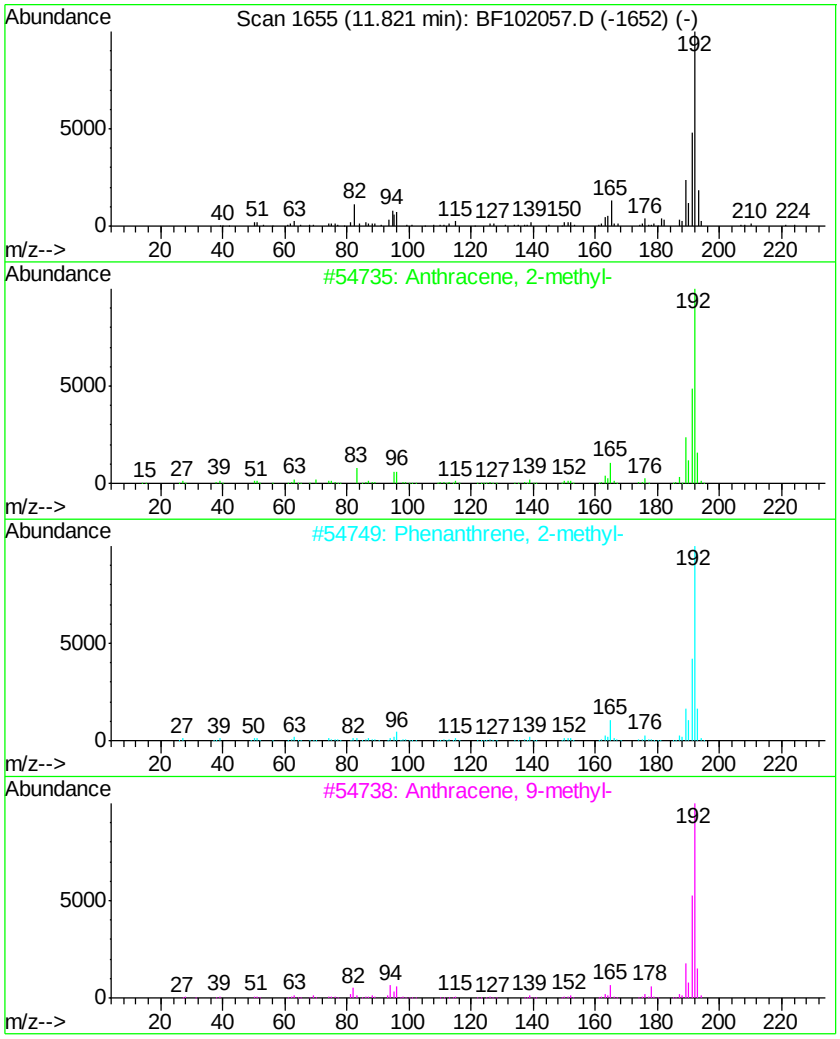
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

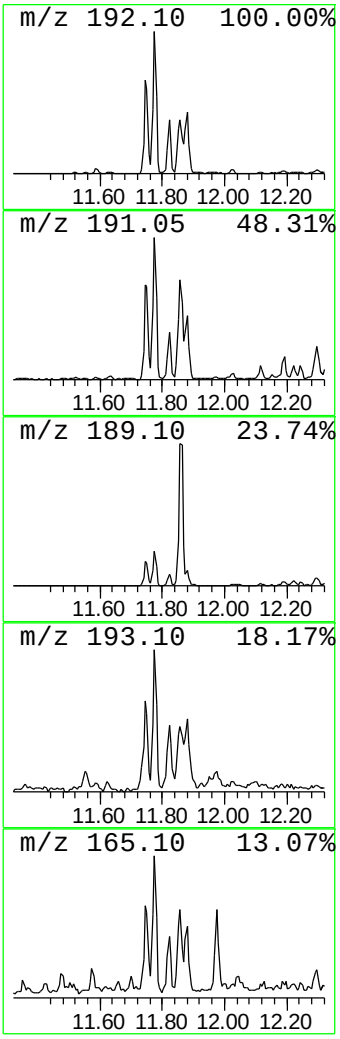
****

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.20 ng	122142	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Acq On : 12 Jan 2018 21:45
Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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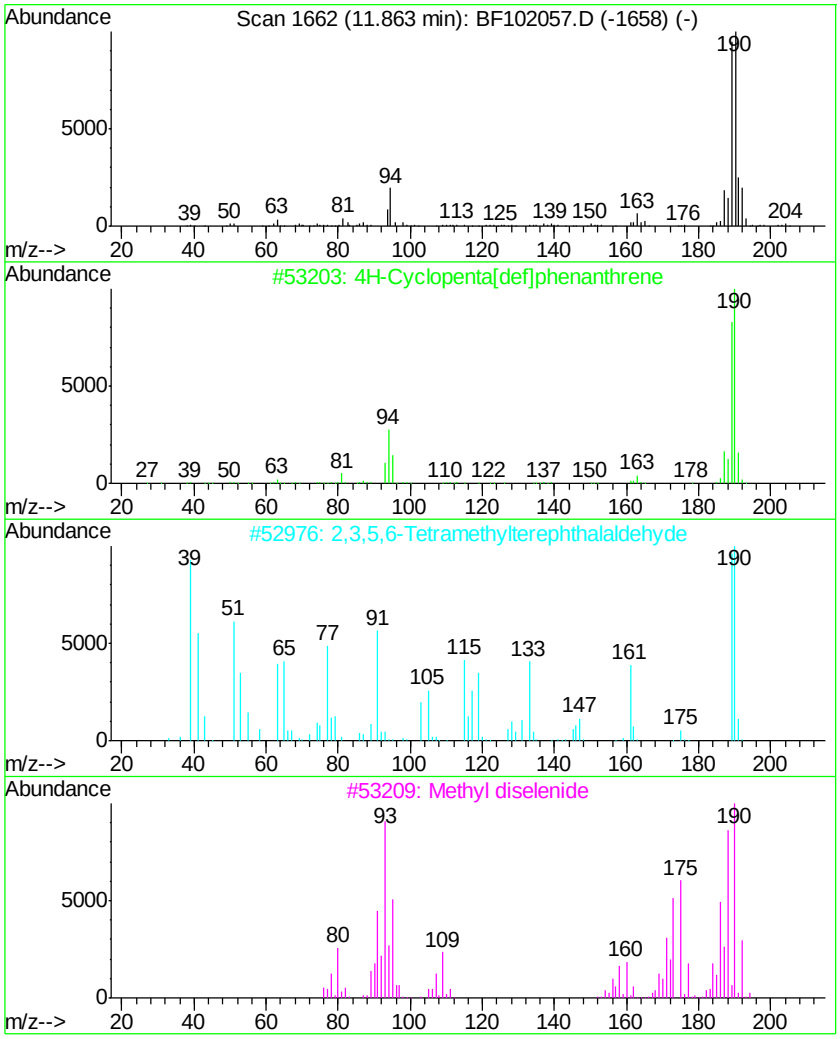
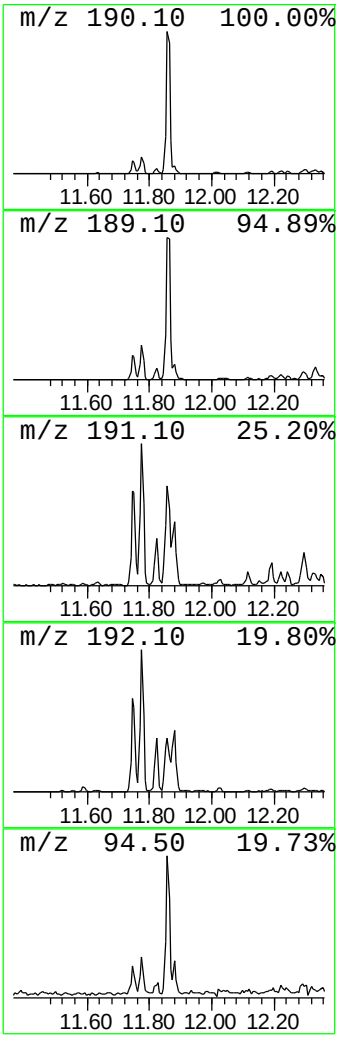
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	10.29 ng	571618	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	33





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Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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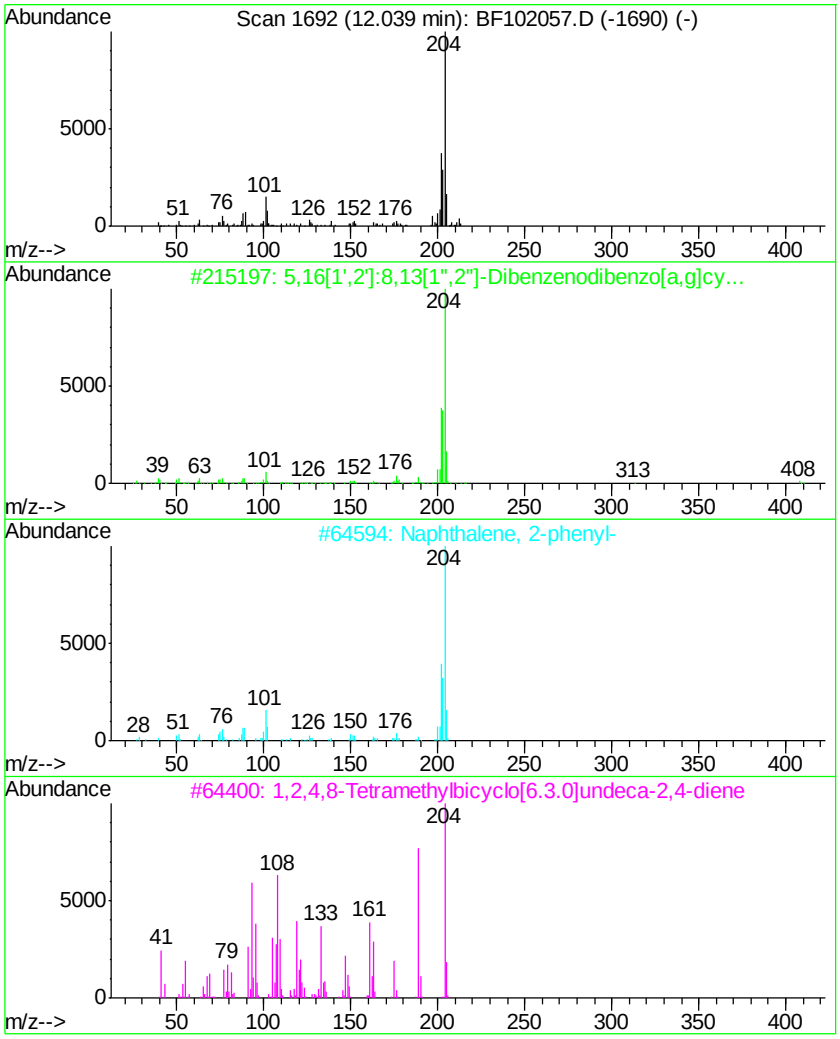
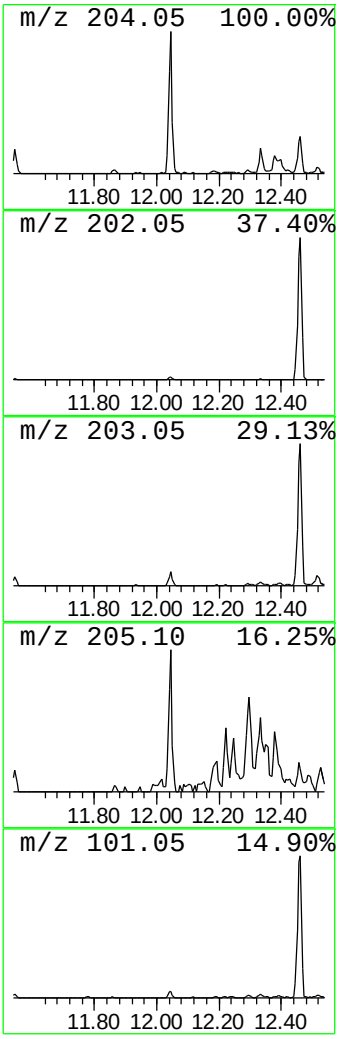
Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.77 ng	153750	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55





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Acq On : 12 Jan 2018 21:45
Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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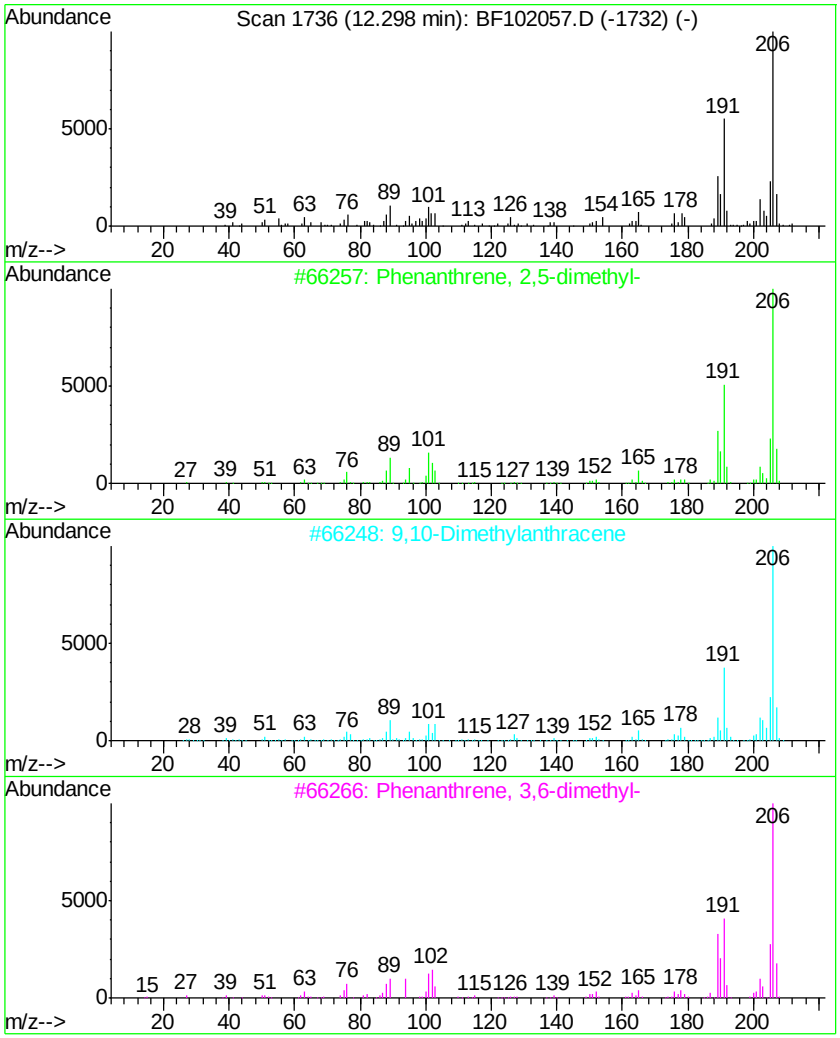
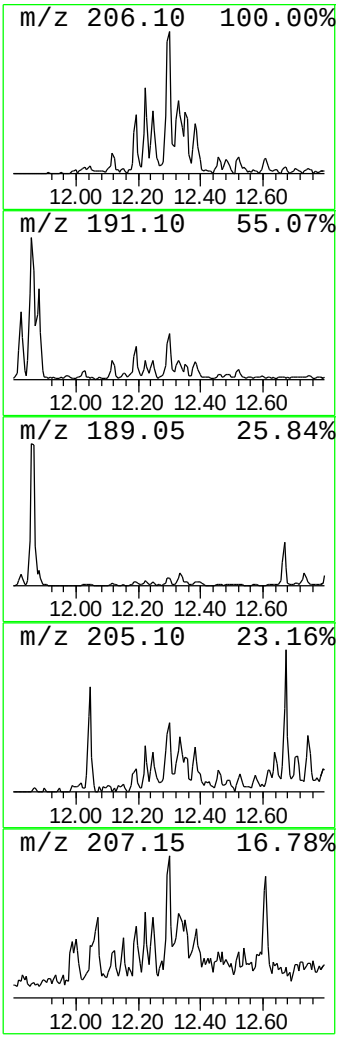
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	2.14 ng	119041	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	92





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Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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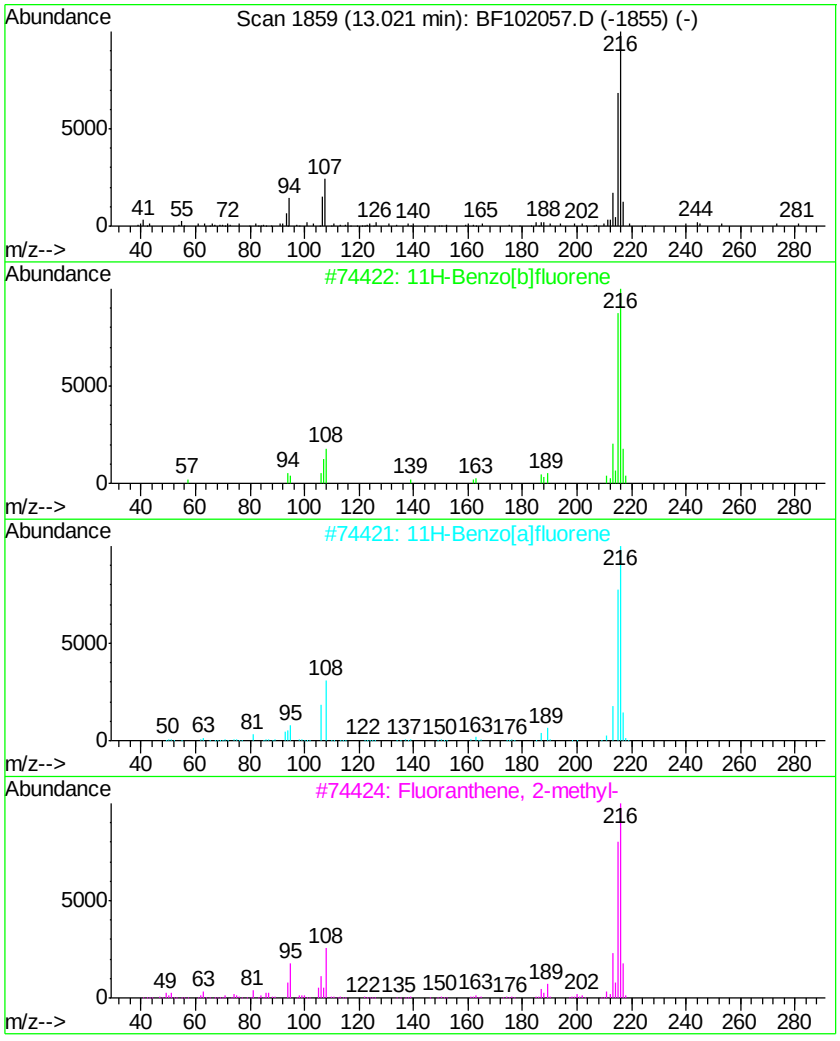
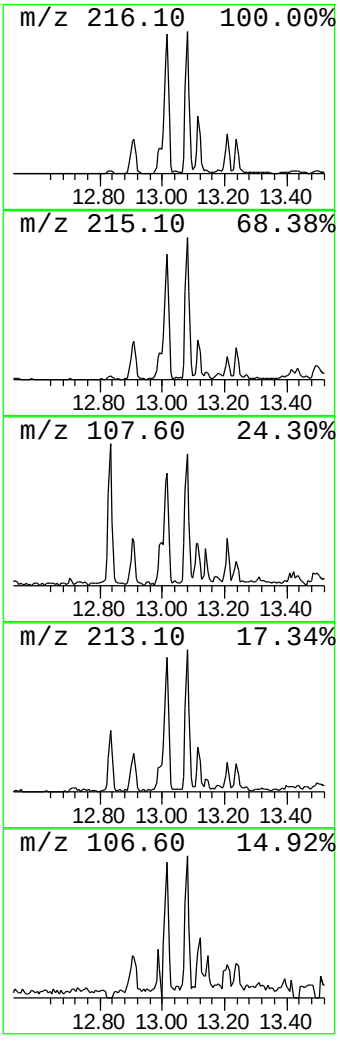
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	3.25 ng	375389	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Data File : BF102057.D
Acq On : 12 Jan 2018 21:45
Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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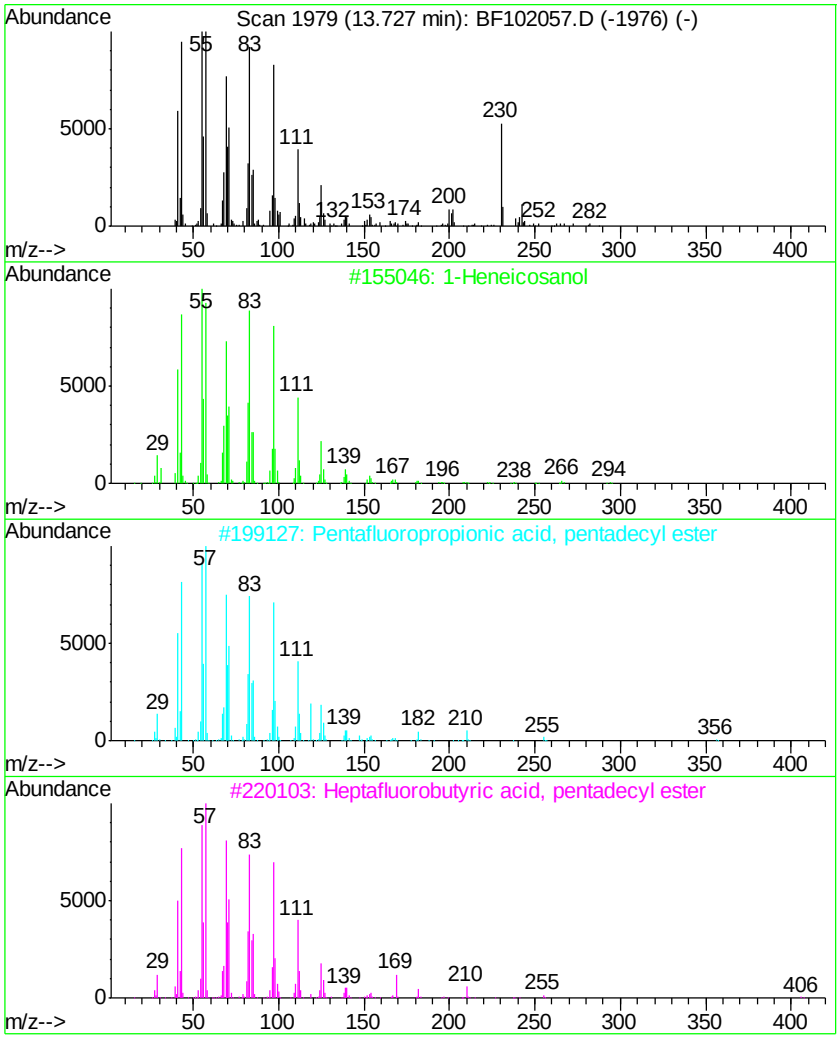
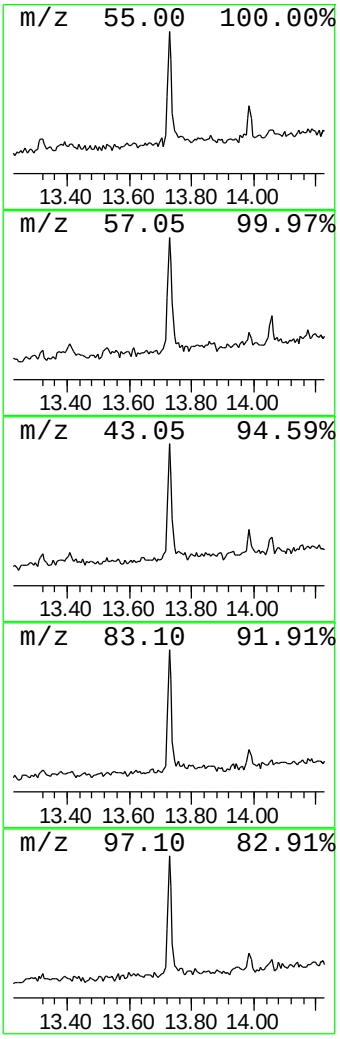
Peak Number 15 1-Heneicosanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.02 ng	348137	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90





Library Search Compound Report

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Data File : BF102057.D
Acq On : 12 Jan 2018 21:45
Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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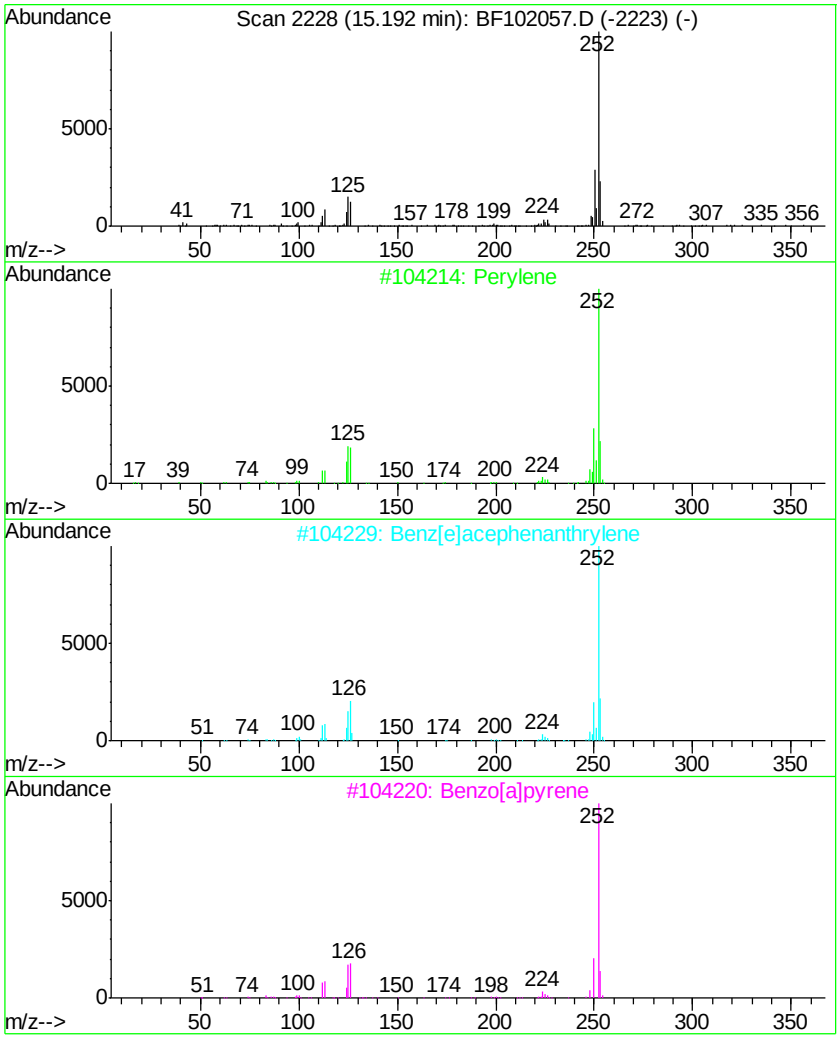
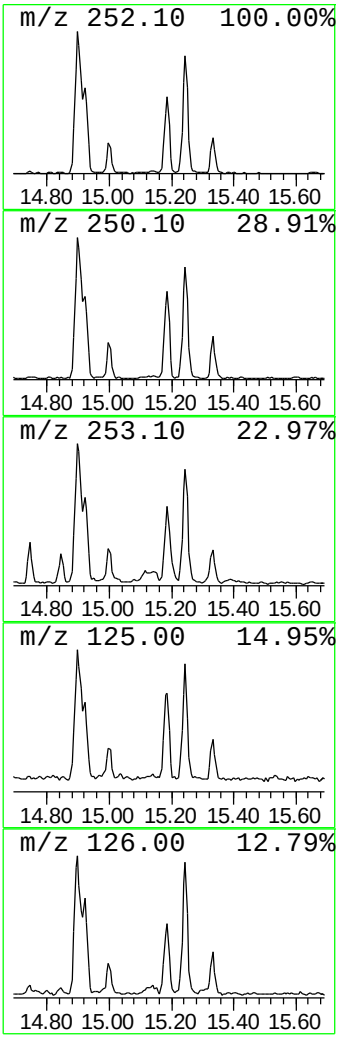
Peak Number 17 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	9.28 ng	401659	Perylene-d12	15.31

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





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Acq On : 12 Jan 2018 21:45
Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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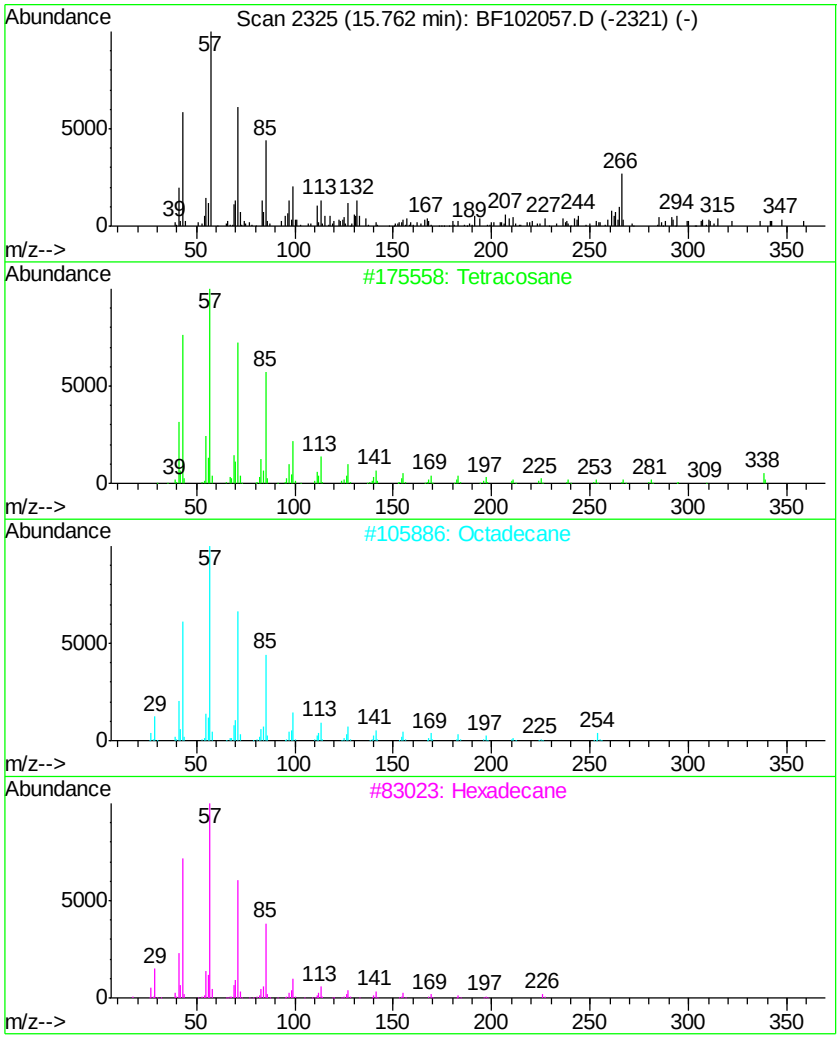
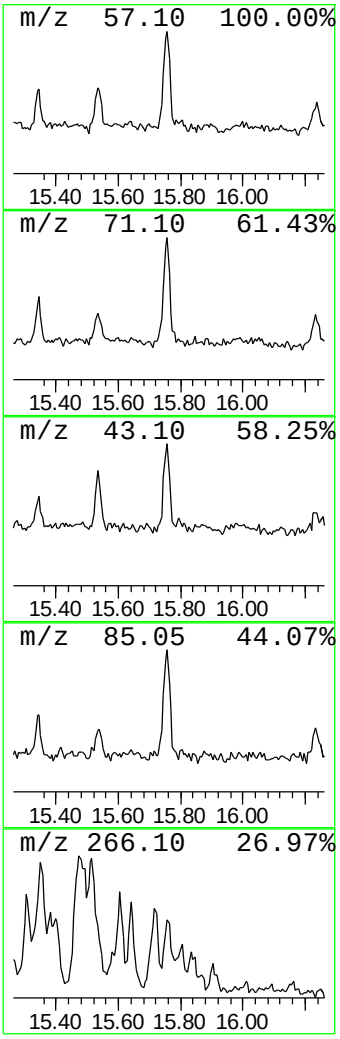
Peak Number 18 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	3.71 ng	160593	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Octadecane	254	C18H38	000593-45-3	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	83
5	Heneicosane	296	C21H44	000629-94-7	81





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Data File : BF102057.D
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Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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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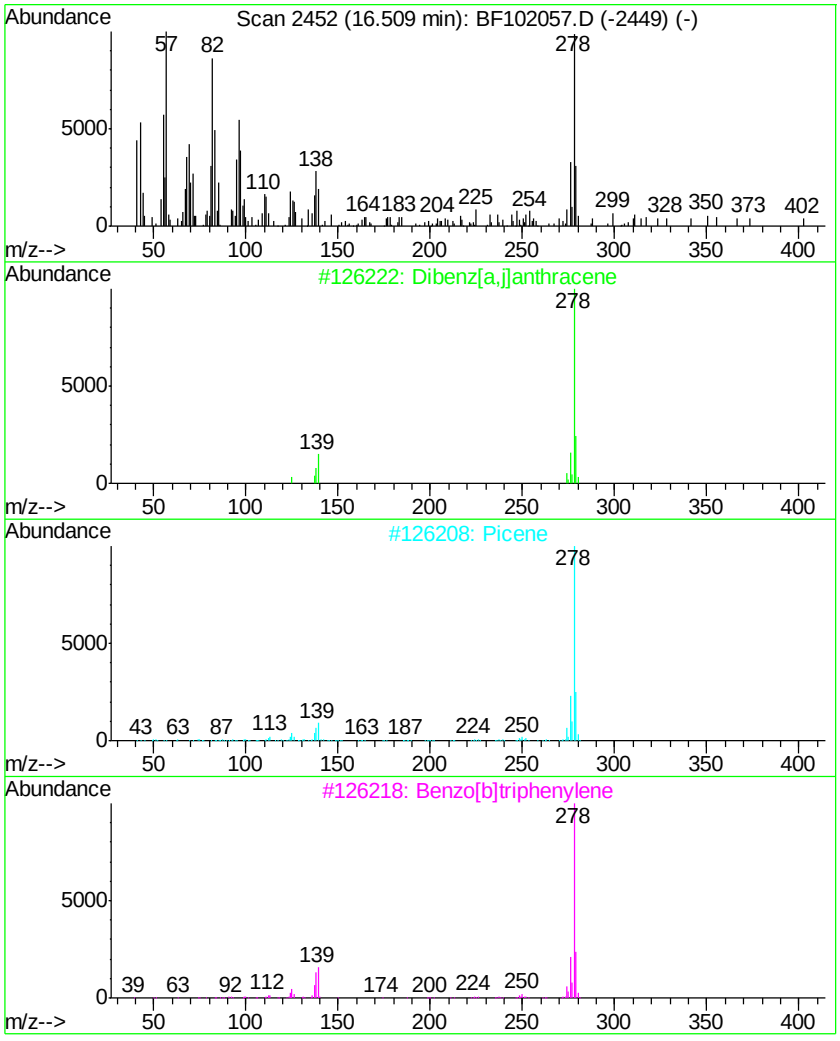
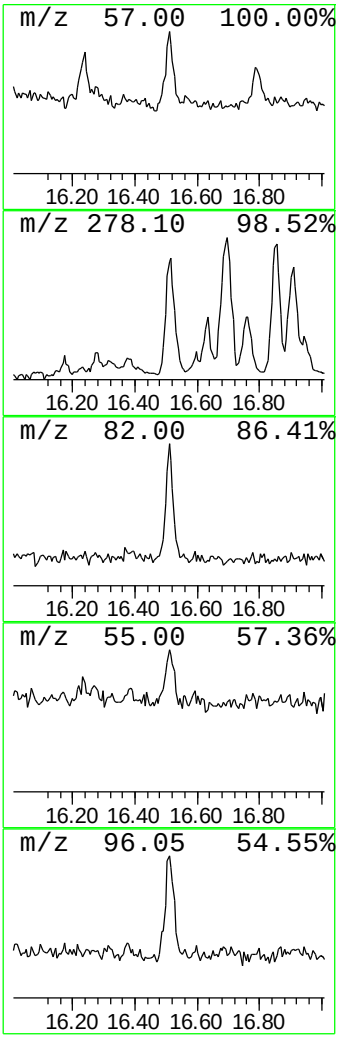
Peak Number 19 Dibenz[a,j]anthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	6.57 ng	284217	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,j]anthracene	278	C22H14	000224-41-9	64
2	Picene	278	C22H14	000213-46-7	47
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	45
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	38
5	Octadecanal	268	C18H36O	000638-66-4	35





Tentatively Identified Compound (LSC) summary

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Data File : BF102057.D
Acq On : 12 Jan 2018 21:45
Operator : SJ/JU
Sample : J1015-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-011118-D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010918.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...	4.95	7.2	ng	465158	1	6.73	1300480	20.0
unknown6.50	6.50	84.7	ng	5507870	1	6.73	1300480	20.0
Hexadecane	10.20	2.1	ng	152572	3	9.76	1422270	20.0
Decane, 2,3,5-tri...	10.67	4.0	ng	219597	4	11.24	1110880	20.0
Dibenzothiophene	11.15	3.3	ng	185554	4	11.24	1110880	20.0
Phenanthrene, 2-m...	11.75	4.2	ng	230777	4	11.24	1110880	20.0
Anthracene, 2-met...	11.82	2.2	ng	122142	4	11.24	1110880	20.0
4H-Cyclopenta[def...	11.86	10.3	ng	571618	4	11.24	1110880	20.0
5,16[1',2']:8,13[...	12.04	2.8	ng	153750	4	11.24	1110880	20.0
Phenanthrene, 2,5...	12.30	2.1	ng	119041	4	11.24	1110880	20.0
11H-Benzo[b]fluorene	13.02	3.3	ng	375389	5	13.89	2307090	20.0
1-Heneicosanol	13.73	3.0	ng	348137	5	13.89	2307090	20.0
Perylene	15.19	9.3	ng	401659	6	15.31	865332	20.0
Tetracosane	15.76	3.7	ng	160593	6	15.31	865332	20.0
Dibenz[a,j]anthra...	16.51	6.6	ng	284217	6	15.31	865332	20.0