LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102740.D
Acq On : 5 Feb 2018 16:17
Operator : SJ/JU
Sample : J1444-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

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-BF020318.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	2.175	9	15	23	rVB	453234	589770	13.41%	1.250%
2	5.116	511	515	523	rVB	117259	150208	3.42%	0.318%
3	5.498	575	580	583	rBV	4231979	4236764	96.37%	8.979%
4	6.504	745	751	761	rVB2	3798677	4396469	100.00%	9.317%
5	6.651	771	776	779	rBV	4234360	4123070	93.78%	8.738%
6	6.704	782	785	791	rVB	191242	145217	3.30%	0.308%
7	6.881	811	815	818	rBV	1572794	1244542	28.31%	2.638%
8	7.040	838	842	845	rVB	3183095	2834658	64.48%	6.008%
9	7.445	905	911	914	rBV	2523994	2632307	59.87%	5.579%
10	7.510	918	922	925	rVB2	51679	47143	1.07%	0.100%
11	7.845	974	979	982	rBV	46194	57026	1.30%	0.121%
12	8.163	1029	1033	1036	rBV	2037141	1641150	37.33%	3.478%
13	9.239	1211	1216	1219	rBV	3480729	3140976	71.44%	6.657%
14	9.316	1225	1229	1231	rBV	55818	58617	1.33%	0.124%
15	9.628	1278	1282	1286	rBV	405764	369682	8.41%	0.783%
16	9.781	1305	1308	1311	rVB	127461	115350	2.62%	0.244%
17	9.828	1311	1316	1317	rVV2	97774	129936	2.96%	0.275%
18	9.845	1317	1319	1321	rVB	121930	86298	1.96%	0.183%
19	9.922	1327	1332	1335	rVB	1797539	1693130	38.51%	3.588%
20	10.075	1353	1358	1361	rBV3	30272	55591	1.26%	0.118%
21	10.116	1361	1365	1367	rVV2	72309	85449	1.94%	0.181%
22	10.157	1370	1372	1377	rVV3	60875	71806	1.63%	0.152%
23	10.233	1381	1385	1387	rBV2	82369	77164	1.76%	0.164%
24	10.322	1396	1400	1402	rBV3	104936	135512	3.08%	0.287%
25	10.345	1402	1404	1406	rVB	176169	125066	2.84%	0.265%
26	10.551	1437	1439	1441	rBV2	53598	55169	1.25%	0.117%
27	10.622	1448	1451	1454	rVB3	59827	67846	1.54%	0.144%
28	10.704	1459	1465	1469	rBV	2300472	2194090	49.91%	4.650%
29	10.739	1469	1471	1477	rVB3	31893	44331	1.01%	0.094%
30	10.816	1481	1484	1492	rVB2	163138	231347	5.26%	0.490%
31	11.010	1513	1517	1520	rBV2	122069	169638	3.86%	0.360%
32	11.039	1520	1522	1526	rVV2	108555	103467	2.35%	0.219%
33	11.098	1529	1532	1534	rVB	91797	75936	1.73%	0.161%
34	11.145	1534	1540	1541	rBV5	50571	72972	1.66%	0.155%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102740.D
Acq On : 5 Feb 2018 16:17
Operator : SJ/JU
Sample : J1444-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

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-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.163	1541	1543	1548	rVB3	68022	65093	1.48%	0.138%
36	11.263	1556	1560	1563	rBV2	93111	111483	2.54%	0.236%
37	11.298	1564	1566	1571	rVB2	80850	96242	2.19%	0.204%
38	11.404	1580	1584	1587	rBV	1574550	1396827	31.77%	2.960%
39	11.480	1594	1597	1599	rVB	235189	188335	4.28%	0.399%
40	11.516	1599	1603	1605	rBV3	73479	90872	2.07%	0.193%
41	11.698	1631	1634	1638	rBV2	137380	133028	3.03%	0.282%
42	11.733	1638	1640	1646	rVB2	90089	94908	2.16%	0.201%
43	11.904	1666	1669	1671	rBV	396305	372855	8.48%	0.790%
44	11.922	1671	1672	1679	rVB	311801	258162	5.87%	0.547%
45	11.980	1679	1682	1685	rBV	144465	127536	2.90%	0.270%
46	12.016	1685	1688	1691	rBV2	594841	656216	14.93%	1.391%
47	12.092	1698	1701	1706	rBV6	27074	46385	1.06%	0.098%
48	12.198	1717	1719	1722	rBV	286243	253243	5.76%	0.537%
49	12.380	1747	1750	1752	rVB	73778	53169	1.21%	0.113%
50	12.404	1752	1754	1757	rVB	56645	46939	1.07%	0.099%
51	12.457	1757	1763	1765	rBV	202114	260980	5.94%	0.553%
52	12.492	1765	1769	1774	rVB2	156678	226367	5.15%	0.480%
53	12.551	1774	1779	1782	rBV4	60705	112876	2.57%	0.239%
54	12.616	1786	1790	1794	rBV	1344333	1322622	30.08%	2.803%
55	12.663	1795	1798	1800	rBV	51383	51278	1.17%	0.109%
56	12.710	1803	1806	1809	rVB	145791	127254	2.89%	0.270%
57	12.769	1814	1816	1820	rBV3	45928	72636	1.65%	0.154%
58	12.851	1824	1830	1833	rBV	1532515	1609959	36.62%	3.412%
59	12.986	1850	1853	1857	rBV	1970962	1721496	39.16%	3.648%
60	13.063	1862	1866	1873	rBV	116153	173529	3.95%	0.368%
61	13.151	1878	1881	1882	rBV2	89122	90118	2.05%	0.191%
62	13.174	1882	1885	1889	rVB	251776	245251	5.58%	0.520%
63	13.239	1893	1896	1899	rVB	262853	208519	4.74%	0.442%
64	13.274	1899	1902	1906	rVB	151657	144384	3.28%	0.306%
65	13.345	1910	1914	1916	rBV	89487	91213	2.07%	0.193%
66	13.369	1916	1918	1921	rVV	118929	94497	2.15%	0.200%
67	13.398	1921	1923	1927	rVB	132409	122515	2.79%	0.260%
68	13.574	1951	1953	1959	rVB5	48874	73963	1.68%	0.157%
69	13.674	1964	1970	1973	rBV6	55356	106460	2.42%	0.226%
70	13.821	1992	1995	1997	rBV	122021	105330	2.40%	0.223%
71	13.845	1997	1999	2001	rVB	93275	71738	1.63%	0.152%

LSC Area Percent Report

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Acq On : 5 Feb 2018 16:17
Operator : SJ/JU
Sample : J1444-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

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-BF020318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.874	2001	2004	2011	rVB	294895	264112	6.01%	0.560%
73	14.045	2027	2033	2035	rBV2	1197965	1570335	35.72%	3.328%
74	14.069	2035	2037	2042	rVB	396329	340966	7.76%	0.723%
75	14.180	2054	2056	2061	rVB	86964	82903	1.89%	0.176%
76	14.427	2095	2098	2101	rVB	88652	80796	1.84%	0.171%
77	14.516	2110	2113	2117	rVV3	83873	123957	2.82%	0.263%
78	14.551	2117	2119	2121	rVV3	50137	59452	1.35%	0.126%
79	14.574	2121	2123	2127	rVB2	104131	94517	2.15%	0.200%
80	14.892	2174	2177	2181	rVB2	65468	72593	1.65%	0.154%
81	15.086	2206	2210	2219	rVB2	203992	451218	10.26%	0.956%
82	15.192	2226	2228	2234	rVB	68877	79919	1.82%	0.169%
83	15.392	2258	2262	2265	rBV	180639	204860	4.66%	0.434%
84	15.451	2268	2272	2278	rVB	284224	372940	8.48%	0.790%
85	15.521	2279	2284	2288	rBV	752670	965059	21.95%	2.045%
86	16.998	2531	2535	2545	rVB2	67311	139649	3.18%	0.296%

Sum of corrected areas: 47185251

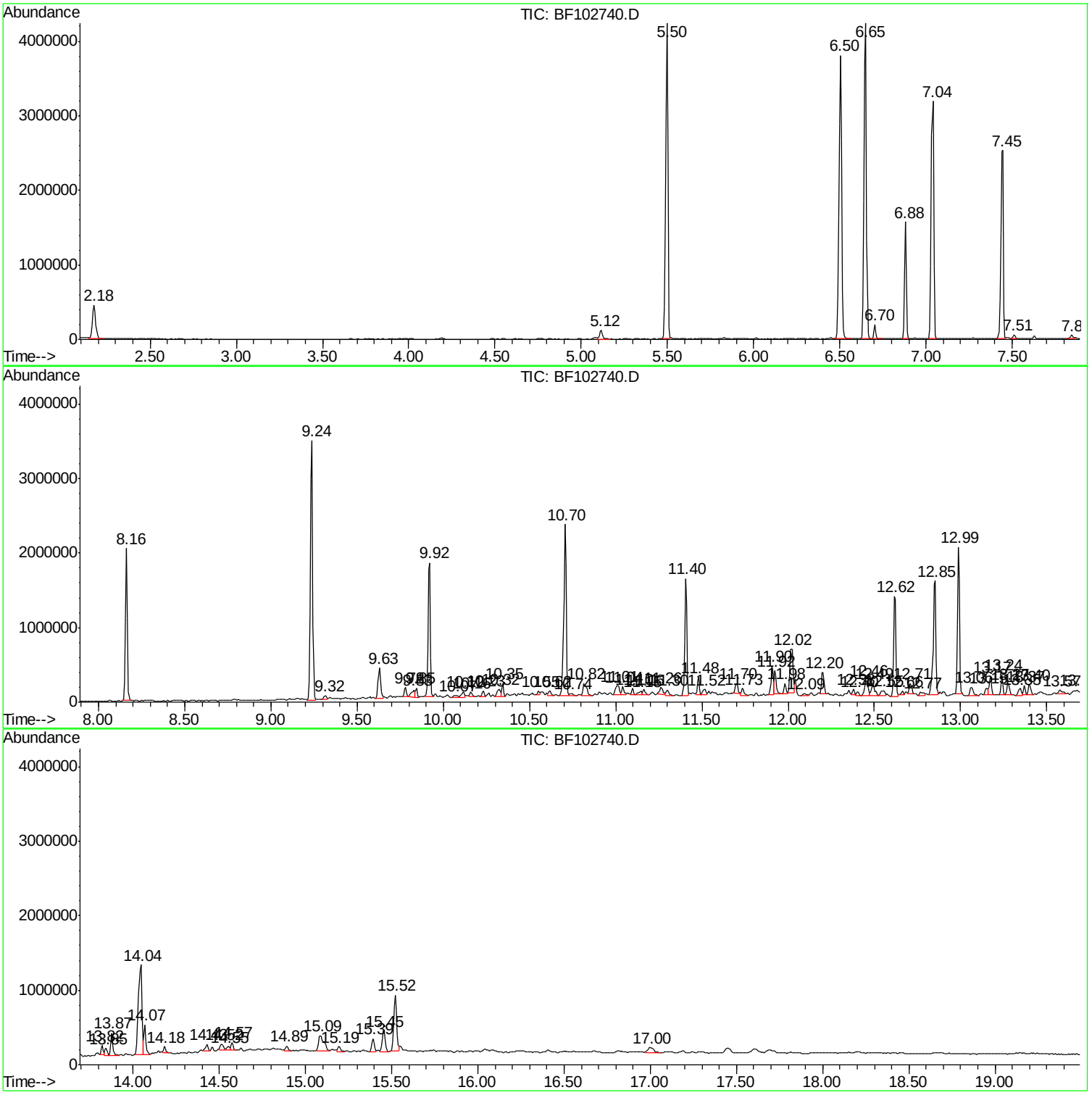
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102740.D
Acq On : 5 Feb 2018 16:17
Operator : SJ/JU
Sample : J1444-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-PH3-MGP-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102740.D
Acq On : 5 Feb 2018 16:17
Operator : SJ/JU
Sample : J1444-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

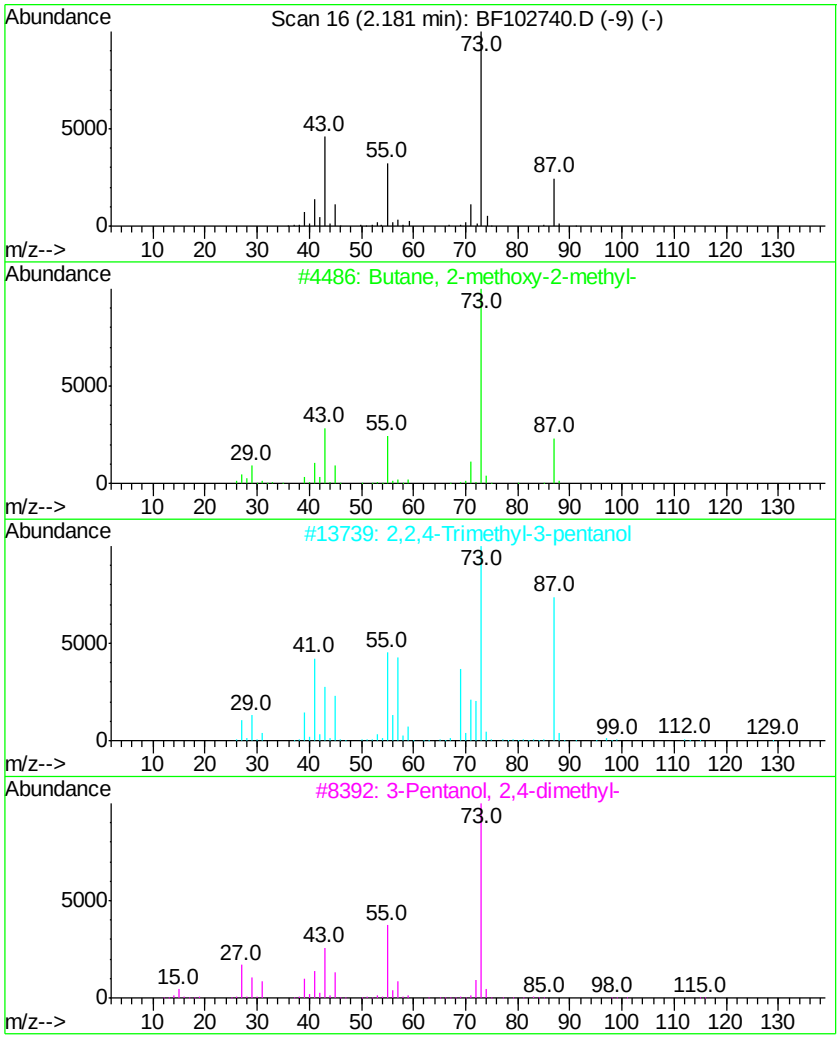
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

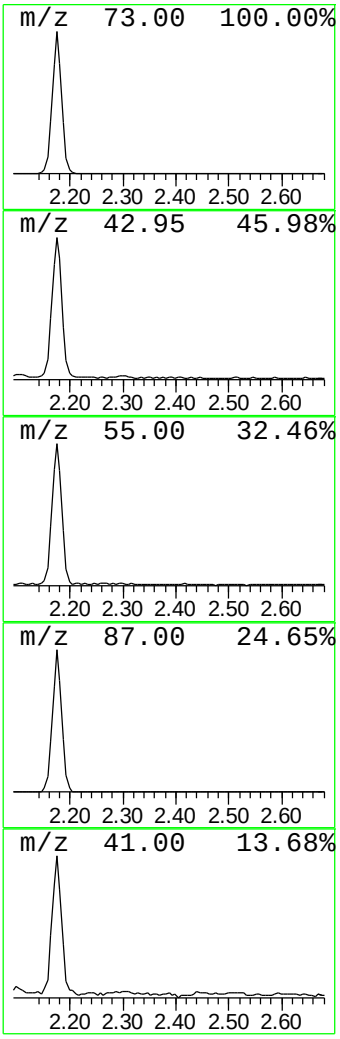
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	9.48 ng	589770	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102740.D
Acq On : 5 Feb 2018 16:17
Operator : SJ/JU
Sample : J1444-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

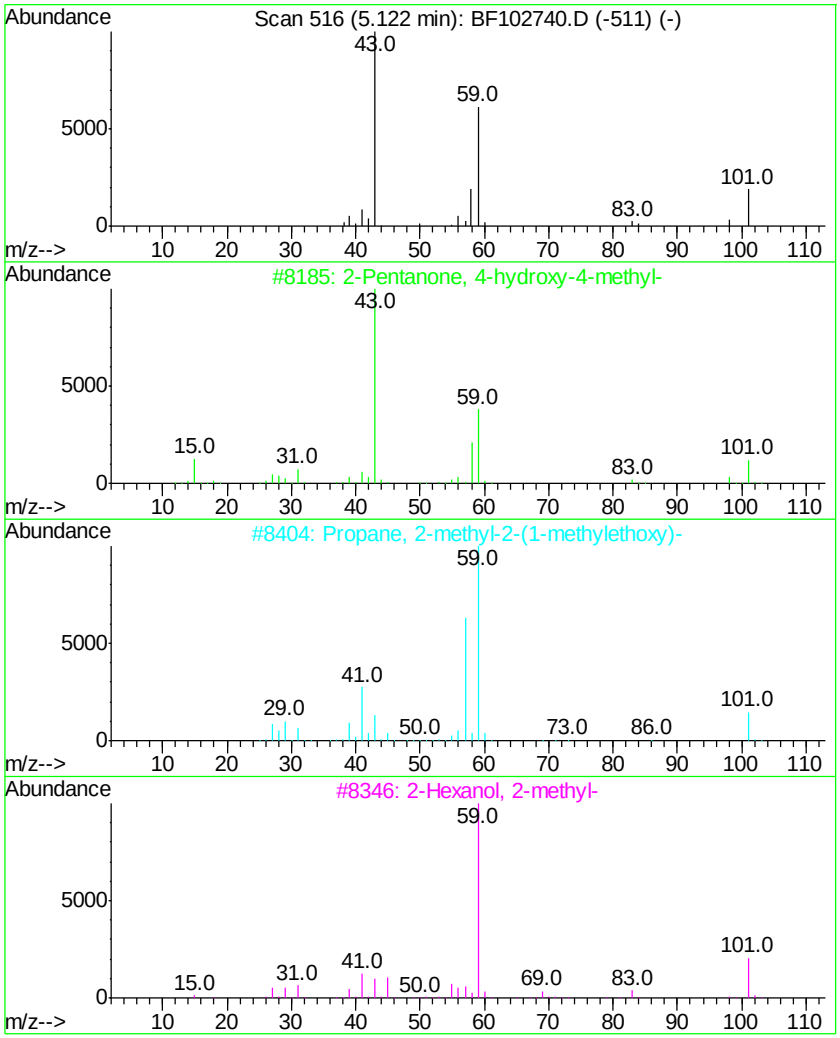
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

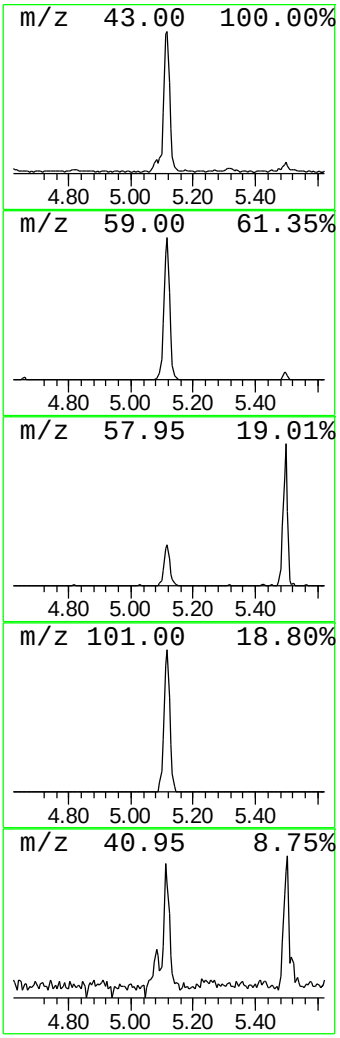
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.41 ng	150208	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	3-Octanol	130	C8H18O	000589-98-0	33
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102740.D
Acq On : 5 Feb 2018 16:17
Operator : SJ/JU
Sample : J1444-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

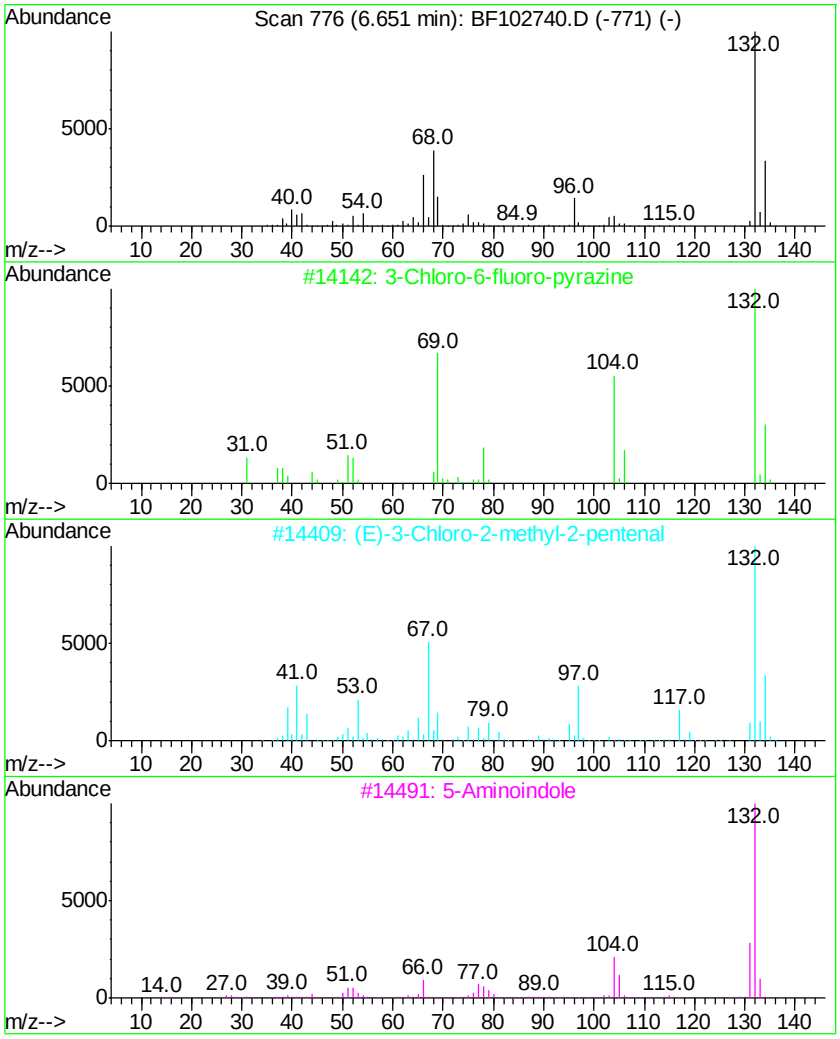
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

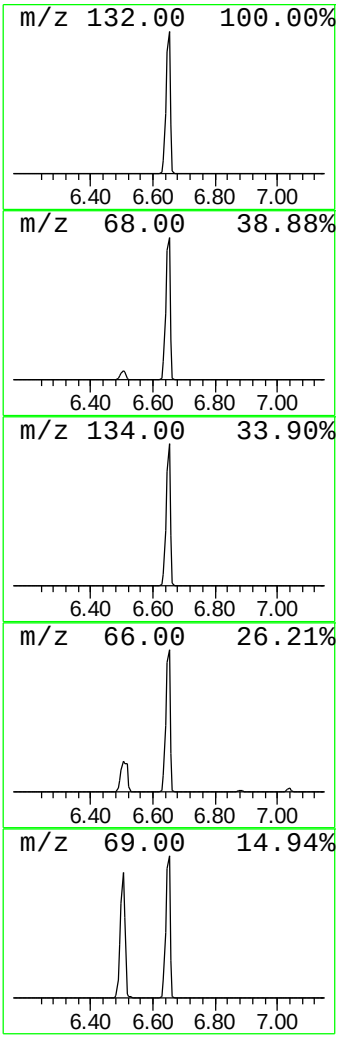
****

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	66.26 ng	4123070	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
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





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Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
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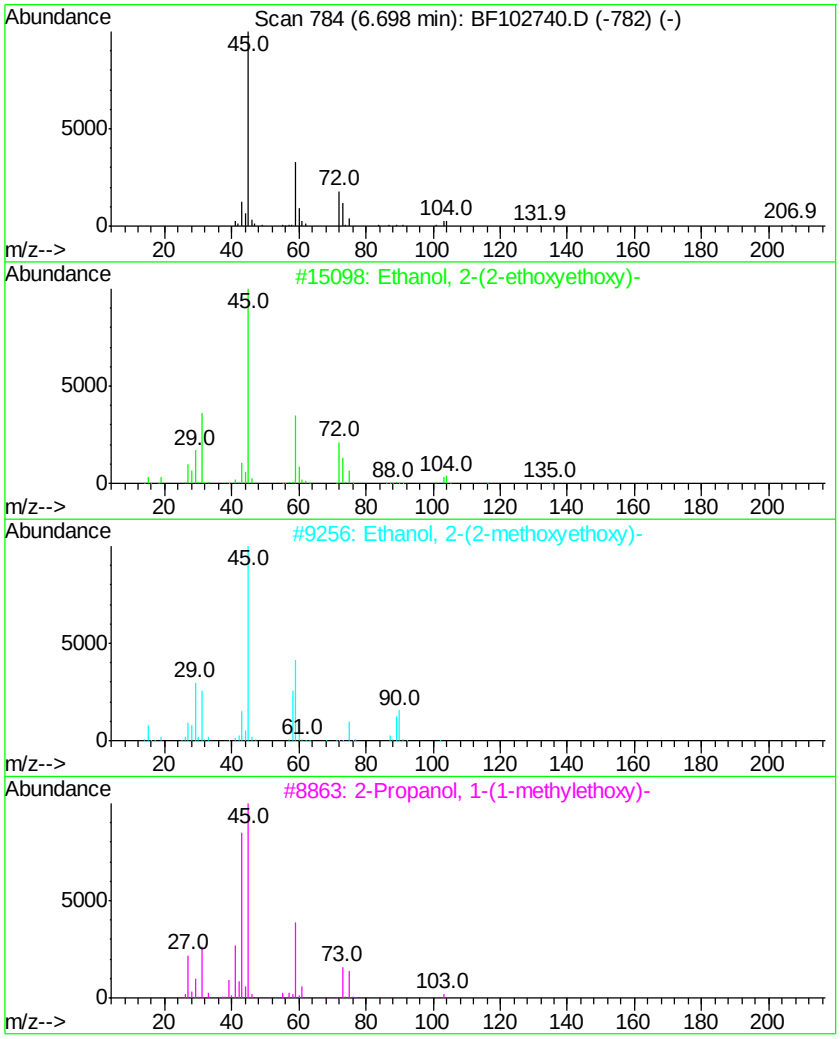
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

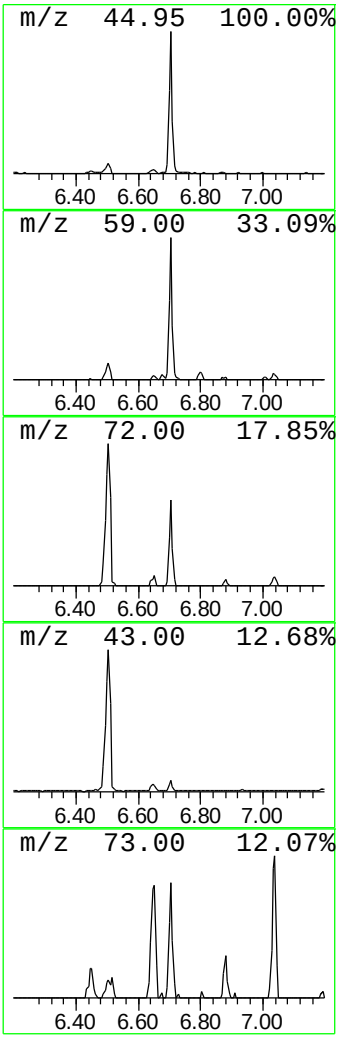
****

Peak Number 4 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	2.33 ng	145217	1,4-Dichlorobenzene-d4	6.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	50
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	39
4	.beta.-Methoxyethoxymethyl chloride	124	C4H9ClO2	003970-21-6	38
5	Ethanol, 2-[2-(2-propenyloxy)eth...	146	C7H14O3	015075-50-0	36





Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102740.D
Acq On : 5 Feb 2018 16:17
Operator : SJ/JU
Sample : J1444-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

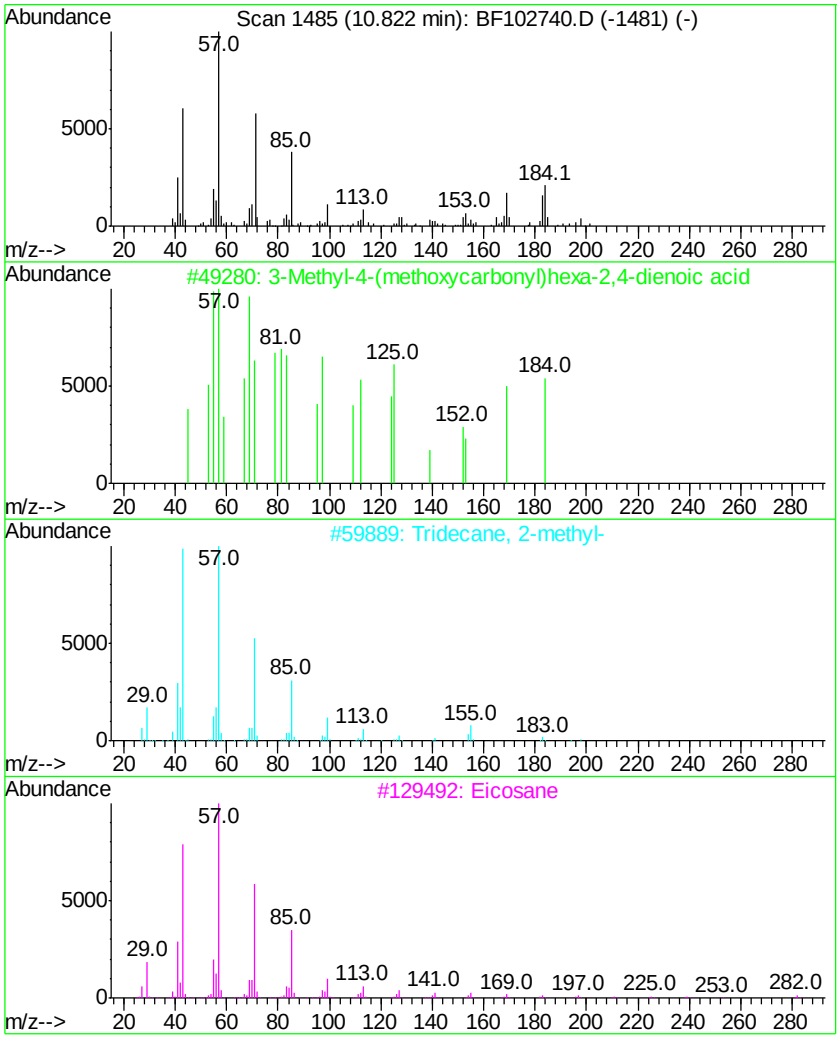
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

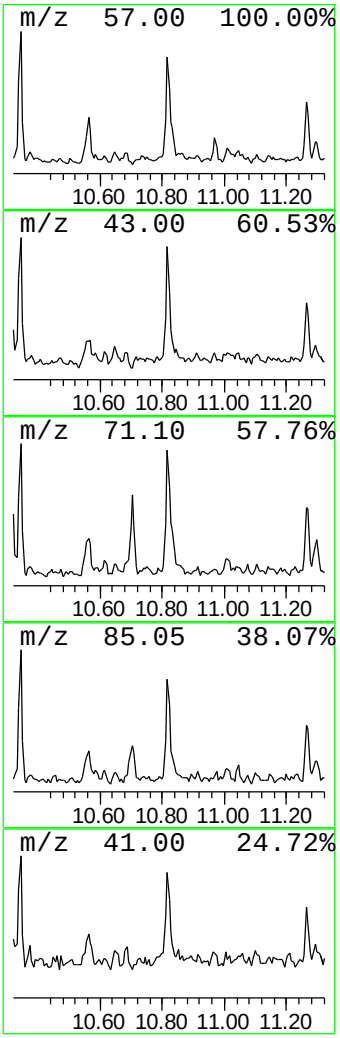
****

Peak Number 6 3-Methyl-4-(methoxycarbonyl... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	3.31 ng	231347	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	91
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
3	Eicosane	282	C20H42	000112-95-8	86
4	5-Ethyldecane	170	C12H26	017302-36-2	83
5	Heptacosane	380	C27H56	000593-49-7	80





Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102740.D
Acq On : 5 Feb 2018 16:17
Operator : SJ/JU
Sample : J1444-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

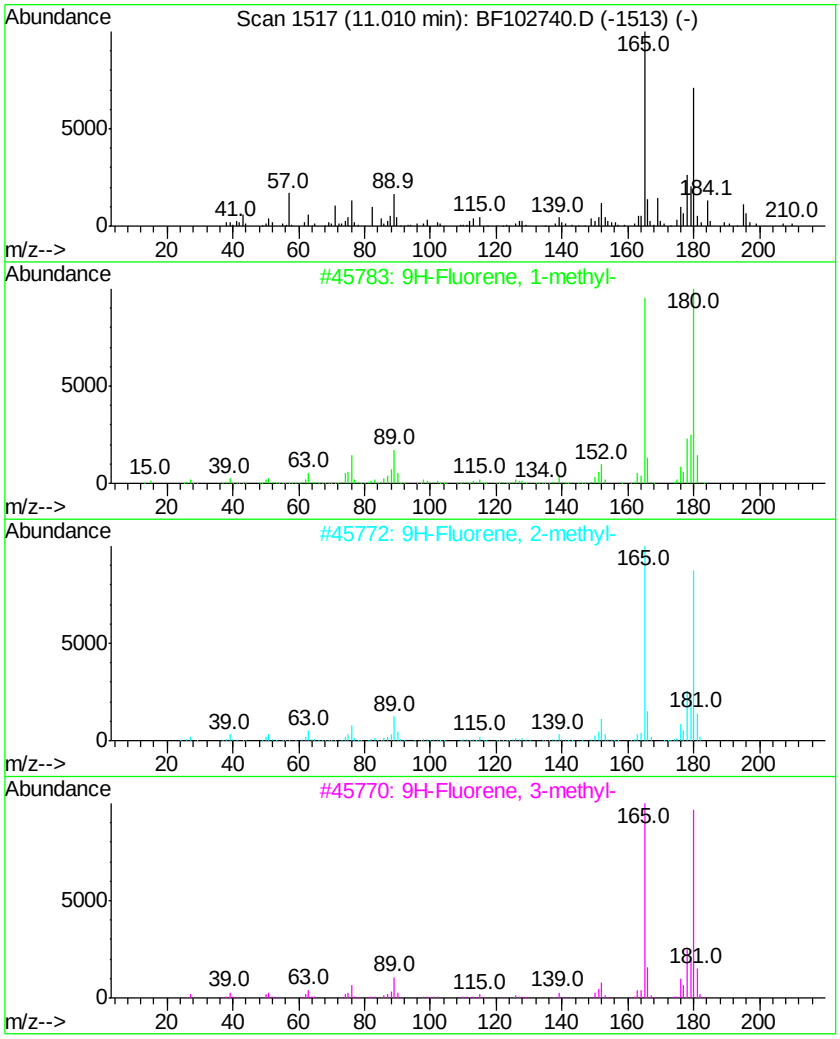
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

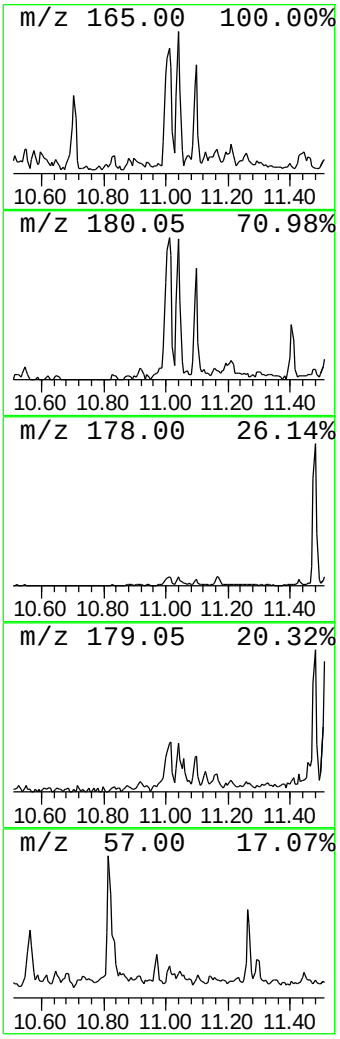
****

Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.01	2.43 ng	169638	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
5	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	68





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Data File : BF102740.D
Acq On : 5 Feb 2018 16:17
Operator : SJ/JU
Sample : J1444-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

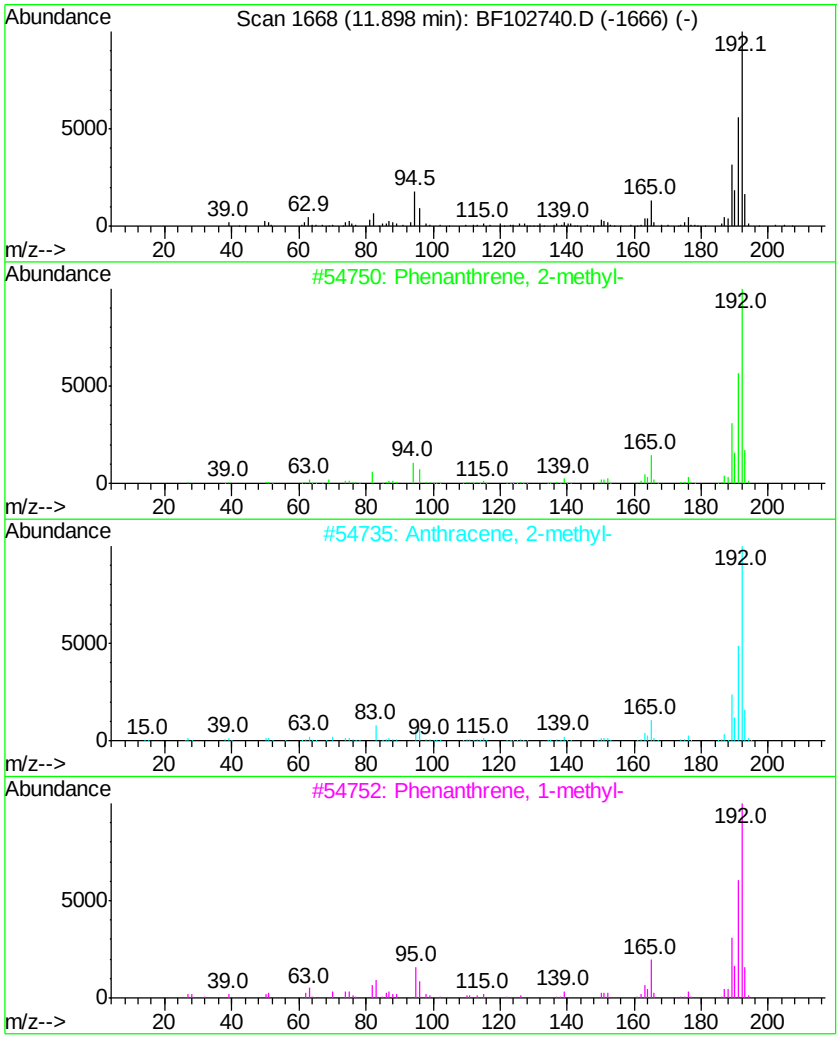
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

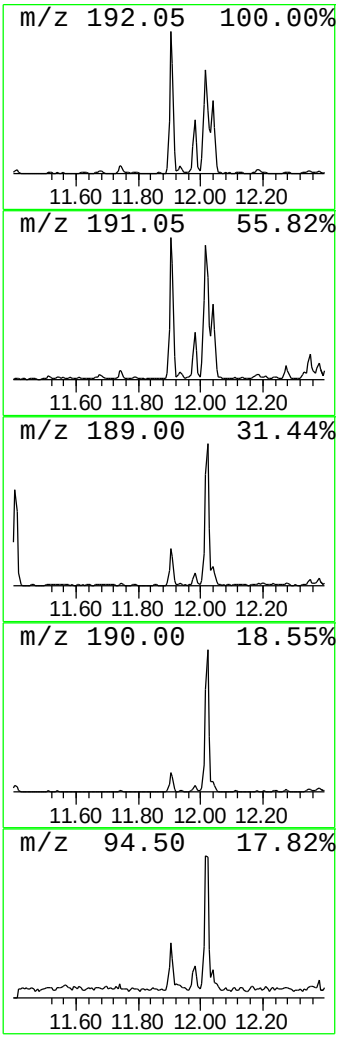
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	5.34 ng	372855	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Acq On : 5 Feb 2018 16:17
Operator : SJ/JU
Sample : J1444-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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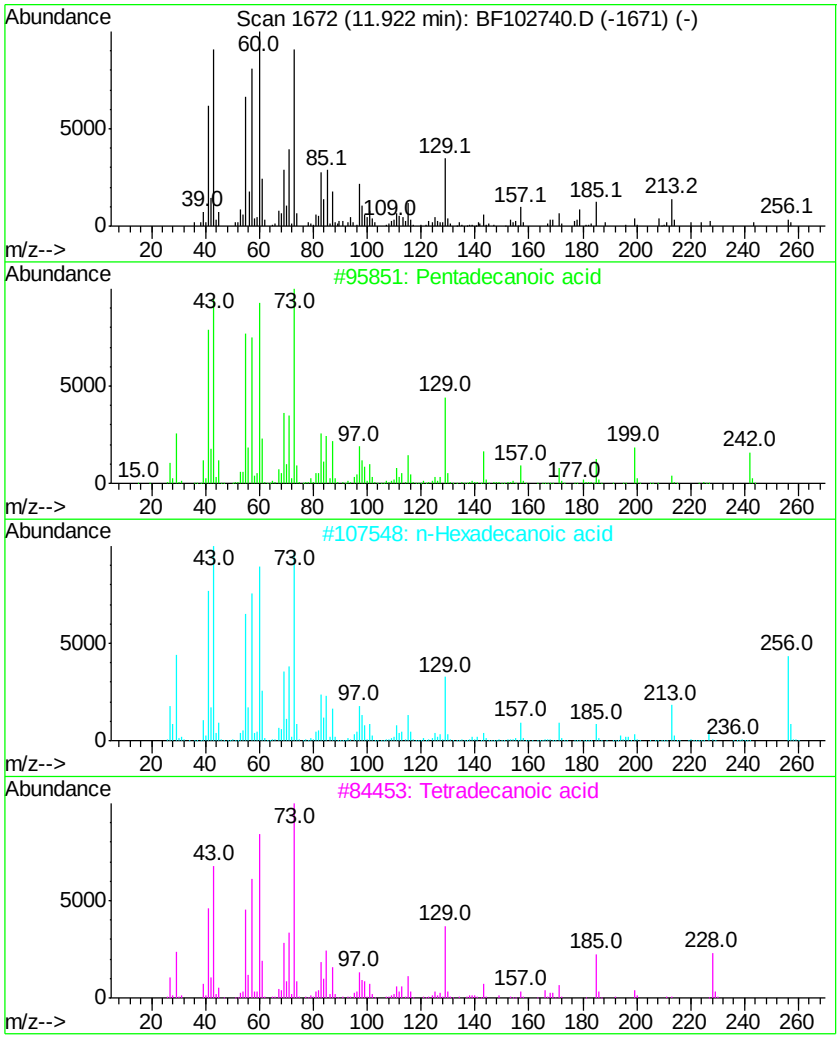
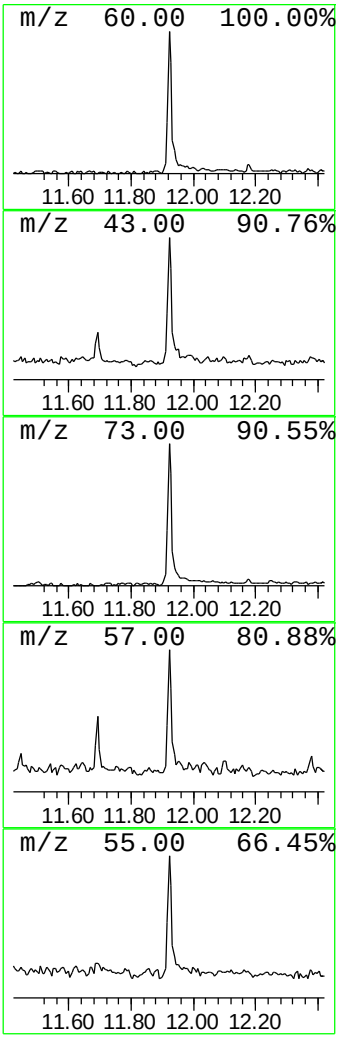
Peak Number 9 Pentadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.70 ng	258162	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	38





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Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

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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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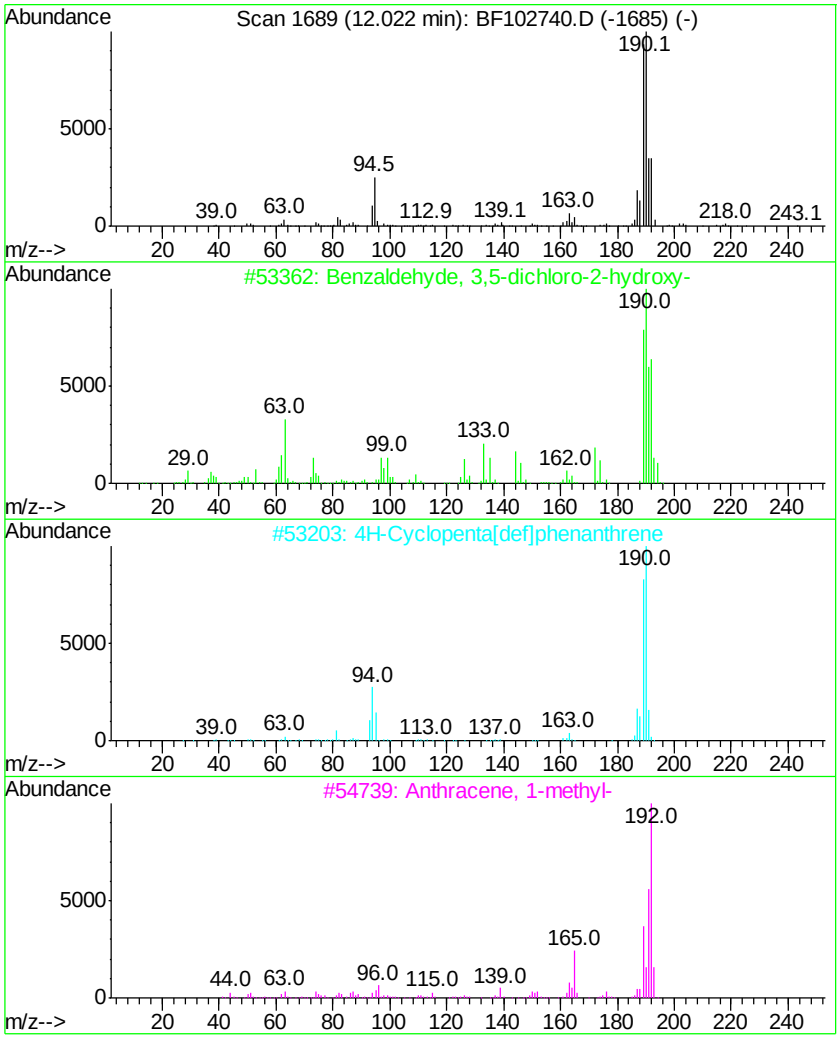
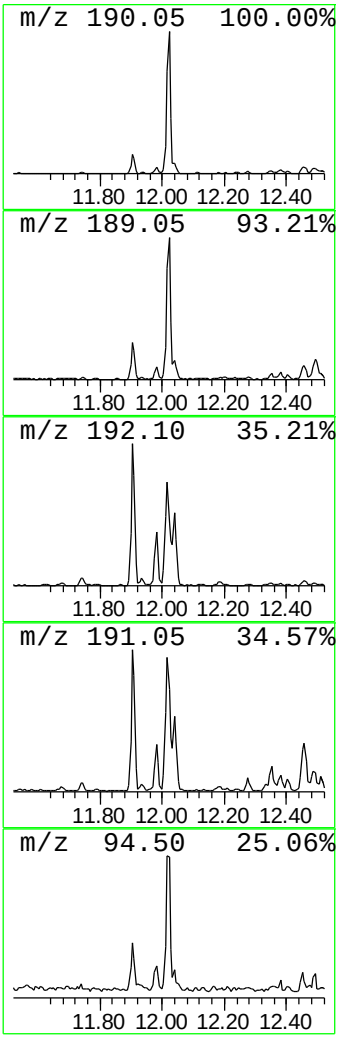
Peak Number 10 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	9.40 ng	656216	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





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Acq On : 5 Feb 2018 16:17
Operator : SJ/JU
Sample : J1444-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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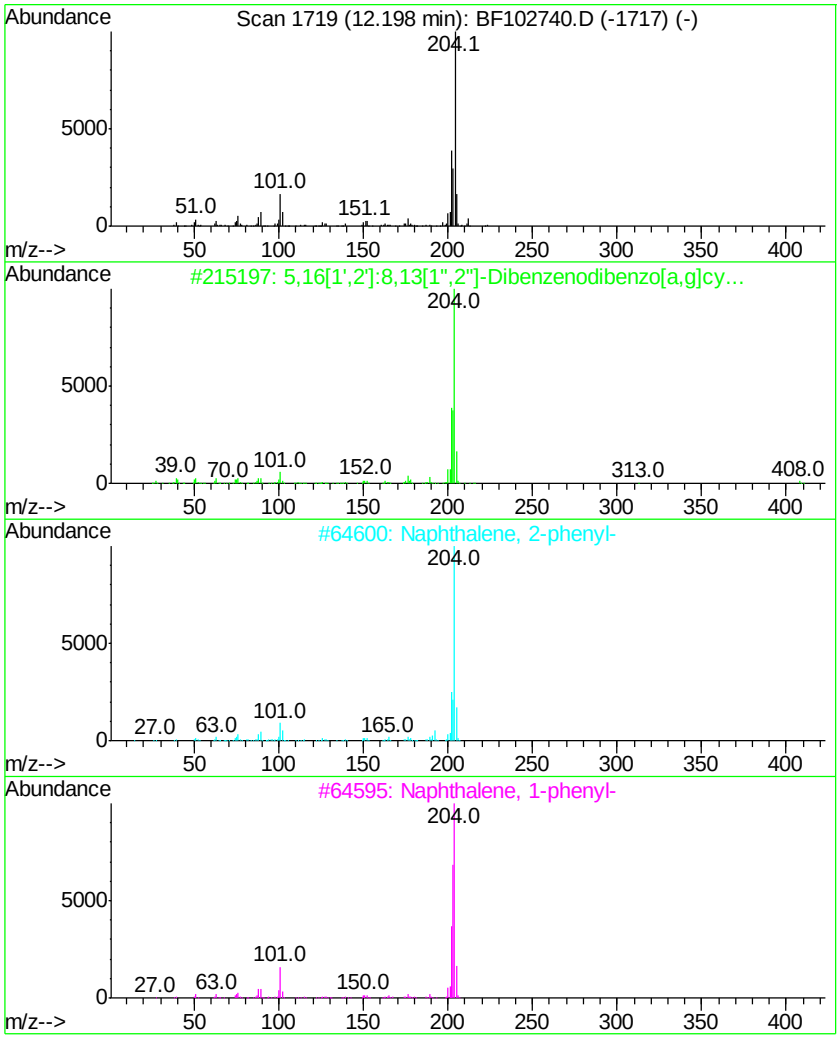
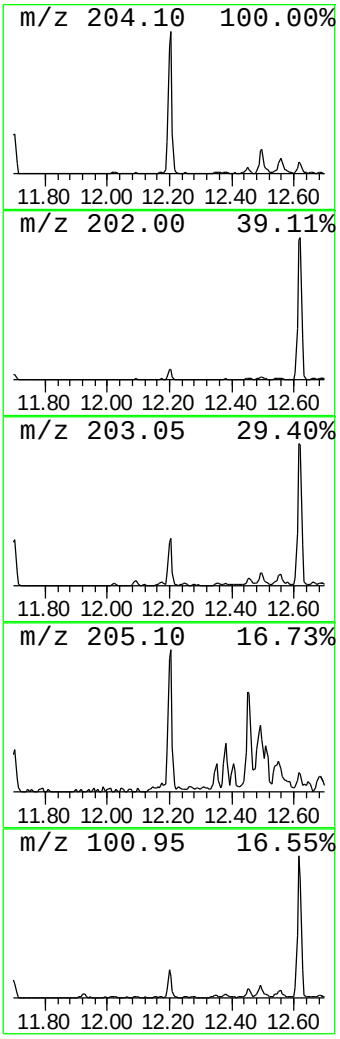
Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	3.63 ng	253243	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58





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Acq On : 5 Feb 2018 16:17
Operator : SJ/JU
Sample : J1444-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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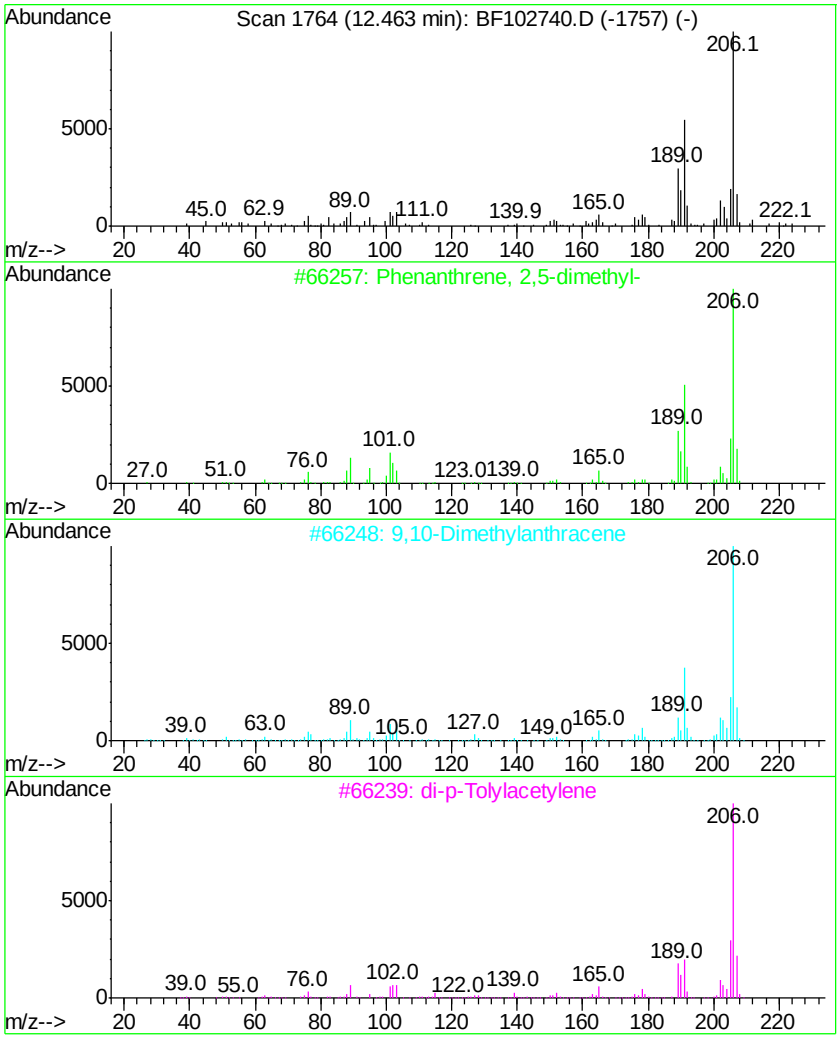
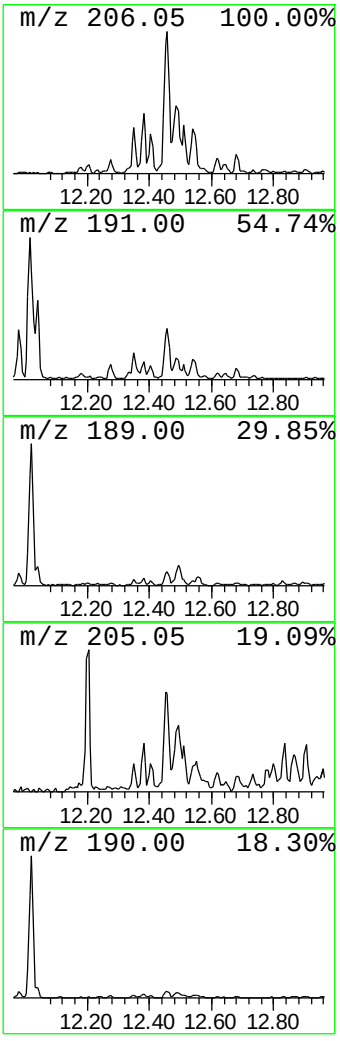
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.74 ng	260980	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	98
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93





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Acq On : 5 Feb 2018 16:17
Operator : SJ/JU
Sample : J1444-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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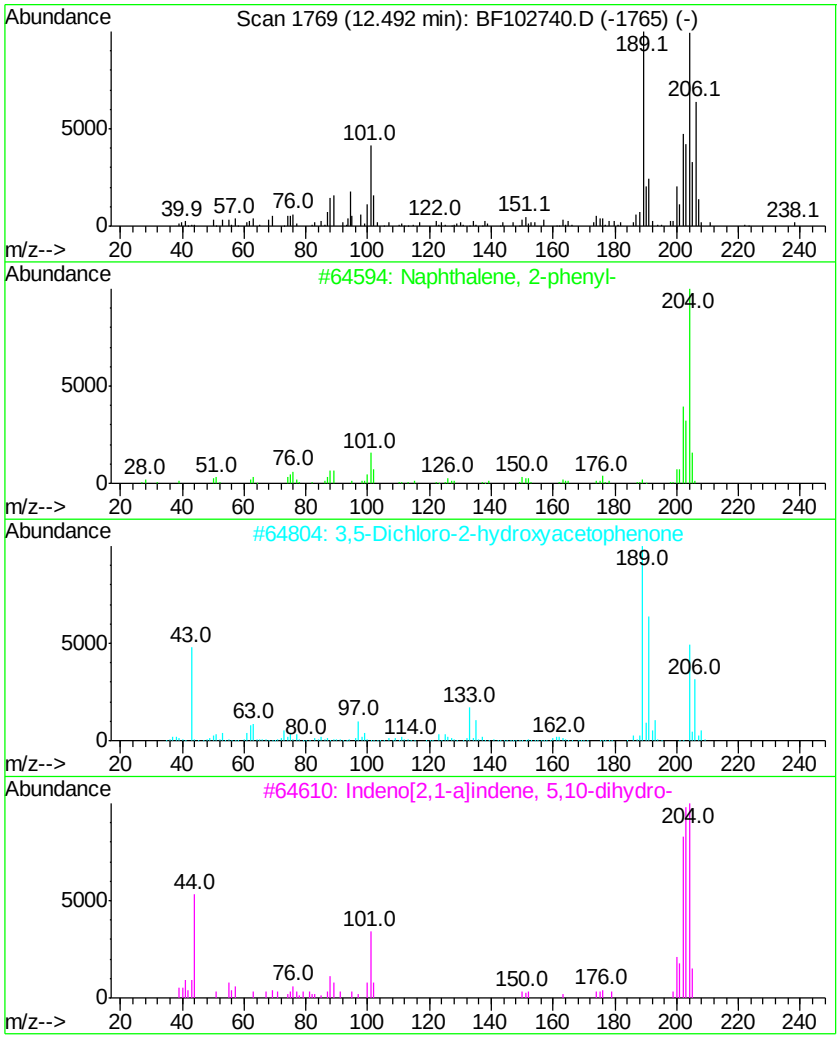
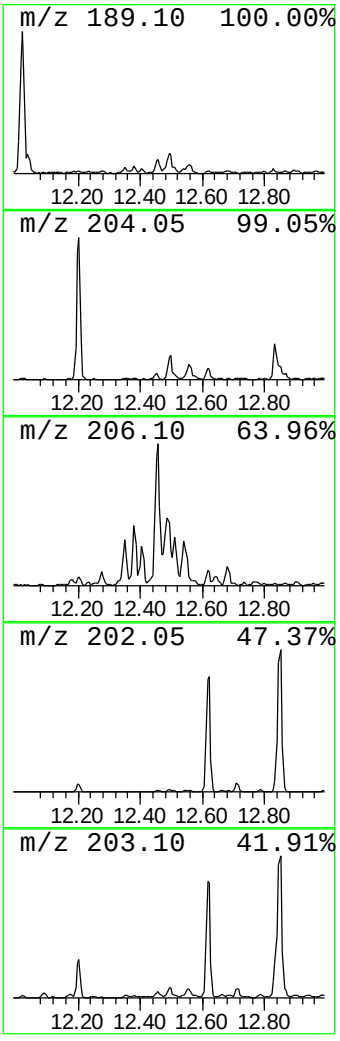
Peak Number 13 unknown12.49 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	3.24 ng	226367	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
2	3,5-Dichloro-2-hydroxyacetophenone	204	C8H6Cl2O2	003321-92-4	38
3	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	35
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	25
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	25





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Acq On : 5 Feb 2018 16:17
Operator : SJ/JU
Sample : J1444-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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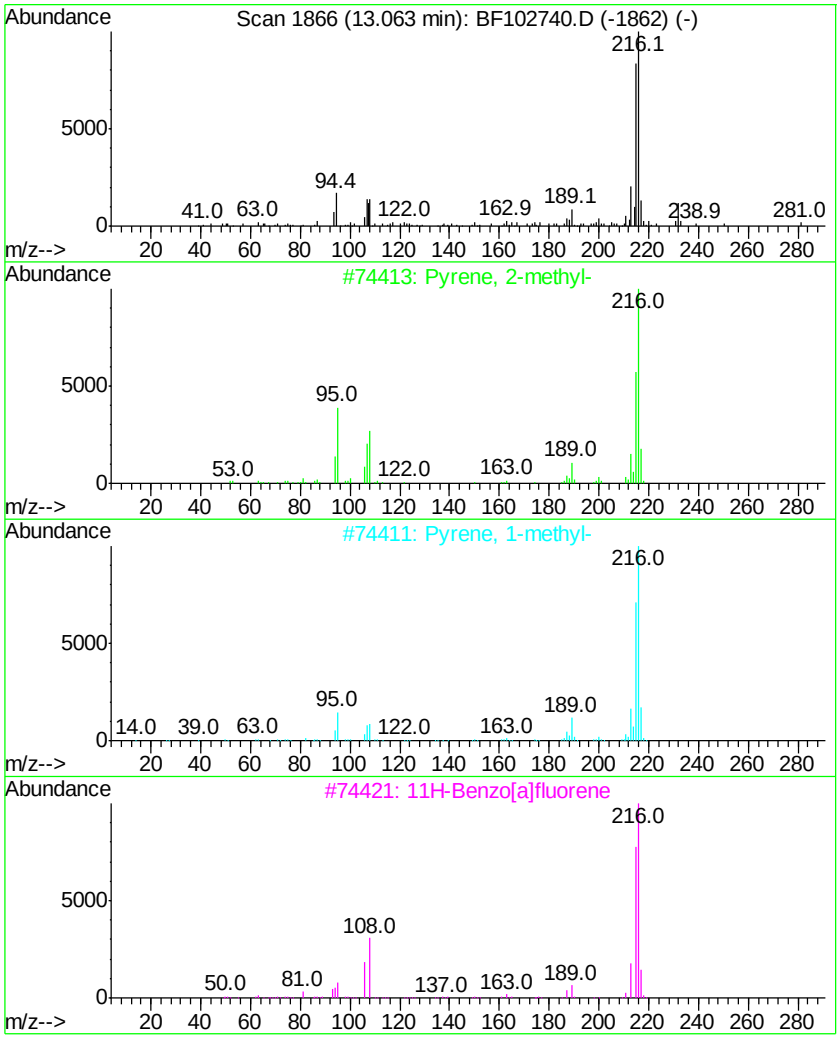
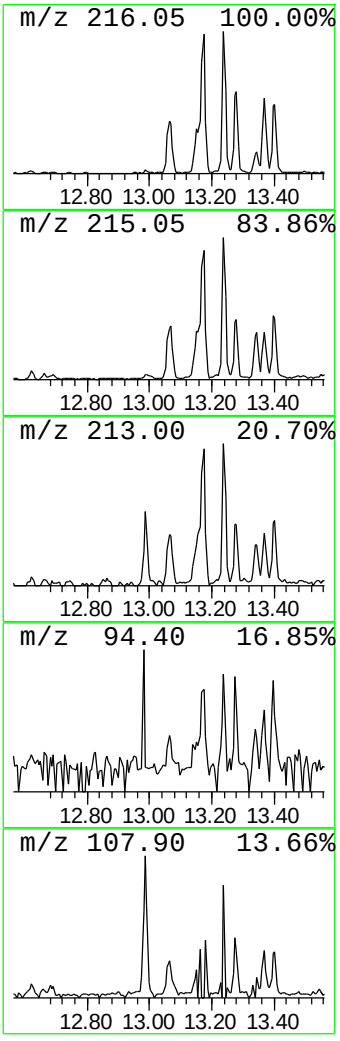
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.21 ng	173529	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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Acq On : 5 Feb 2018 16:17
Operator : SJ/JU
Sample : J1444-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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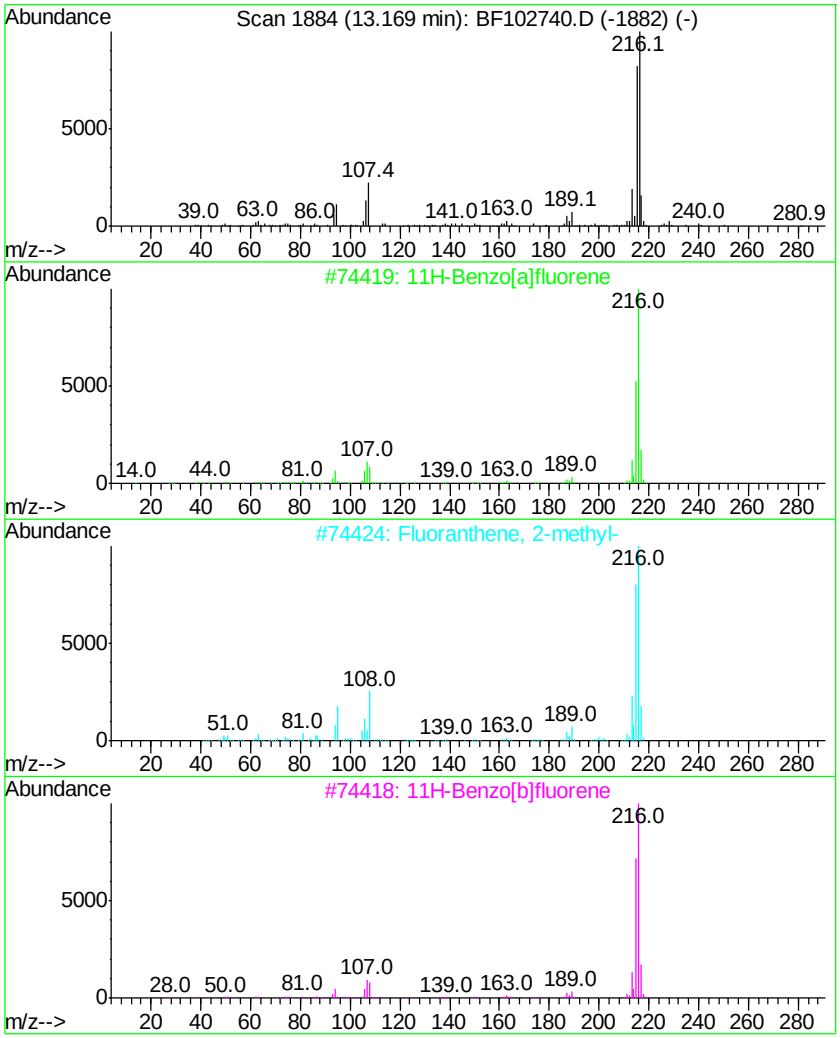
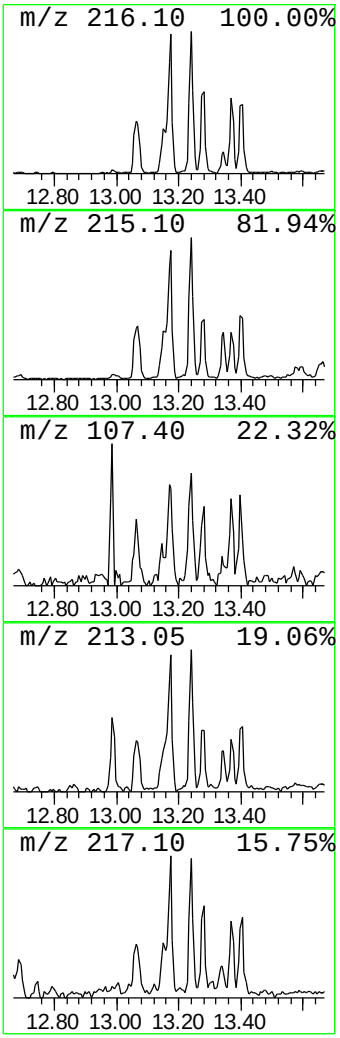
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	3.12 ng	245251	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Acq On : 5 Feb 2018 16:17
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Sample : J1444-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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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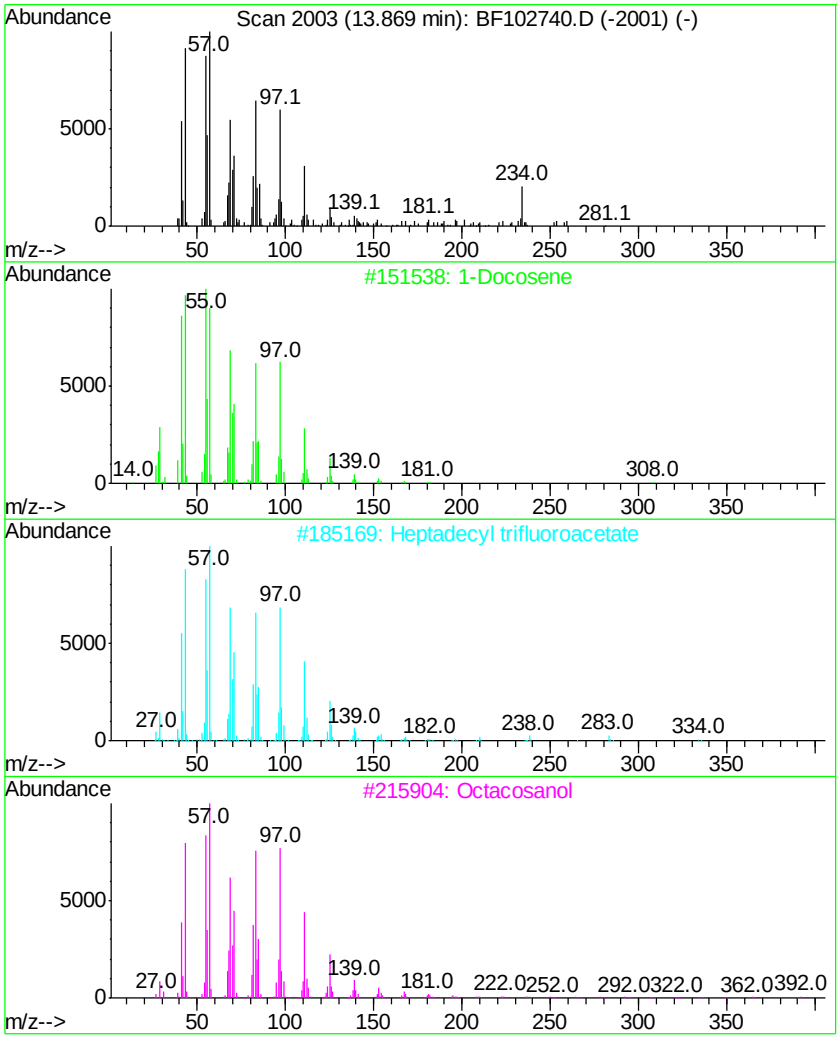
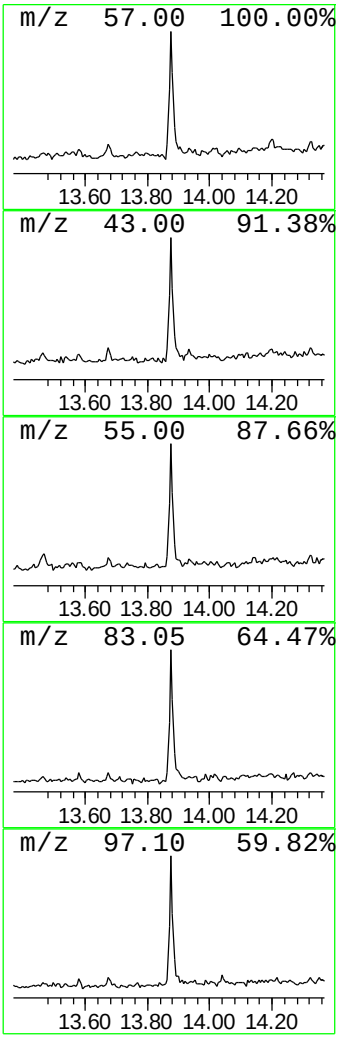
Peak Number 17 1-Docosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	3.36 ng	264112	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
3	Octacosanol	410	C28H58O	000557-61-9	91
4	Cycloeicosane	280	C20H40	000296-56-0	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF020518\
Data File : BF102740.D
Acq On : 5 Feb 2018 16:17
Operator : SJ/JU
Sample : J1444-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-PH3-MGP-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
Butane, 2-methoxy...	2.18	9.5	ng	589770	1	6.88	1244540	20.0
2-Pentanone, 4-hy...	5.12	2.4	ng	150208	1	6.88	1244540	20.0
unknown6.65	6.65	66.3	ng	4123070	1	6.88	1244540	20.0
Ethanol, 2-(2-eth...	6.70	2.3	ng	145217	1	6.88	1244540	20.0
3-Methyl-4-(metho...	10.82	3.3	ng	231347	4	11.40	1396830	20.0
9H-Fluorene, 1-me...	11.01	2.4	ng	169638	4	11.40	1396830	20.0
Phenanthrene, 2-m...	11.90	5.3	ng	372855	4	11.40	1396830	20.0
Pentadecanoic acid	11.92	3.7	ng	258162	4	11.40	1396830	20.0
Benzaldehyde, 3,5...	12.02	9.4	ng	656216	4	11.40	1396830	20.0
5,16[1',2']:8,13[...	12.20	3.6	ng	253243	4	11.40	1396830	20.0
Phenanthrene, 2,5...	12.46	3.7	ng	260980	4	11.40	1396830	20.0
unknown12.49	12.49	3.2	ng	226367	4	11.40	1396830	20.0
Pyrene, 2-methyl-	13.06	2.2	ng	173529	5	14.05	1570340	20.0
11H-Benzo[a]fluorene	13.17	3.1	ng	245251	5	14.05	1570340	20.0
1-Docosene	13.87	3.4	ng	264112	5	14.05	1570340	20.0