LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108603.D
Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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-BF080818.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	7.001	789	793	815	rBV	420036	697719	38.32%	2.971%
2	8.284	1007	1011	1022	rBV	760773	961196	52.78%	4.094%
3	9.001	1129	1133	1138	rBV	34059	53099	2.92%	0.226%
4	9.095	1146	1149	1153	rBV	39950	47856	2.63%	0.204%
5	9.295	1179	1183	1188	rBV2	52133	72124	3.96%	0.307%
6	9.425	1201	1205	1208	rBV4	33252	41912	2.30%	0.178%
7	9.672	1243	1247	1249	rBV4	34736	52136	2.86%	0.222%
8	9.695	1249	1251	1255	rVV2	41443	44769	2.46%	0.191%
9	9.736	1255	1258	1260	rBV3	83847	72623	3.99%	0.309%
10	9.807	1266	1270	1275	rBV2	131696	235977	12.96%	1.005%
11	9.895	1282	1285	1287	rBV2	82835	78011	4.28%	0.332%
12	9.942	1291	1293	1296	rVB3	96729	83126	4.56%	0.354%
13	9.983	1298	1300	1303	rBV2	80487	104446	5.74%	0.445%
14	10.019	1303	1306	1307	rVV3	93115	87006	4.78%	0.371%
15	10.042	1307	1310	1315	rVB2	1051302	1020305	56.03%	4.345%
16	10.207	1336	1338	1340	rBV2	69528	52906	2.91%	0.225%
17	10.236	1341	1343	1345	rVB2	68691	52935	2.91%	0.225%
18	10.442	1376	1378	1381	rVB2	163200	154704	8.50%	0.659%
19	10.483	1382	1385	1387	rBV	188715	196373	10.78%	0.836%
20	10.672	1412	1417	1420	rBV	365917	523097	28.73%	2.228%
21	10.936	1459	1462	1466	rBV	649837	706632	38.80%	3.009%
22	11.407	1538	1542	1544	rBV	585754	637439	35.01%	2.715%
23	11.466	1549	1552	1555	rVB	481479	446372	24.51%	1.901%
24	11.519	1558	1561	1563	rBV	554074	630404	34.62%	2.685%
25	11.548	1563	1566	1572	rVV2	1113562	1439814	79.07%	6.132%
26	11.613	1575	1577	1581	rBV	454131	431051	23.67%	1.836%
27	11.730	1594	1597	1599	rBV	811979	670941	36.84%	2.857%
28	11.754	1599	1601	1604	rVB	261463	250658	13.76%	1.068%
29	11.907	1623	1627	1630	rBV	2122096	1820994	100.00%	7.755%
30	11.977	1637	1639	1646	rVB	351732	338266	18.58%	1.441%
31	12.154	1667	1669	1672	rVB	302764	243395	13.37%	1.037%
32	12.324	1695	1698	1701	rBV	811376	663769	36.45%	2.827%
33	13.060	1821	1823	1825	rBV	234233	207823	11.41%	0.885%
34	13.271	1857	1859	1862	rVB2	367266	332605	18.27%	1.416%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
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Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.495	1894	1897	1899	rBV2	219110	215360	11.83%	0.917%
36	13.583	1910	1912	1916	rBV4	210569	291274	16.00%	1.240%
37	13.813	1949	1951	1953	rBV3	161759	165993	9.12%	0.707%
38	13.842	1953	1956	1959	rVV3	304605	340888	18.72%	1.452%
39	13.901	1961	1966	1972	rVV7	246829	496928	27.29%	2.116%
40	14.018	1984	1986	1992	rVB5	259899	342781	18.82%	1.460%
41	14.113	1999	2002	2003	rBV3	124636	131488	7.22%	0.560%
42	14.154	2006	2009	2010	rVV3	255829	249309	13.69%	1.062%
43	14.195	2014	2016	2021	rVB	945294	1076893	59.14%	4.586%
44	14.248	2023	2025	2026	rBV2	160924	130980	7.19%	0.558%
45	14.330	2036	2039	2044	rVB2	454965	558339	30.66%	2.378%
46	14.377	2044	2047	2050	rBV2	375321	429902	23.61%	1.831%
47	14.460	2056	2061	2062	rBV4	256750	333040	18.29%	1.418%
48	14.501	2066	2068	2072	rVV2	381379	372752	20.47%	1.587%
49	14.560	2074	2078	2082	rVV3	318331	432194	23.73%	1.841%
50	14.624	2086	2089	2095	rVB3	357028	486701	26.73%	2.073%
51	14.677	2095	2098	2101	rBV2	338469	409251	22.47%	1.743%
52	14.760	2109	2112	2116	rBV3	220946	297402	16.33%	1.267%
53	14.807	2118	2120	2126	rVB3	198358	256440	14.08%	1.092%
54	14.871	2127	2131	2135	rBV	278585	387886	21.30%	1.652%
55	14.948	2141	2144	2148	rVB2	266734	302287	16.60%	1.287%
56	15.007	2150	2154	2163	rVB2	227172	376466	20.67%	1.603%
57	15.089	2166	2168	2172	rBV3	65024	63690	3.50%	0.271%
58	15.218	2186	2190	2197	rVB	168109	241130	13.24%	1.027%
59	15.307	2201	2205	2209	rVV2	191330	242072	13.29%	1.031%
60	15.365	2213	2215	2227	rVB5	77732	126341	6.94%	0.538%
61	15.612	2254	2257	2266	rVB2	60627	90319	4.96%	0.385%
62	15.712	2270	2274	2277	rVV	128320	199544	10.96%	0.850%
63	15.754	2277	2281	2290	rVB	467857	687821	37.77%	2.929%
64	16.189	2350	2355	2362	rVB	96636	174467	9.58%	0.743%
65	16.736	2443	2448	2455	rVB2	45376	85557	4.70%	0.364%
66	17.383	2554	2558	2564	rVB7	18247	32791	1.80%	0.140%

Sum of corrected areas: 23480769

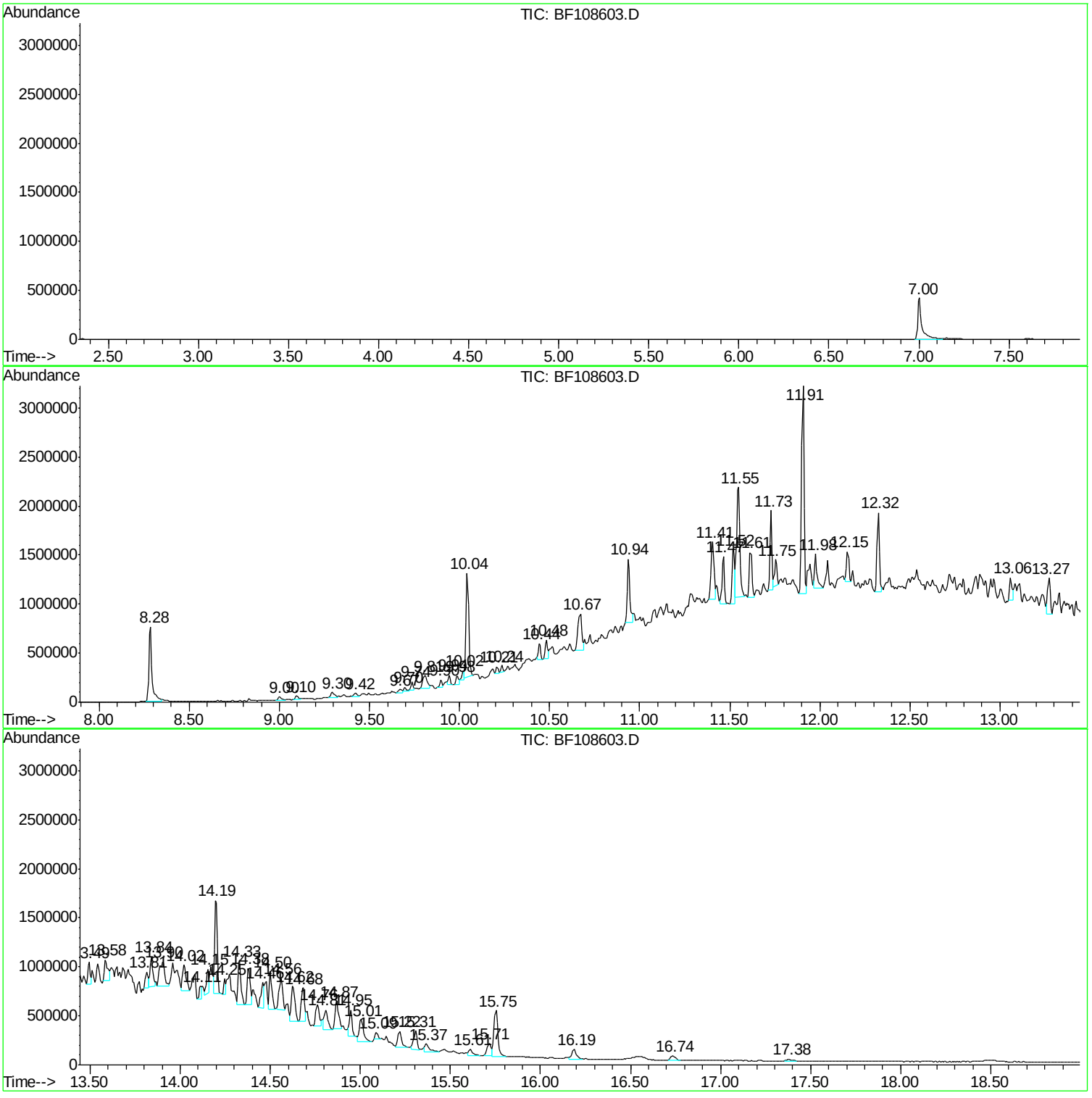
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108603.D
Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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\BF082918\
Data File : BF108603.D
Acq On : 29 Aug 2018 14:38
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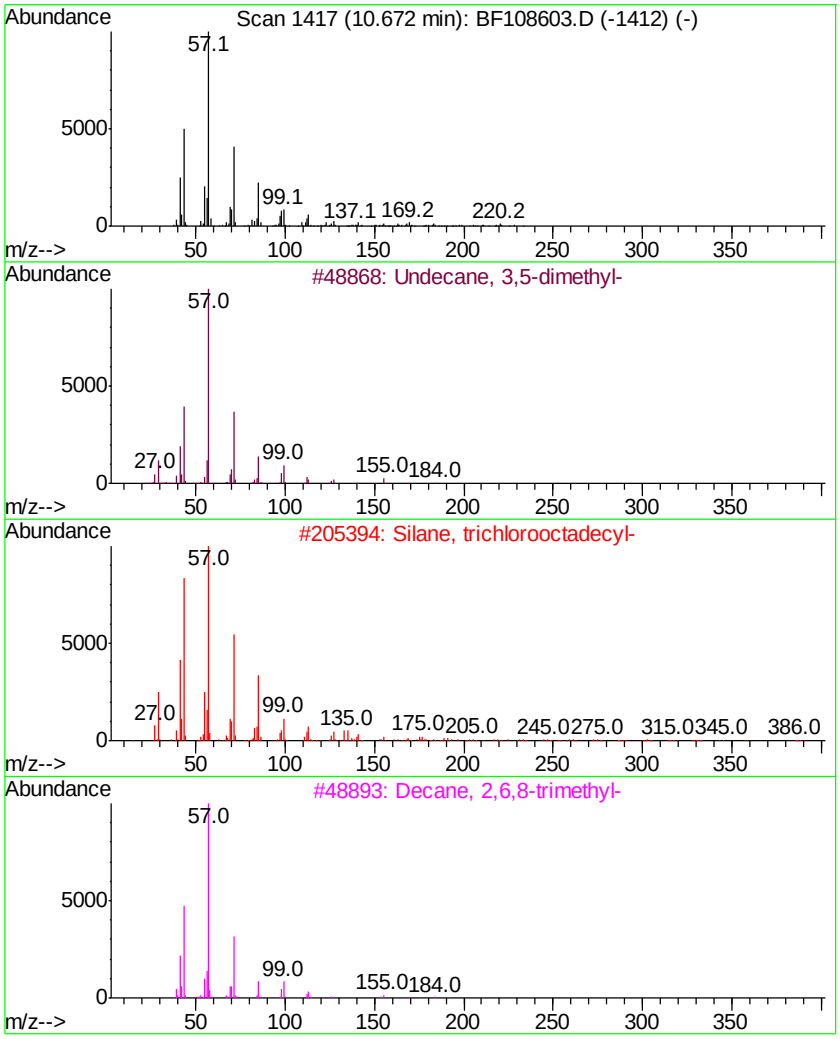
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

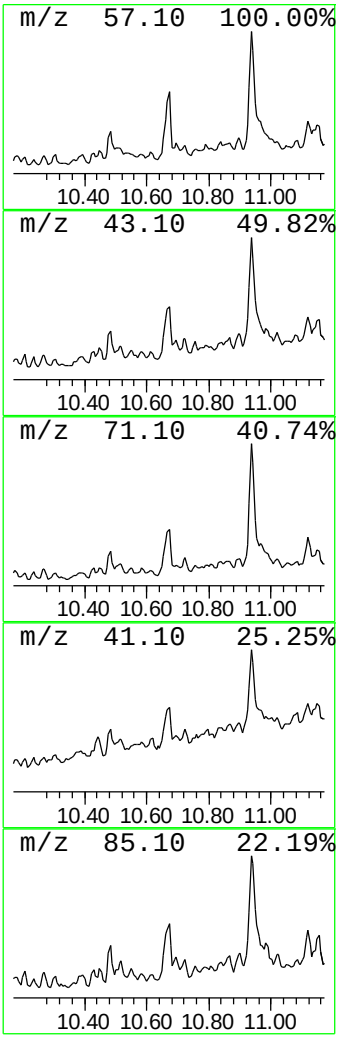
****

Peak Number 1 Undecane, 3,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	10.25 ng	523097	Acenaphthene-d10	10.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	81
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	80
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
5	Heptacosane	380	C27H56	000593-49-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108603.D
Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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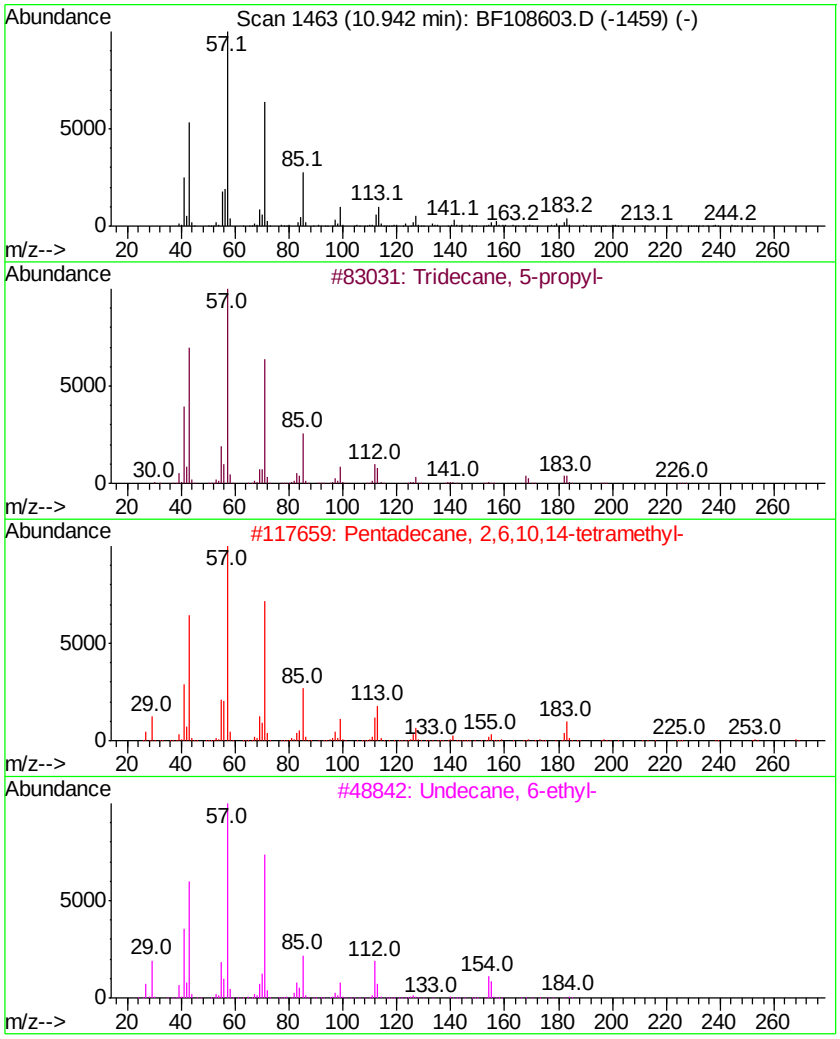
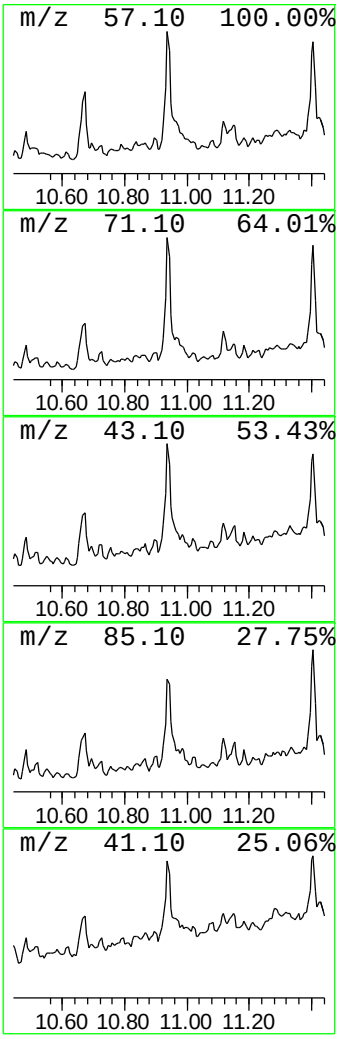
Peak Number 2 Tridecane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	9.82 ng	706632	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	76
4	Heptacosane	380	C27H56	000593-49-7	64
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108603.D
Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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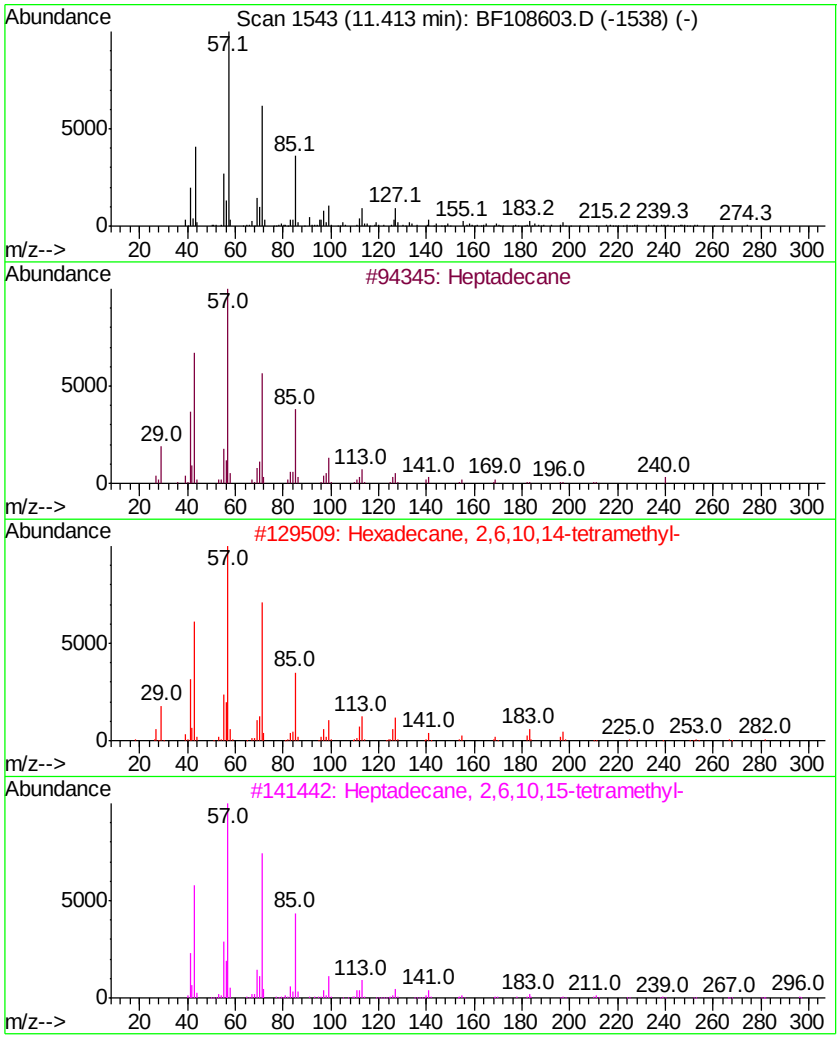
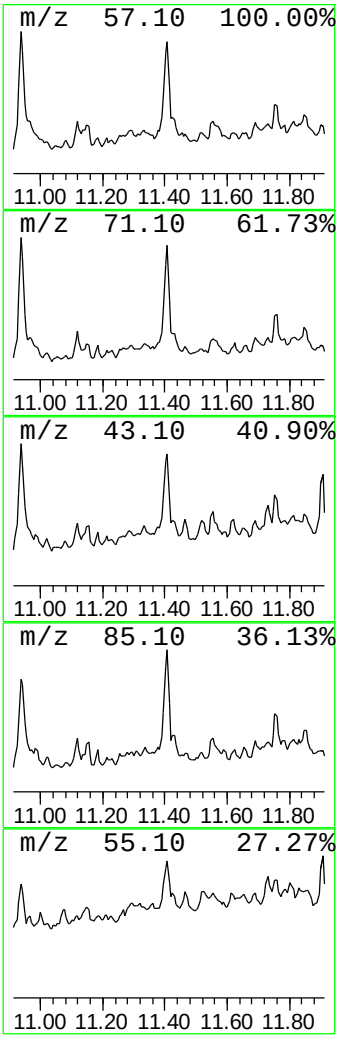
Peak Number 3 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	8.85 ng	637439	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
5	Hexadecane	226	C16H34	000544-76-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108603.D
Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

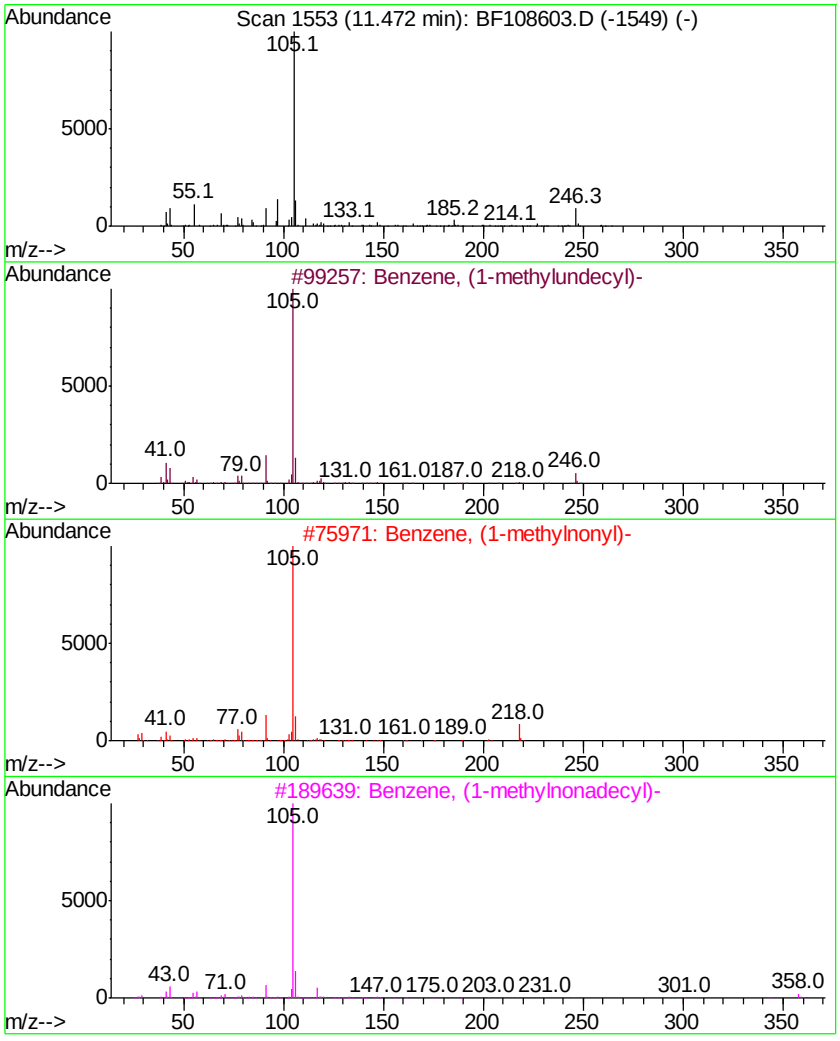
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

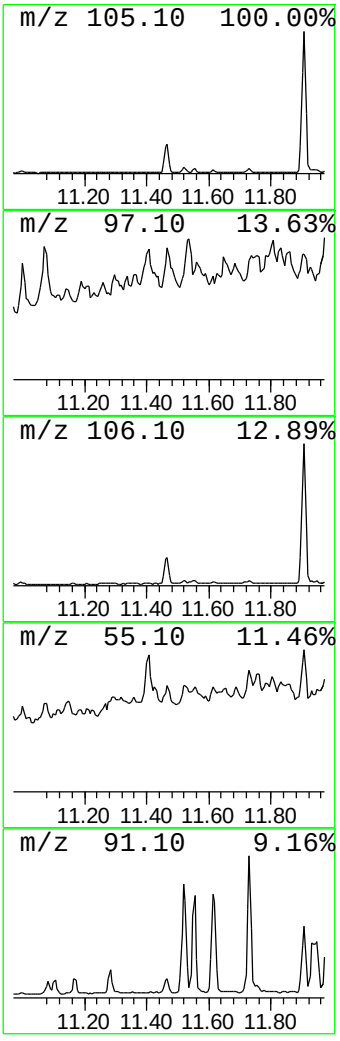
****

Peak Number 4 Benzene, (1-methylundecyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	6.20 ng	446372	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	87
2	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	59
3	Benzene, (1-methylnonadecyl)-	358	C26H46	002398-66-5	53
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	53
5	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108603.D
Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

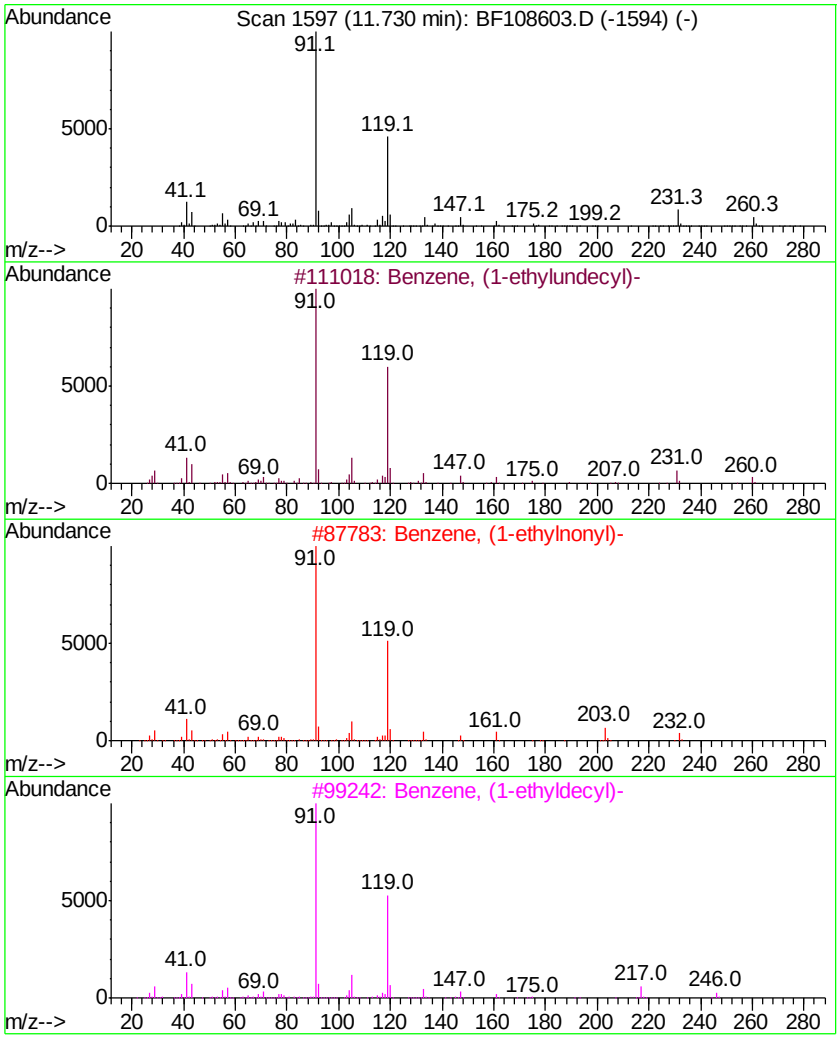
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

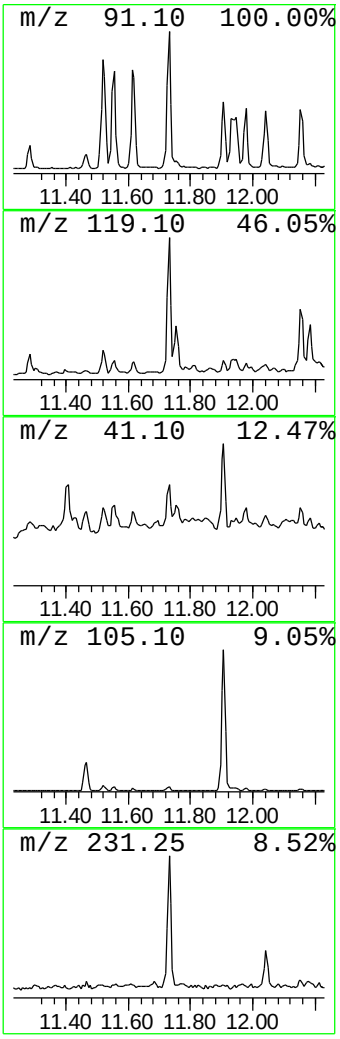
****

Peak Number 5 Benzene, (1-ethylundecyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	9.32 ng	670941	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	95
2	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	64
3	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	56
4	Hexane, 3,4-diphenyl-	238	C18H22	005789-31-1	53
5	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	53





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Data File : BF108603.D
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Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

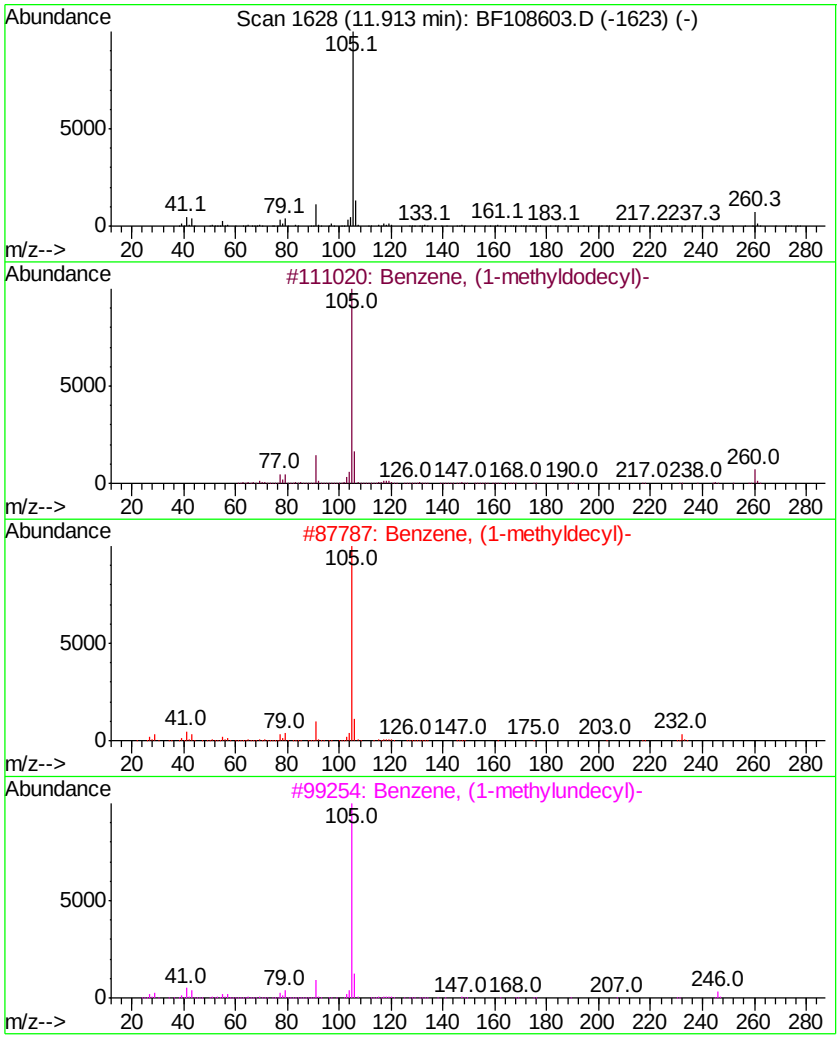
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

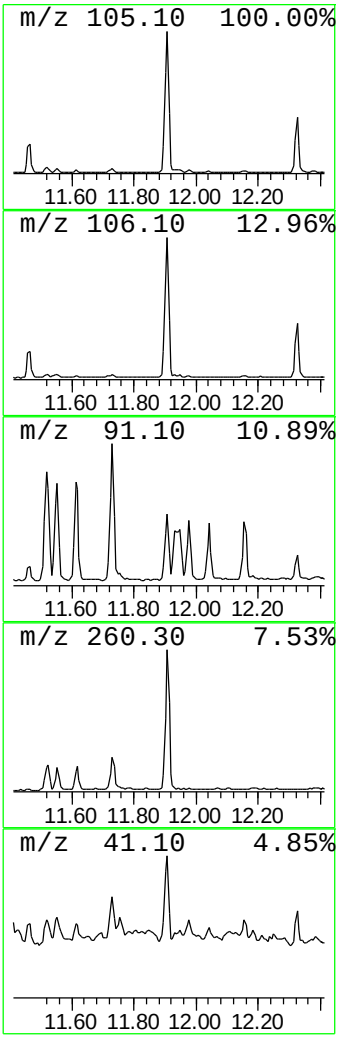
****

Peak Number 6 Benzene, (1-methyldodecyl)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	25.29 ng	1820990	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	93
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	80
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	80
4	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	72
5	1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1000194-52-4	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108603.D
Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

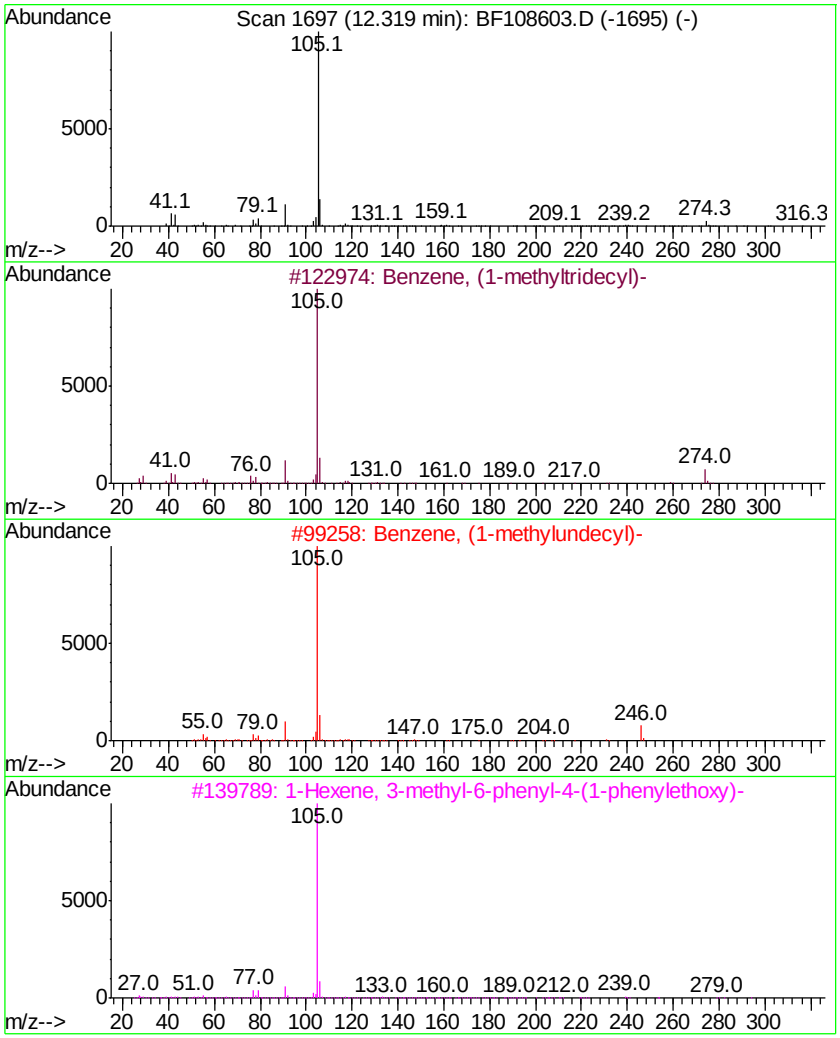
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

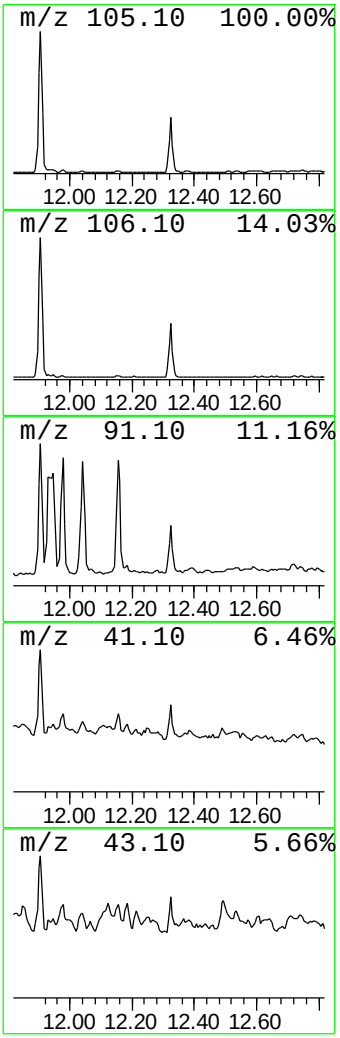
****

Peak Number 7 Benzene, (1-methyltridecyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	9.22 ng	663769	Phenanthrene-d10	11.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	76
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	64
3	1-Hexene, 3-methyl-6-phenyl-4-(1...	294	C21H26O	1000194-52-4	64
4	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	64
5	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	64





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Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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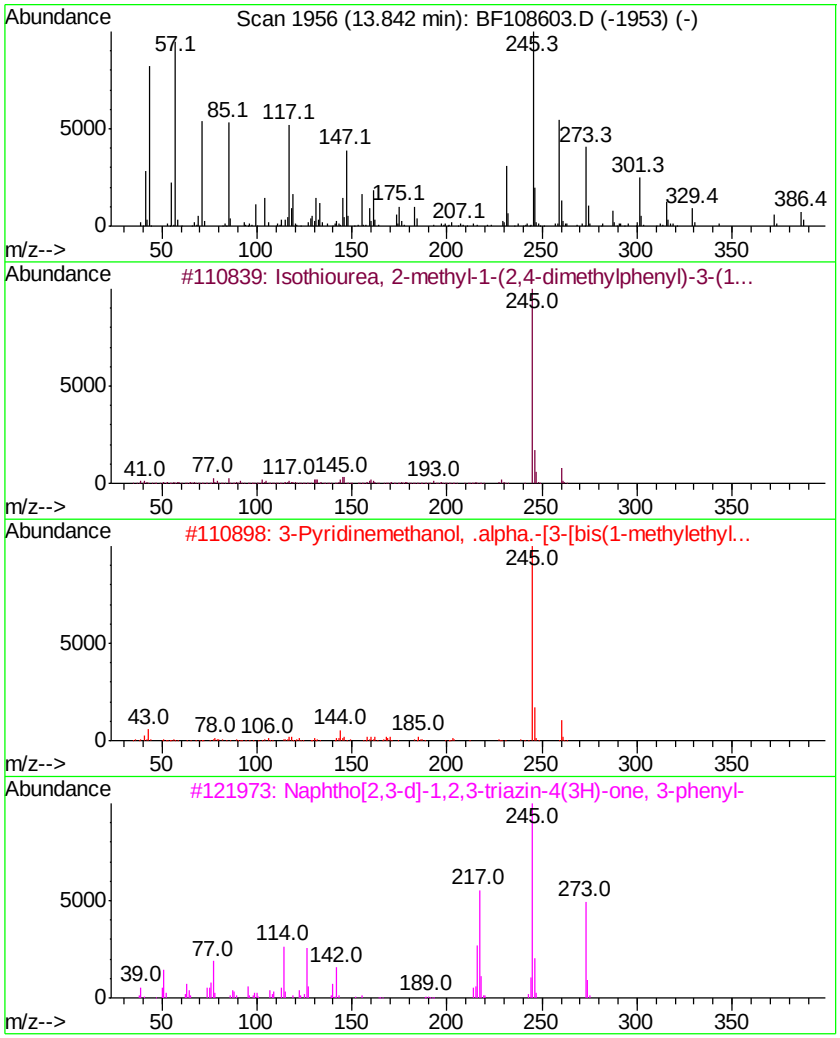
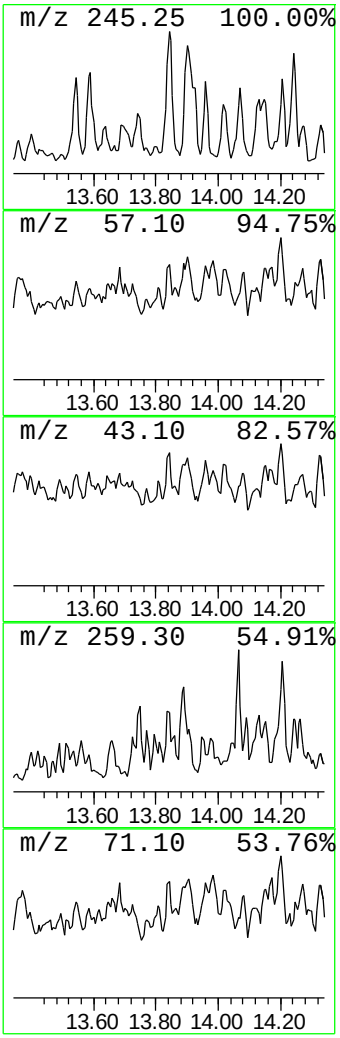
Peak Number 8 unknown13.84 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	6.33 ng	340888	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isothiourea, 2-methyl-1-(2,4-dim...	260	C15H20N2S	1000267-73-5	18
2	3-Pyridinemethanol, .alpha.-[3-[...	260	C16H24N2O	1000337-80-3	18
3	Naphtho[2,3-d]-1,2,3-triazin-4(3...	273	C17H11N3O	019275-09-3	14
4	Sulfide, 2-(diphenylphosphino)et...	260	C15H17PS	020859-51-2	14
5	2-Furancarboxamide, N-[2-[(cyclo...	316	C18H24N2O3	1000337-38-3	14





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Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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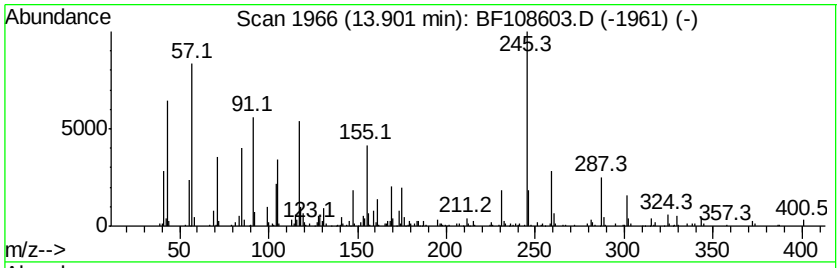
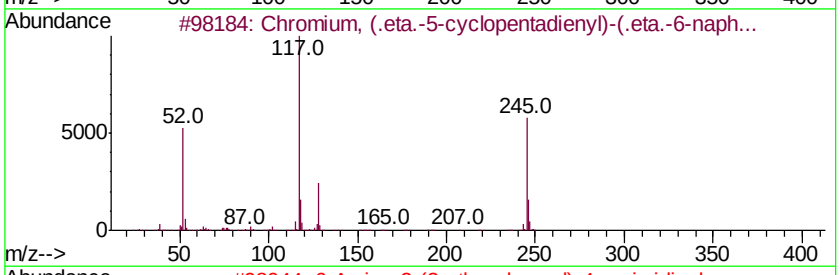
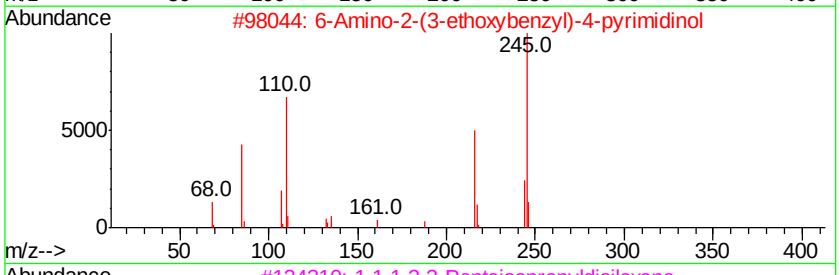
Peak Number 9 unknown13.90 Concentration Rank 7

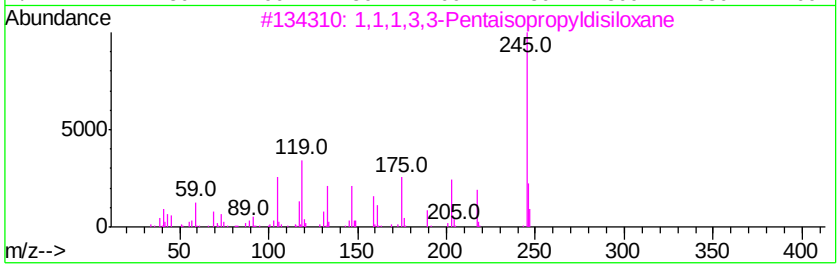
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	9.23 ng	496928	Chrysene-d12	14.19

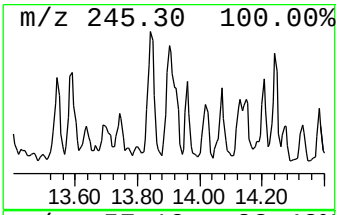
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chromium, (.eta.-5-cyclopentadie...	245	C15H13Cr	1000158-73-9	16
2	6-Amino-2-(3-ethoxybenzyl)-4-pyr...	245	C13H15N3O2	1000327-11-5	16
3	1,1,1,3,3-Pentaisopropyldisiloxane	288	C15H36OSi2	1000306-57-8	16
4	Pyridine, 2-(4-bromomethylphenyl...	324	C12H9BrN2O2S	1000266-40-1	14
5	2,3-Dihydro-4-methoxy-6,7-methyl...	245	C13H11NO4	094521-55-8	14

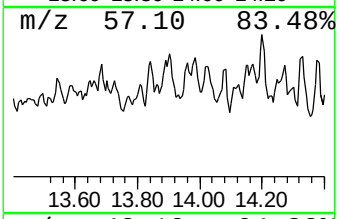


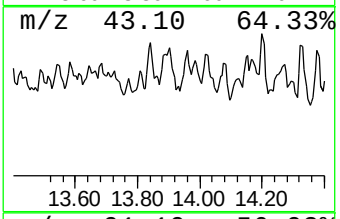


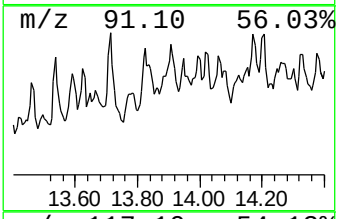


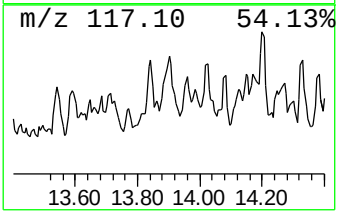












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Data File : BF108603.D
Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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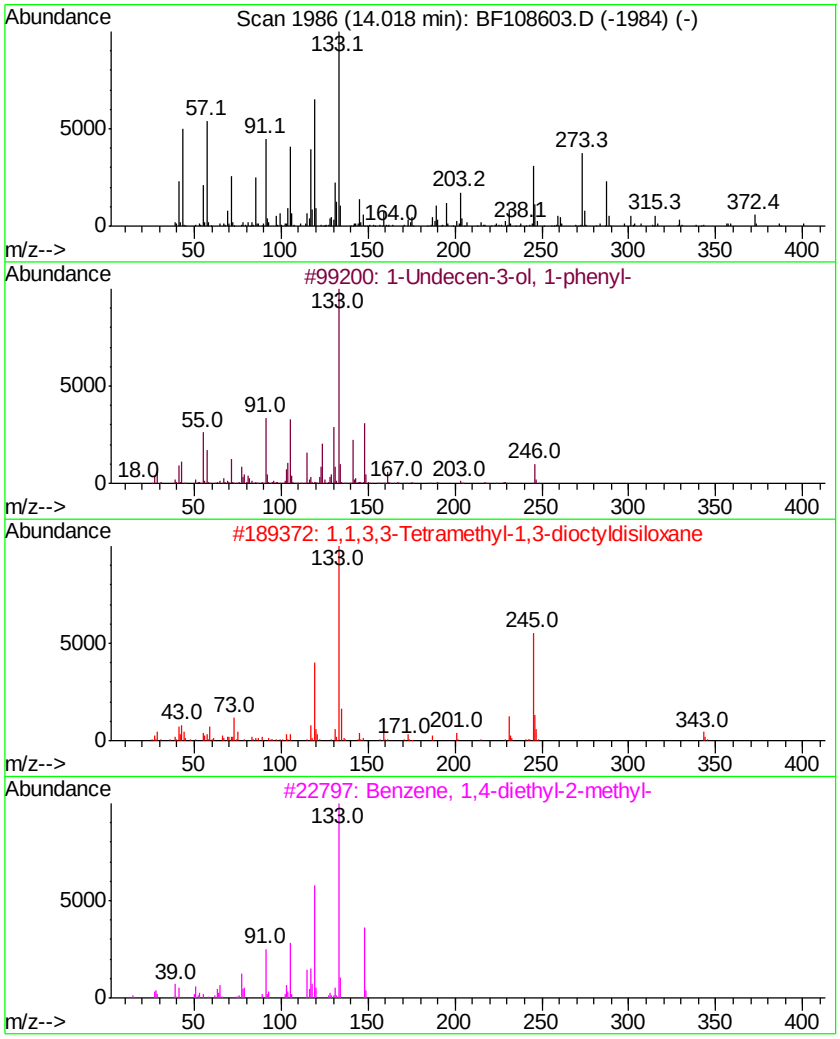
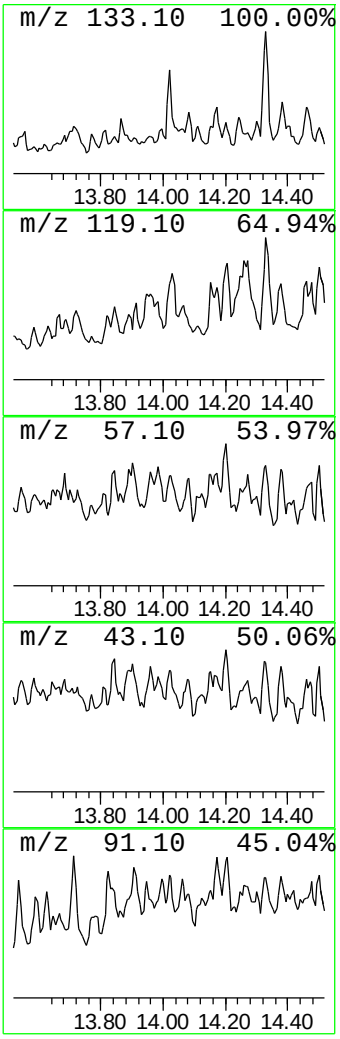
Peak Number 10 unknown14.02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	6.37 ng	342781	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecen-3-ol, 1-phenyl-	246	C17H26O	104761-41-3	38
2	1,1,3,3-Tetramethyl-1,3-dioctyld...	358	C20H46OSi2	018642-94-9	37
3	Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	32
4	1-(3-Methylbutyl)-2,4,6-trimethy...	190	C14H22	016204-65-2	22
5	Benzamide, 4-ethyl-N-methallyl-	203	C13H17NO	1000340-34-6	18





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Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

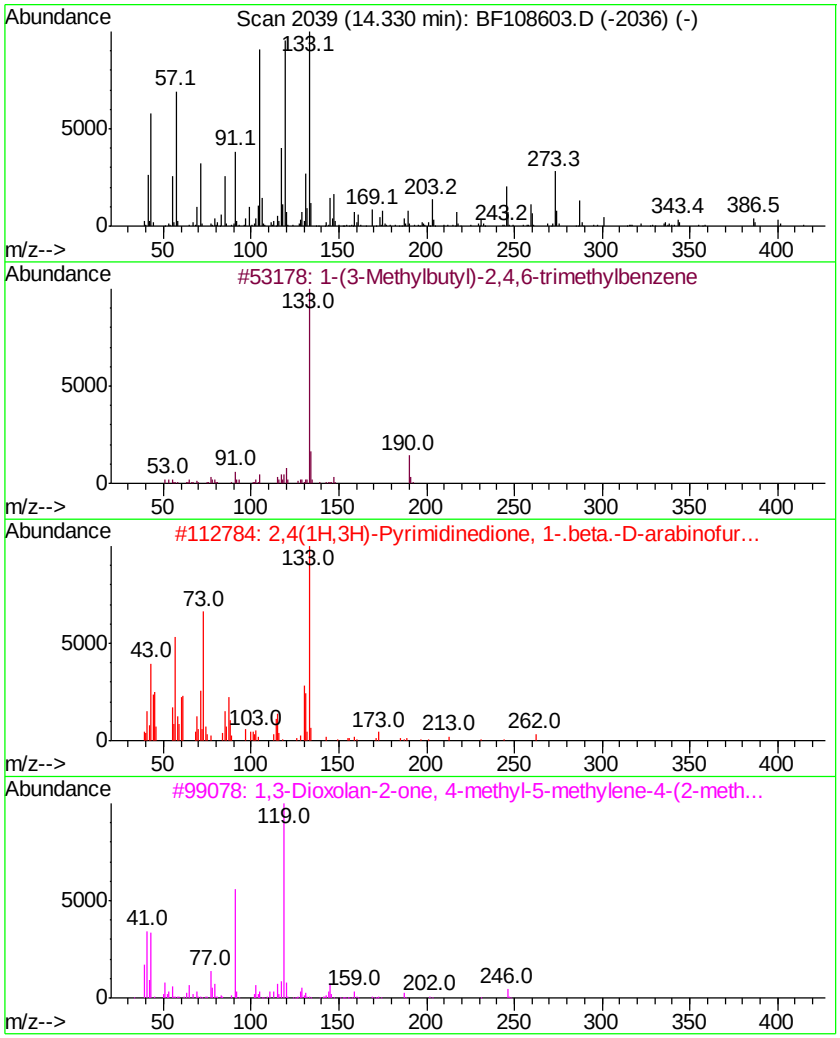
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

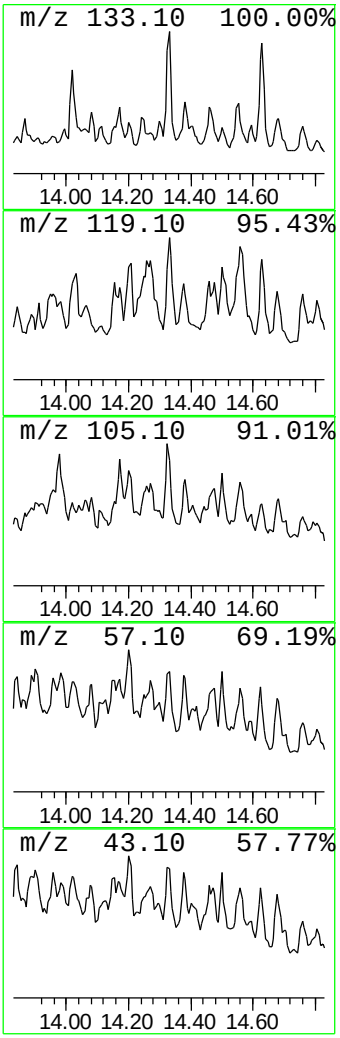
****

Peak Number 11 unknown14.33 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.33	10.37 ng	558339	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(3-Methylbutyl)-2,4,6-trimethy...	190	C14H22	016204-65-2	35
2	2,4(1H,3H)-Pyrimidinedione, 1-.b...	262	C9H11FN2O6	000131-06-6	22
3	1,3-Dioxolan-2-one, 4-methyl-5-m...	246	C15H18O3	1000319-92-8	18
4	1-Bromo-1,4,4a,5,8,8a-hexahydron...	212	C10H13Br	1000192-97-4	15
5	Benzamide, N-(3-chlorophenyl)-4-...	245	C14H12ClNO	1000306-95-8	14





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Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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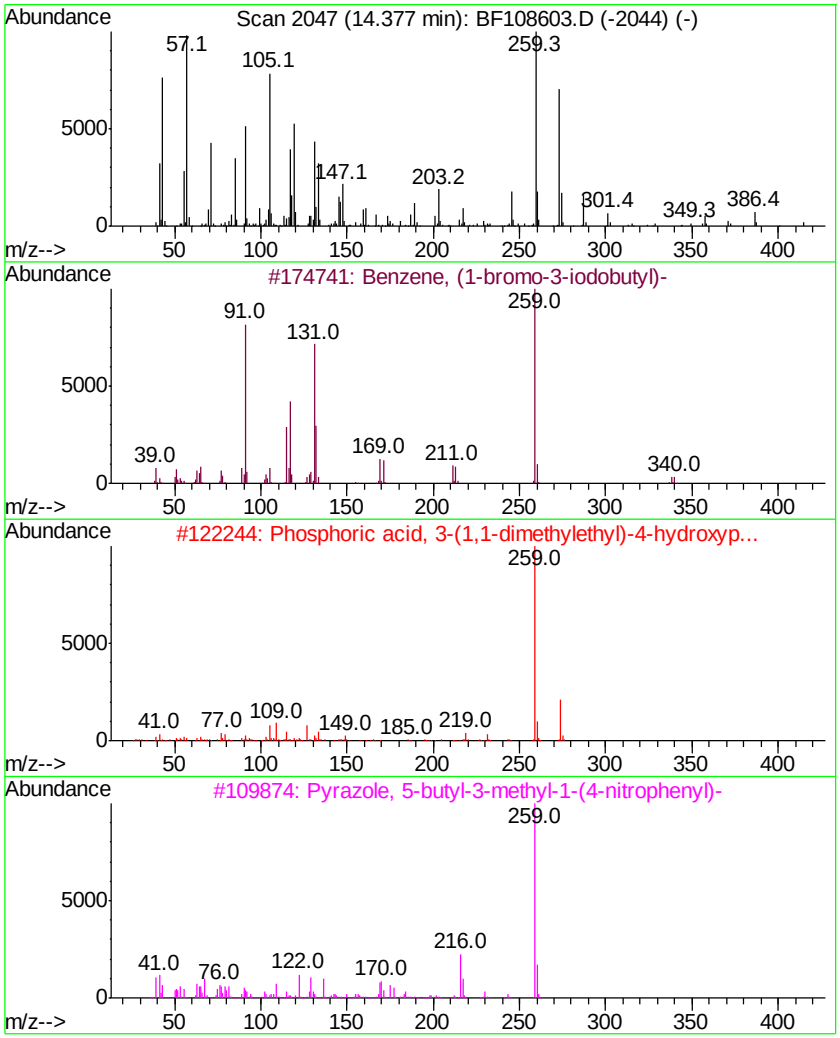
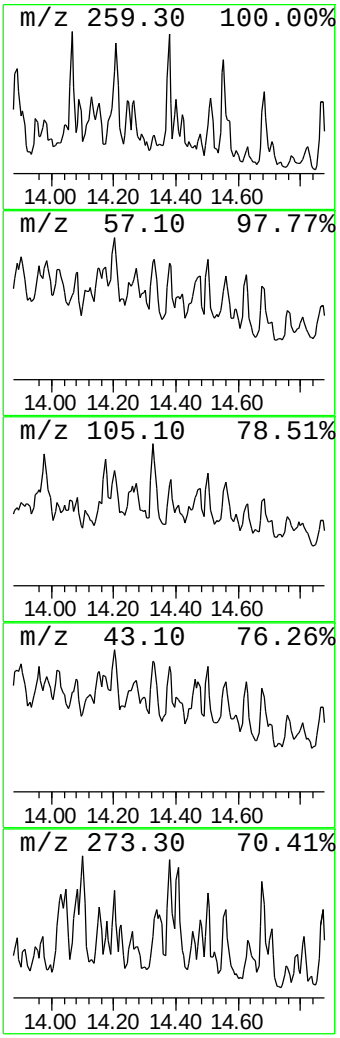
Peak Number 12 unknown14.38 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	7.98 ng	429902	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-bromo-3-iodobutyl)-	338	C10H12BrI	1000327-27-0	32
2	Phosphoric acid, 3-(1,1-dimethyl...	274	C12H19O5P	094420-61-8	14
3	Pyrazole, 5-butyl-3-methyl-1-(4-...	259	C14H17N3O2	1000272-63-4	14
4	Benzene, 2-(1-decylundecyl)-1,4-...	400	C29H52	055373-91-6	14
5	Pyrido[2,3-b]pyrimido[4,5-d]thio...	259	C13H13N3OS	327097-50-7	14





Library Search Compound Report

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Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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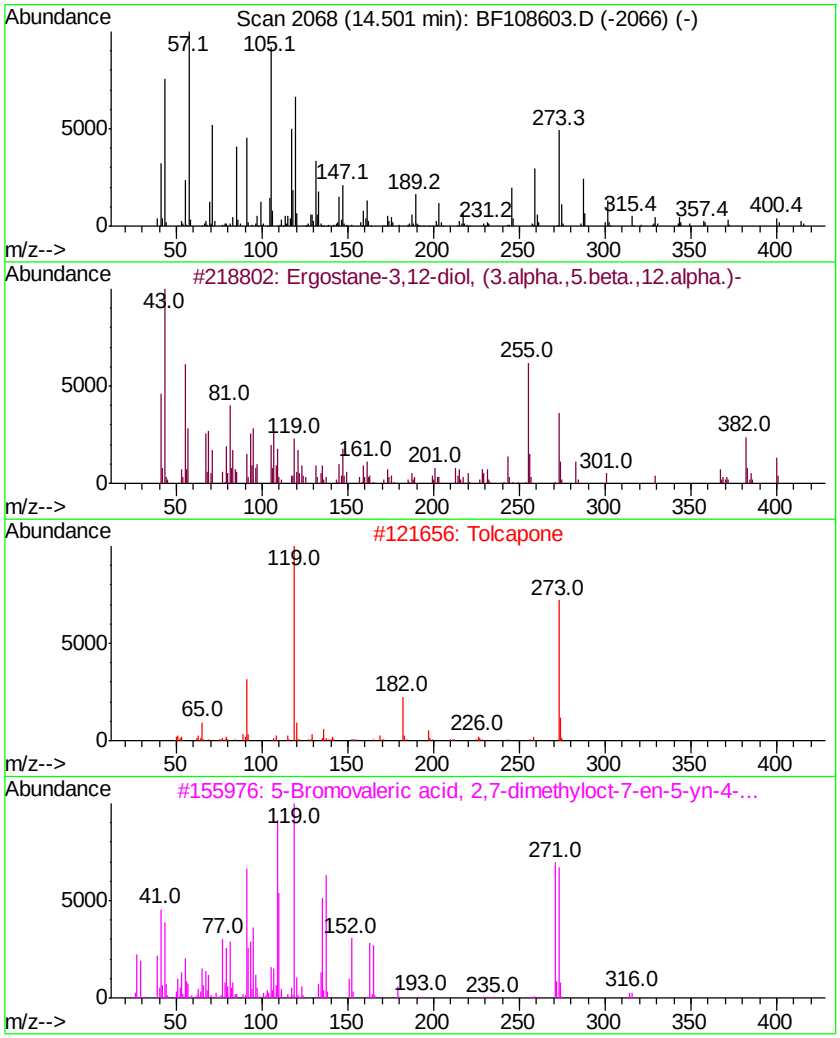
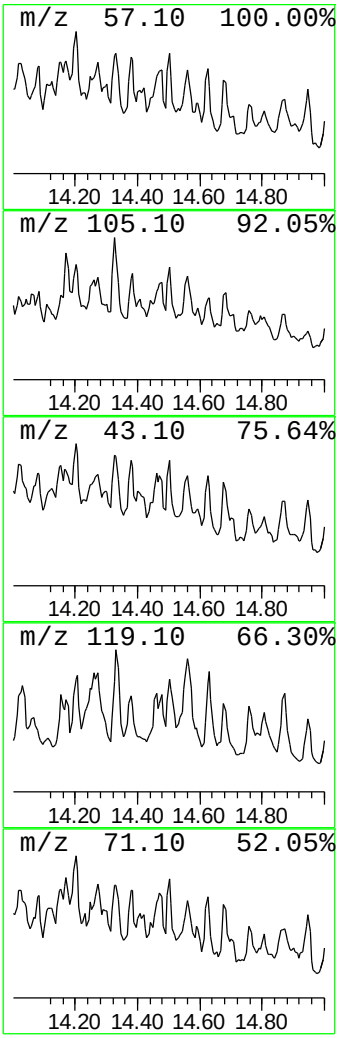
Peak Number 13 unknown14.50 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	6.92 ng	372752	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ergostane-3,12-diol, (3.alpha.,5...	418	C28H50O2	056052-70-1	12
2	Tolcapone	273	C14H11NO5	134308-13-7	12
3	5-Bromovaleric acid, 2,7-dimethy...	314	C15H23BrO2	1000292-56-8	12
4	Cholesta-9(11),20(22)-dien-23-on...	414	C27H42O3	037717-05-8	11
5	Chromium, (.eta.-5-cyclopentadie...	259	C16H15Cr	1000158-74-0	11





Library Search Compound Report

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Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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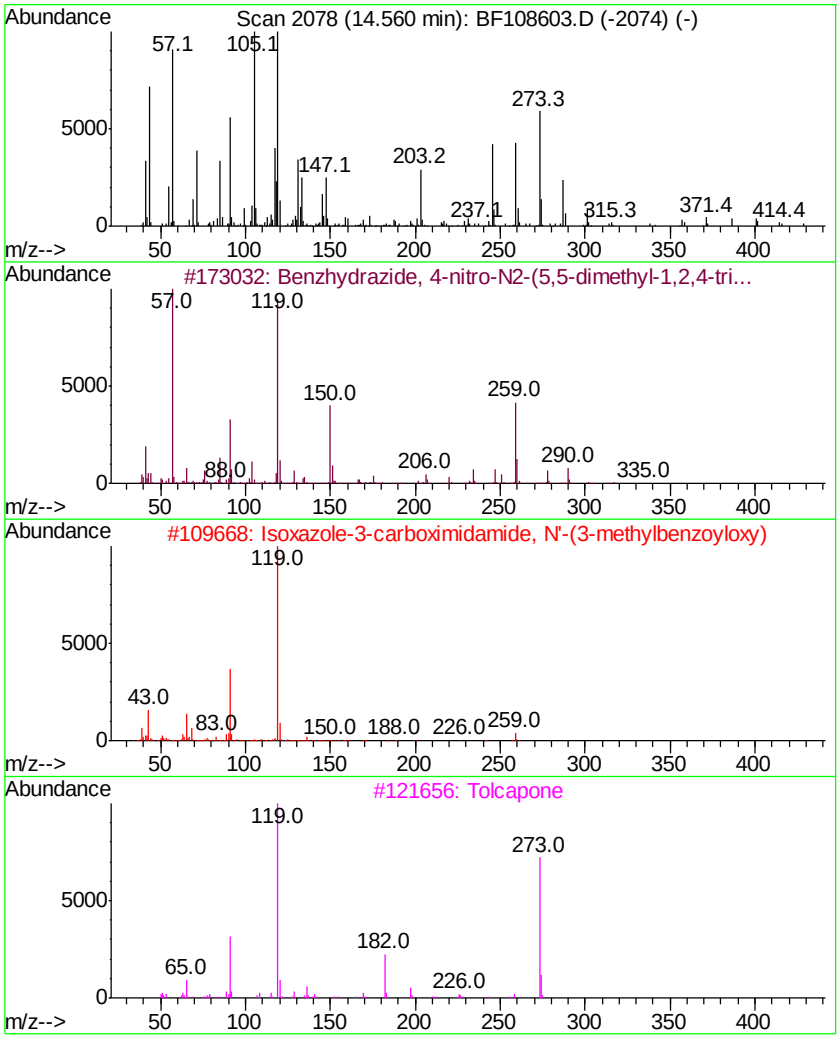
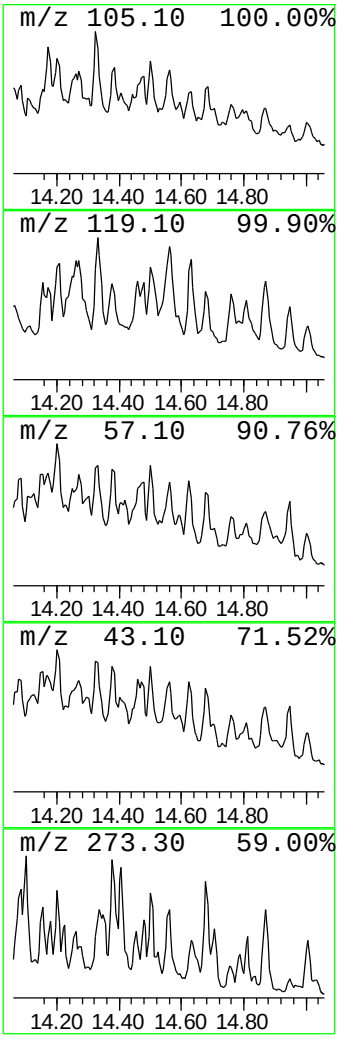
Peak Number 14 unknown14.56 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	8.03 ng	432194	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzhydrazide, 4-nitro-N2-(5,5-d...	335	C15H17N3O6	1000263-98-3	30
2	Isoxazole-3-carboximidamide, N'-...	259	C13H13N3O3	263869-49-4	27
3	Tolcapone	273	C14H11NO5	134308-13-7	27
4	Benzamide, 4-methyl-N-[2-(2-thie...	245	C14H15NOS	1000319-70-5	25
5	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	22





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Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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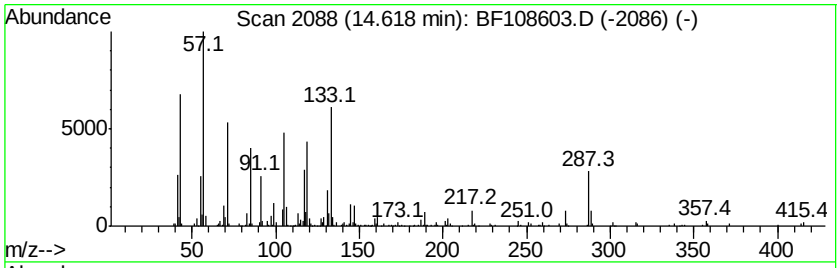
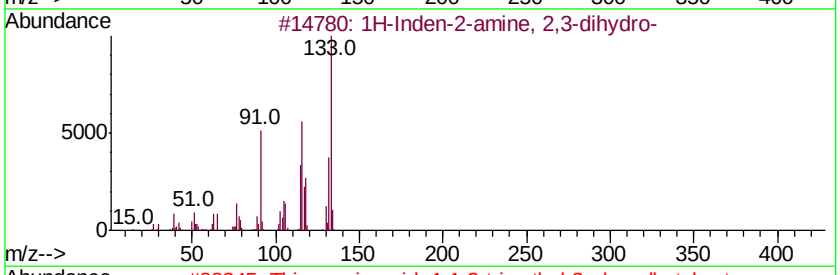
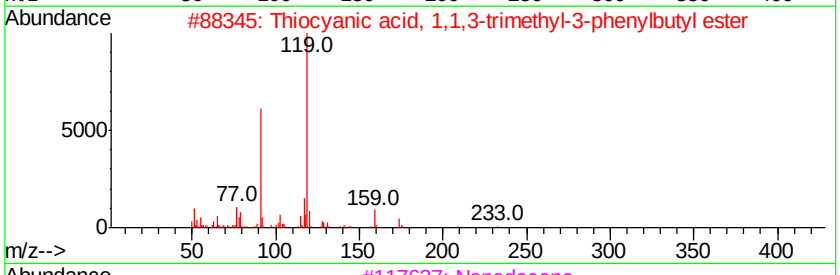
Peak Number 15 unknown14.62 Concentration Rank 9

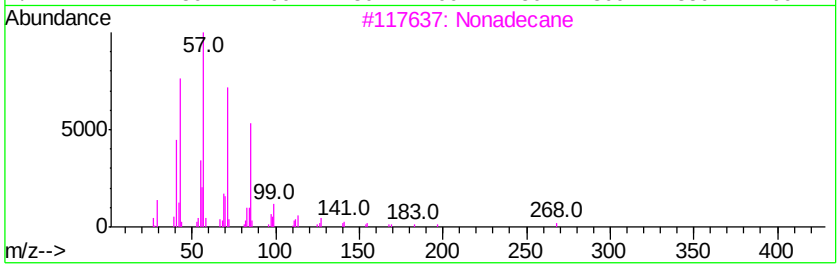
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	9.04 ng	486701	Chrysene-d12	14.19

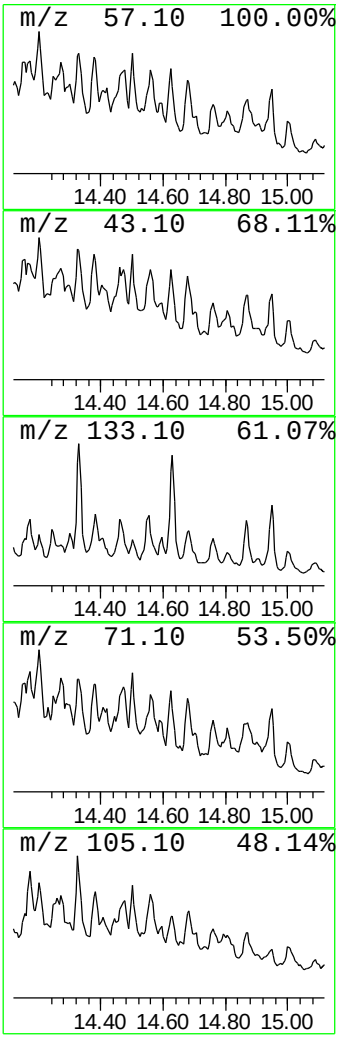
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-2-amine, 2,3-dihydro-	133	C9H11N	002975-41-9	14
2	Thiocyanic acid, 1,1,3-trimethyl...	233	C14H19NS	1000293-27-7	14
3	Nonadecane	268	C19H40	000629-92-5	11
4	3,3,5,5-Tetramethyl-6-(4-methyl-...	288	C17H20O4	1000297-36-4	11
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	11











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Data File : BF108603.D
Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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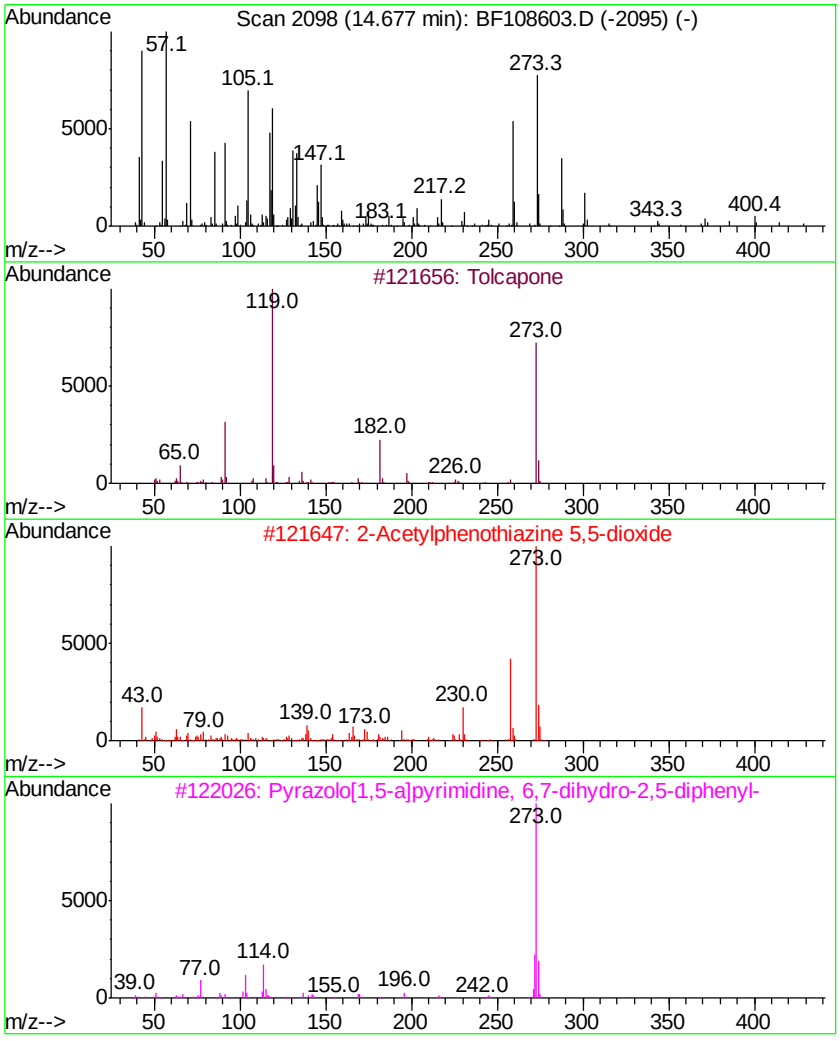
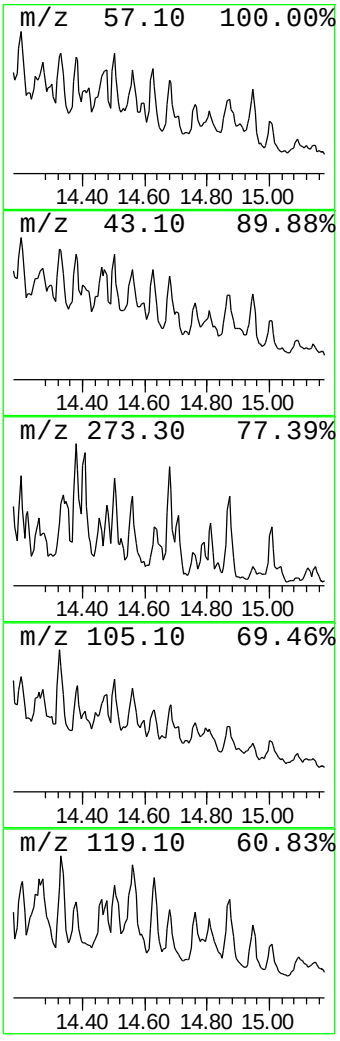
Peak Number 16 unknown14.68 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	7.60 ng	409251	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tolcapone	273	C14H11NO5	134308-13-7	16
2	2-Acetylphenothiazine 5,5-dioxide	273	C14H11NO3S	1000257-40-5	14
3	Pyrazolo[1,5-a]pyrimidine, 6,7-d...	273	C18H15N3	186956-30-9	11
4	6-tert-butyl-2,4-dimethylphenol,...	274	C14H17F3O2	1000376-41-4	11
5	Pregnan-18-ol, (5.alpha.)-	304	C21H36O	056053-09-9	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108603.D
Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

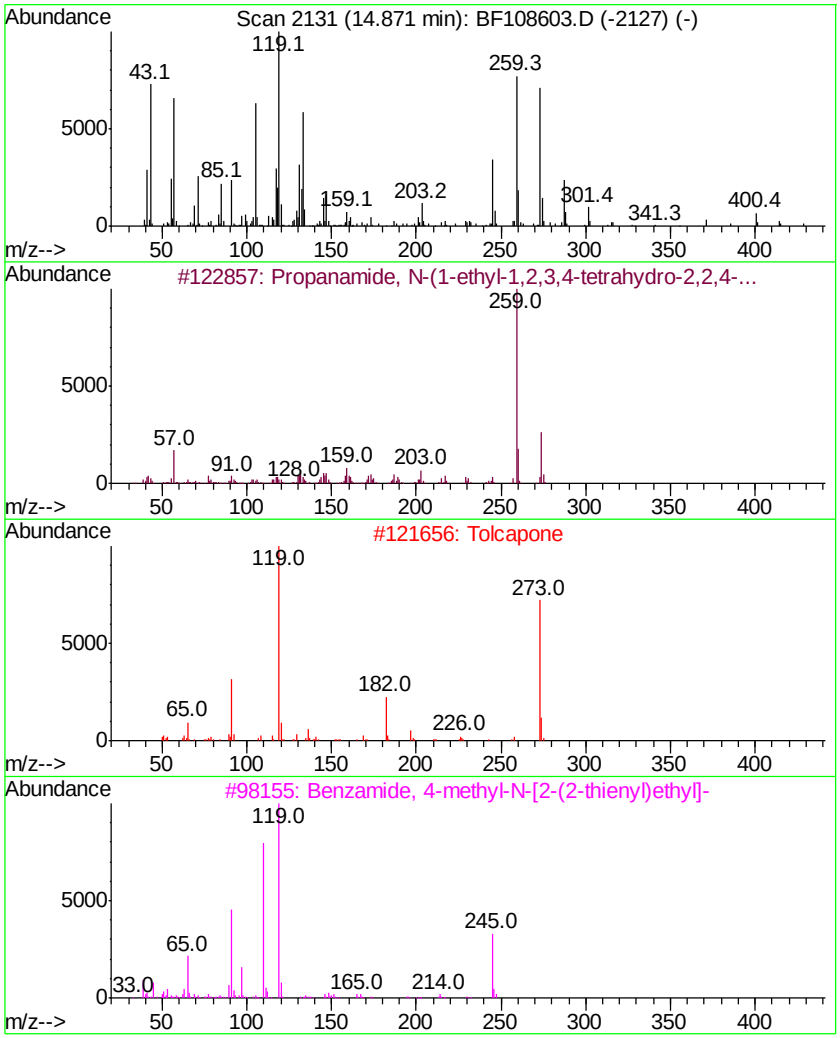
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

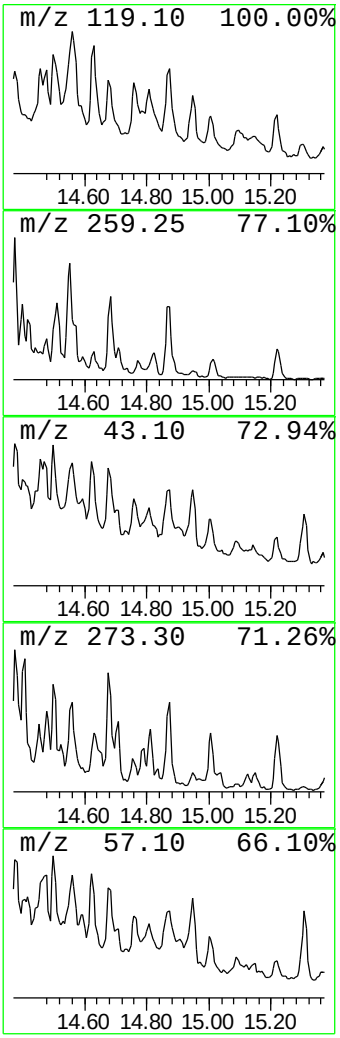
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Propanamide, N-(1-ethyl-1,2... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	7.20 ng	387886	Chrysene-d12	14.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanamide, N-(1-ethyl-1,2,3,4-...	274	C17H26N2O	063134-09-8	60
2	Tolcapone	273	C14H11NO5	134308-13-7	27
3	Benzamide, 4-methyl-N-[2-(2-thie...	245	C14H15NOS	1000319-70-5	14
4	Benzamide, N-(3-chlorophenyl)-4-...	245	C14H12ClNO	1000306-95-8	14
5	Benzamide, N-(3-chlorophenyl)-3-...	245	C14H12ClNO	1000307-11-4	14





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Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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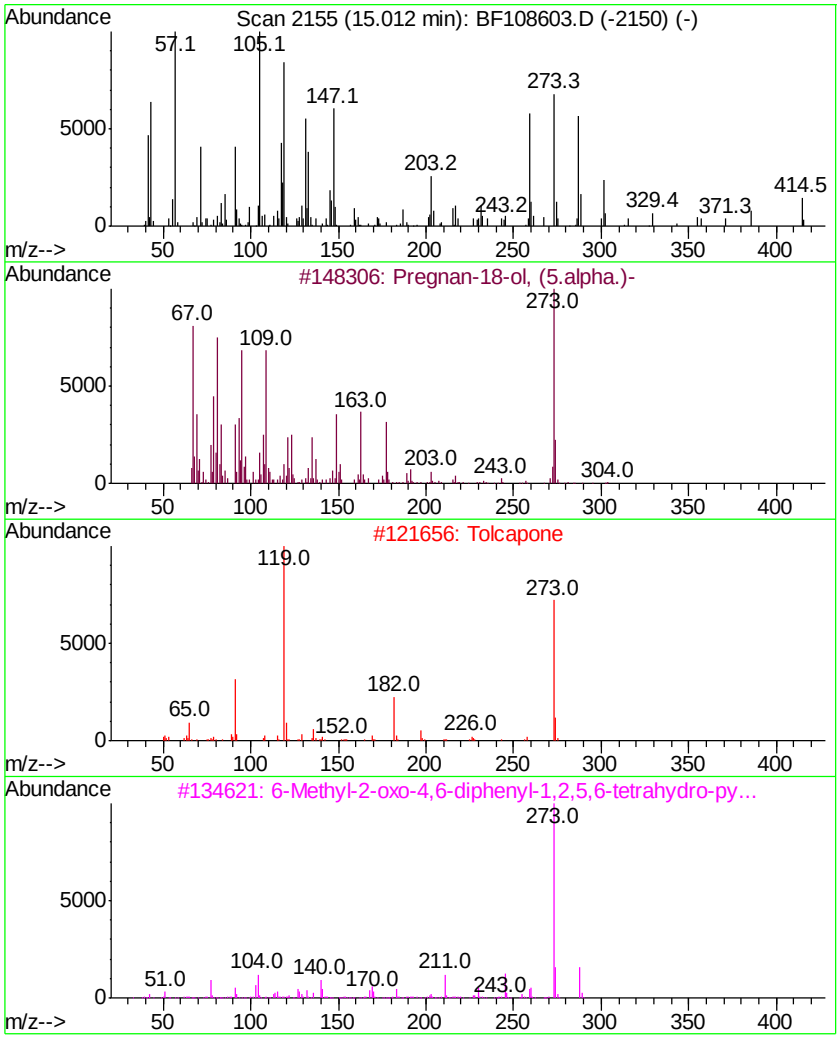
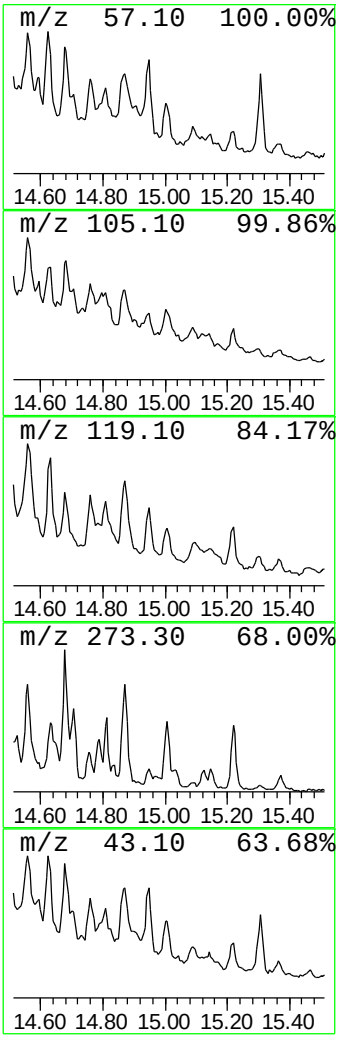
Peak Number 18 Pregnan-18-ol, (5.alpha.)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	10.95 ng	376466	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pregnan-18-ol, (5.alpha.)-	304	C21H36O	056053-09-9	56
2	Tolcapone	273	C14H11NO5	134308-13-7	22
3	6-Methyl-2-oxo-4,6-diphenyl-1,2,...	288	C19H16N2O	016232-39-6	15
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	11
5	2-Isopropylthio-3H-phenothiazin-...	287	C15H13NOS2	090712-90-6	11





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Data File : BF108603.D
Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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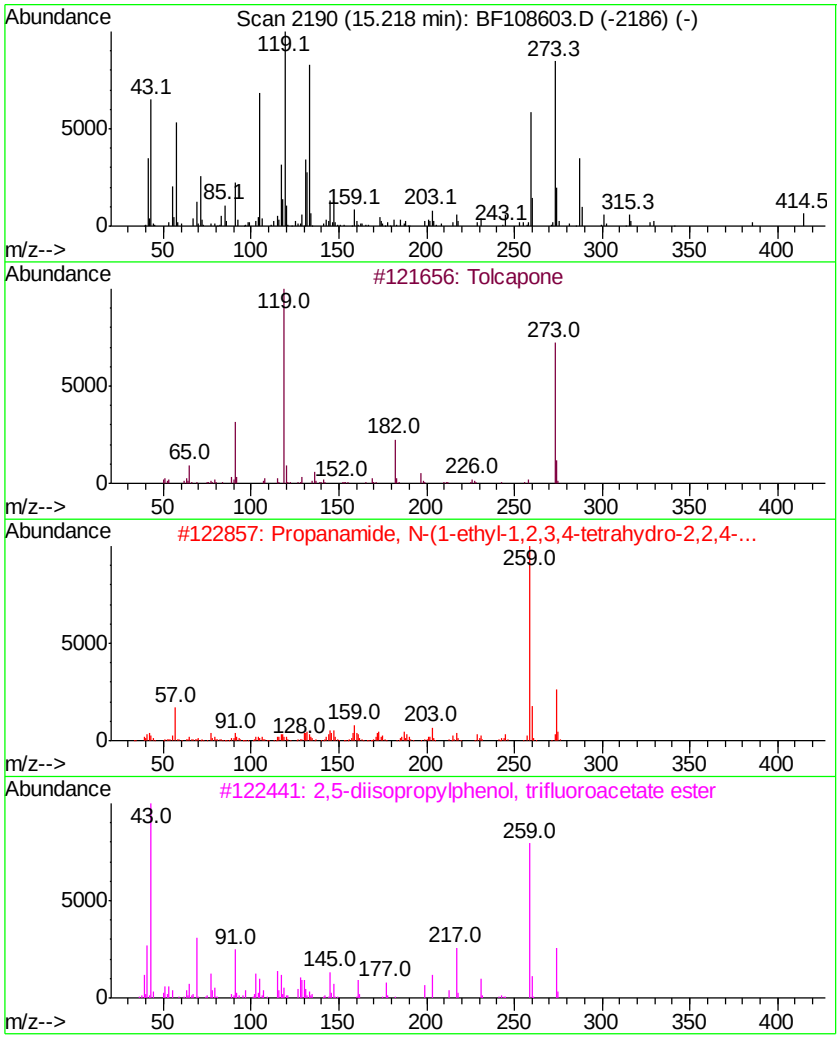
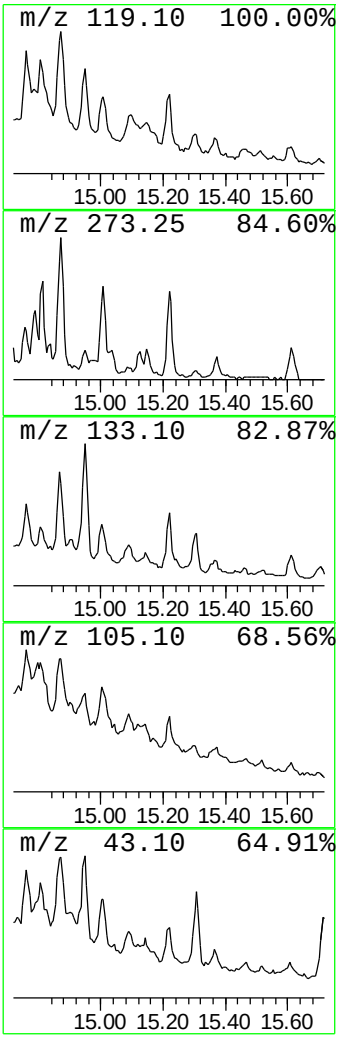
Peak Number 19 unknown15.22 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	7.01 ng	241130	Perylene-d12	15.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tolcapone	273	C14H11NO5	134308-13-7	38
2	Propanamide, N-(1-ethyl-1,2,3,4-...	274	C17H26N2O	063134-09-8	15
3	2,5-diisopropylphenol, trifluoro...	274	C14H17F3O2	1000376-41-2	15
4	Pregnan-18-ol, (5.alpha.)-	304	C21H36O	056053-09-9	11
5	o-Cymene	134	C10H14	000527-84-4	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108603.D
Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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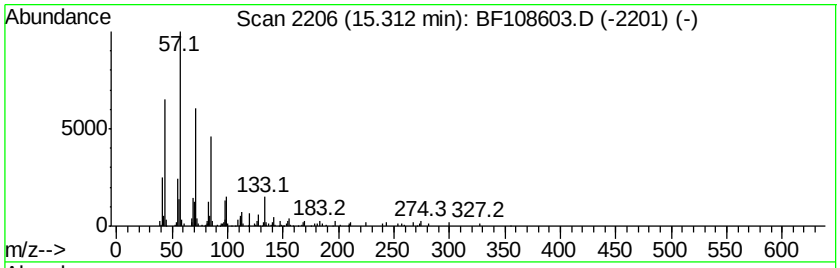
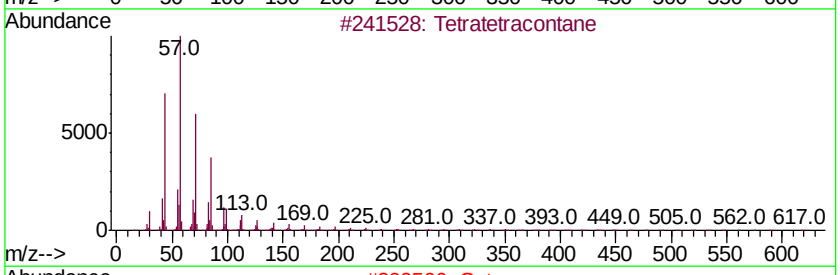
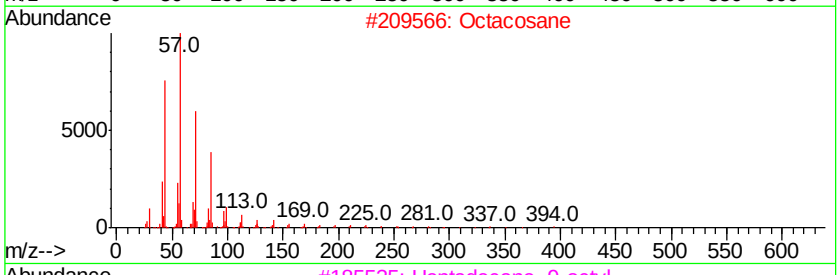
Peak Number 20 Tetratetracontane Concentration Rank 15

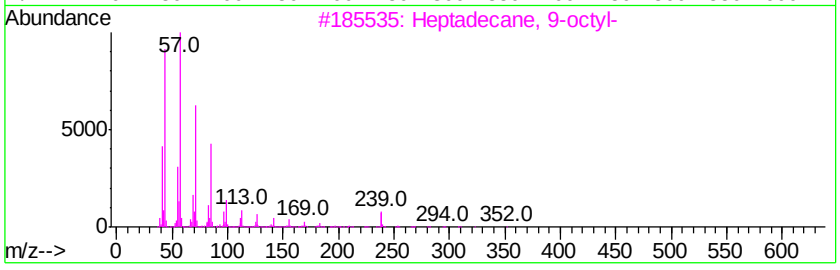
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	7.04 ng	242072	Perylene-d12	15.75

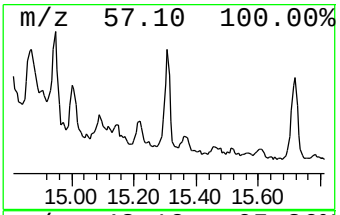
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	76
2	Octacosane	394	C28H58	000630-02-4	76
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	76
4	Hexacosane	366	C26H54	000630-01-3	76
5	Tetracosane	338	C24H50	000646-31-1	76

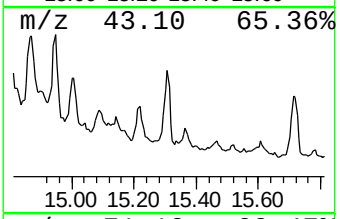


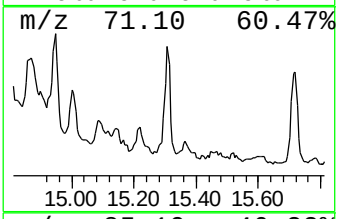


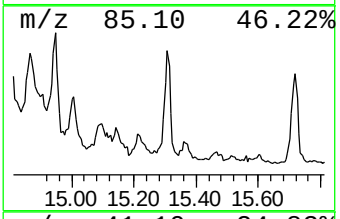


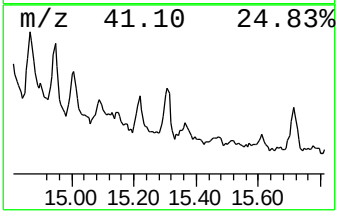












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082918\
Data File : BF108603.D
Acq On : 29 Aug 2018 14:38
Operator : JU/SJ
Sample : J4621-10 100X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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
Undecane, 3,5-dim...	10.67	10.3	ng	523097	3	10.04	1020310	20.0
Tridecane, 5-propyl-	10.94	9.8	ng	706632	4	11.54	1439810	20.0
Heptadecane	11.41	8.8	ng	637439	4	11.54	1439810	20.0
Benzene, (1-methy...	11.47	6.2	ng	446372	4	11.54	1439810	20.0
Benzene, (1-ethyl...	11.73	9.3	ng	670941	4	11.54	1439810	20.0
Benzene, (1-methy...	11.91	25.3	ng	1820990	4	11.54	1439810	20.0
Benzene, (1-methy...	12.32	9.2	ng	663769	4	11.54	1439810	20.0
unknown13.84	13.84	6.3	ng	340888	5	14.19	1076890	20.0
unknown13.90	13.90	9.2	ng	496928	5	14.19	1076890	20.0
unknown14.02	14.02	6.4	ng	342781	5	14.19	1076890	20.0
unknown14.33	14.33	10.4	ng	558339	5	14.19	1076890	20.0
unknown14.38	14.38	8.0	ng	429902	5	14.19	1076890	20.0
unknown14.50	14.50	6.9	ng	372752	5	14.19	1076890	20.0
unknown14.56	14.56	8.0	ng	432194	5	14.19	1076890	20.0
unknown14.62	14.62	9.0	ng	486701	5	14.19	1076890	20.0
unknown14.68	14.68	7.6	ng	409251	5	14.19	1076890	20.0
Propanamide, N-(1...	14.87	7.2	ng	387886	5	14.19	1076890	20.0
Pregnan-18-ol, (5...	15.01	10.9	ng	376466	6	15.75	687821	20.0
unknown15.22	15.22	7.0	ng	241130	6	15.75	687821	20.0
Tetratetracontane	15.31	7.0	ng	242072	6	15.75	687821	20.0