LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107702.D
Acq On : 26 Jul 2018 16:24
Operator : JU/SJ
Sample : J4167-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.184	479	484	487	rBV	12376	16265	1.03%	0.082%
2	5.625	553	559	561	rBV5	15940	33604	2.13%	0.170%
3	5.807	586	590	600	rBV	155918	180003	11.41%	0.909%
4	6.637	724	731	743	rBV	140403	226552	14.37%	1.144%
5	6.737	745	748	753	rVV	162354	279308	17.71%	1.410%
6	6.778	753	755	771	rVB	103888	173816	11.02%	0.877%
7	6.960	782	786	792	rBV	586155	787291	49.93%	3.974%
8	7.013	792	795	805	rVV	304543	430685	27.31%	2.174%
9	7.113	809	812	824	rVV2	339318	533048	33.80%	2.691%
10	7.201	824	827	832	rVV4	31447	46046	2.92%	0.232%
11	7.272	836	839	840	rVV	26277	26045	1.65%	0.131%
12	7.290	840	842	846	rVB	28570	29211	1.85%	0.147%
13	7.342	847	851	856	rBV	56434	53774	3.41%	0.271%
14	7.413	860	863	866	rBV	52003	52623	3.34%	0.266%
15	7.484	871	875	878	rBV	112891	114559	7.26%	0.578%
16	7.525	878	882	892	rBV3	160394	283764	17.99%	1.432%
17	7.637	897	901	904	rBV2	63606	62923	3.99%	0.318%
18	7.719	912	915	917	rBV	69135	57146	3.62%	0.288%
19	7.748	917	920	930	rVB	122181	143665	9.11%	0.725%
20	7.884	940	943	945	rBV3	24313	26377	1.67%	0.133%
21	7.907	945	947	954	rVB2	49148	61984	3.93%	0.313%
22	7.972	954	958	967	rBV	291107	352803	22.37%	1.781%
23	8.048	967	971	973	rBV3	26261	31981	2.03%	0.161%
24	8.078	973	976	978	rBV	37584	33452	2.12%	0.169%
25	8.137	984	986	989	rVB	55259	44261	2.81%	0.223%
26	8.166	989	991	995	rVB4	22030	26329	1.67%	0.133%
27	8.242	995	1004	1014	rBV	1130788	1576914	100.00%	7.960%
28	8.319	1015	1017	1022	rVB	55594	57957	3.68%	0.293%
29	8.495	1043	1047	1048	rBV3	13996	17616	1.12%	0.089%
30	8.513	1048	1050	1055	rVB3	39130	45991	2.92%	0.232%
31	8.619	1063	1068	1070	rBV	53191	66851	4.24%	0.337%
32	8.642	1070	1072	1075	rVB	64016	51638	3.27%	0.261%
33	8.701	1078	1082	1086	rBV4	78992	115680	7.34%	0.584%
34	8.825	1099	1103	1108	rBV5	38068	54467	3.45%	0.275%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107702.D
Acq On : 26 Jul 2018 16:24
Operator : JU/SJ
Sample : J4167-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.907	1113	1117	1120	rBV3	107293	139886	8.87%	0.706%
36	8.954	1120	1125	1132	rVB2	239303	358453	22.73%	1.809%
37	9.054	1137	1142	1148	rBV2	869932	947291	60.07%	4.782%
38	9.184	1161	1164	1168	rBV3	68270	71001	4.50%	0.358%
39	9.242	1171	1174	1178	rVB2	86802	90067	5.71%	0.455%
40	9.313	1182	1186	1192	rBV	708355	689680	43.74%	3.481%
41	9.378	1192	1197	1201	rBV3	243942	326797	20.72%	1.650%
42	9.466	1209	1212	1214	rBV3	51065	72037	4.57%	0.364%
43	9.495	1214	1217	1218	rBV2	123148	128805	8.17%	0.650%
44	9.584	1227	1232	1235	rBV	284377	438554	27.81%	2.214%
45	9.654	1240	1244	1247	rVV	469216	618259	39.21%	3.121%
46	9.684	1247	1249	1255	rVB2	277539	326530	20.71%	1.648%
47	9.772	1261	1264	1269	rBV	126237	169954	10.78%	0.858%
48	9.813	1269	1271	1274	rBV2	67878	64607	4.10%	0.326%
49	9.860	1276	1279	1282	rBV2	84843	101199	6.42%	0.511%
50	9.895	1282	1285	1292	rVB4	67379	108724	6.89%	0.549%
51	9.954	1293	1295	1298	rBV	84797	99716	6.32%	0.503%
52	10.001	1299	1303	1307	rBV2	1451200	1345001	85.29%	6.789%
53	10.195	1333	1336	1341	rVB4	71300	90628	5.75%	0.457%
54	10.242	1341	1344	1346	rBV3	65750	76484	4.85%	0.386%
55	10.313	1351	1356	1359	rBV3	68946	137309	8.71%	0.693%
56	10.342	1359	1361	1366	rVB3	53817	41184	2.61%	0.208%
57	10.389	1366	1369	1370	rBV3	30608	34897	2.21%	0.176%
58	10.619	1405	1408	1413	rVB3	83737	125905	7.98%	0.636%
59	10.795	1435	1438	1445	rBV	386832	420628	26.67%	2.123%
60	11.495	1554	1557	1565	rVV	1385903	1483367	94.07%	7.488%
61	11.554	1565	1567	1573	rVB2	87254	110475	7.01%	0.558%
62	11.613	1574	1577	1587	rVB	213040	269844	17.11%	1.362%
63	11.860	1616	1619	1623	rVB	109651	92361	5.86%	0.466%
64	12.001	1640	1643	1650	rBV5	147653	222610	14.12%	1.124%
65	12.066	1651	1654	1658	rVB2	66989	72164	4.58%	0.364%
66	12.789	1774	1777	1780	rBV4	38837	40767	2.59%	0.206%
67	13.077	1822	1826	1833	rBV	701544	714236	45.29%	3.605%
68	13.954	1973	1975	1980	rVB2	35114	34315	2.18%	0.173%
69	14.148	2004	2008	2016	rBV	1084861	1255149	79.60%	6.336%
70	14.271	2027	2029	2032	rVB	27921	25190	1.60%	0.127%
71	14.577	2079	2081	2085	rVB2	65547	58735	3.72%	0.296%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107702.D
Acq On : 26 Jul 2018 16:24
Operator : JU/SJ
Sample : J4167-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-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-BF072018.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.895	2132	2135	2140	rVB	138459	144161	9.14%	0.728%
73	15.254	2191	2196	2201	rVB	208677	255050	16.17%	1.287%
74	15.677	2260	2268	2279	rVB2	700750	1407252	89.24%	7.103%
75	16.112	2338	2342	2350	rVB	213376	312607	19.82%	1.578%
76	16.648	2429	2433	2440	rVB	109445	194504	12.33%	0.982%

Sum of corrected areas: 19811012

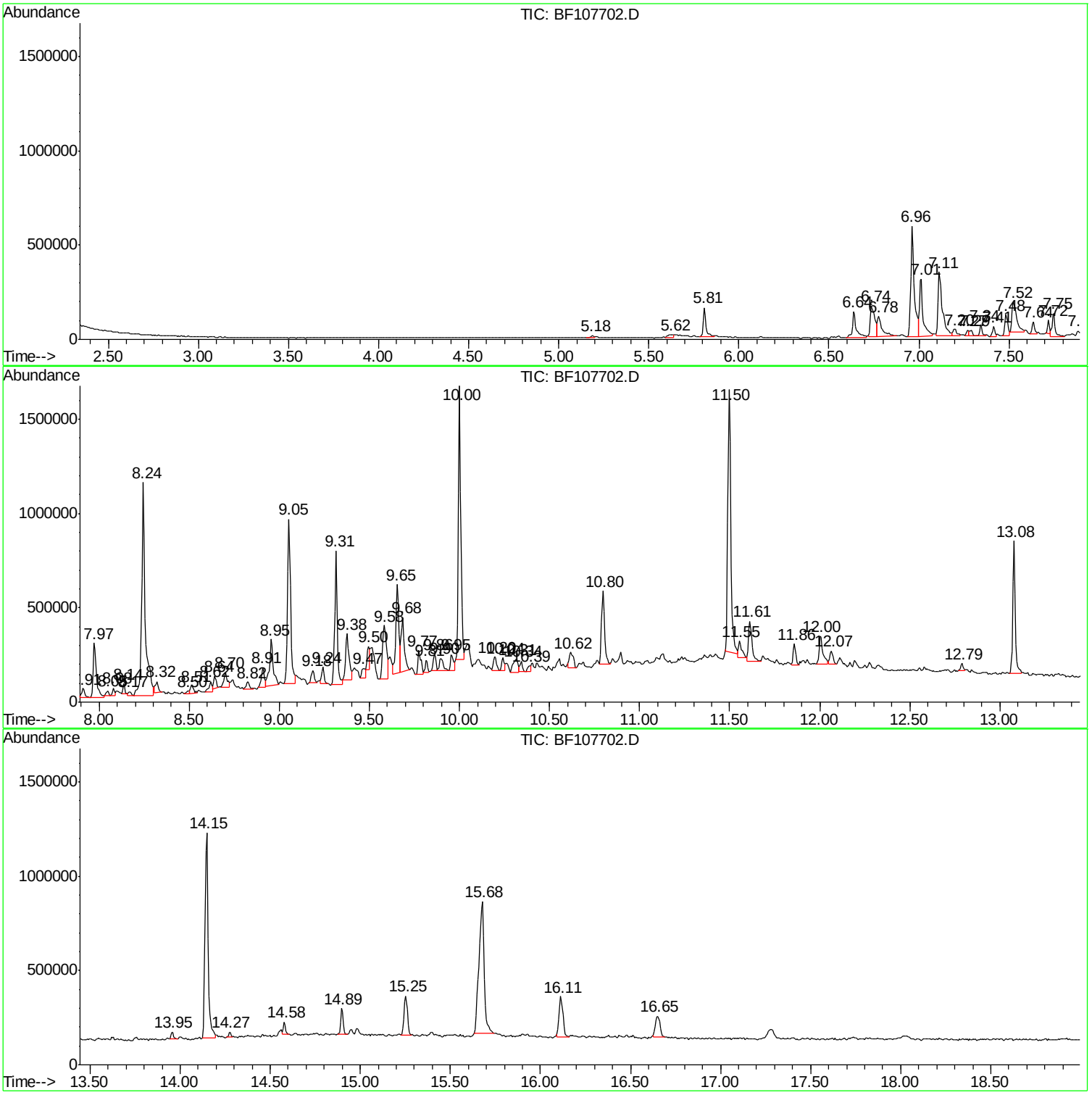
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107702.D
Acq On : 26 Jul 2018 16:24
Operator : JU/SJ
Sample : J4167-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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\BF072618\
Data File : BF107702.D
Acq On : 26 Jul 2018 16:24
Operator : JU/SJ
Sample : J4167-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

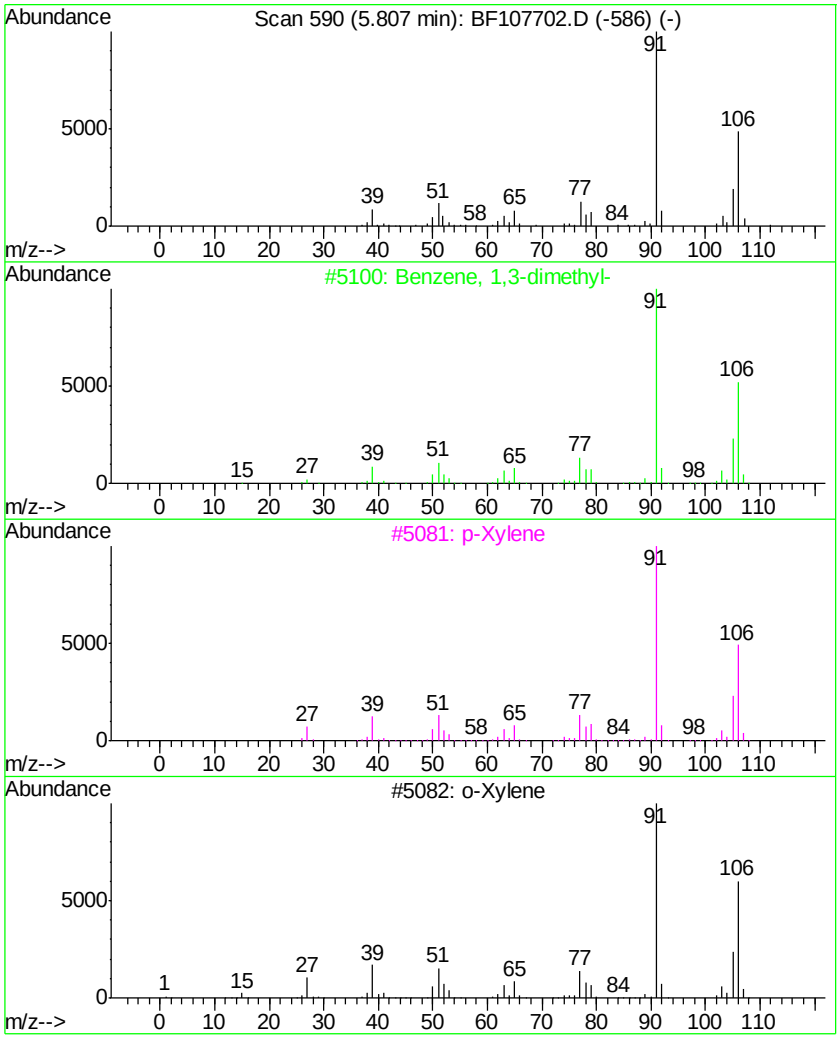
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

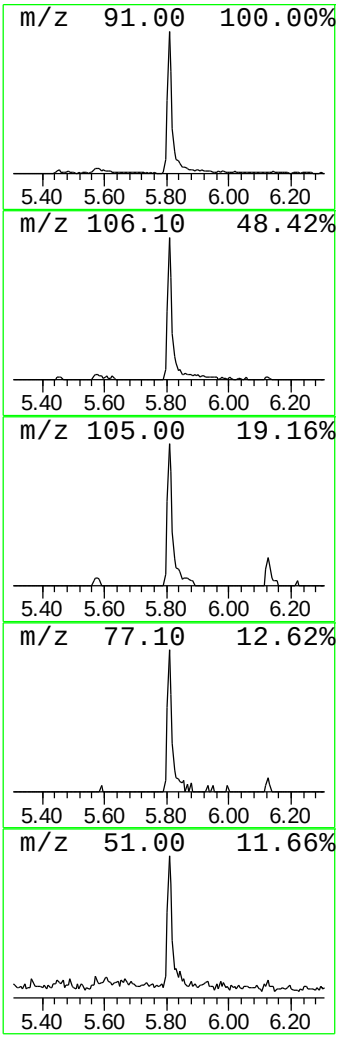
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	4.57 ng	180003	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	95
4	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107702.D
Acq On : 26 Jul 2018 16:24
Operator : JU/SJ
Sample : J4167-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

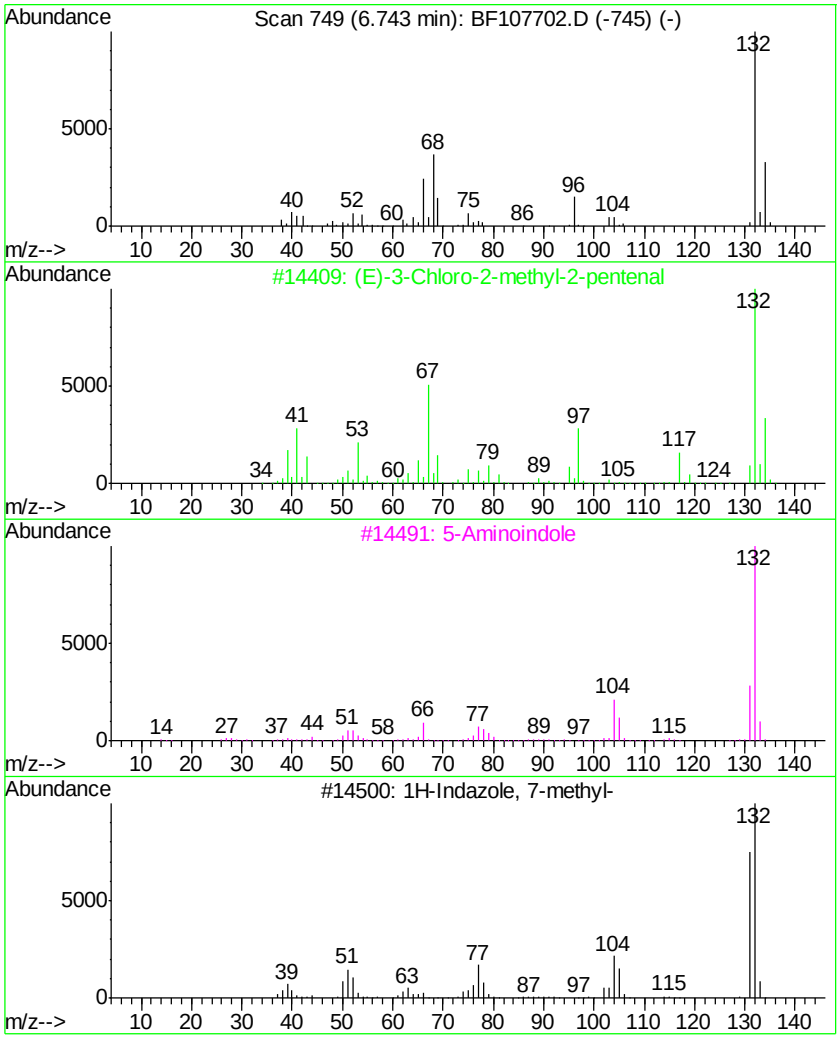
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

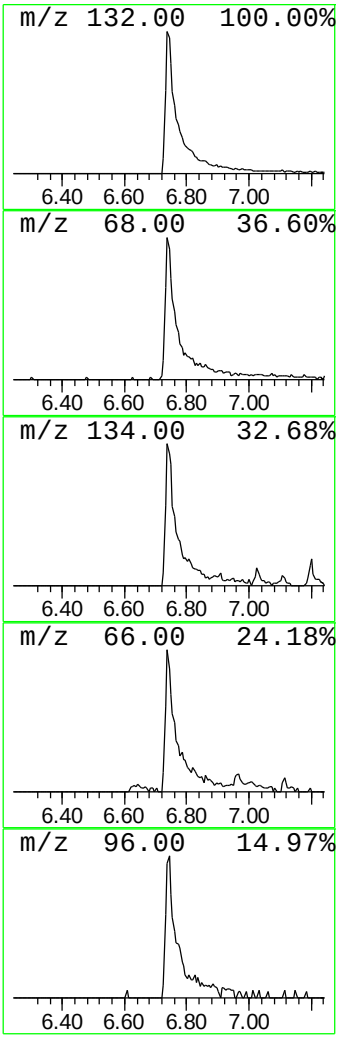
****

Peak Number 2 unknown6.74 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	7.10 ng	279308	1,4-Dichlorobenzene-d4	6.96

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-Aminoindole	132	C8H8N2	005192-03-0	12
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107702.D
Acq On : 26 Jul 2018 16:24
Operator : JU/SJ
Sample : J4167-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

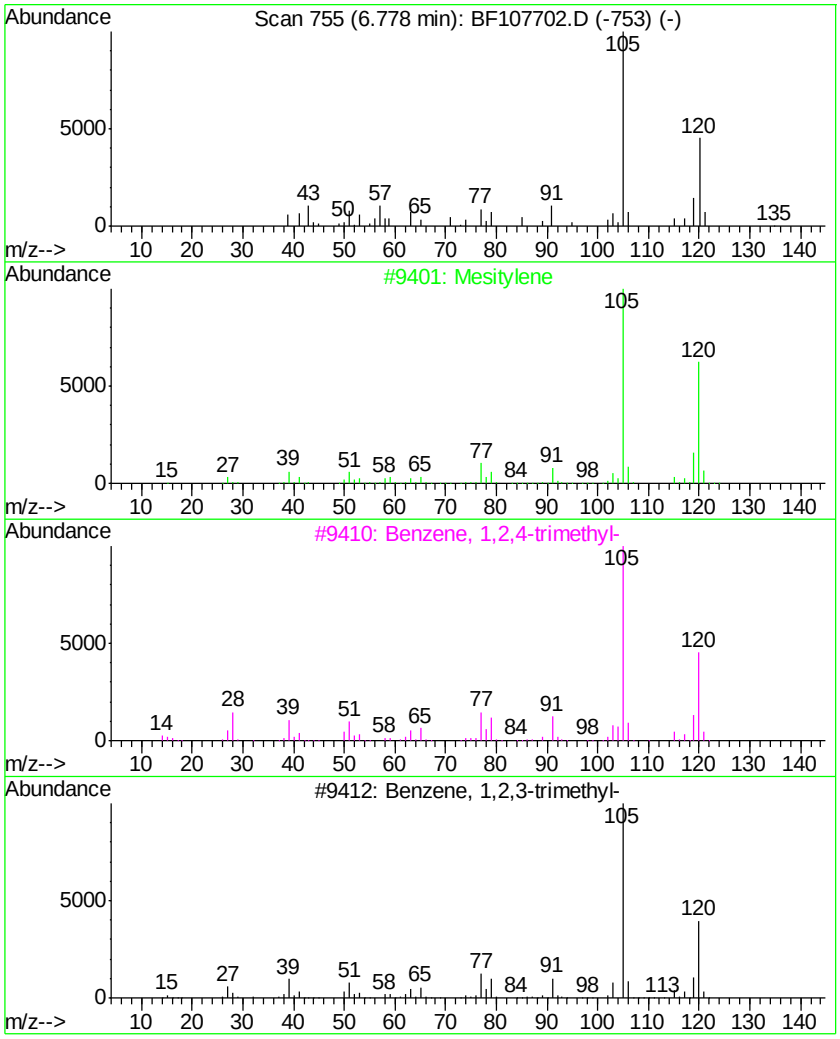
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

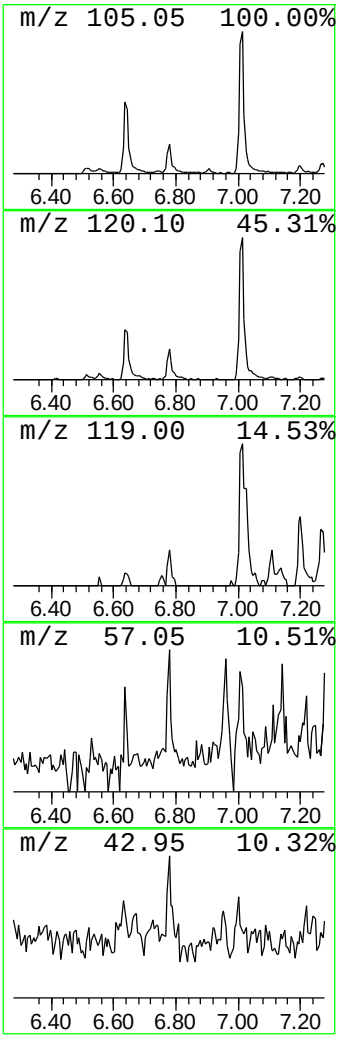
****

Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	4.42 ng	173816	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	91
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107702.D
Acq On : 26 Jul 2018 16:24
Operator : JU/SJ
Sample : J4167-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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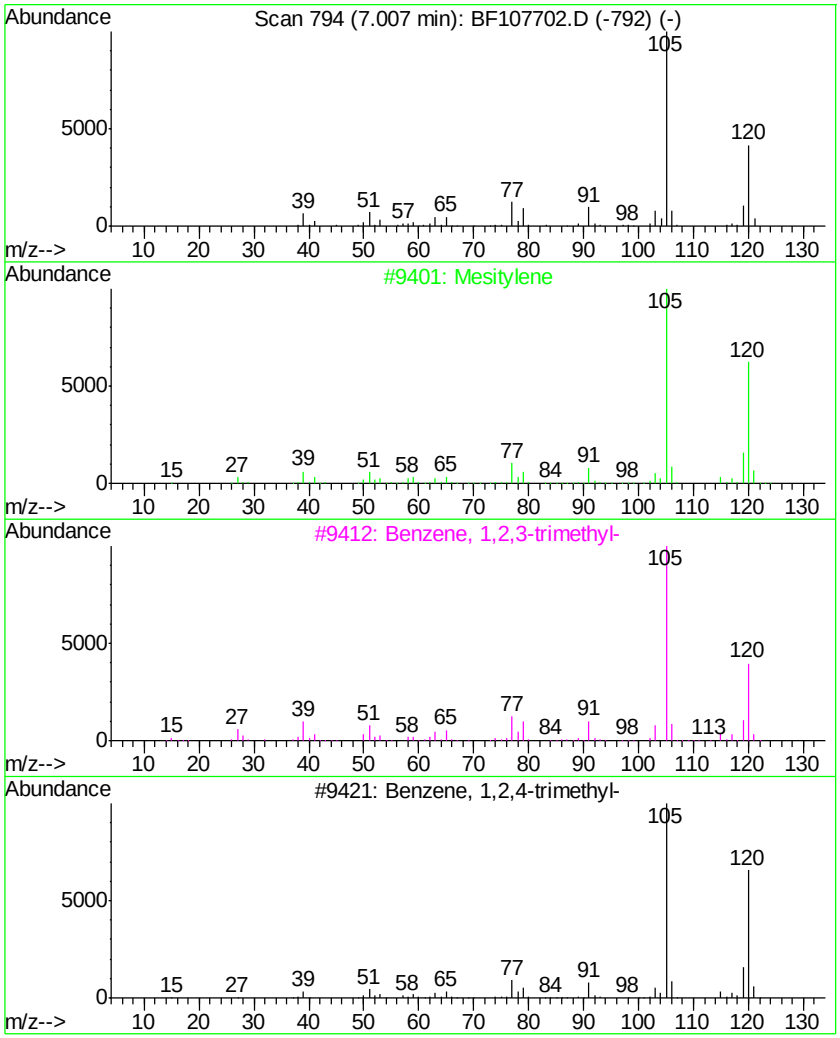
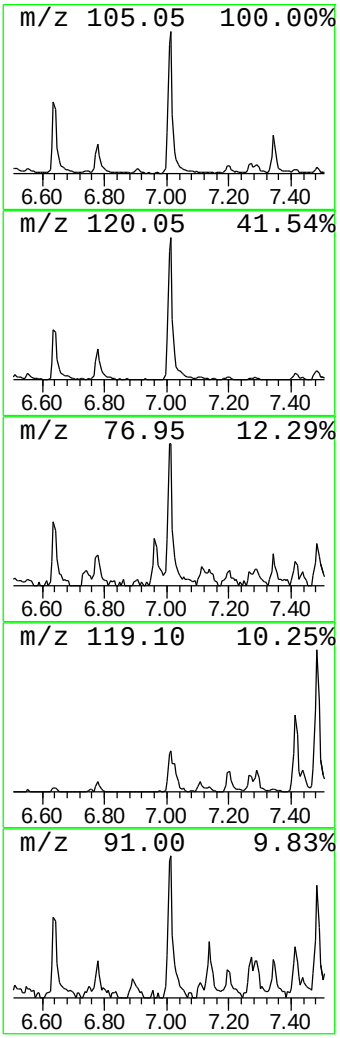
Peak Number 4 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	10.94 ng	430685	1,4-Dichlorobenzene-d4	6.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107702.D
Acq On : 26 Jul 2018 16:24
Operator : JU/SJ
Sample : J4167-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

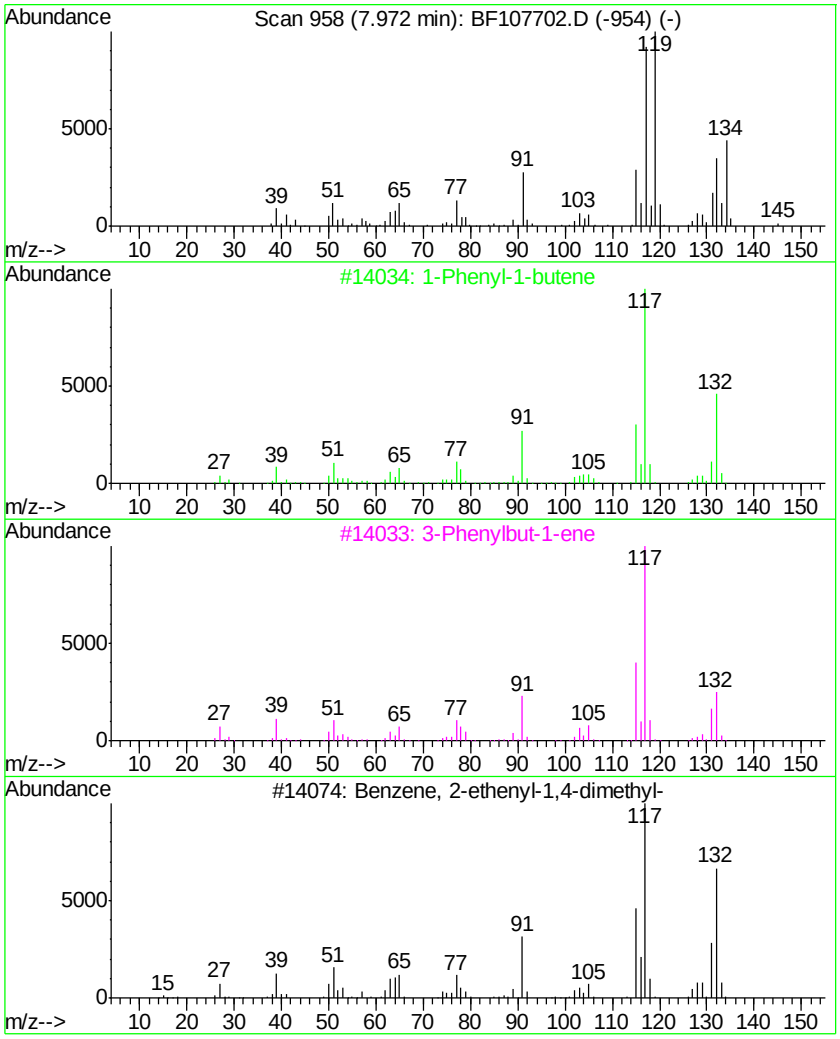
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

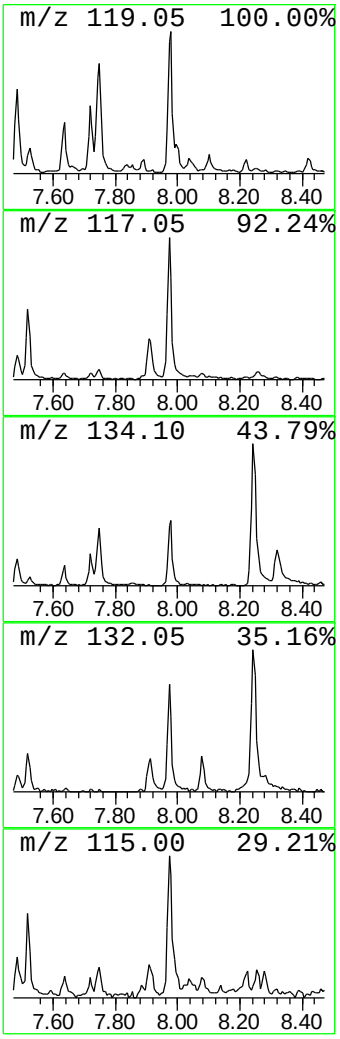
****

Peak Number 6 1-Phenyl-1-butene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	4.47 ng	352803	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	83
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107702.D
Acq On : 26 Jul 2018 16:24
Operator : JU/SJ
Sample : J4167-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

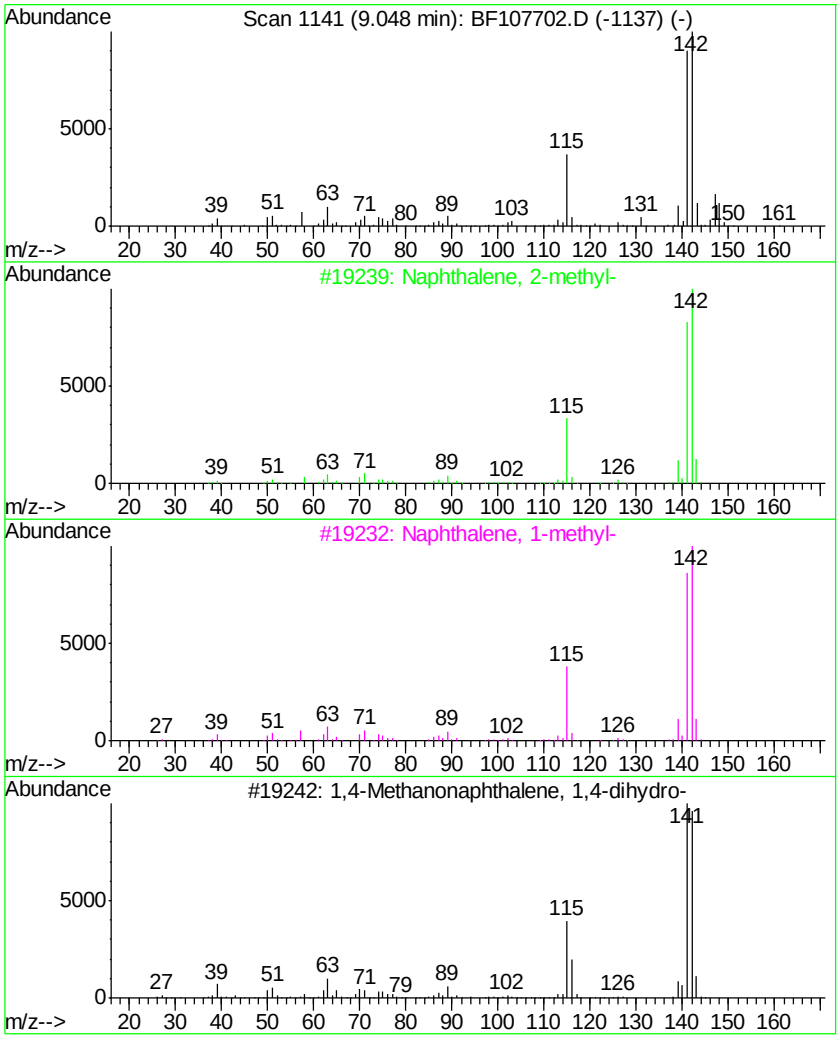
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

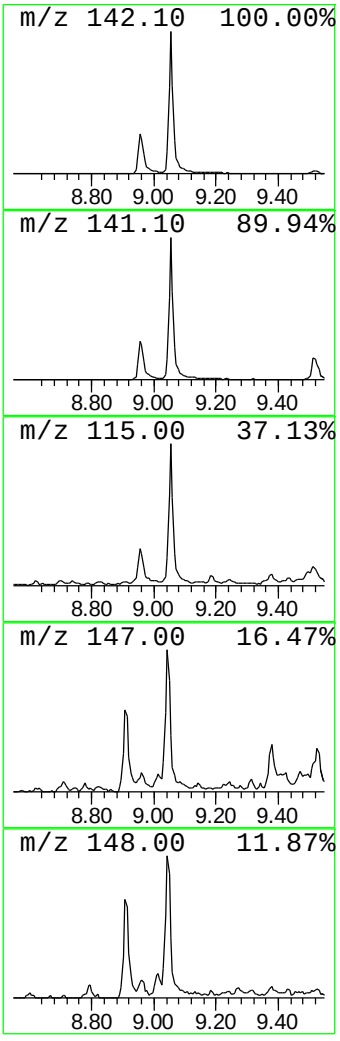
****

Peak Number 7 Naphthalene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	12.01 ng	947291	Naphthalene-d8	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	91
5	Benzeneacetonitrile, 2-cyano-	142	C9H6N2	003759-28-2	46





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Operator : JU/SJ
Sample : J4167-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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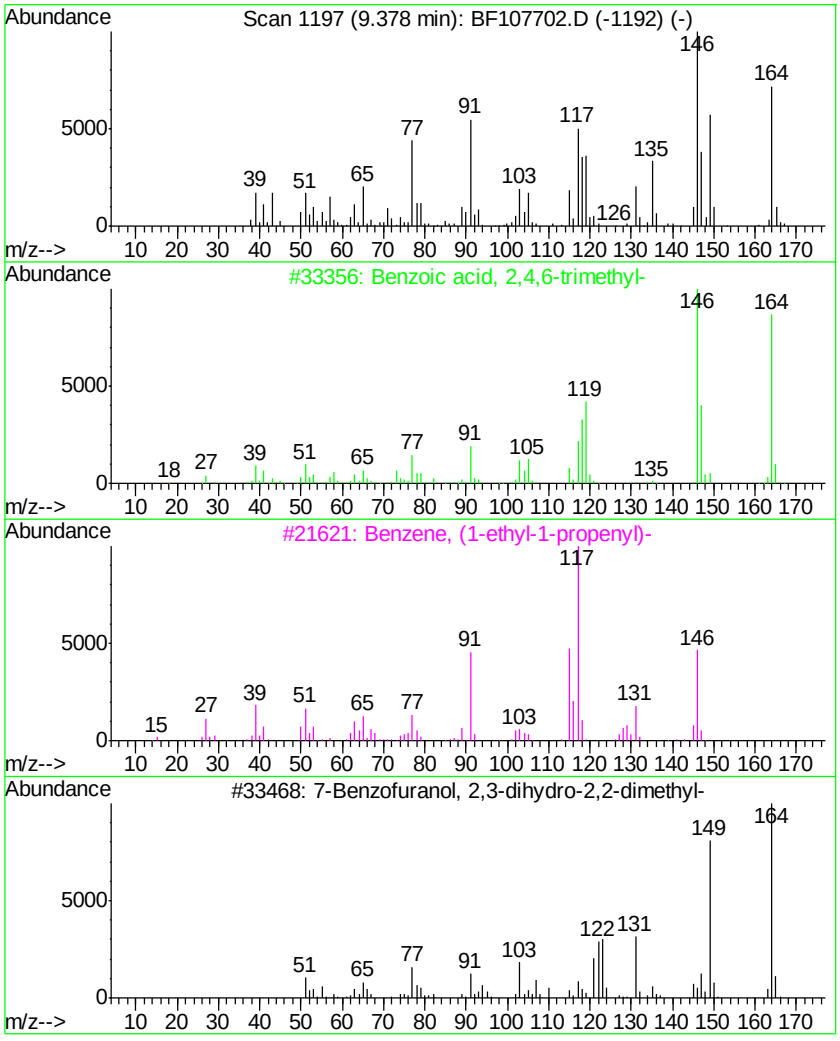
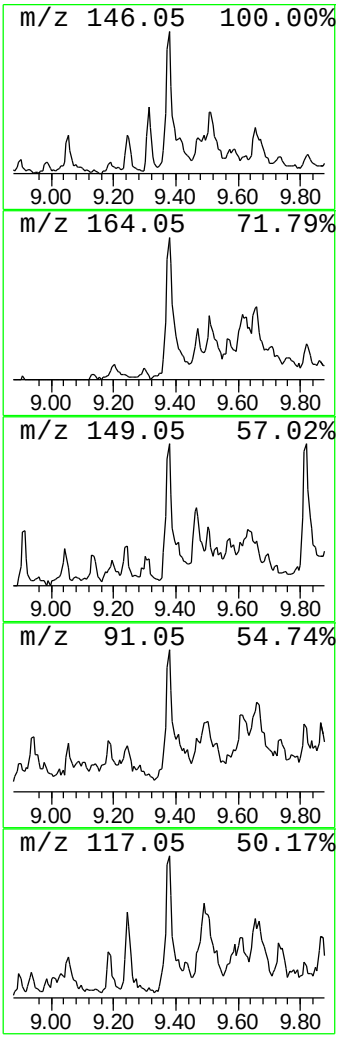
Peak Number 8 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	4.86 ng	326797	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	64
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	45
3	7-Benzofuranol, 2,3-dihydro-2,2-...	164	C10H12O2	001563-38-8	38
4	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	38
5	3-Allyl-6-methoxyphenol	164	C10H12O2	000501-19-9	30





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Misc :
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Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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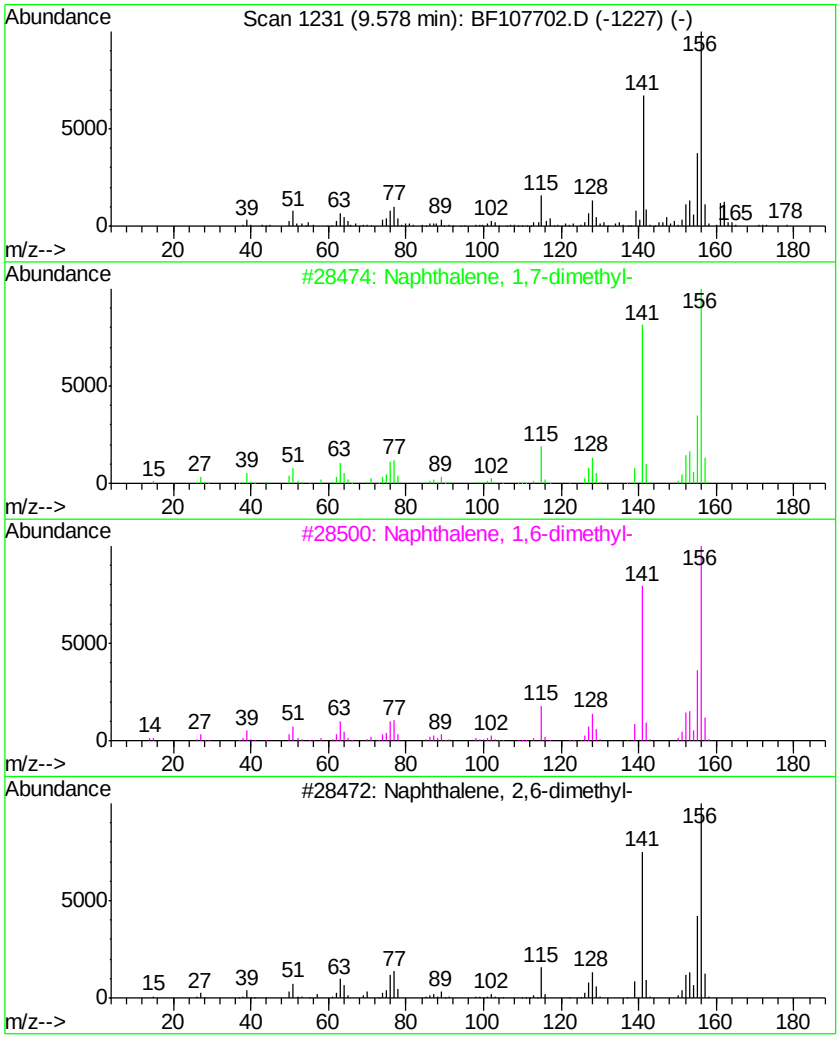
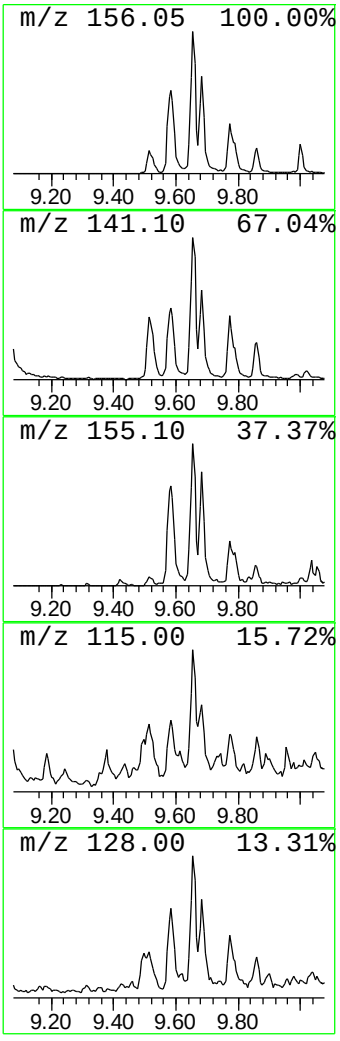
Peak Number 9 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	6.52 ng	438554	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Sample : J4167-01 10X
Misc :
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Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

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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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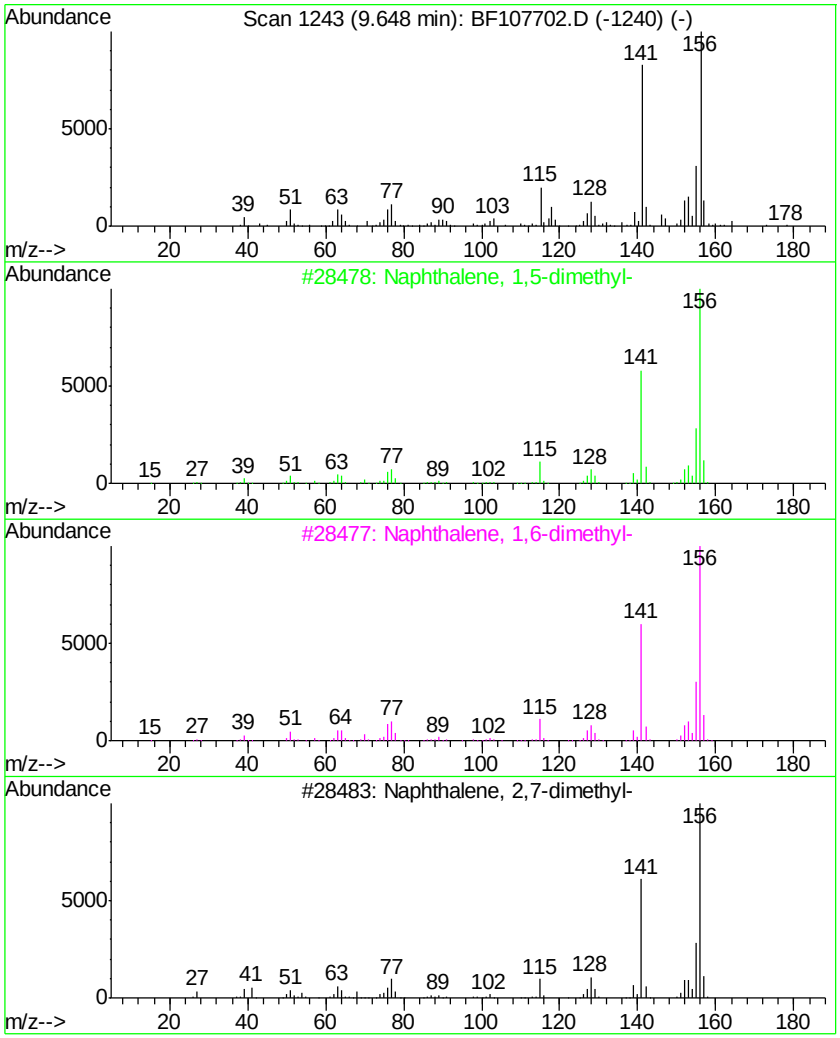
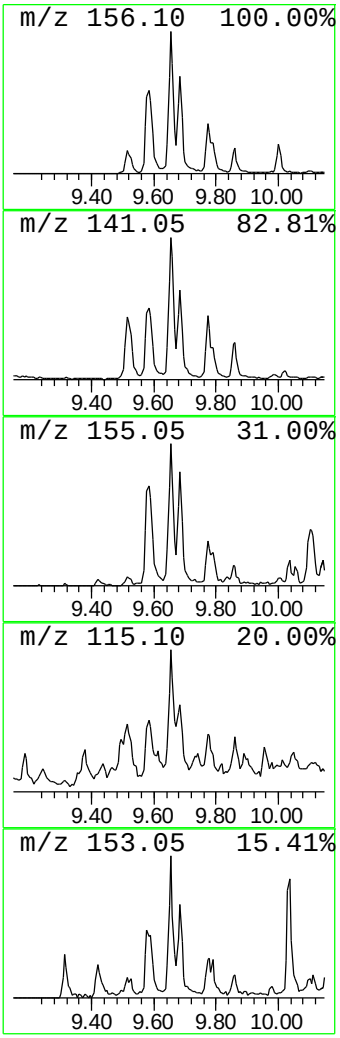
Peak Number 10 Naphthalene, 1,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	9.19 ng	618259	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Sample : J4167-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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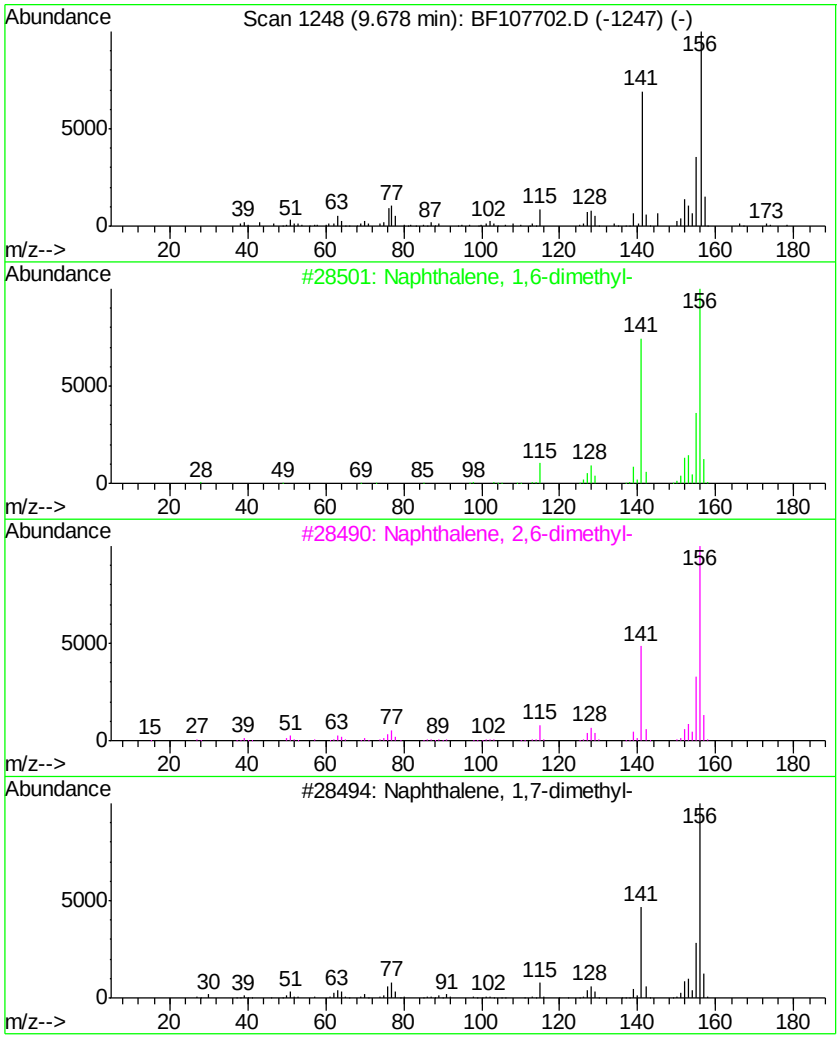
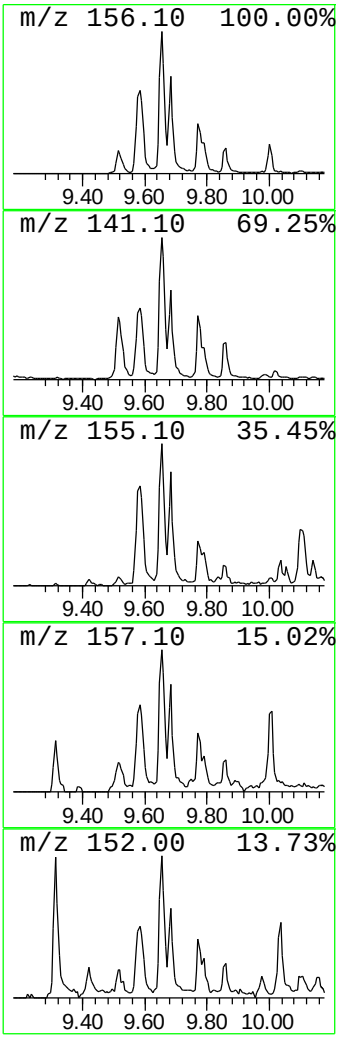
Peak Number 11 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	4.86 ng	326530	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91





Library Search Compound Report

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Sample : J4167-01 10X
Misc :
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Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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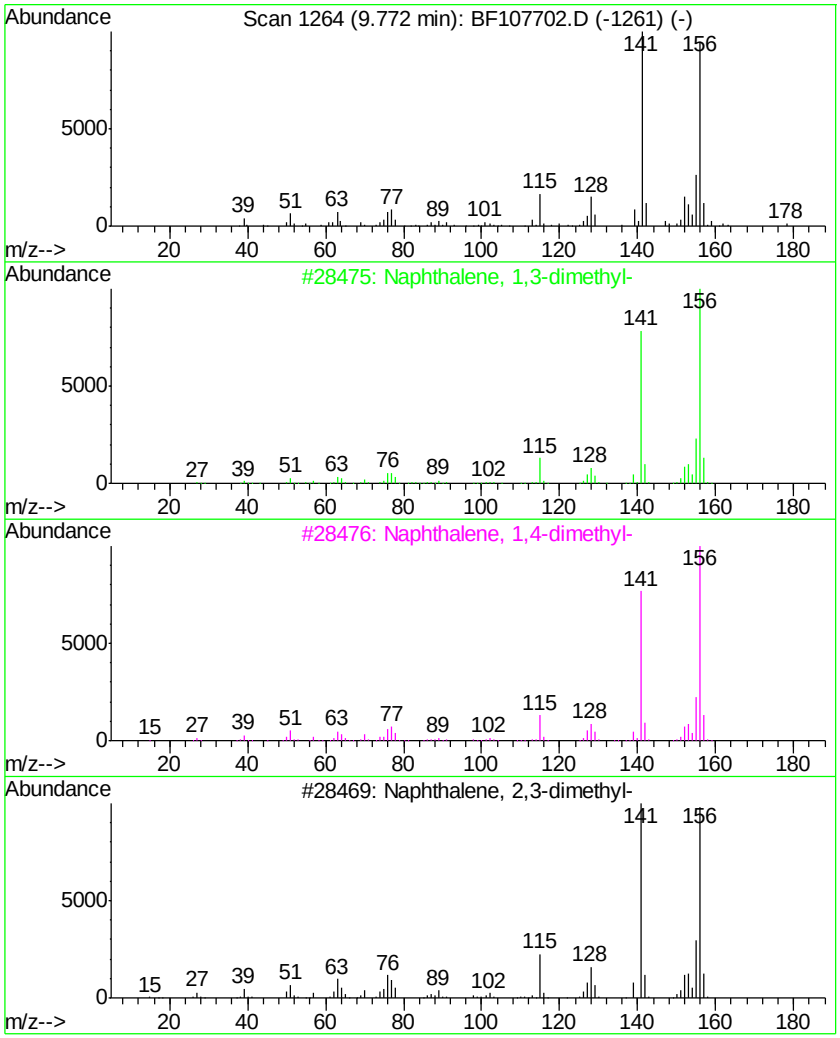
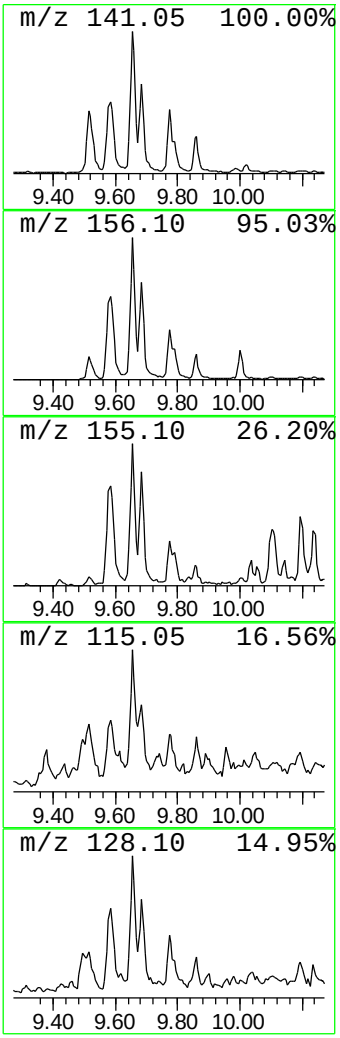
Peak Number 12 Naphthalene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.53 ng	169954	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95





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Sample : J4167-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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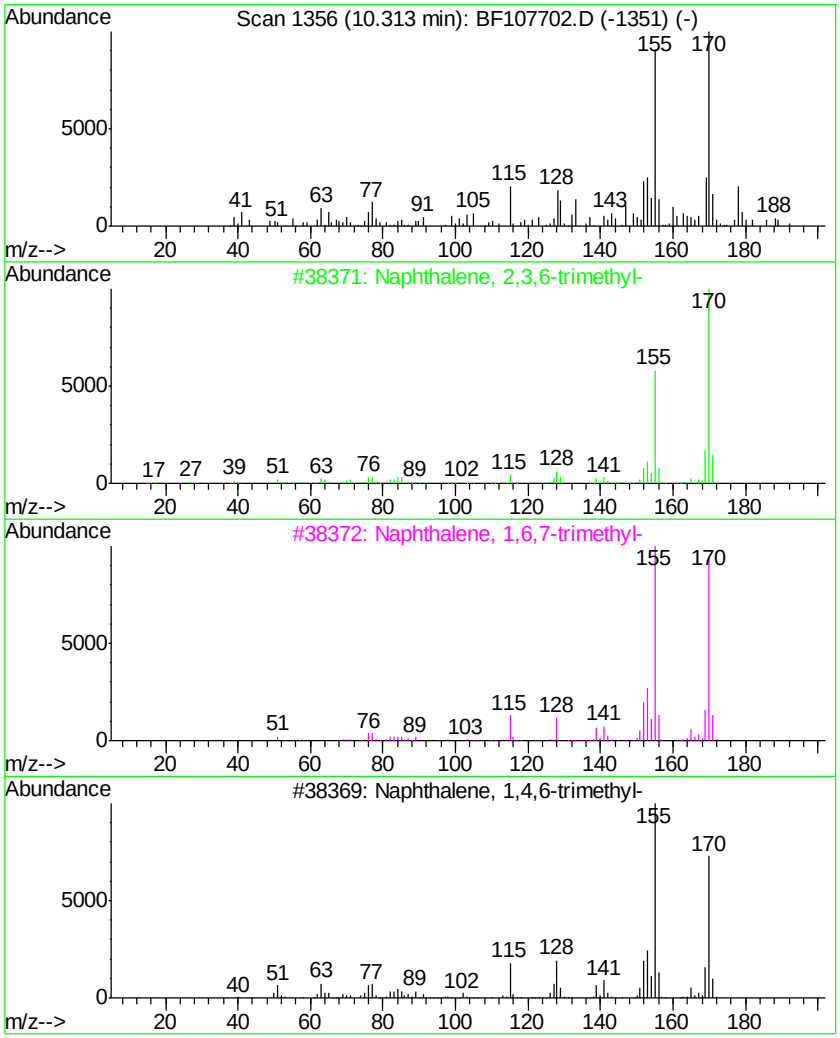
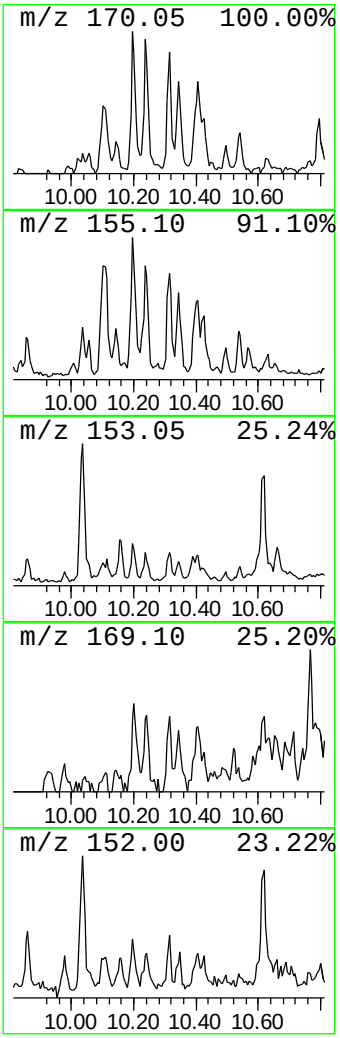
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	2.04 ng	137309	Acenaphthene-d10	10.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	83
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	74





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Sample : J4167-01 10X
Misc :
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Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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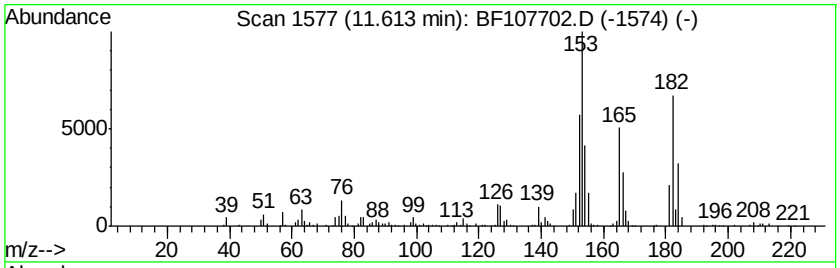
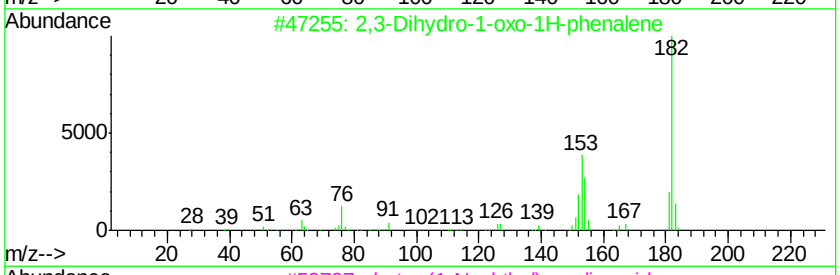
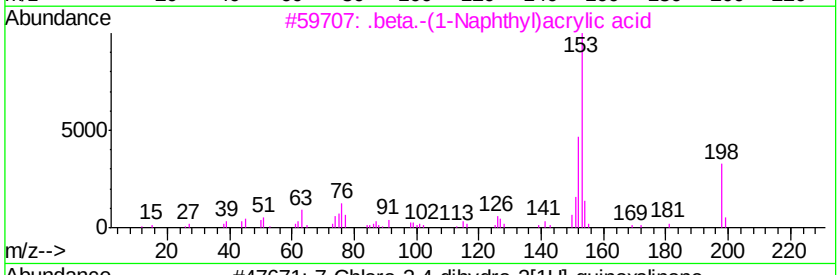
Peak Number 14 2,3-Dihydro-1-oxo-1H-phenalene Concentration Rank 13

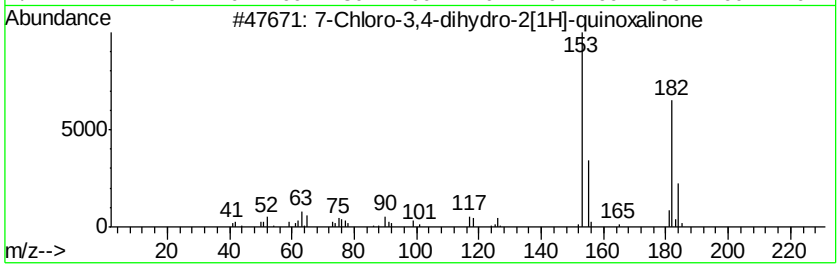
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	3.64 ng	269844	Phenanthrene-d10	11.50

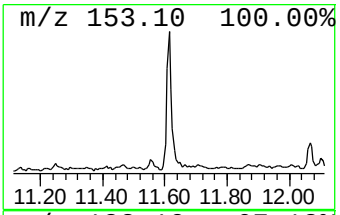
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	83
2	.beta.-(1-Naphthyl)acrylic acid	198	C13H10O2	013026-12-5	35
3	7-Chloro-3,4-dihydro-2[1H]-quino...	182	C8H7ClN2O	066367-05-3	35
4	2-(2-Aminoethyl)-4-amino-6-dimet...	182	C7H14N6	040917-13-3	27
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	27

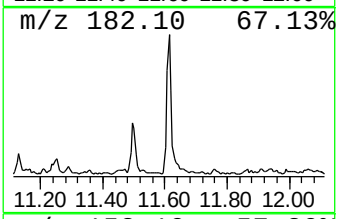


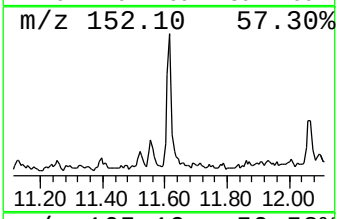


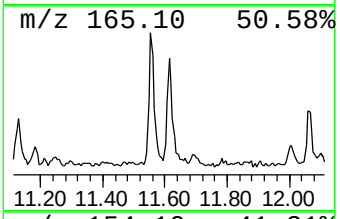


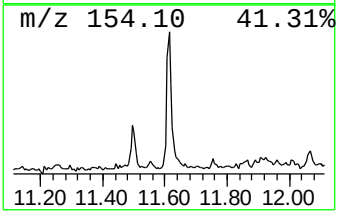












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Operator : JU/SJ
Sample : J4167-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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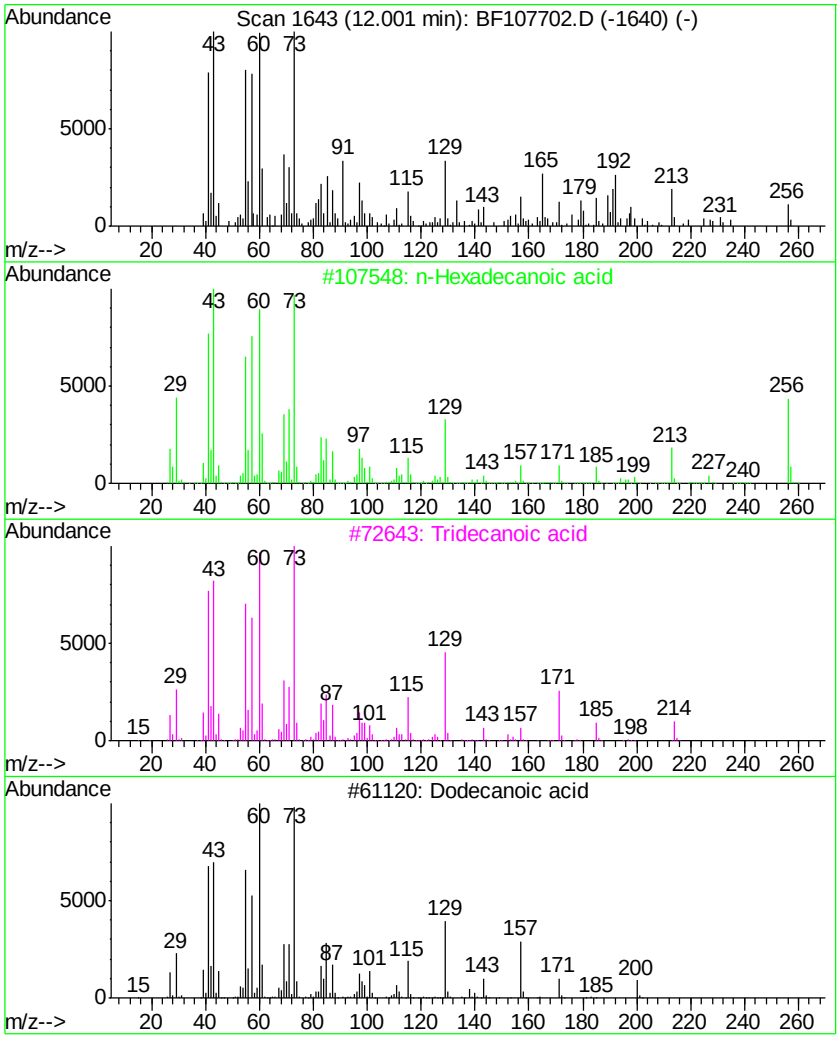
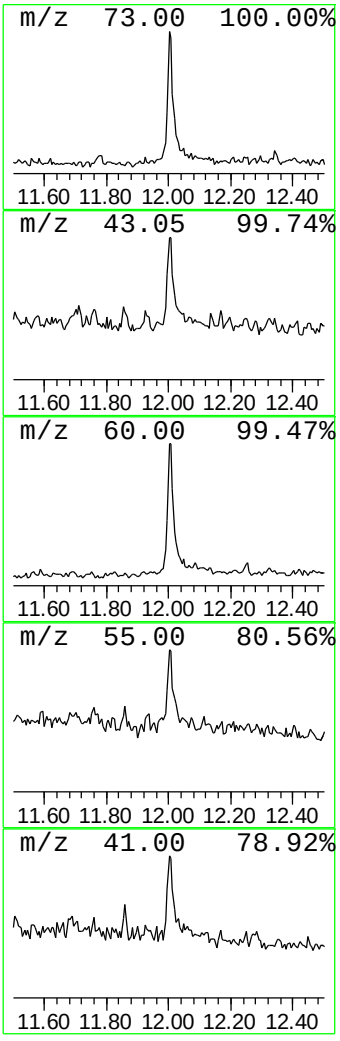
Peak Number 15 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	3.00 ng	222610	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2	Tridecanoic acid	214	C13H26O2	000638-53-9	60
3	Dodecanoic acid	200	C12H24O2	000143-07-7	49
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5	Octanoic acid	144	C8H16O2	000124-07-2	35





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Misc :
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Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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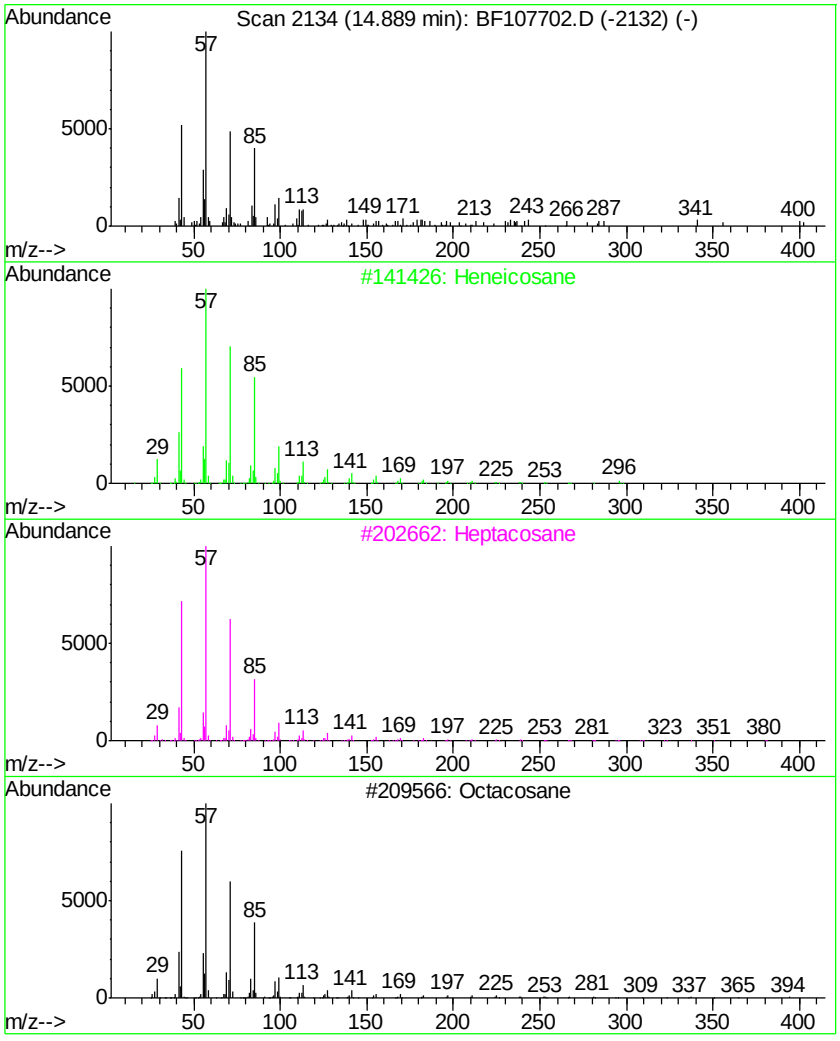
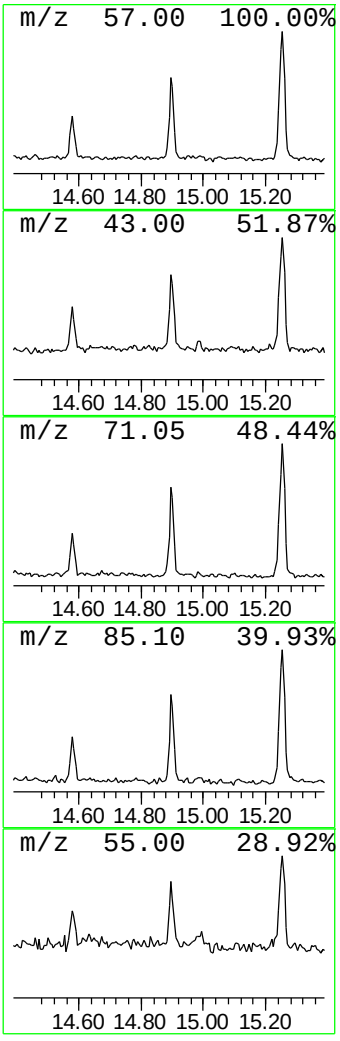
Peak Number 16 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.30 ng	144161	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Octacosane	394	C28H58	000630-02-4	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Docosane	310	C22H46	000629-97-0	86





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Misc :
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ClientSampleId : GS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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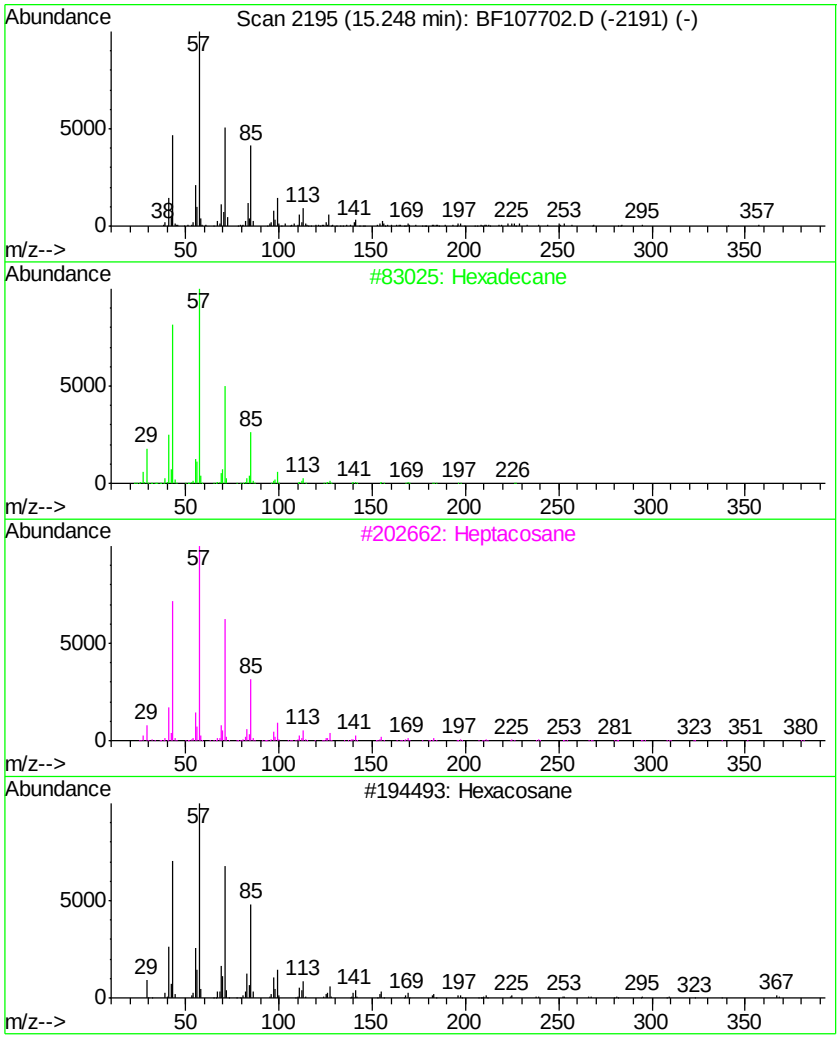
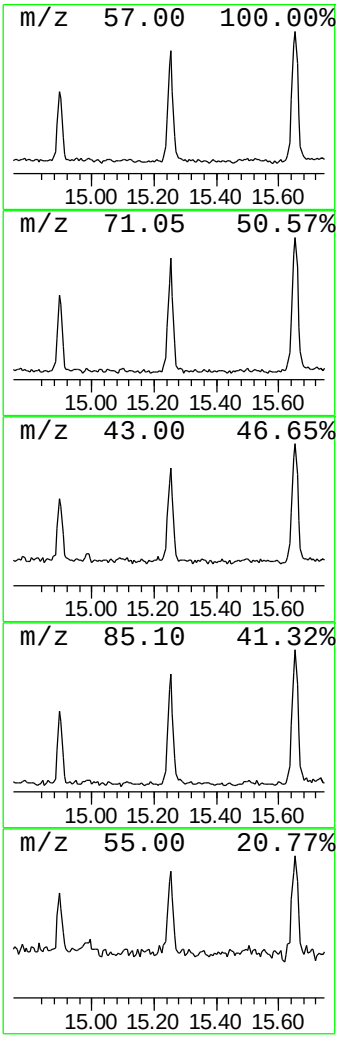
Peak Number 17 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	3.62 ng	255050	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptacosane	380	C27H56	000593-49-7	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Data File : BF107702.D
Acq On : 26 Jul 2018 16:24
Operator : JU/SJ
Sample : J4167-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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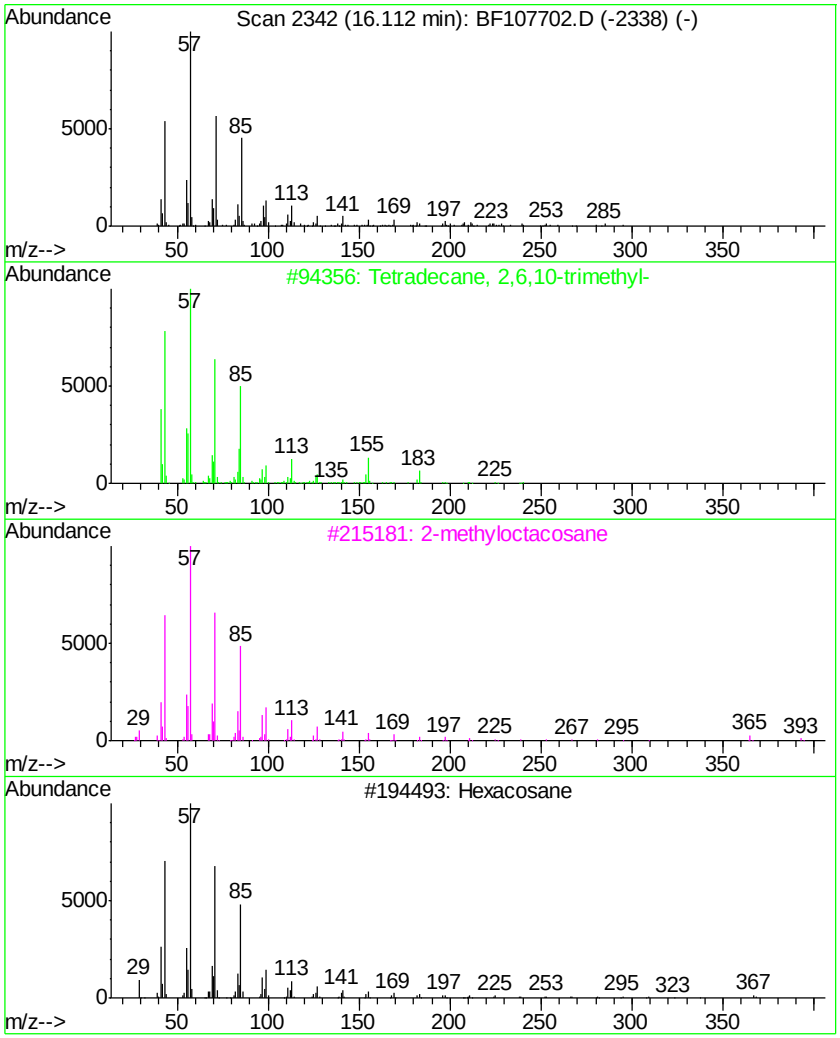
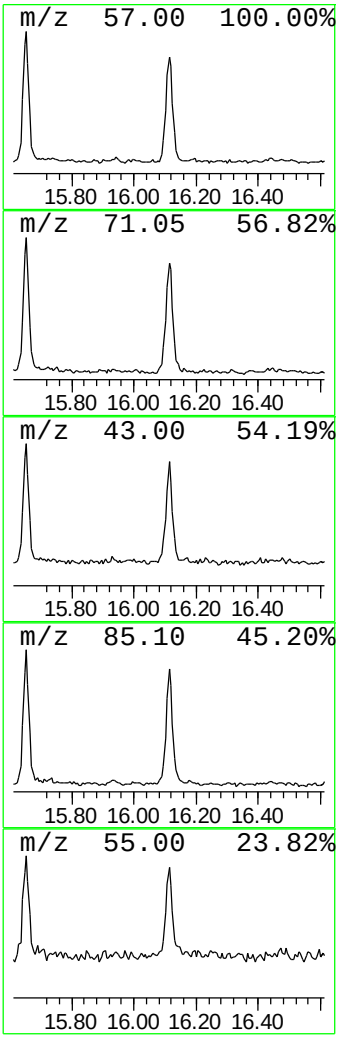
Peak Number 18 Tetradecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	4.44 ng	312607	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Hexatriacontane	507	C36H74	000630-06-8	90
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107702.D
Acq On : 26 Jul 2018 16:24
Operator : JU/SJ
Sample : J4167-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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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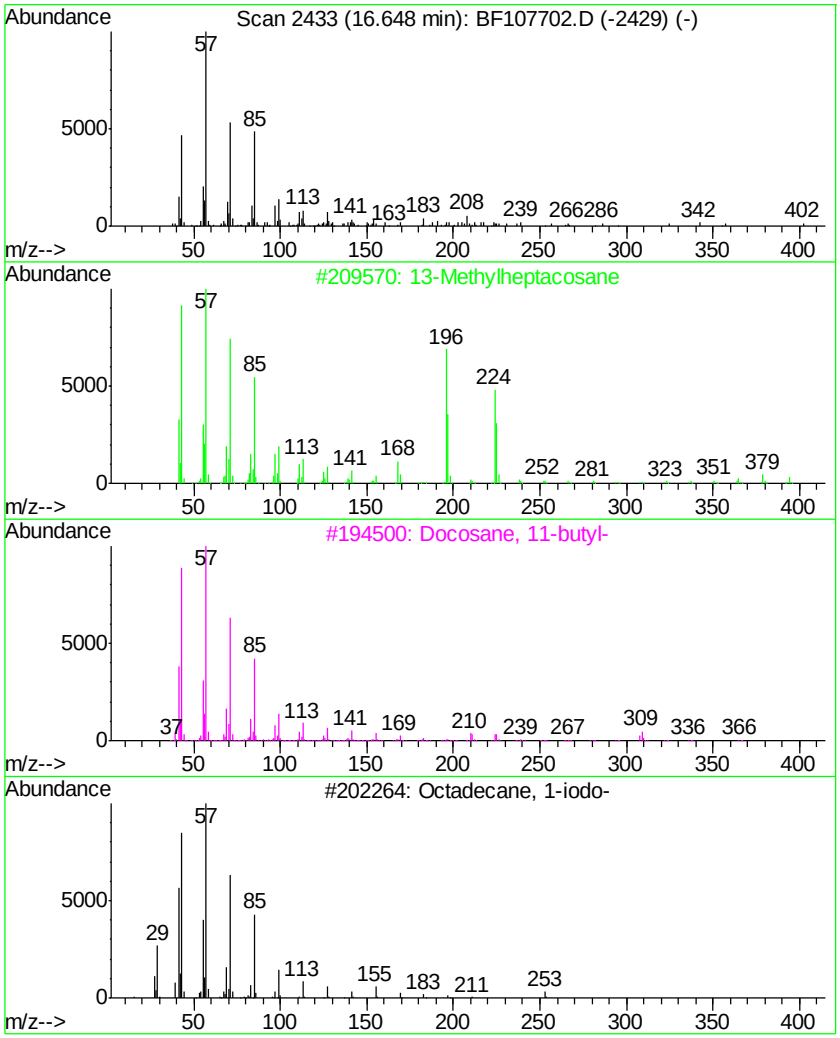
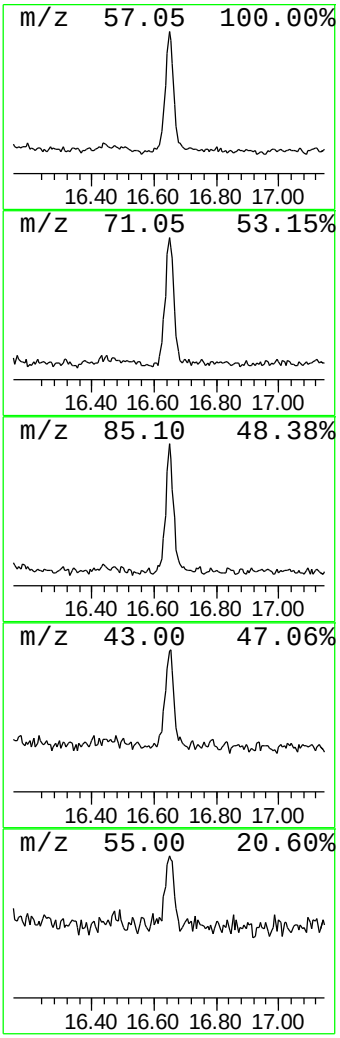
Peak Number 19 13-Methylheptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	2.76 ng	194504	Perylene-d12	15.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Methylheptacosane	394	C28H58	015689-72-2	81
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	80
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
4	Tetratetracontane	619	C44H90	007098-22-8	68
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107702.D
Acq On : 26 Jul 2018 16:24
Operator : JU/SJ
Sample : J4167-01 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GS-OILY-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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
Benzene, 1,3-dime...	5.81	4.6	ng	180003	1	6.96	787291	20.0
unknown6.74	6.74	7.1	ng	279308	1	6.96	787291	20.0
Benzene, 1,2,4-tr...	6.78	4.4	ng	173816	1	6.96	787291	20.0
Mesitylene	7.01	10.9	ng	430685	1	6.96	787291	20.0
1-Phenyl-1-butene	7.97	4.5	ng	352803	2	8.24	1576910	20.0
Naphthalene, 2-me...	9.05	12.0	ng	947291	2	8.24	1576910	20.0
Benzoic acid, 2,4...	9.38	4.9	ng	326797	3	10.00	1345000	20.0
Naphthalene, 1,7-...	9.58	6.5	ng	438554	3	10.00	1345000	20.0
Naphthalene, 1,5-...	9.65	9.2	ng	618259	3	10.00	1345000	20.0
Naphthalene, 1,6-...	9.68	4.9	ng	326530	3	10.00	1345000	20.0
Naphthalene, 1,3-...	9.77	2.5	ng	169954	3	10.00	1345000	20.0
Naphthalene, 2,3,...	10.31	2.0	ng	137309	3	10.00	1345000	20.0
2,3-Dihydro-1-oxo...	11.61	3.6	ng	269844	4	11.50	1483370	20.0
n-Hexadecanoic acid	12.00	3.0	ng	222610	4	11.50	1483370	20.0
Heneicosane	14.89	2.3	ng	144161	5	14.15	1255150	20.0
Hexadecane	15.25	3.6	ng	255050	6	15.68	1407250	20.0
Tetradecane, 2,6,...	16.11	4.4	ng	312607	6	15.68	1407250	20.0
13-Methylheptacosane	16.65	2.8	ng	194504	6	15.68	1407250	20.0