LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096383.D
Acq On : 1 Jul 2017 17:15
Operator : SJ/MA
Sample : I3983-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DRUM-COMP

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-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.928	477	483	491	rBV	413745	582640	12.86%	0.866%
2	5.351	549	555	558	rBV	3274777	3514277	77.56%	5.226%
3	6.375	723	729	732	rVB	3087107	3458864	76.34%	5.144%
4	6.504	746	751	754	rBV	3388182	3319682	73.26%	4.937%
5	6.734	786	790	793	rBV	825559	653880	14.43%	0.972%
6	6.892	812	817	820	rBV	2799024	2500082	55.18%	3.718%
7	7.292	880	885	888	rBV	2096899	2072925	45.75%	3.083%
8	7.722	949	958	960	rBV	54882	68172	1.50%	0.101%
9	8.016	1004	1008	1011	rBV	1094219	914886	20.19%	1.361%
10	8.775	1133	1137	1139	rBV2	90081	112552	2.48%	0.167%
11	8.980	1168	1172	1174	rBV3	60726	83082	1.83%	0.124%
12	9.010	1174	1177	1182	rBV4	153591	268381	5.92%	0.399%
13	9.092	1186	1191	1194	rBV	3474812	3152273	69.57%	4.688%
14	9.151	1196	1201	1202	rBV4	75493	130383	2.88%	0.194%
15	9.175	1202	1205	1209	rVV	396920	405446	8.95%	0.603%
16	9.380	1237	1240	1242	rBV3	104596	127846	2.82%	0.190%
17	9.404	1242	1244	1246	rVV2	141018	135330	2.99%	0.201%
18	9.433	1247	1249	1254	rVV3	231792	307744	6.79%	0.458%
19	9.486	1254	1258	1260	rVV	2445301	2096854	46.28%	3.118%
20	9.510	1260	1262	1264	rVV3	294519	321802	7.10%	0.479%
21	9.539	1265	1267	1272	rVB4	414559	498831	11.01%	0.742%
22	9.645	1281	1285	1288	rBV4	781953	1120347	24.73%	1.666%
23	9.692	1289	1293	1295	rVB	1712968	1749857	38.62%	2.602%
24	9.727	1295	1299	1301	rBV3	525000	624478	13.78%	0.929%
25	9.763	1301	1305	1312	rBV5	1116531	2004415	44.24%	2.981%
26	9.822	1312	1315	1317	rBV2	548214	588716	12.99%	0.875%
27	9.922	1329	1332	1337	rBV2	1288107	1175740	25.95%	1.748%
28	9.975	1338	1341	1344	rVB	1117746	951622	21.00%	1.415%
29	10.045	1351	1353	1356	rBV3	499233	507368	11.20%	0.755%
30	10.080	1357	1359	1361	rVV	687231	537227	11.86%	0.799%
31	10.151	1368	1371	1374	rBV4	611854	686423	15.15%	1.021%
32	10.192	1374	1378	1381	rVV3	1393226	1533151	33.84%	2.280%
33	10.386	1409	1411	1413	rBV	858178	937109	20.68%	1.394%
34	10.410	1413	1415	1418	rVB	1409942	1164151	25.69%	1.731%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096383.D
Acq On : 1 Jul 2017 17:15
Operator : SJ/MA
Sample : I3983-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DRUM-COMP

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-BF070117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.716	1465	1467	1471	rVB	997413	890695	19.66%	1.325%
36	10.757	1472	1474	1478	rVB	812175	838022	18.49%	1.246%
37	10.851	1487	1490	1492	rBV	1215437	1260511	27.82%	1.875%
38	10.933	1502	1504	1510	rVB	1498195	1343881	29.66%	1.999%
39	11.045	1521	1523	1530	rBV	1110403	1313202	28.98%	1.953%
40	11.227	1550	1554	1557	rBV	2050642	2398447	52.93%	3.567%
41	11.292	1561	1565	1568	rVV2	2168204	3292258	72.66%	4.896%
42	11.321	1568	1570	1574	rVB	2211423	2375031	52.42%	3.532%
43	11.386	1577	1581	1584	rBV	2190368	2448056	54.03%	3.641%
44	11.498	1596	1600	1603	rBV	1979248	2913660	64.30%	4.333%
45	11.674	1625	1630	1633	rBV	2605417	4531104	100.00%	6.738%
46	11.810	1650	1653	1662	rVB	1447076	2523112	55.68%	3.752%
47	12.092	1697	1701	1707	rBV	1480789	2809493	62.00%	4.178%

Sum of corrected areas: 67244008

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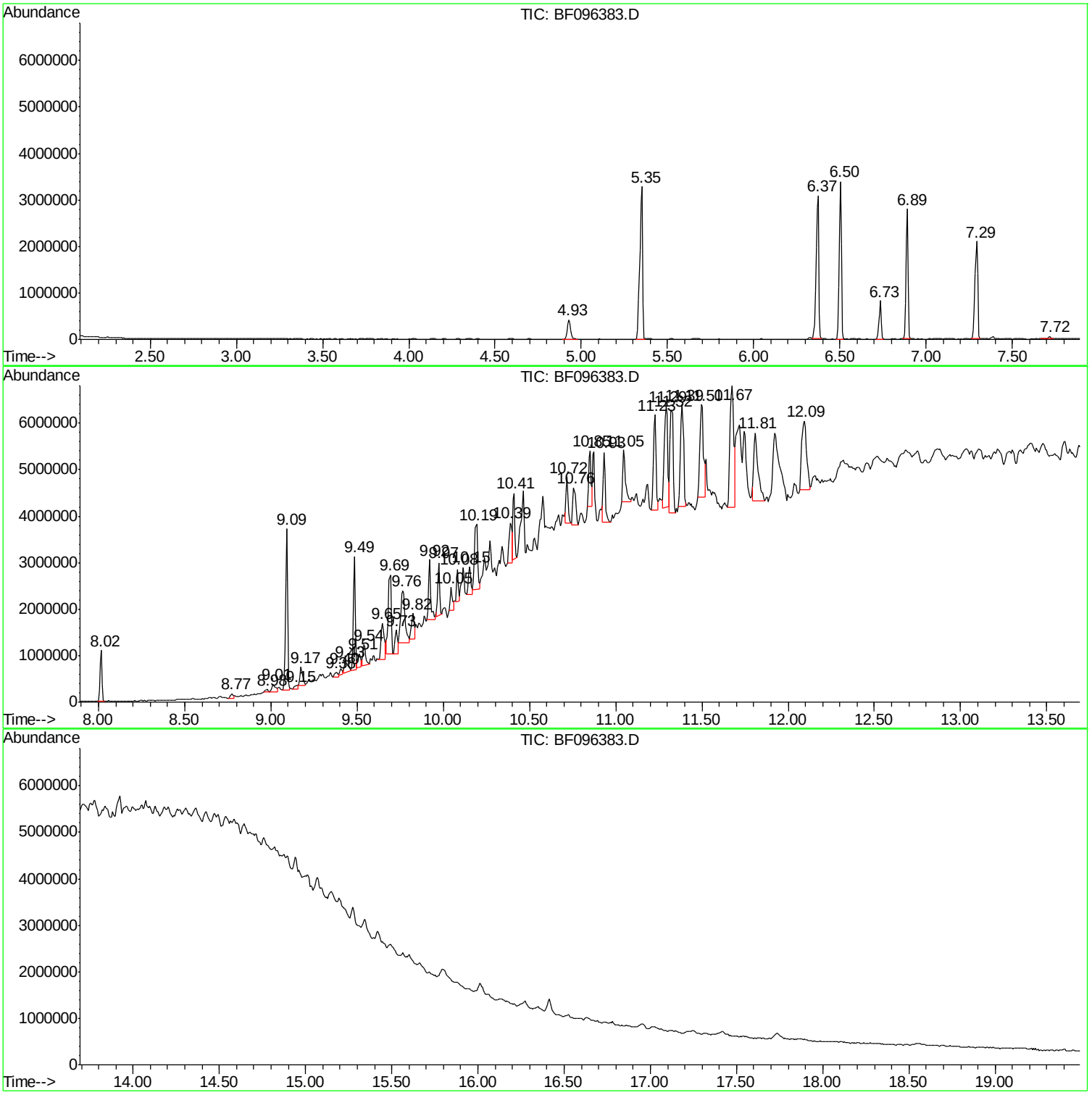
Instrument : BNA_F
ClientSampleId : OILY-DRUM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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Acq On : 1 Jul 2017 17:15
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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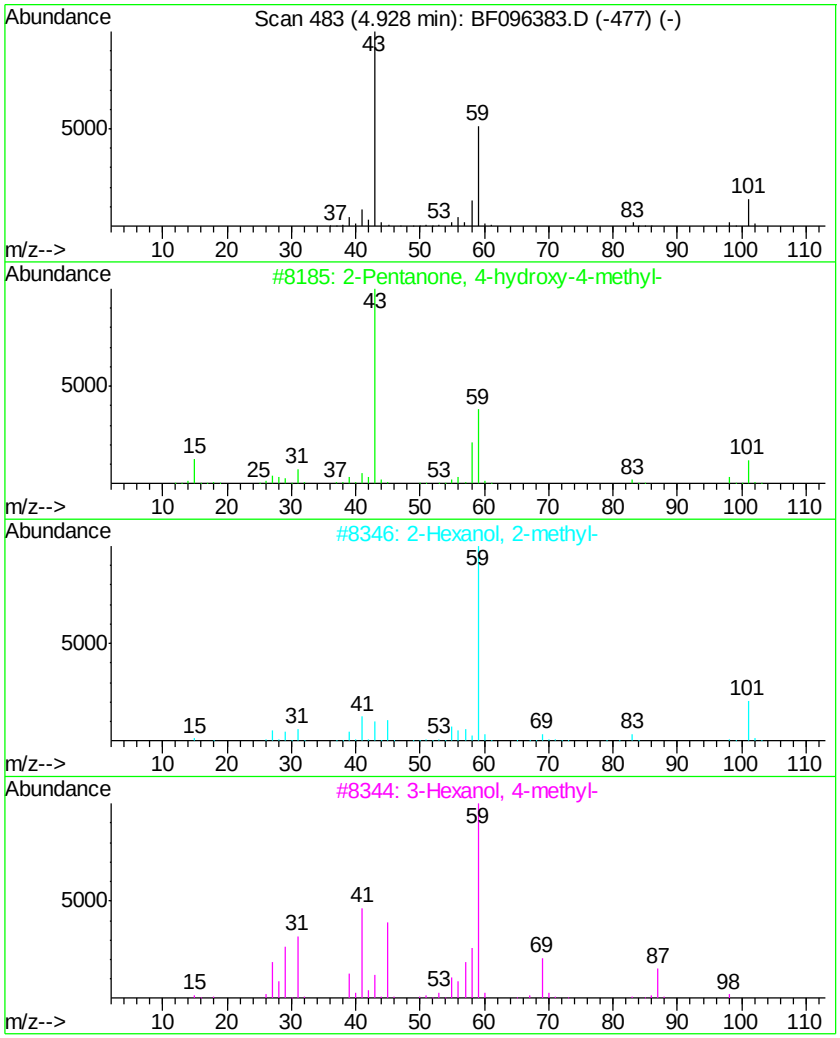
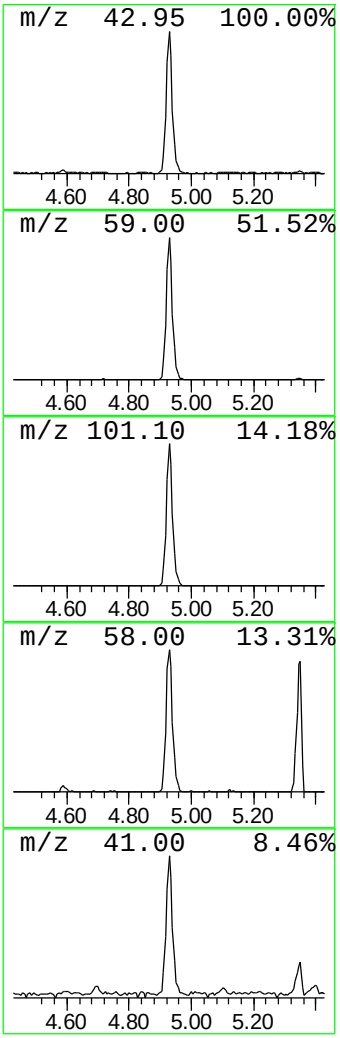
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	17.82 ng	582640	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	9





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Operator : SJ/MA
Sample : I3983-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DRUM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

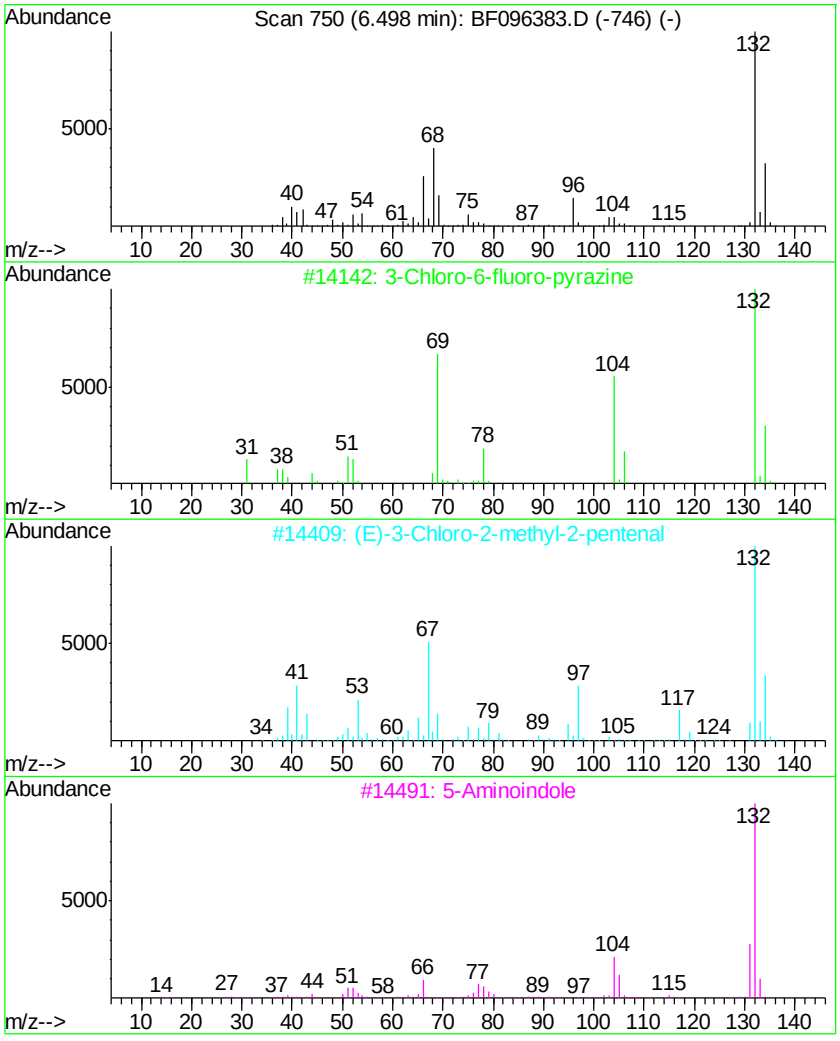
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

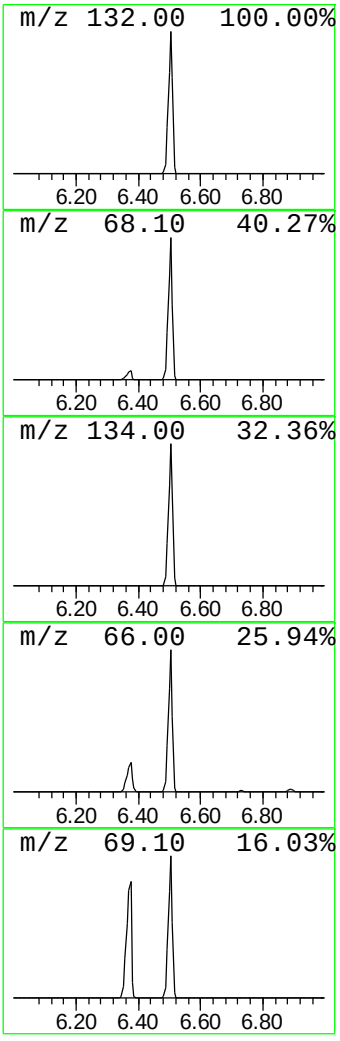
****

Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	101.54 ng	3319680	1,4-Dichlorobenzene-d4	6.73

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	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Operator : SJ/MA
Sample : I3983-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DRUM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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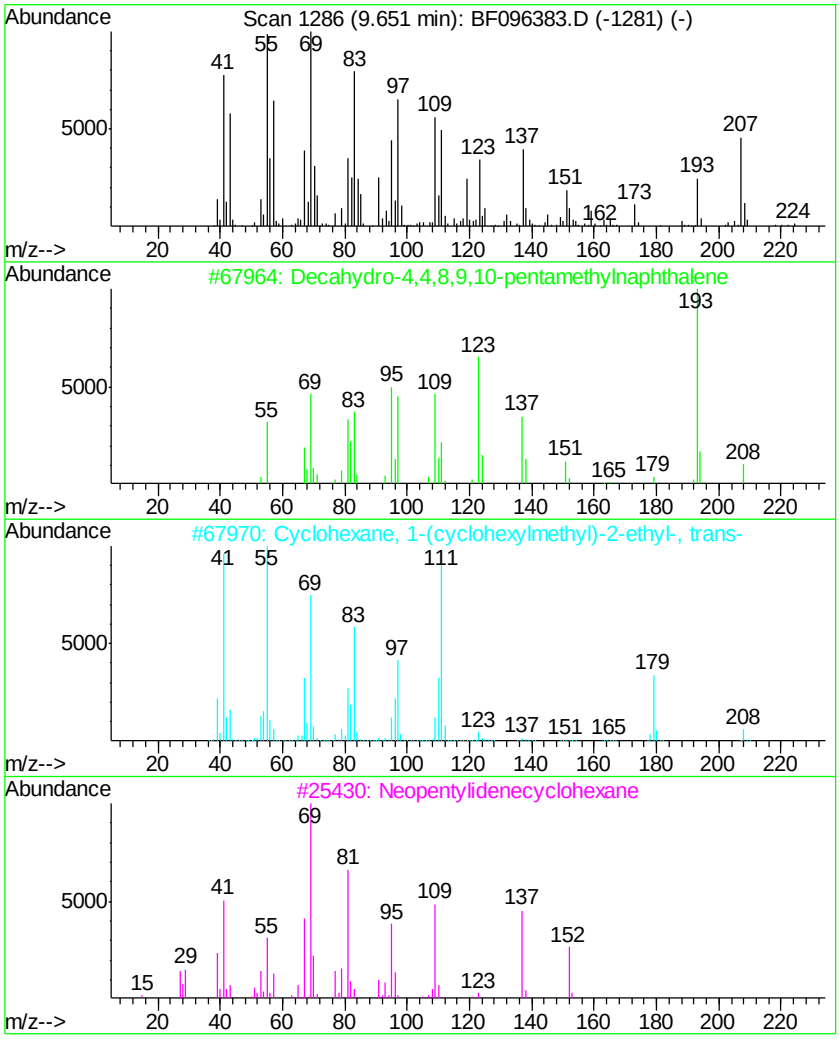
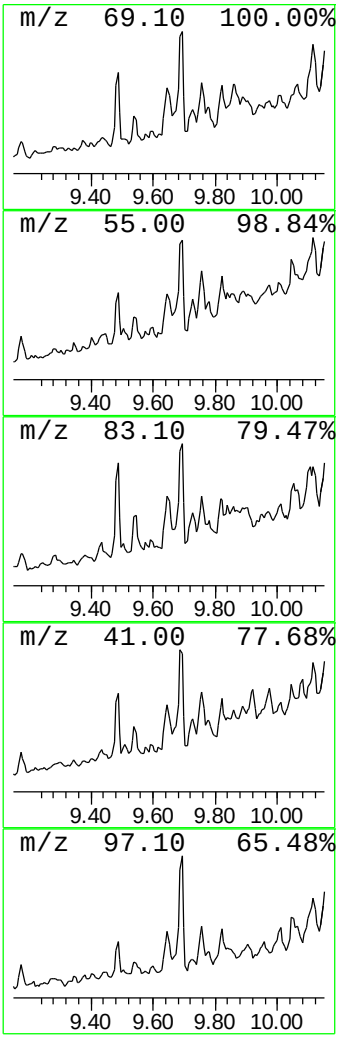
Peak Number 4 Decahydro-4,4,8,9,10-pentam... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	11.18 ng	1120350	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	78
2	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-92-8	38
3	Neopentylidenecyclohexane	152	C11H20	039546-80-0	35
4	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	000547-60-4	30
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	27





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Sample : I3983-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DRUM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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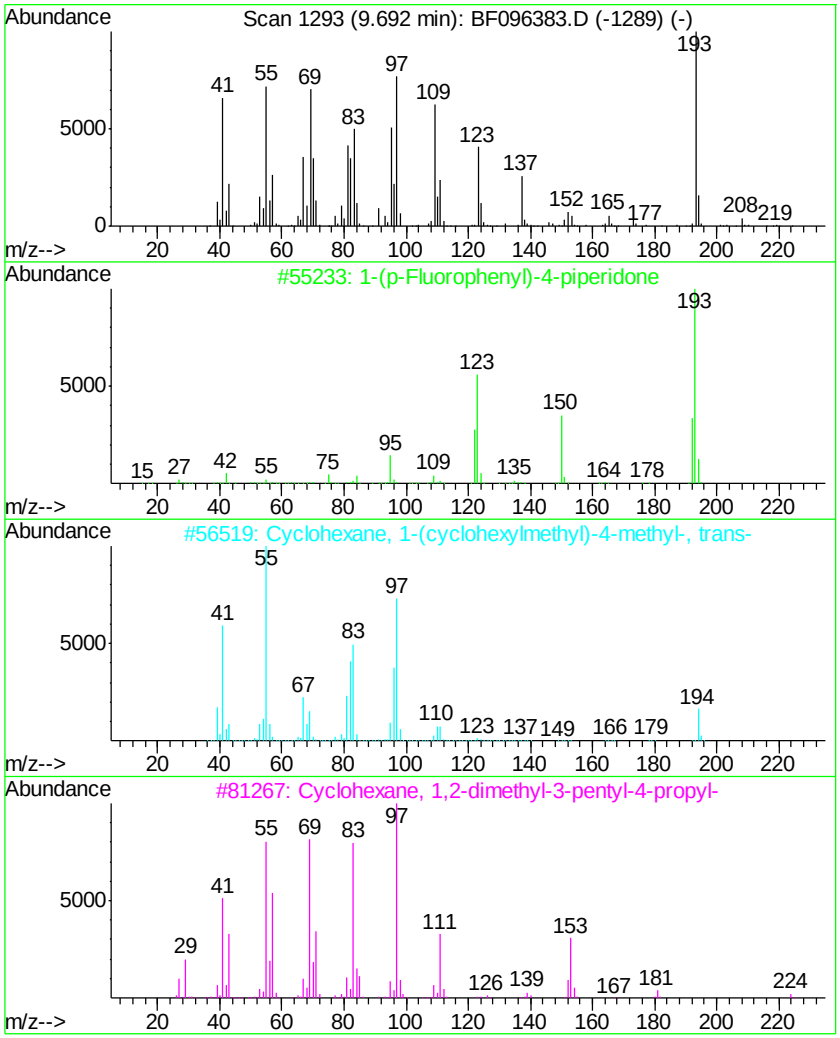
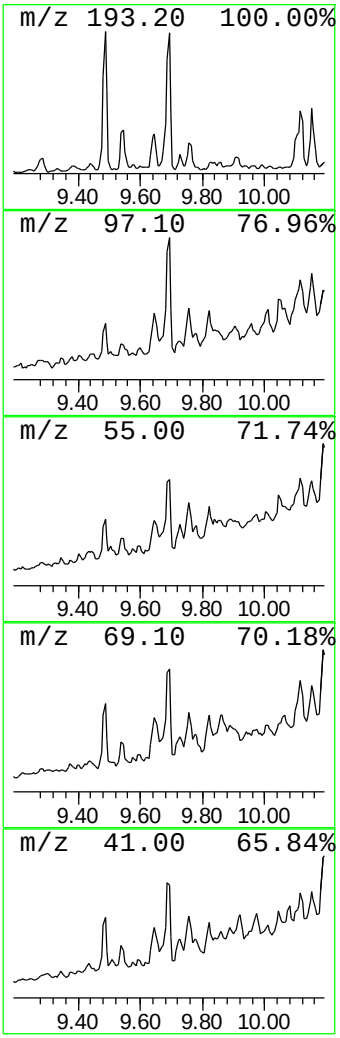
Peak Number 5 unknown9.69 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	17.46 ng	1749860	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	27
2	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-98-2	25
3	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	22
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	22
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	14





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Sample : I3983-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DRUM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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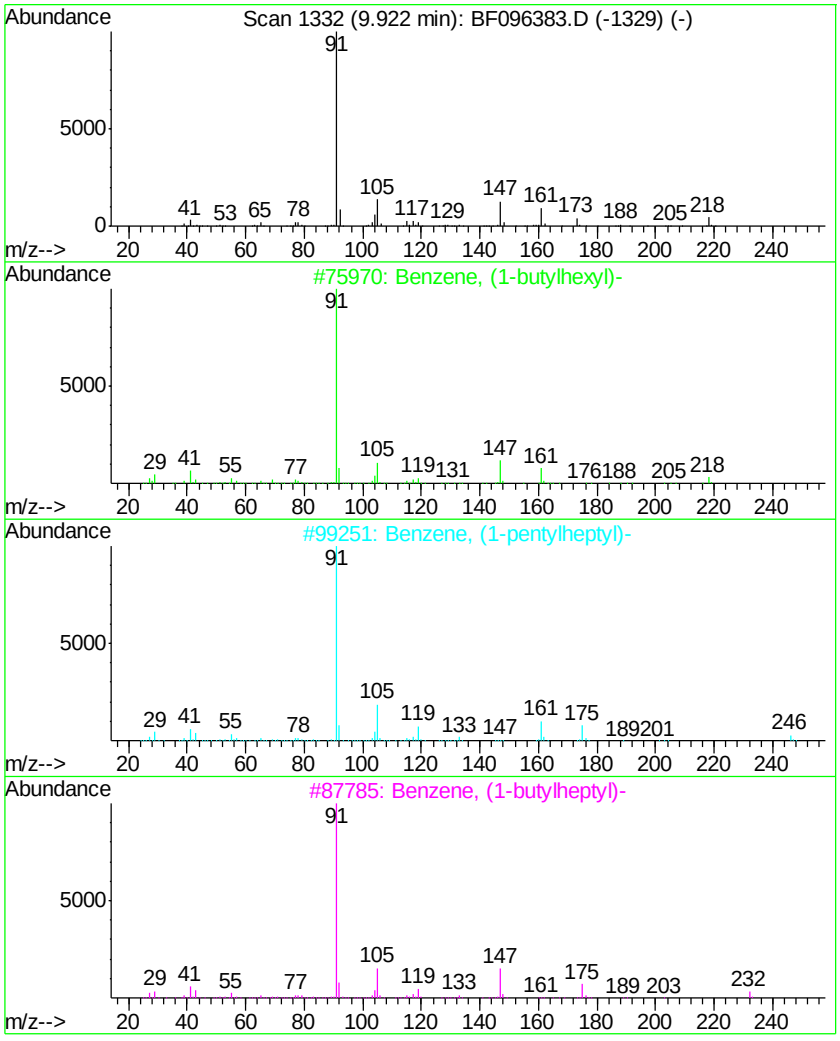
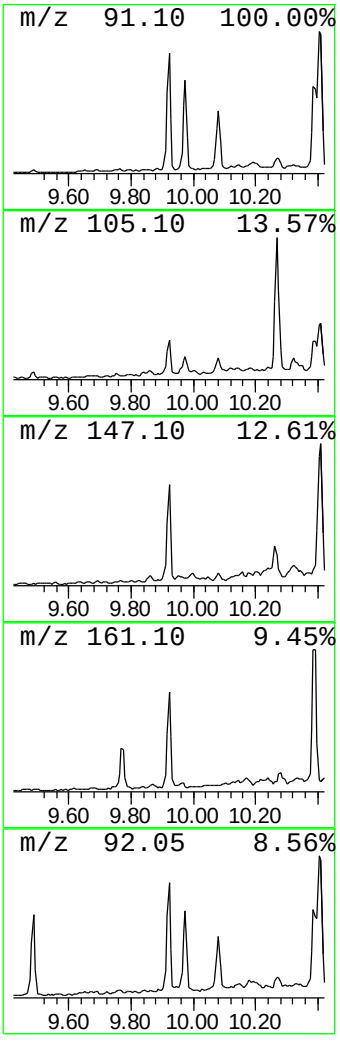
****

Peak Number 6 Benzene, (1-butylhexyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	11.73 ng	1175740	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	93
2	Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	53
3	Benzene, (1-butylheptyl)-	232	C17H28	004537-15-9	50
4	Benzene, (1-pentylhexyl)-	232	C17H28	004537-14-8	42
5	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	40





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DRUM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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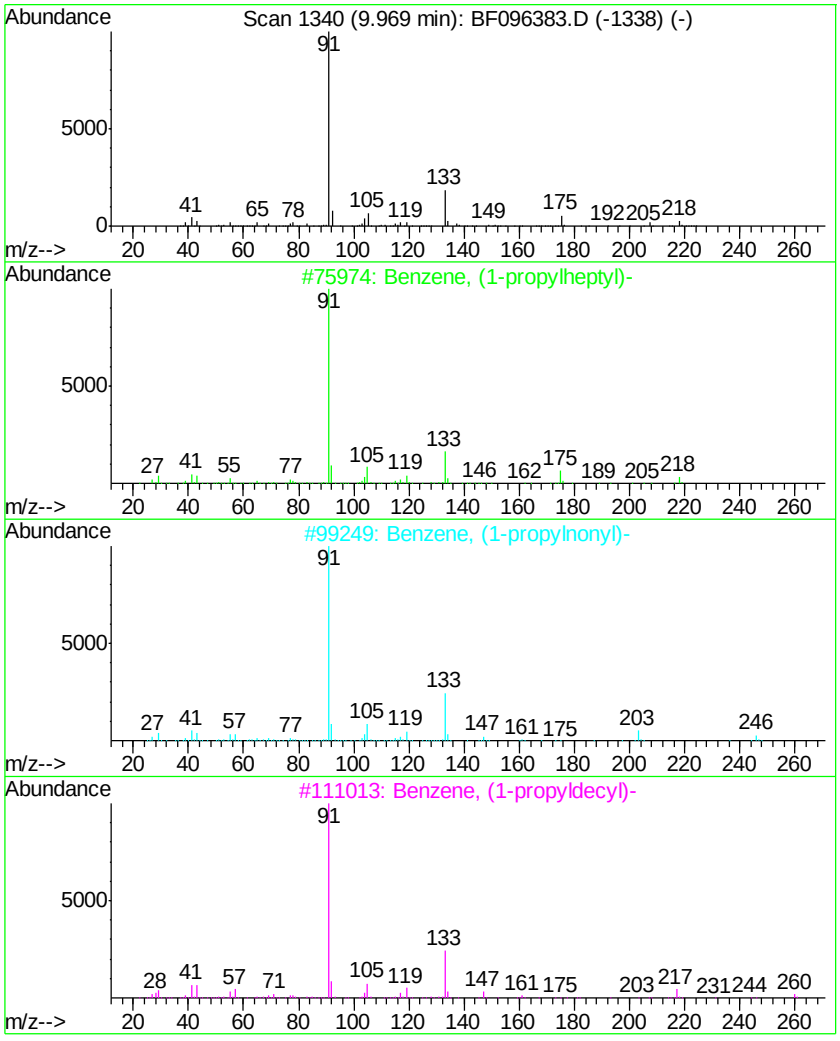
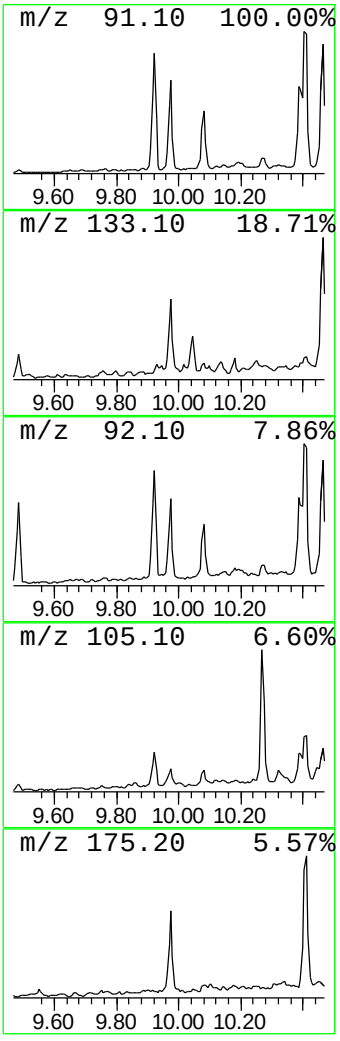
Peak Number 7 Benzene, (1-propylheptyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	9.50 ng	951622	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propylheptyl)-	218	C16H26	004537-12-6	90
2	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	59
3	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	45
4	Cyclopropane, 1-(2-methylene-3-b...	162	C12H18	051567-07-8	30
5	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	27





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Misc :
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Instrument : BNA_F
ClientSampleId : OILY-DRUM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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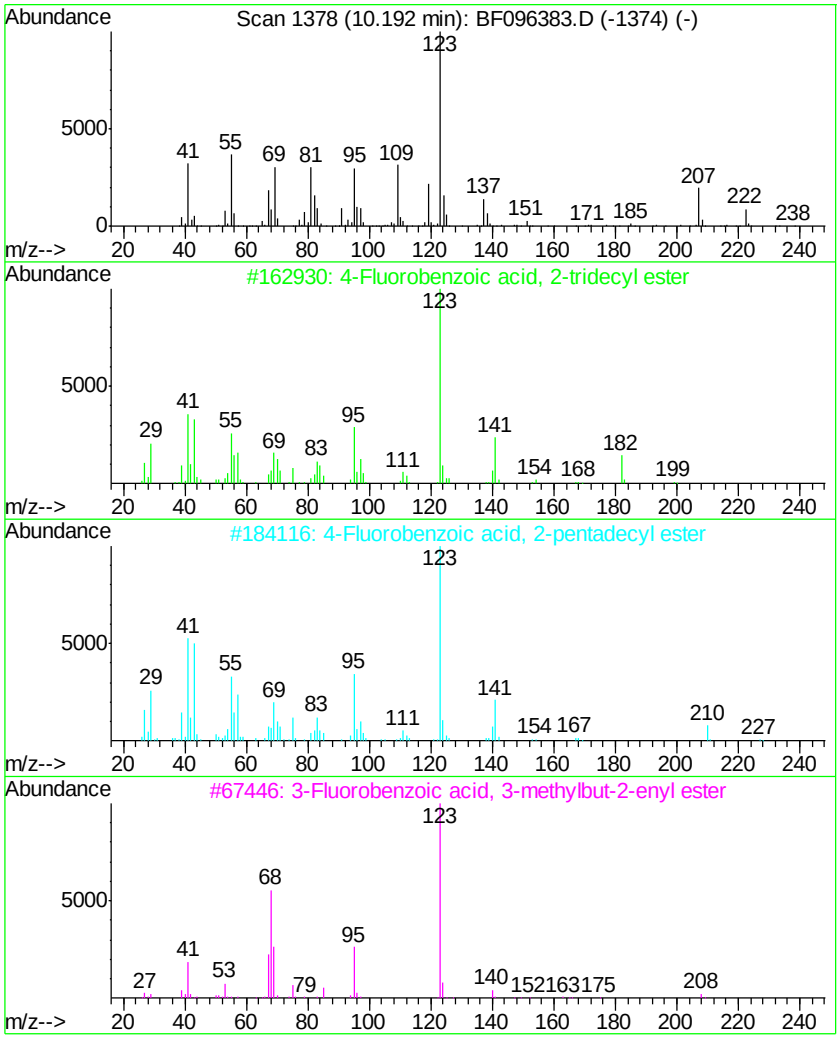
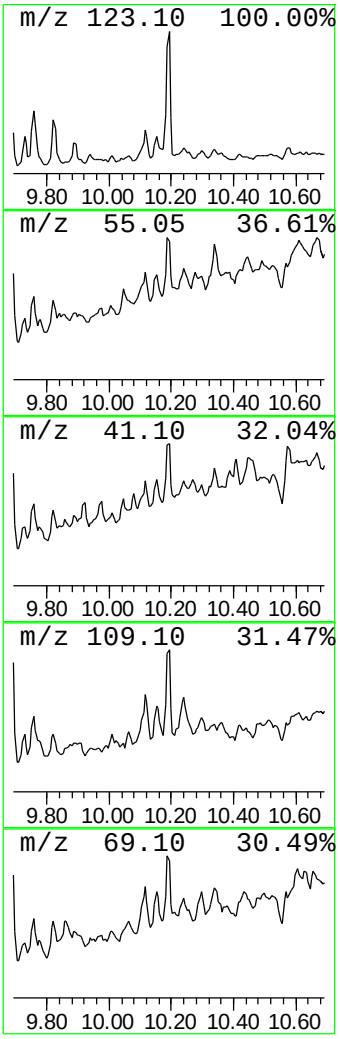
Peak Number 8 unknown10.19 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	15.30 ng	1533150	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluorobenzoic acid, 2-tridecyl...	322	C20H31FO2	1000280-67-8	47
2	4-Fluorobenzoic acid, 2-pentadec...	350	C22H35FO2	1000280-68-3	47
3	3-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	154559-38-3	46
4	1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	46
5	4-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	1000299-15-1	43





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
Data File : BF096383.D
Acq On : 1 Jul 2017 17:15
Operator : SJ/MA
Sample : I3983-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DRUM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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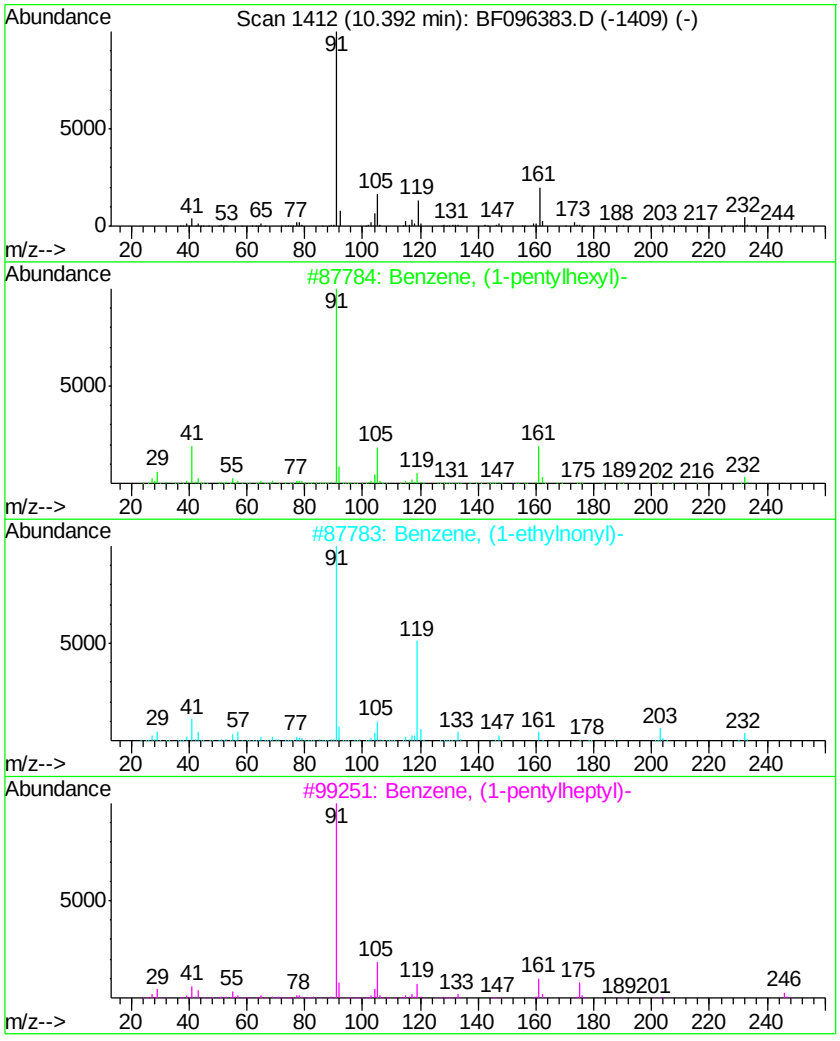
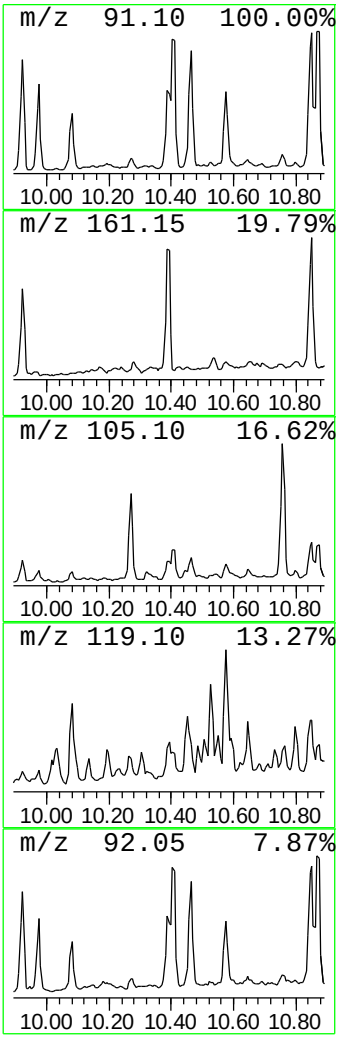
Peak Number 9 Benzene, (1-pentylhexyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	9.35 ng	937109	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-pentylhexyl)-	232	C17H28	004537-14-8	90
2	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	47
3	Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	38
4	Benzene, (1-pentyloctyl)-	260	C19H32	004534-49-0	38
5	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	32





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Acq On : 1 Jul 2017 17:15
Operator : SJ/MA
Sample : I3983-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DRUM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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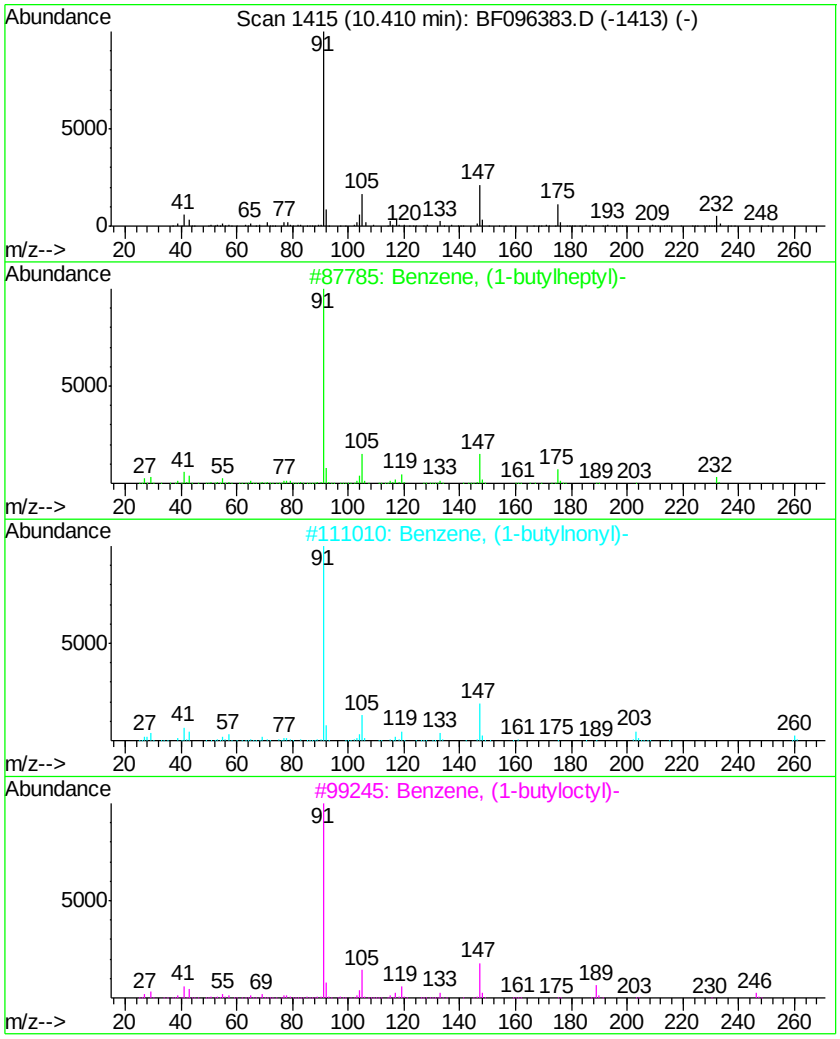
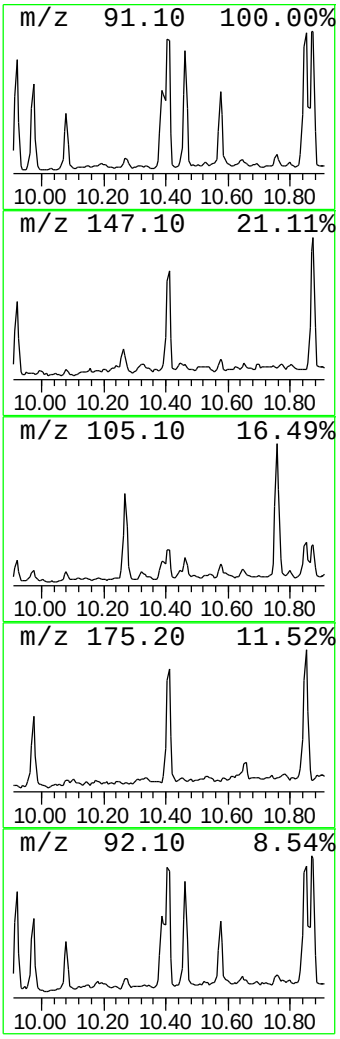
Peak Number 10 Benzene, (1-butylheptyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	11.62 ng	1164150	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butylheptyl)-	232	C17H28	004537-15-9	97
2	Benzene, (1-butylnonyl)-	260	C19H32	004534-50-3	59
3	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	59
4	1-Benzylazetidine	147	C10H13N	007730-39-4	50
5	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	43





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Sample : I3983-01
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DRUM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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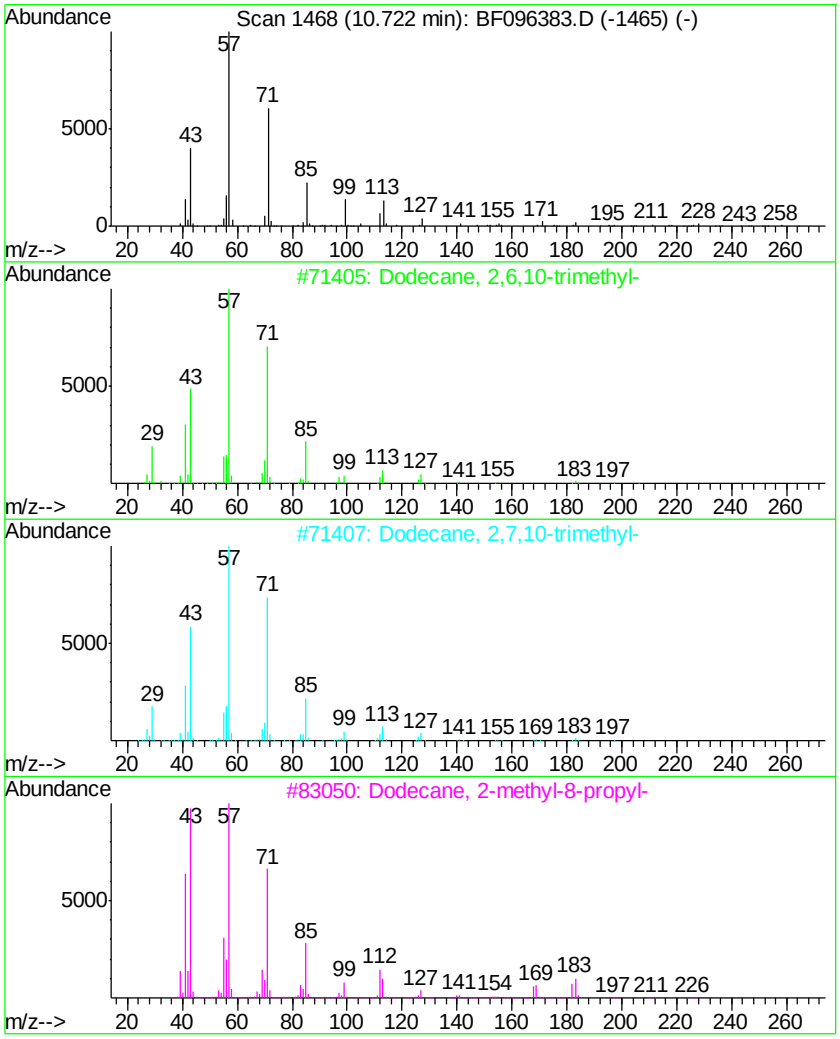
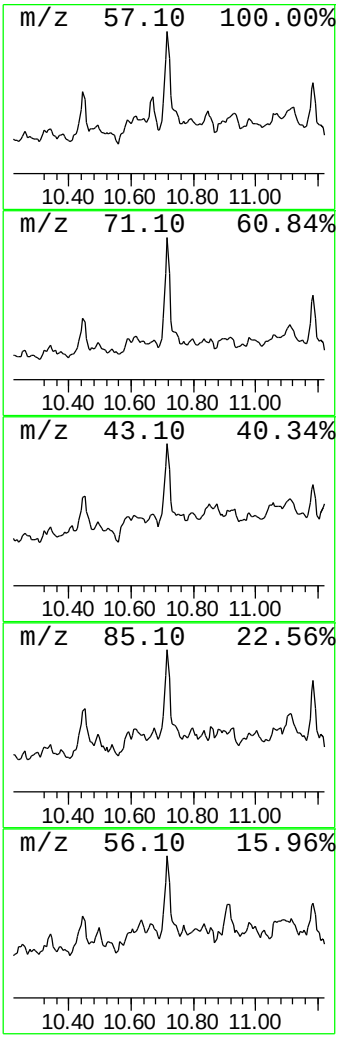
Peak Number 11 Dodecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	7.43 ng	890695	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
3	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId : OILY-DRUM-COMP

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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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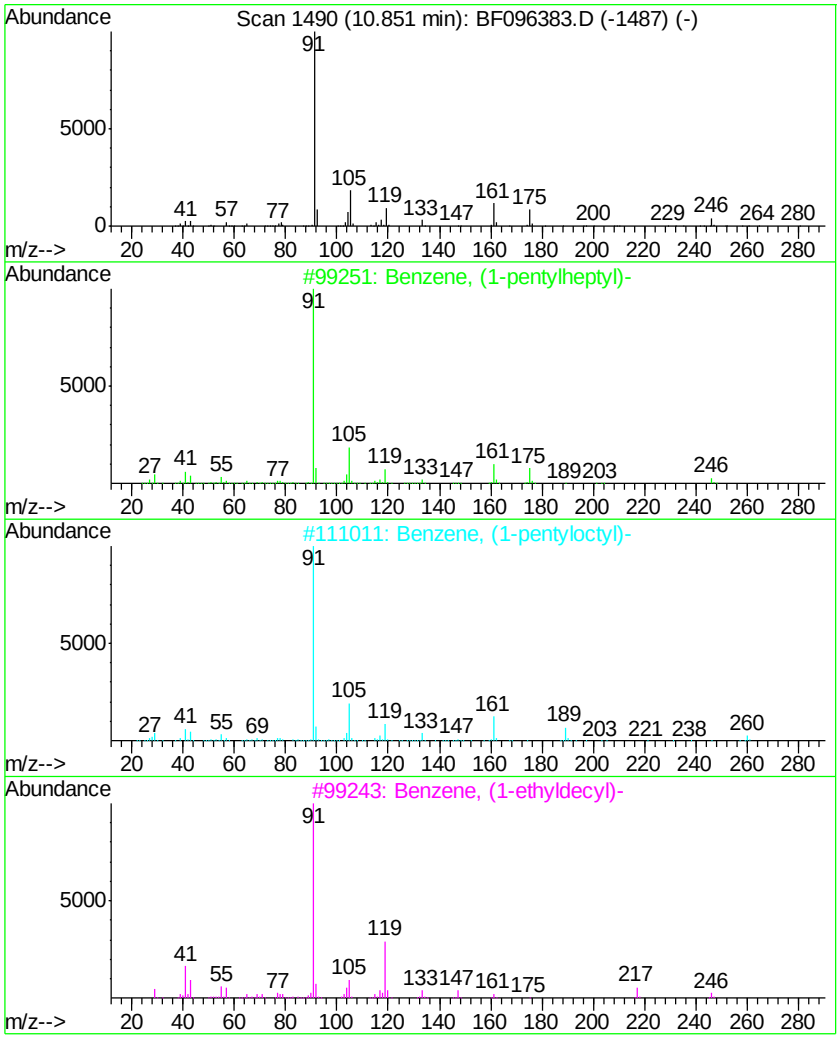
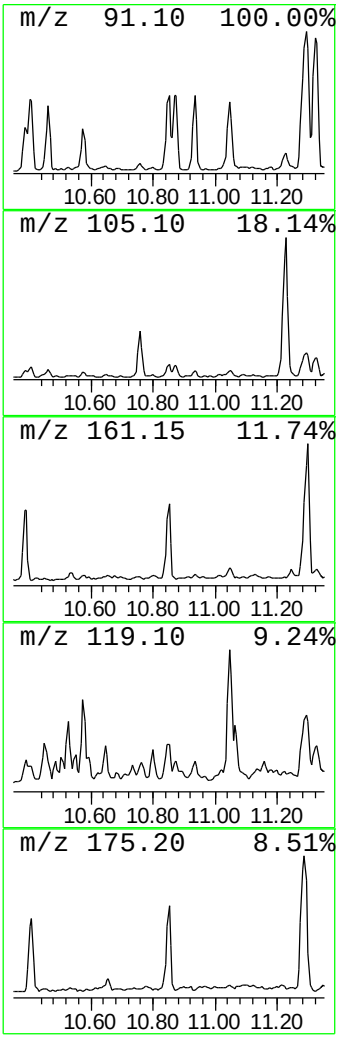
Peak Number 12 Benzene, (1-pentylheptyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	10.51 ng	1260510	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-pentylheptyl)-	246	C18H30	002719-62-2	97
2	Benzene, (1-pentyloctyl)-	260	C19H32	004534-49-0	64
3	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	49
4	Benzene, (1-hexylheptyl)-	260	C19H32	002400-01-3	45
5	Benzene, (1-pentylhexyl)-	232	C17H28	004537-14-8	39





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Operator : SJ/MA
Sample : I3983-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId : OILY-DRUM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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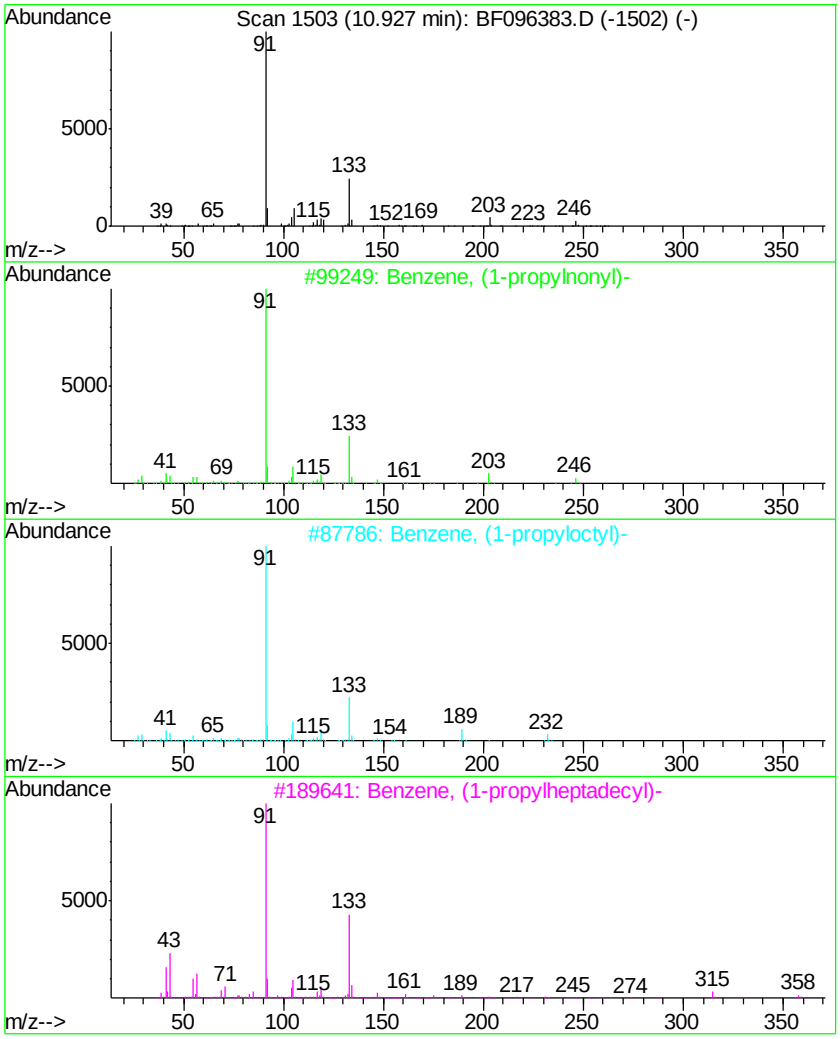
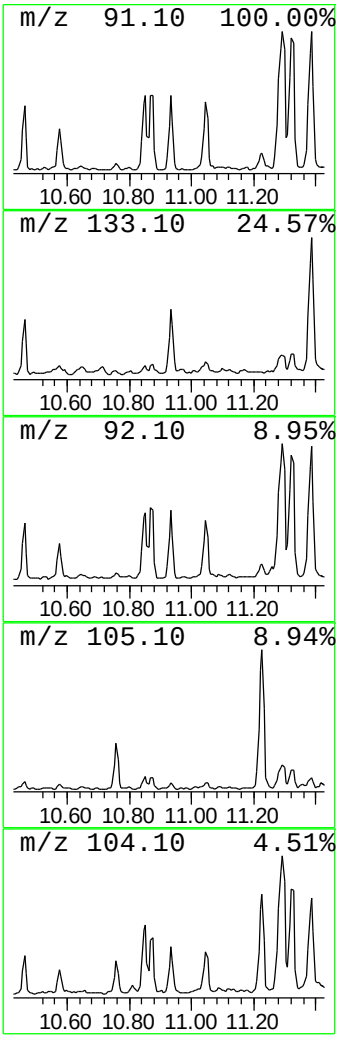
Peak Number 13 Benzene, (1-propylnonyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	11.21 ng	1343880	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	97
2	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	72
3	Benzene, (1-propylheptadecyl)-	358	C26H46	002400-03-5	72
4	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	64
5	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	47





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Sample : I3983-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DRUM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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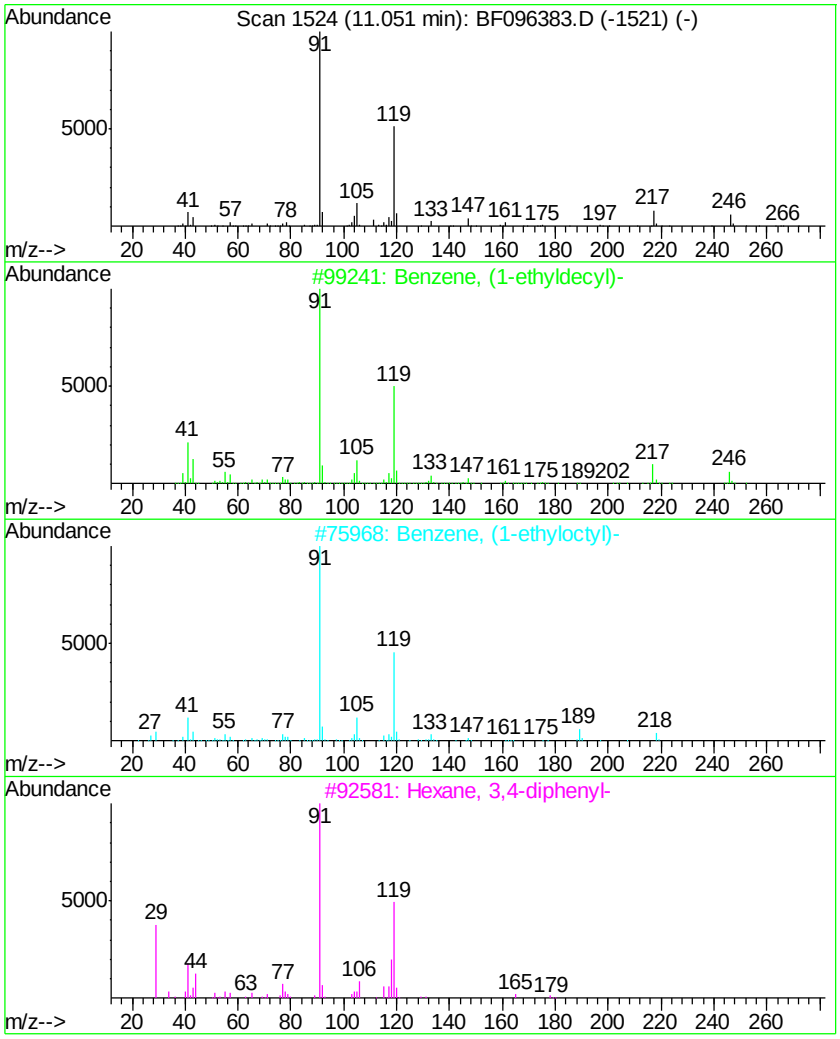
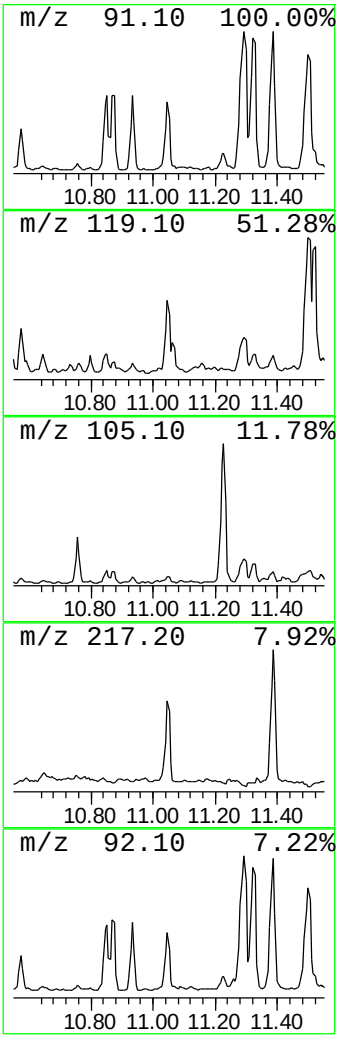
Peak Number 14 Benzene, (1-ethyldecyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	10.95 ng	1313200	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	96
2	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	72
3	Hexane, 3,4-diphenyl-	238	C18H22	005789-31-1	64
4	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	64
5	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	64





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Sample : I3983-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DRUM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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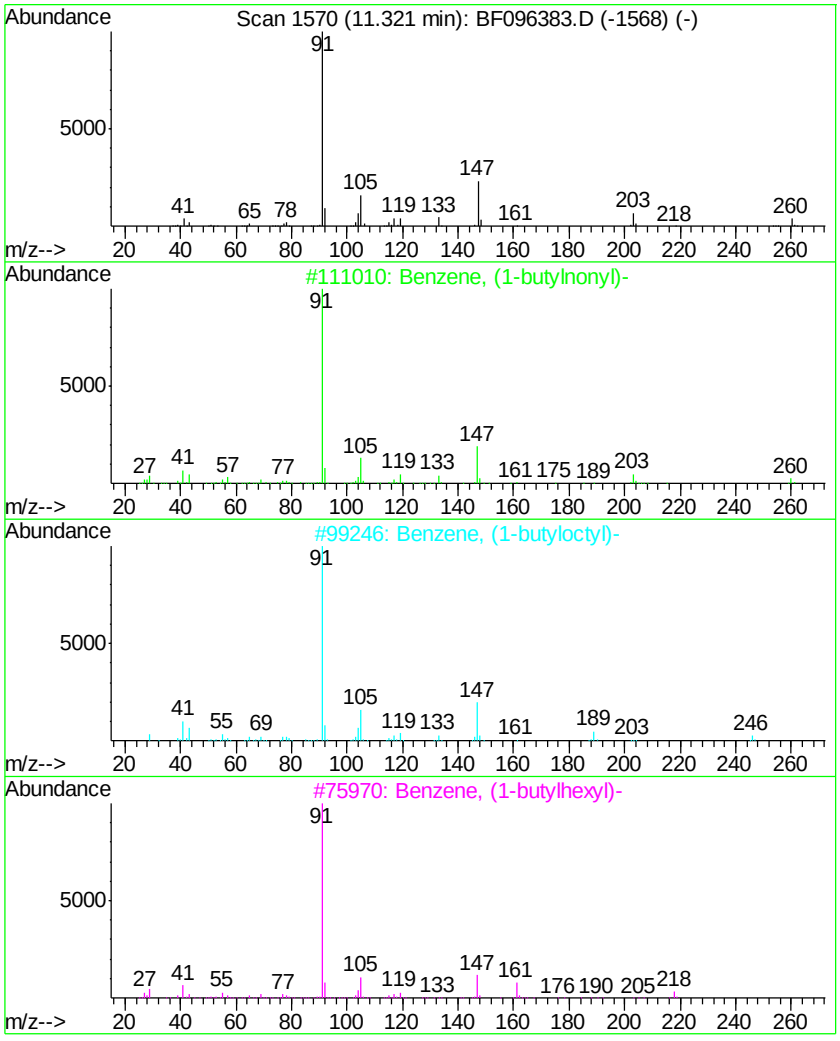
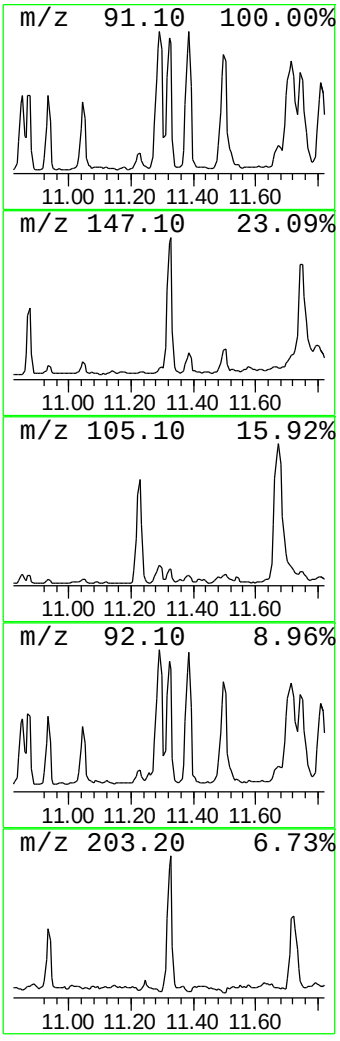
Peak Number 15 Benzene, (1-butylnonyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	19.80 ng	2375030	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-butylnonyl)-	260	C19H32	004534-50-3	95
2	Benzene, (1-butyloctyl)-	246	C18H30	002719-63-3	72
3	Benzene, (1-butylhexyl)-	218	C16H26	004537-11-5	72
4	Benzene, (1-butylheptyl)-	232	C17H28	004537-15-9	53
5	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	52





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Sample : I3983-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DRUM-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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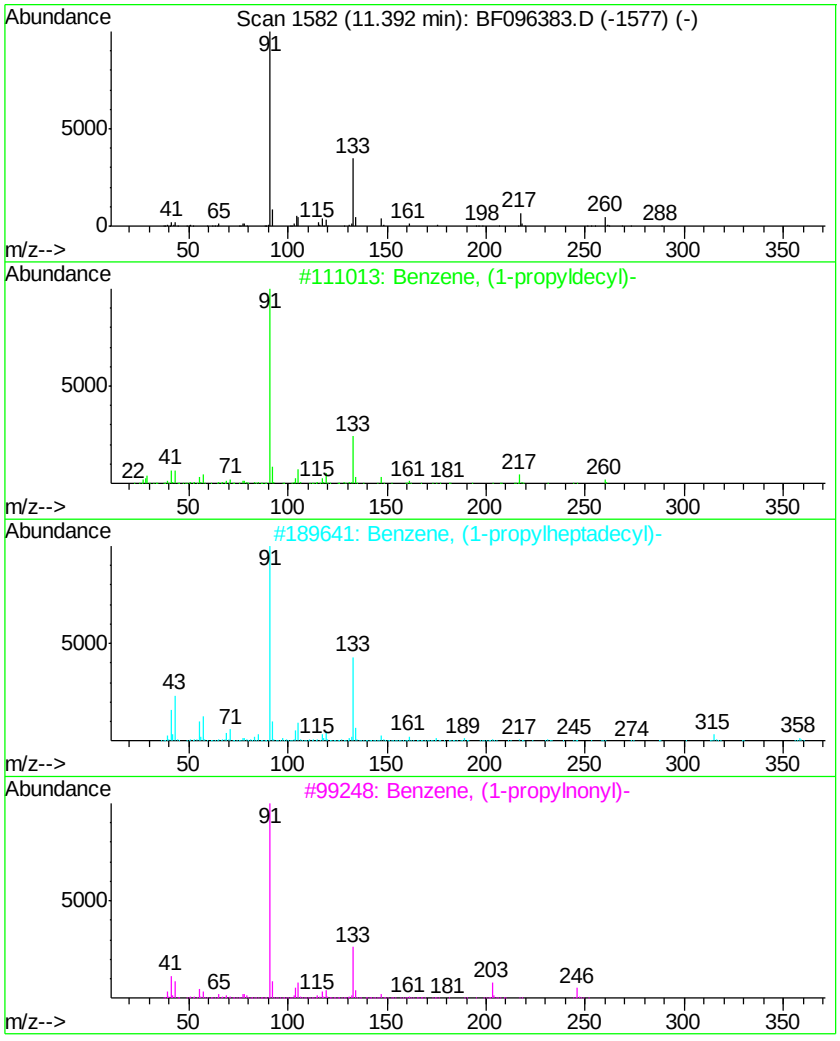
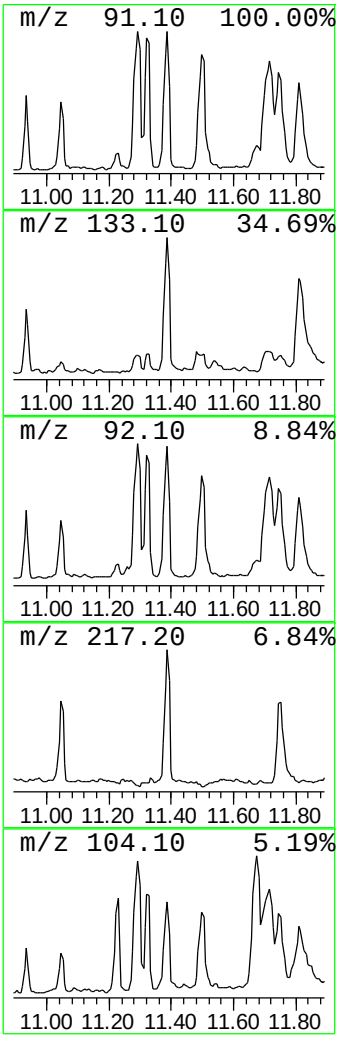
Peak Number 16 Benzene, (1-propyldecyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	20.41 ng	2448060	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-propyldecyl)-	260	C19H32	004534-51-4	90
2	Benzene, (1-propylheptadecyl)-	358	C26H46	002400-03-5	72
3	Benzene, (1-propylnonyl)-	246	C18H30	002719-64-4	72
4	Benzene, (1-propyloctyl)-	232	C17H28	004536-86-1	50
5	Benzene, (1-pentyloctyl)-	260	C19H32	004534-49-0	49





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DRUM-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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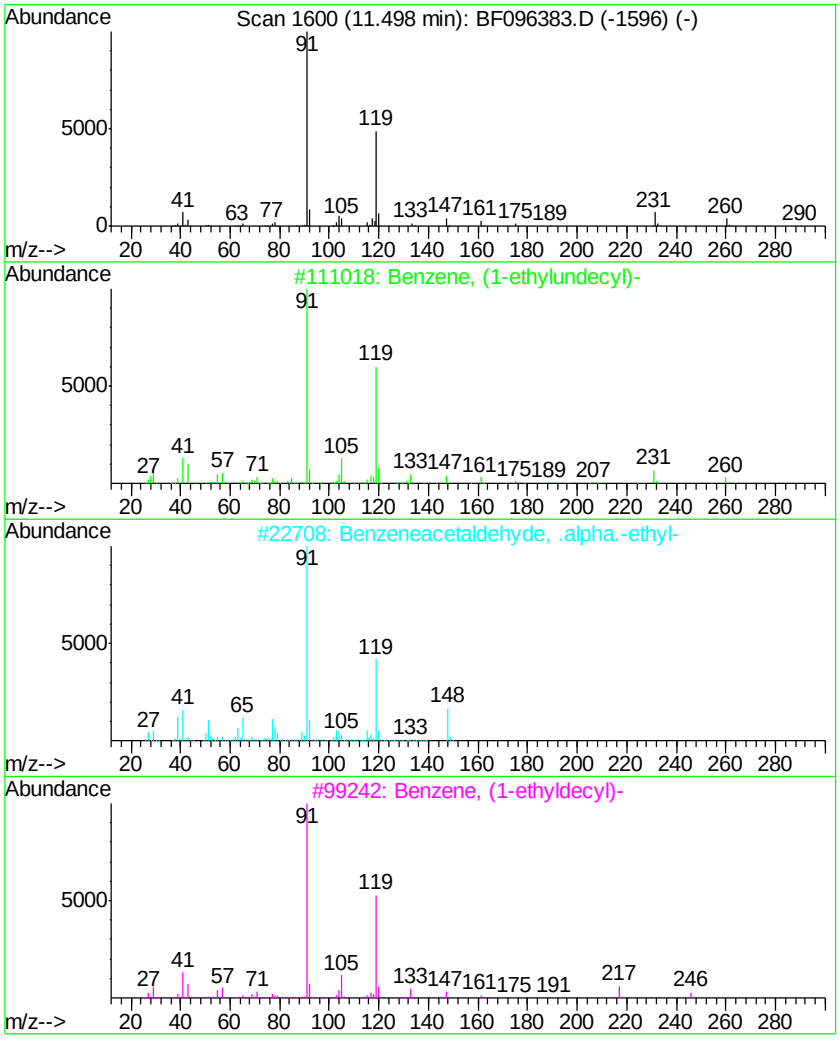
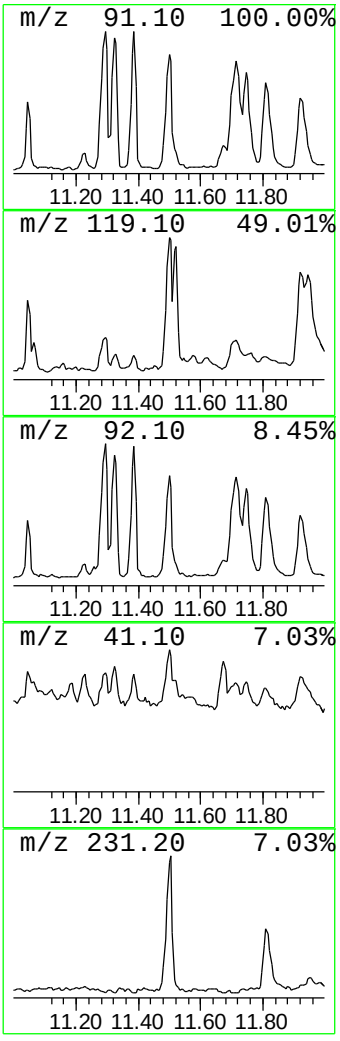
Peak Number 17 Benzene, (1-ethylundecyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	24.30 ng	2913660	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	94
2	Benzeneacetaldehyde, .alpha.-ethyl-	148	C10H12O	002439-43-2	64
3	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	56
4	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	56
5	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	56





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Sample : I3983-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DRUM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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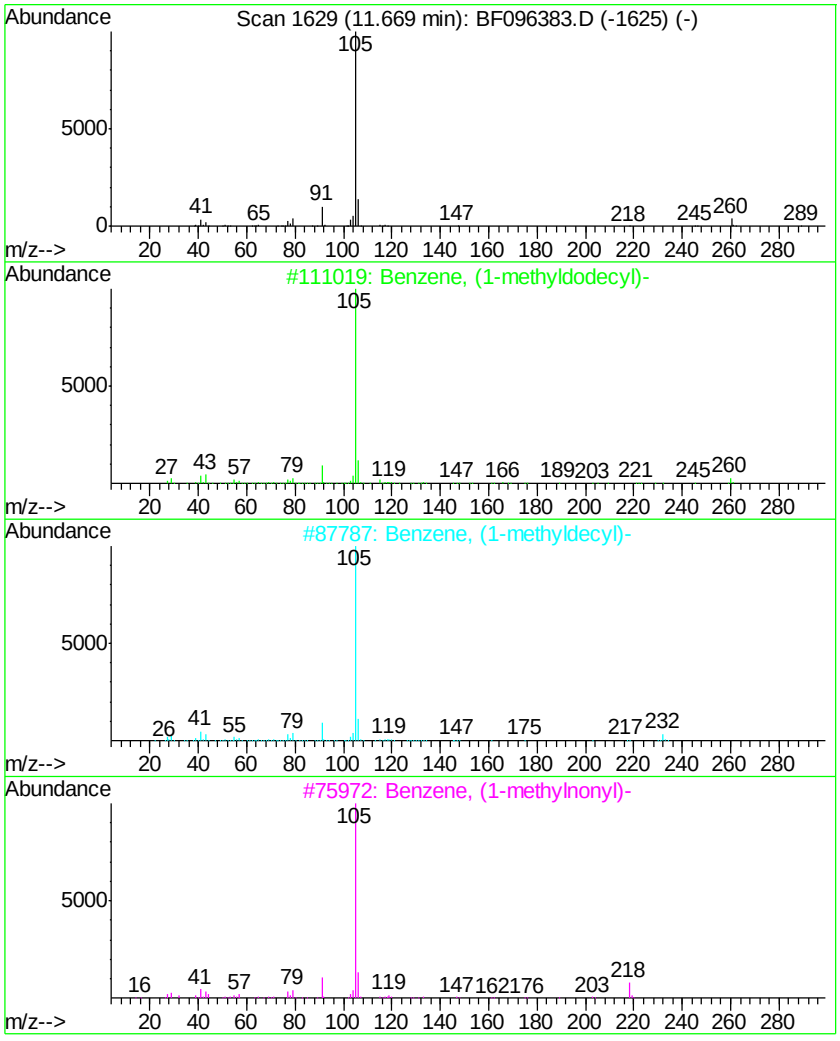
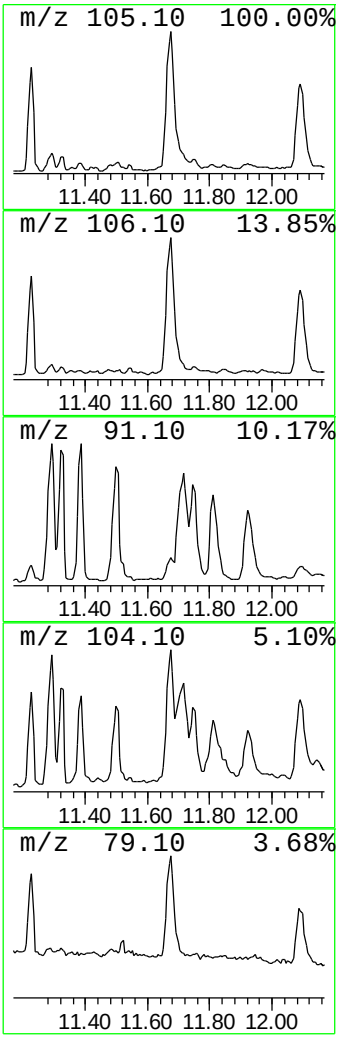
Peak Number 18 Benzene, (1-methyldodecyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	37.78 ng	4531100	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	86
2	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	64
3	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	64
4	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	64
5	(4-Methylphenyl) methanol, 3-met...	192	C13H20O	1000374-65-7	36





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-DRUM-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.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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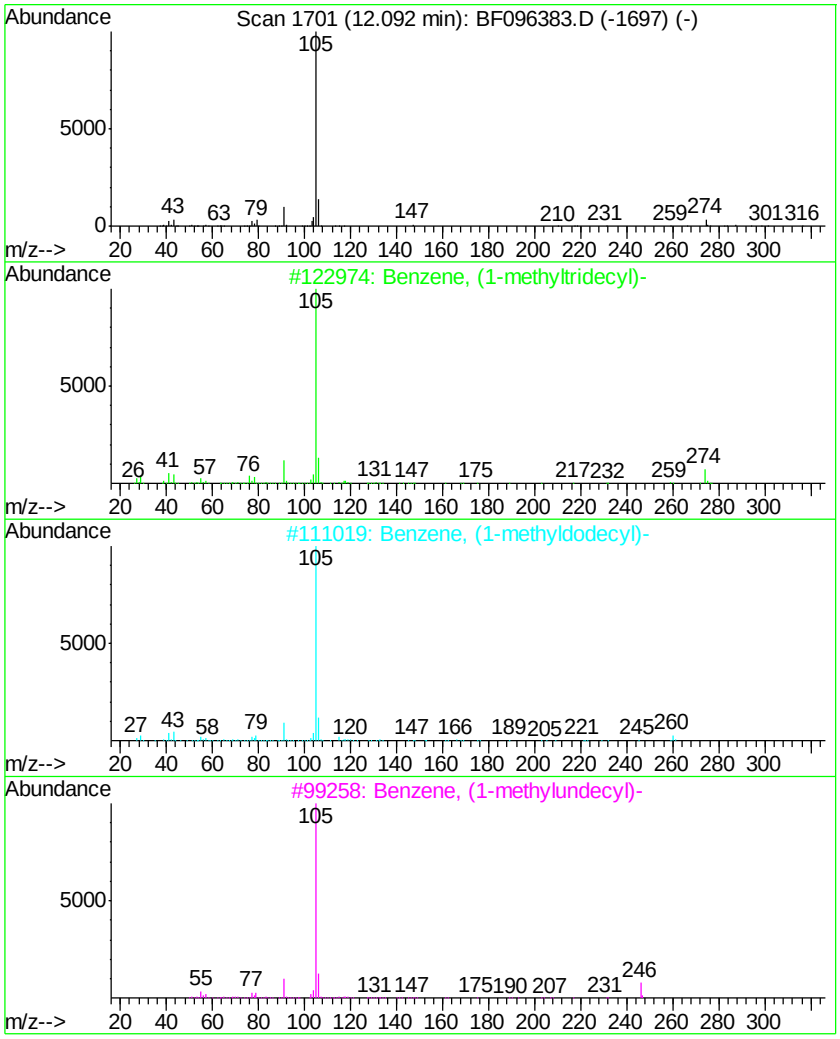
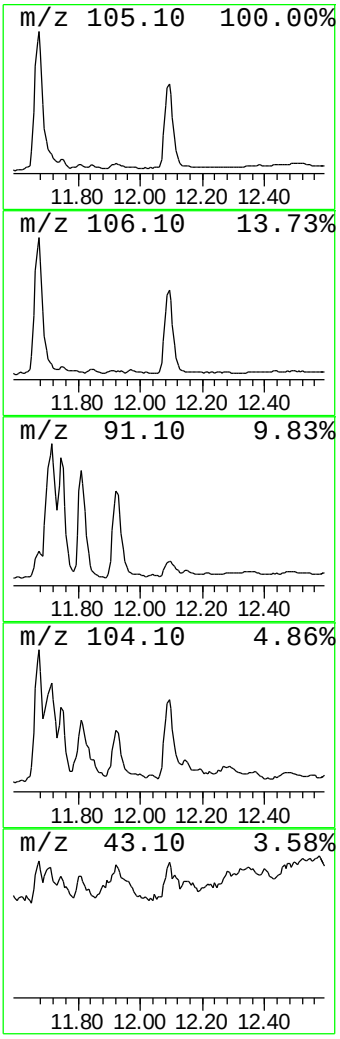
Peak Number 20 Benzene, (1-methyltridecyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	23.43 ng	2809490	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	72
2	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	64
3	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	50
4	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	39
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070117\
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Operator : SJ/MA
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.93	17.8	ng	582640	1	6.73	653880	20.0
unknown6.50	6.50	101.5	ng	3319680	1	6.73	653880	20.0
Decahydro-4,4,8,9...	9.65	11.2	ng	1120350	3	9.77	2004420	20.0
unknown9.69	9.69	17.5	ng	1749860	3	9.77	2004420	20.0
Benzene, (1-butyl...	9.92	11.7	ng	1175740	3	9.77	2004420	20.0
Benzene, (1-propy...	9.97	9.5	ng	951622	3	9.77	2004420	20.0
unknown10.19	10.19	15.3	ng	1533150	3	9.77	2004420	20.0
Benzene, (1-penty...	10.39	9.3	ng	937109	3	9.77	2004420	20.0
Benzene, (1-butyl...	10.41	11.6	ng	1164150	3	9.77	2004420	20.0
Dodecane, 2,6,10-...	10.72	7.4	ng	890695	4	11.26	2398450	20.0
Benzene, (1-penty...	10.85	10.5	ng	1260510	4	11.26	2398450	20.0
Benzene, (1-propy...	10.93	11.2	ng	1343880	4	11.26	2398450	20.0
Benzene, (1-ethyl...	11.05	10.9	ng	1313200	4	11.26	2398450	20.0
Benzene, (1-butyl...	11.32	19.8	ng	2375030	4	11.26	2398450	20.0
Benzene, (1-propy...	11.39	20.4	ng	2448060	4	11.26	2398450	20.0
Benzene, (1-ethyl...	11.50	24.3	ng	2913660	4	11.26	2398450	20.0
Benzene, (1-methy...	11.67	37.8	ng	4531100	4	11.26	2398450	20.0
Benzene, (1-methy...	12.09	23.4	ng	2809490	4	11.26	2398450	20.0