LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111987.D
Acq On : 10 Jan 2019 15:11
Operator : JU/SJ
Sample : K1083-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	10	14	24	rVB	47573	74839	2.61%	0.195%
2	5.093	507	511	517	rVB	119051	136524	4.76%	0.356%
3	5.510	577	582	585	rBV	2337761	2162665	75.39%	5.642%
4	6.163	689	693	696	rBV	81731	73555	2.56%	0.192%
5	6.328	717	721	725	rVB	103505	82722	2.88%	0.216%
6	6.516	748	753	756	rBV	2507517	2385375	83.16%	6.223%
7	6.651	771	776	779	rBV	2378584	2195622	76.54%	5.728%
8	6.875	810	814	819	rBV	763113	619399	21.59%	1.616%
9	7.034	837	841	844	rBV	2283599	1966344	68.55%	5.130%
10	7.434	904	909	912	rBV	1677994	1554112	54.18%	4.054%
11	8.157	1026	1032	1039	rBV	844222	750545	26.16%	1.958%
12	8.539	1094	1097	1101	rBV2	72595	80248	2.80%	0.209%
13	8.575	1101	1103	1106	rVV	47211	47001	1.64%	0.123%
14	8.622	1109	1111	1114	rVB	54900	52766	1.84%	0.138%
15	8.716	1124	1127	1130	rBV	79838	75980	2.65%	0.198%
16	8.745	1130	1132	1135	rBV2	79201	59989	2.09%	0.156%
17	8.810	1135	1143	1146	rBV7	40277	87460	3.05%	0.228%
18	8.869	1151	1153	1156	rVB	200027	158530	5.53%	0.414%
19	8.945	1162	1166	1167	rBV3	41984	47445	1.65%	0.124%
20	8.969	1167	1170	1174	rVV2	96242	109034	3.80%	0.284%
21	9.034	1178	1181	1183	rBV2	69472	71425	2.49%	0.186%
22	9.116	1192	1195	1198	rVB3	61650	60415	2.11%	0.158%
23	9.157	1199	1202	1204	rBV	91375	86032	3.00%	0.224%
24	9.181	1204	1206	1210	rVB2	80552	59356	2.07%	0.155%
25	9.234	1210	1215	1218	rBV	3248347	2868549	100.00%	7.483%
26	9.316	1225	1229	1233	rBV2	205026	289640	10.10%	0.756%
27	9.381	1237	1240	1244	rVV3	88633	162151	5.65%	0.423%
28	9.469	1251	1255	1256	rBV4	91515	134769	4.70%	0.352%
29	9.492	1256	1259	1260	rBV2	90716	93023	3.24%	0.243%
30	9.545	1266	1268	1269	rBV2	68737	42709	1.49%	0.111%
31	9.569	1269	1272	1274	rVV	257273	243291	8.48%	0.635%
32	9.592	1274	1276	1279	rVV3	168754	206048	7.18%	0.538%
33	9.622	1279	1281	1285	rVV3	488026	641878	22.38%	1.674%
34	9.657	1285	1287	1290	rVV3	154090	185319	6.46%	0.483%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111987.D
Acq On : 10 Jan 2019 15:11
Operator : JU/SJ
Sample : K1083-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.686	1290	1292	1296	rVB3	203464	255524	8.91%	0.667%
36	9.786	1305	1309	1311	rBV3	317058	428548	14.94%	1.118%
37	9.828	1313	1316	1318	rVV2	431806	422180	14.72%	1.101%
38	9.869	1318	1323	1324	rVV4	148148	230822	8.05%	0.602%
39	9.916	1324	1331	1335	rVV3	1146869	1746777	60.89%	4.557%
40	9.951	1335	1337	1340	rVB3	172920	169205	5.90%	0.441%
41	10.110	1361	1364	1367	rBV4	362951	525804	18.33%	1.372%
42	10.169	1372	1374	1378	rVV3	276273	376593	13.13%	0.982%
43	10.204	1378	1380	1382	rVB	226541	186290	6.49%	0.486%
44	10.292	1392	1395	1398	rBV2	323231	351579	12.26%	0.917%
45	10.328	1398	1401	1403	rBV2	669971	619046	21.58%	1.615%
46	10.381	1407	1410	1412	rBV2	399581	433275	15.10%	1.130%
47	10.575	1438	1443	1445	rBV	685787	979141	34.13%	2.554%
48	10.710	1462	1466	1469	rBV	1364957	1332302	46.45%	3.476%
49	10.845	1484	1489	1496	rBV	1541587	2597725	90.56%	6.777%
50	11.045	1520	1523	1528	rVB4	523514	734759	25.61%	1.917%
51	11.310	1565	1568	1575	rVB	1755517	2345200	81.76%	6.118%
52	11.410	1583	1585	1590	rBV2	587621	556776	19.41%	1.452%
53	11.657	1625	1627	1630	rBV2	642973	622035	21.68%	1.623%
54	11.963	1675	1679	1682	rBV3	767511	1525096	53.17%	3.979%
55	12.992	1849	1854	1857	rBV	2503807	2849050	99.32%	7.432%
56	13.874	2001	2004	2014	rVB2	126198	209674	7.31%	0.547%
57	14.039	2029	2032	2038	rVB	425729	382829	13.35%	0.999%
58	14.504	2108	2111	2116	rVB3	39776	49831	1.74%	0.130%
59	15.515	2278	2283	2294	rVB	298977	402868	14.04%	1.051%
60	16.033	2366	2371	2377	rBV3	39210	71383	2.49%	0.186%
61	18.639	2805	2814	2815	rBV5	28108	64338	2.24%	0.168%

Sum of corrected areas: 38333410

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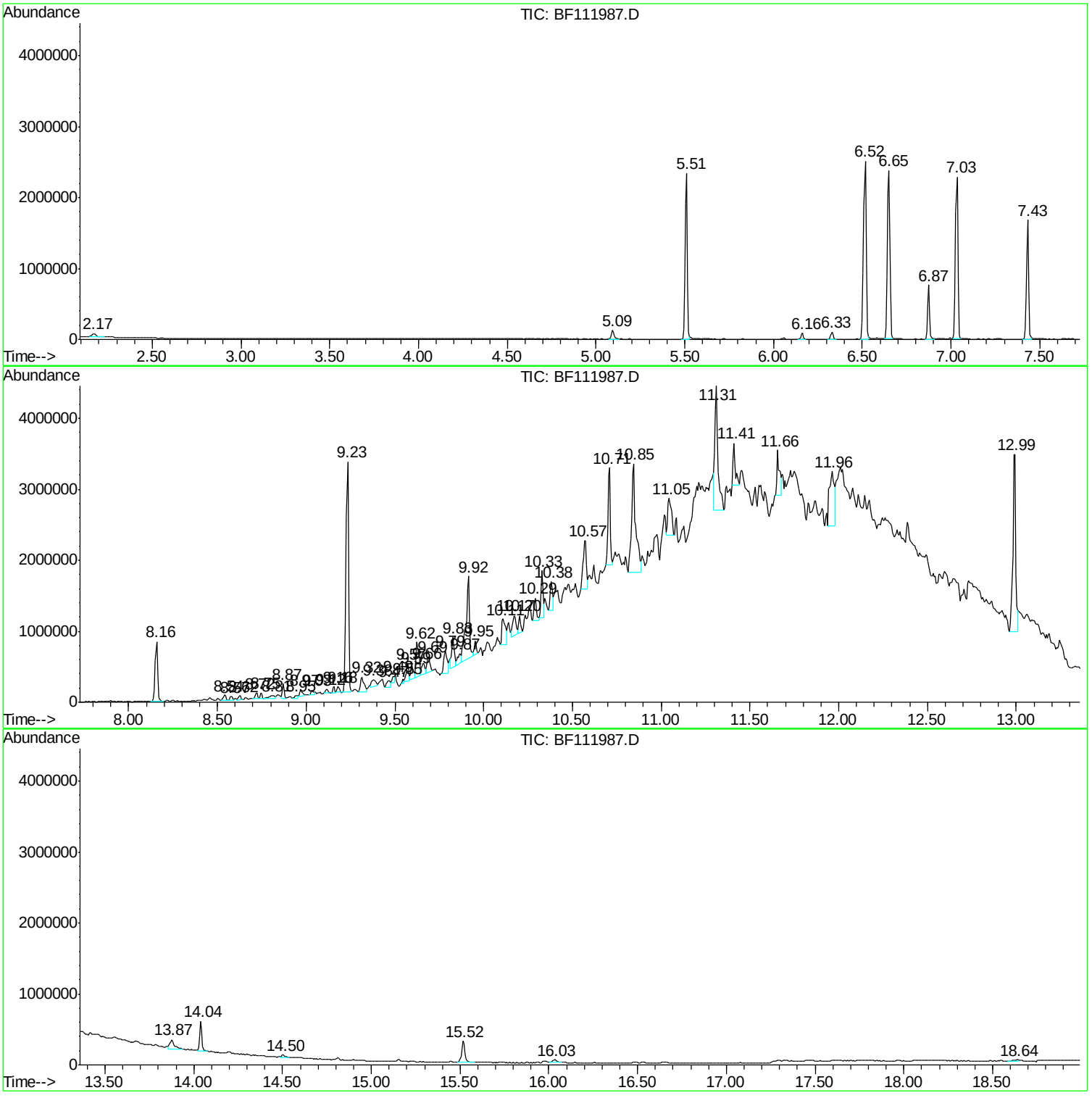
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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\BF011019\
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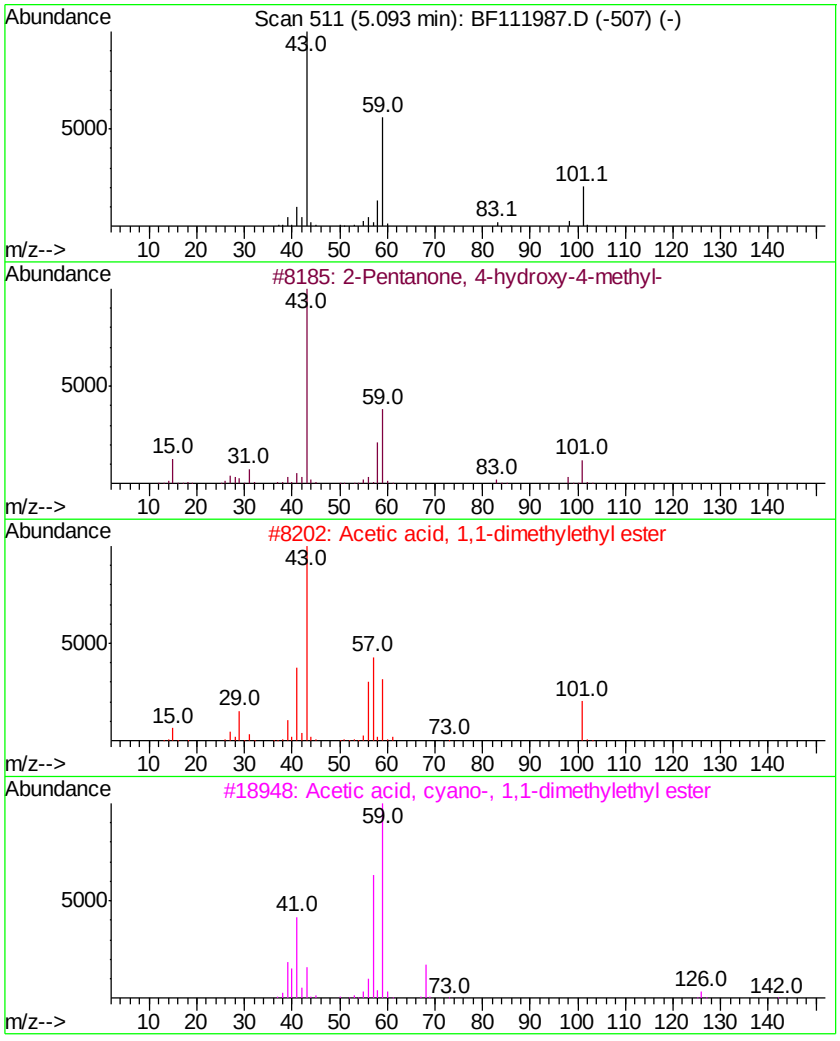
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

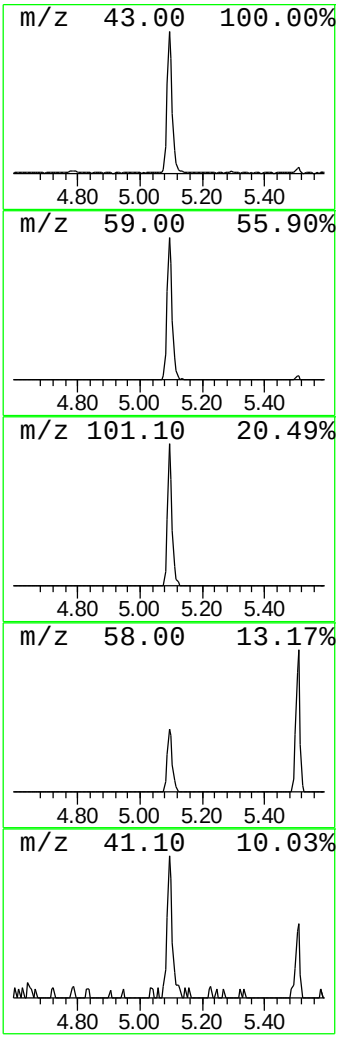
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	4.41 ng	136524	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9
4	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	9
5	2-Pentanone	86	C5H10O	000107-87-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111987.D
Acq On : 10 Jan 2019 15:11
Operator : JU/SJ
Sample : K1083-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

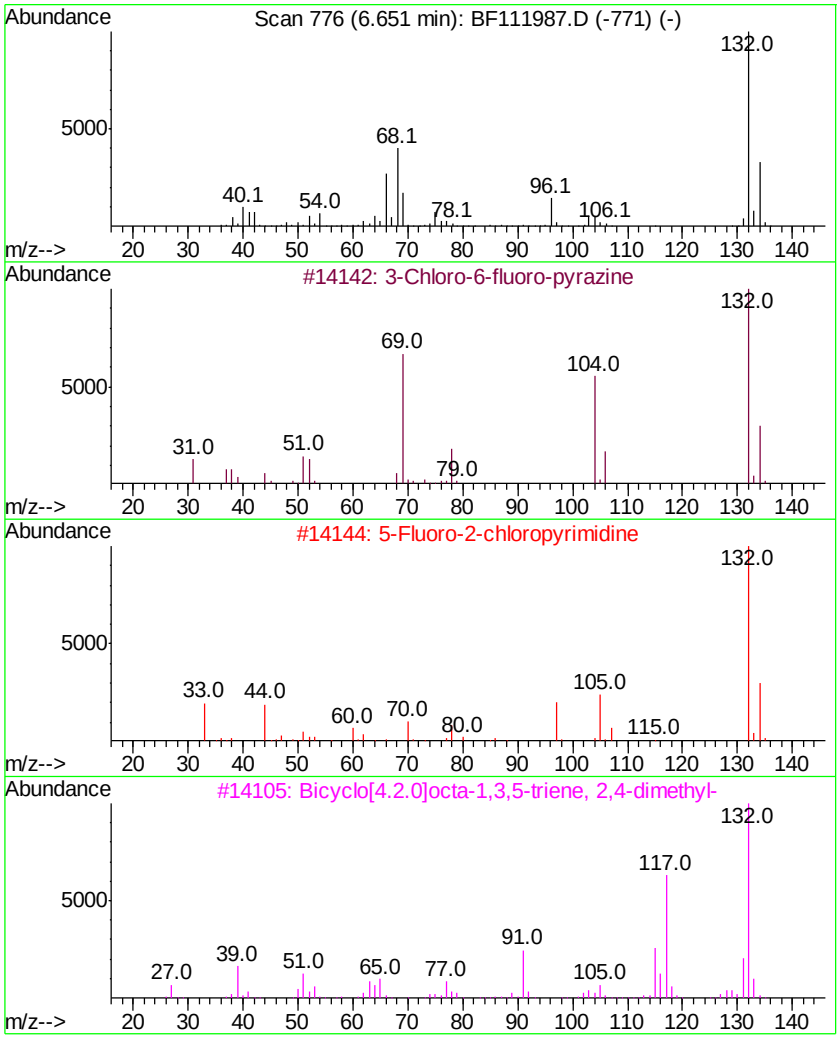
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

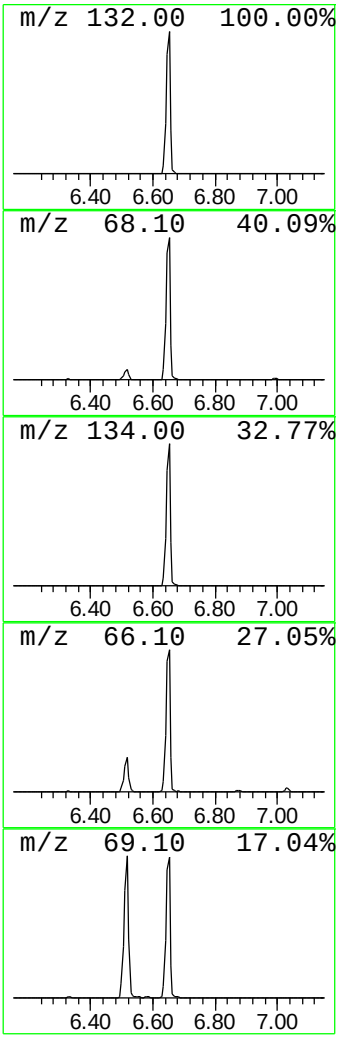
****

Peak Number 2 unknown6.65 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	70.90 ng	2195620	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





Library Search Compound Report

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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

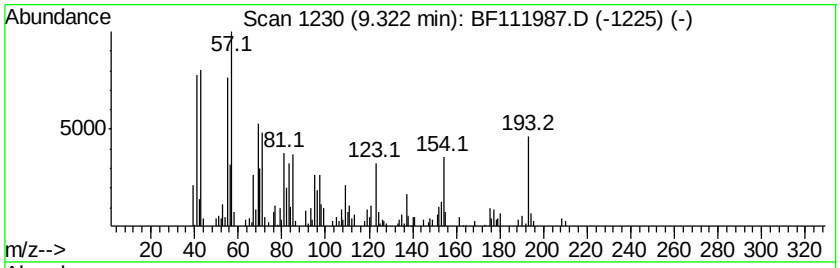
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

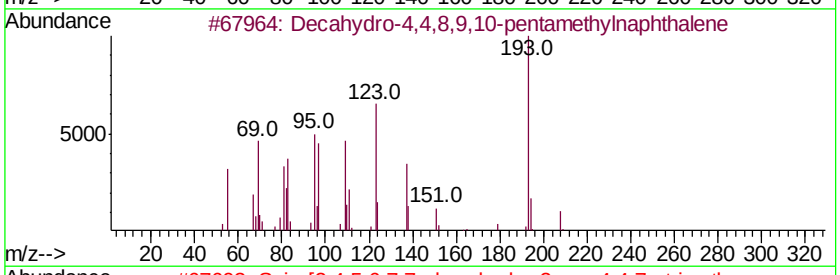
****

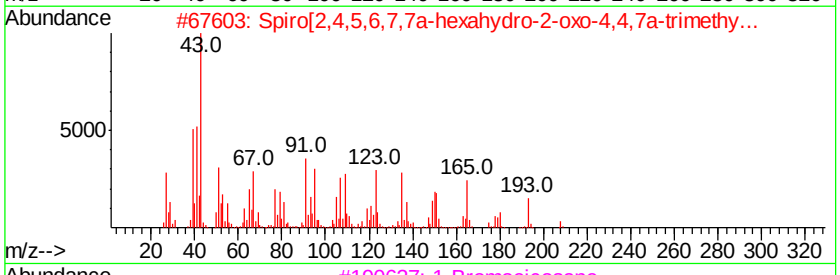
Peak Number 4 Decahydro-4,4,8,9,10-pentam... Concentration Rank 19

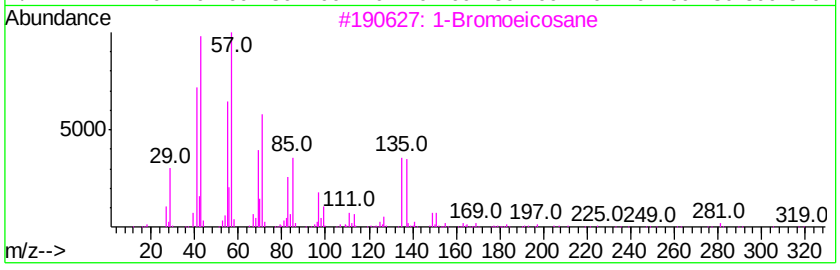
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	3.32 ng	289640	Acenaphthene-d10	9.92

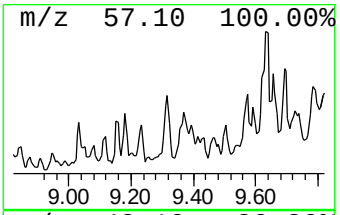
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	83
2	Spiro[2,4,5,6,7,7a-hexahydro-2-o...	208	C12H16O3	1000197-10-9	38
3	1-Bromoeicosane	360	C20H41Br	004276-49-7	30
4	Pentadecane, 1-bromo-	290	C15H31Br	000629-72-1	25
5	Oxalic acid, cyclobutyl tetradec...	340	C20H36O4	1000309-70-9	25

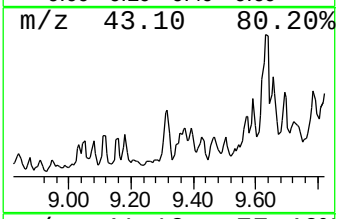


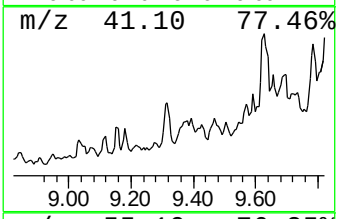


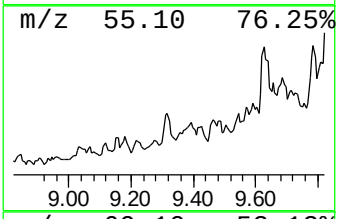


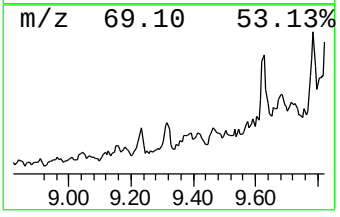












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Misc :
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Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

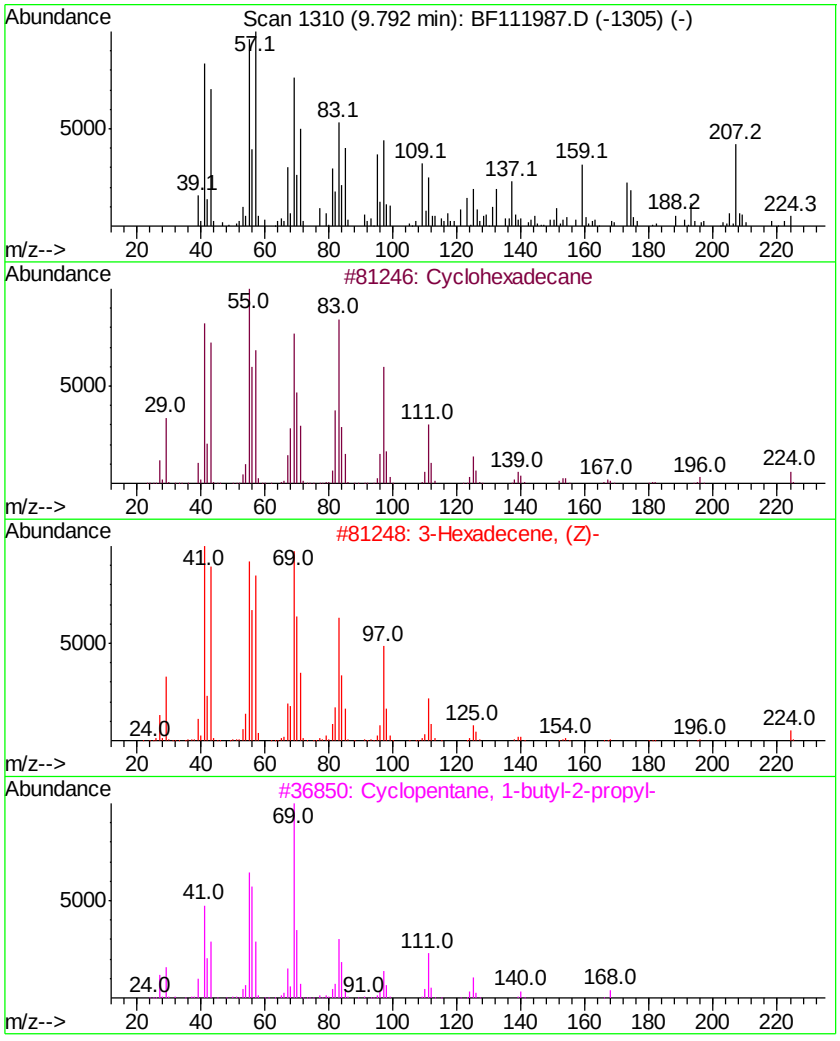
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

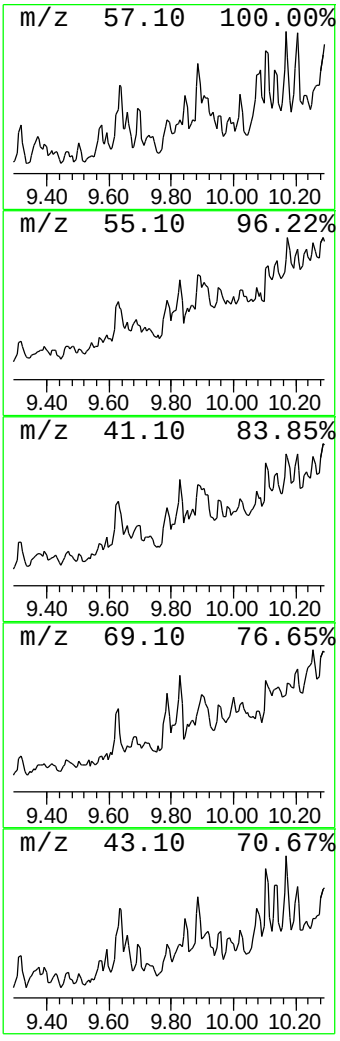
****

Peak Number 5 Cyclohexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	4.91 ng	428548	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	53
2	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	38
3	Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	30
4	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	25
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	25





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

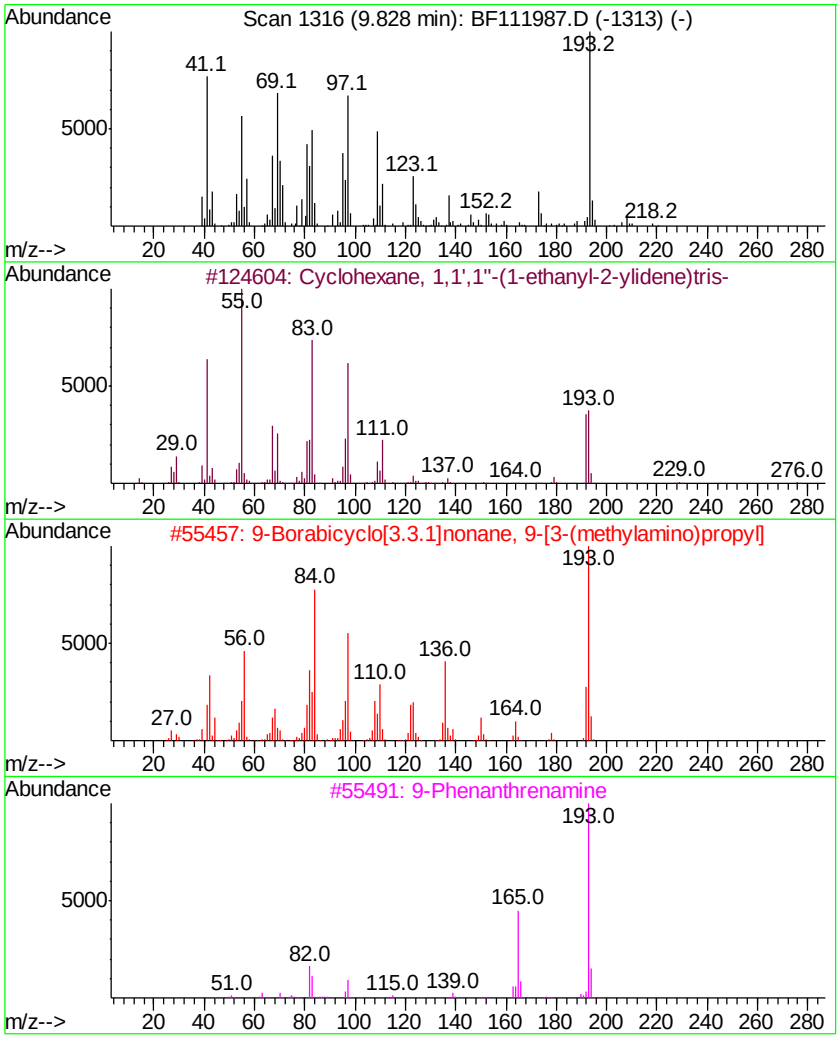
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

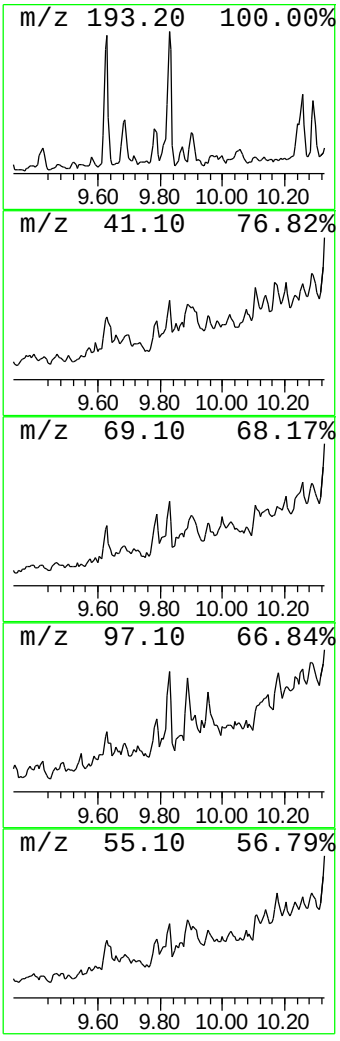
****

Peak Number 6 unknown9.83 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	4.83 ng	422180	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	47
2	9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1000162-56-0	47
3	9-Phenanthrenamine	193	C14H11N	000947-73-9	38
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	25
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-95-9	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111987.D
Acq On : 10 Jan 2019 15:11
Operator : JU/SJ
Sample : K1083-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

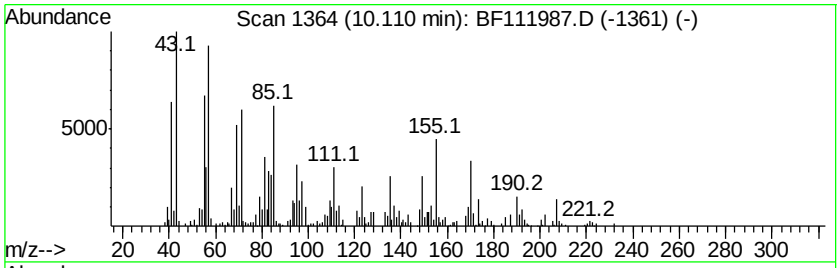
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

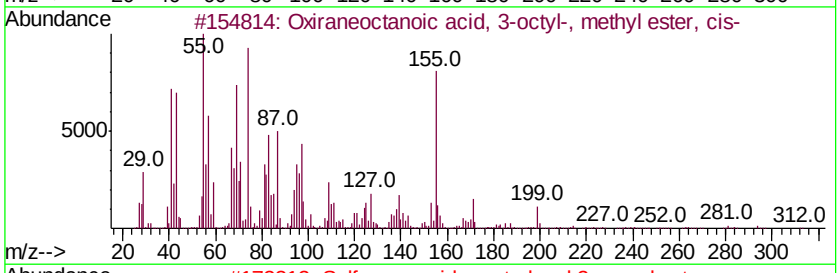
****

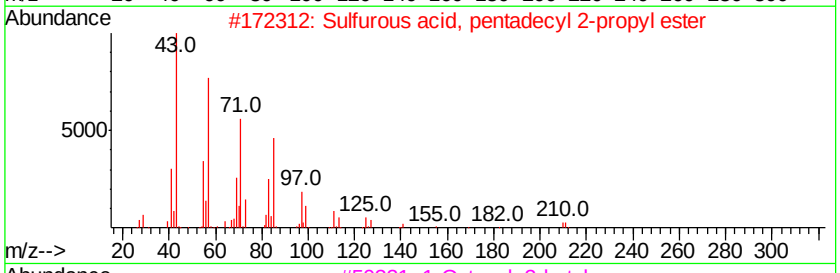
Peak Number 7 unknown10.11 Concentration Rank 11

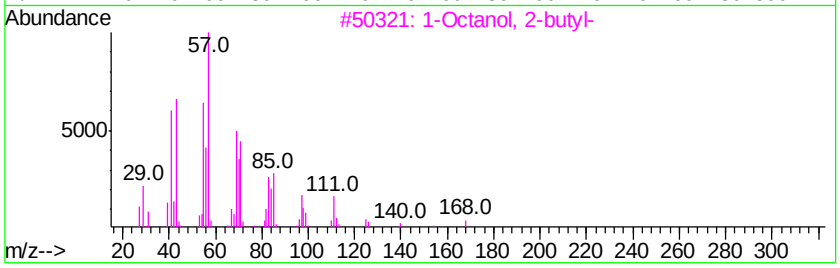
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	6.02 ng	525804	Acenaphthene-d10	9.92

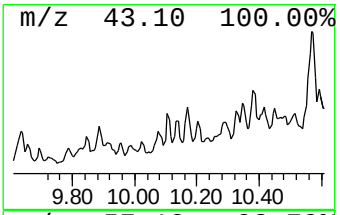
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxiraneoctanoic acid, 3-octyl-, ...	312	C19H36O3	002566-91-8	18
2	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	18
3	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	14
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	14
5	Oxalic acid, dodecyl hexyl ester	342	C20H38O4	1000309-24-6	14

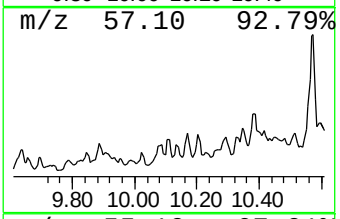


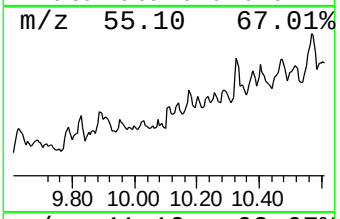


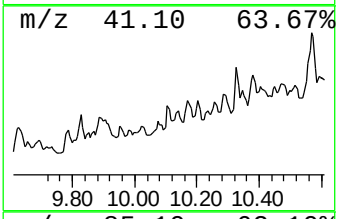


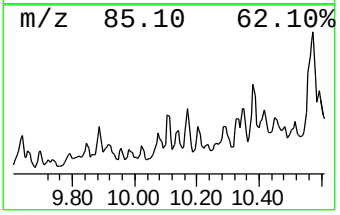












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Acq On : 10 Jan 2019 15:11
Operator : JU/SJ
Sample : K1083-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

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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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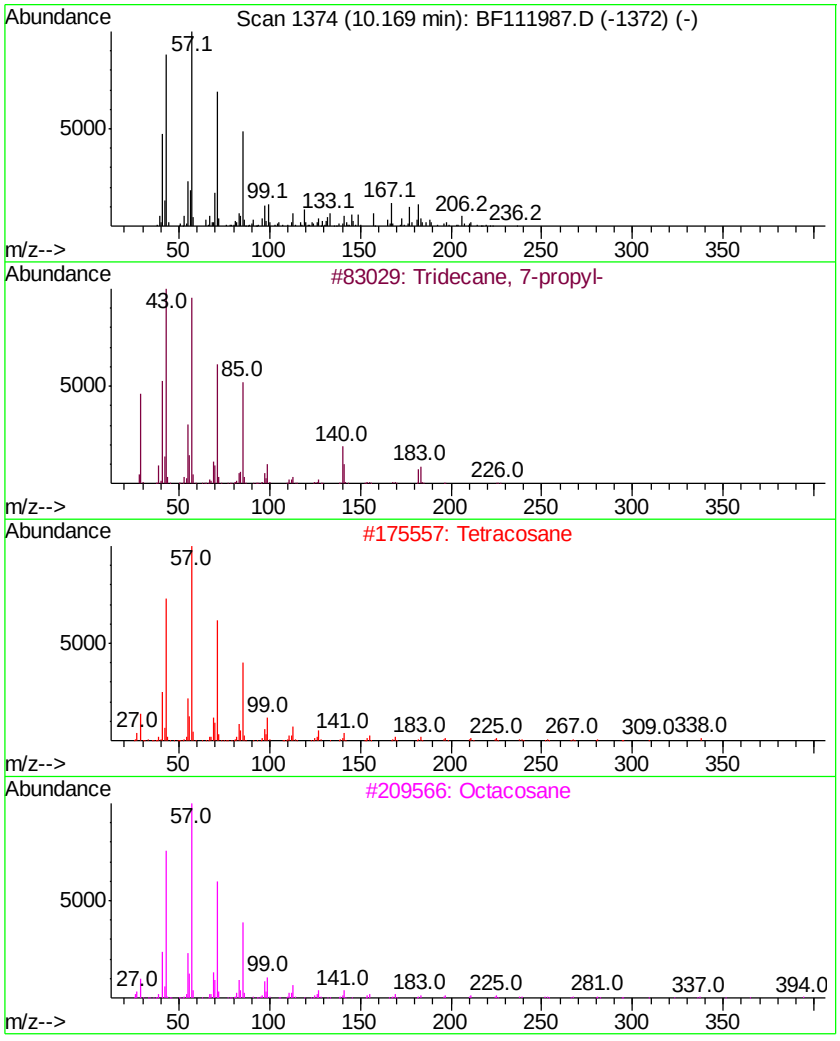
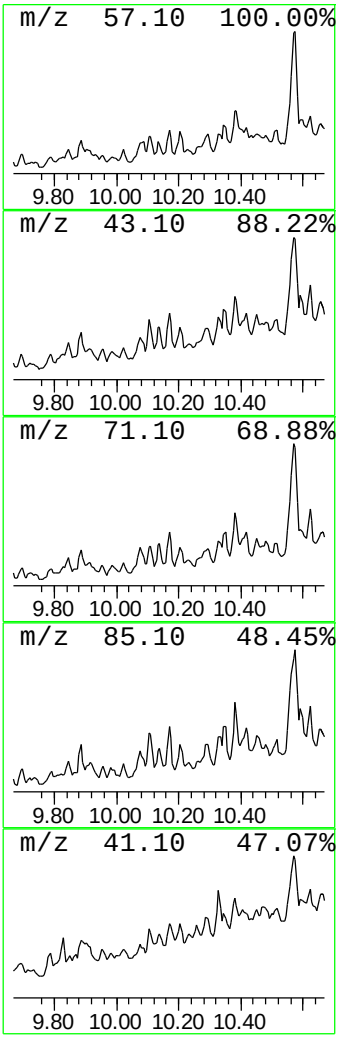
Peak Number 8 Tridecane, 7-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	4.31 ng	376593	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72
2	Tetracosane	338	C24H50	000646-31-1	64
3	Octacosane	394	C28H58	000630-02-4	64
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
5	Eicosane	282	C20H42	000112-95-8	58





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

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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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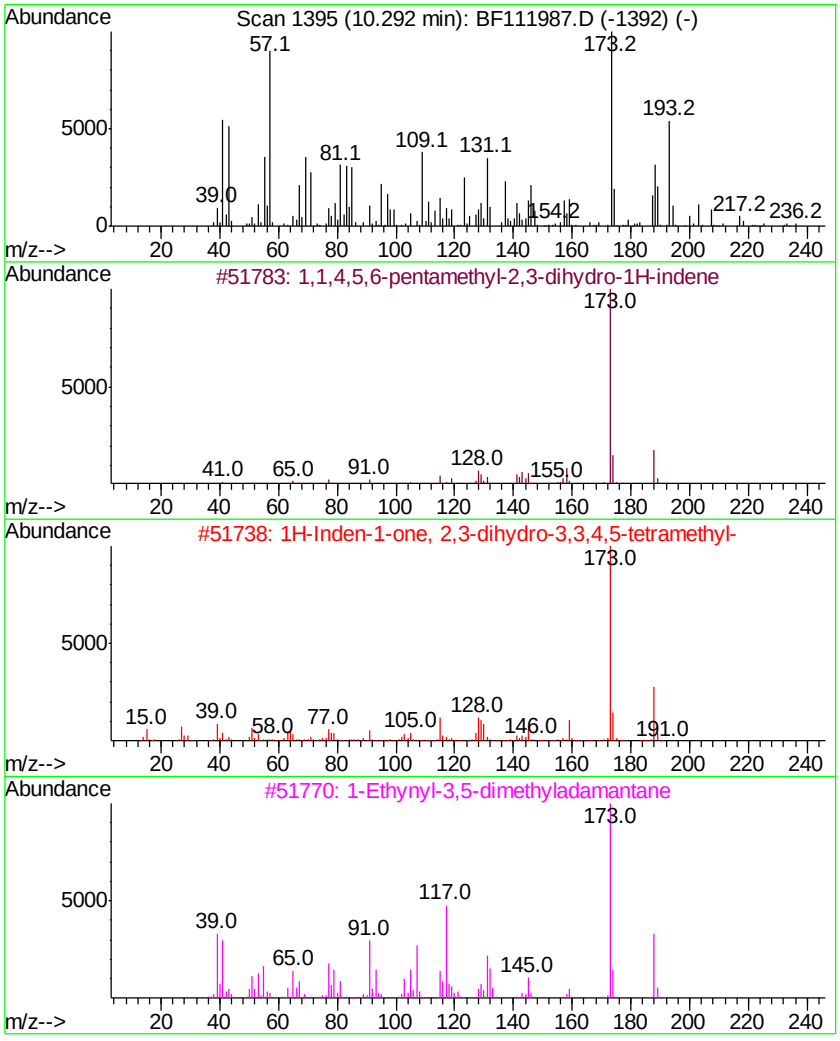
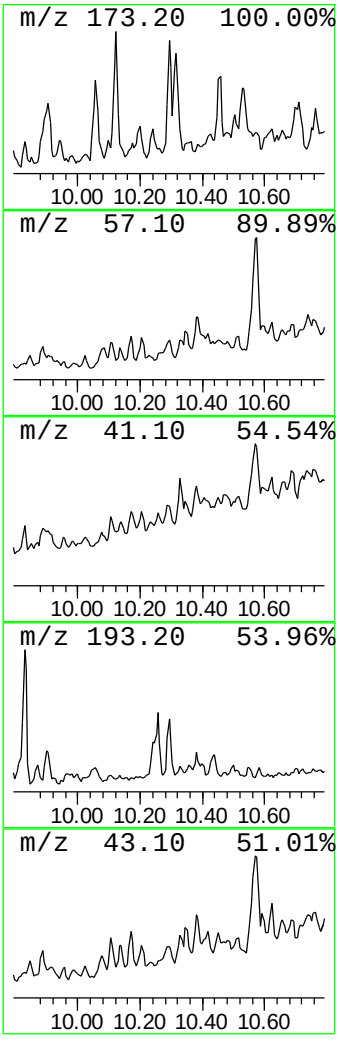
Peak Number 9 unknown10.29 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	4.03 ng	351579	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4,5,6-pentamethyl-2,3-dihydr...	188	C14H20	1000374-13-8	38
2	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	056298-98-7	38
3	1-Ethynyl-3,5-dimethyladamantane	188	C14H20	1000245-73-3	30
4	1H-Indene, 2,3-dihydro-1,1,2,3,3...	188	C14H20	001203-17-4	30
5	Benzene, 1-tert-butyl-4-cyclopro...	188	C14H20	058249-45-9	30





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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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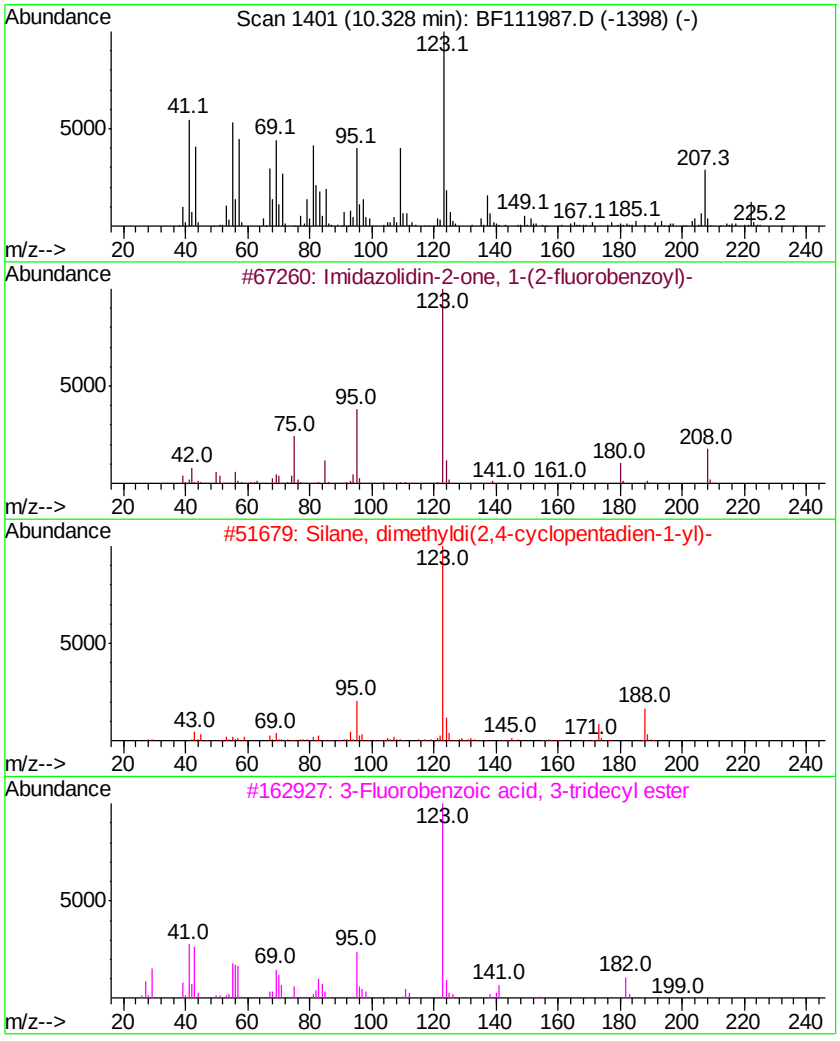
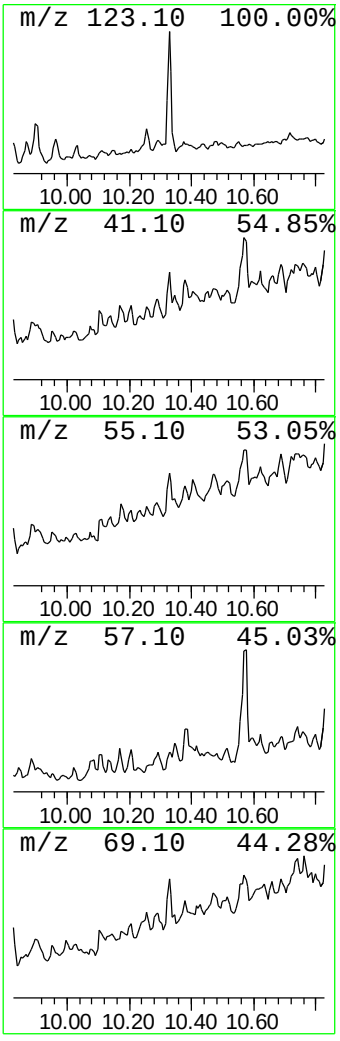
Peak Number 10 unknown10.33 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	7.09 ng	619046	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazolidin-2-one, 1-(2-fluorob...	208	C10H9FN2O2	1000310-62-2	43
2	Silane, dimethyldi(2,4-cyclopent...	188	C12H16Si	018053-74-2	43
3	3-Fluorobenzoic acid, 3-tridecyl...	322	C20H31FO2	1000280-60-3	43
4	Pyridine-3-carboxylic acid, 1-[(...	290	C15H18N2O4	1000310-27-9	43
5	trans-2-(1-Hydroxycyclohexyl)-furan	166	C10H14O2	115754-87-5	38





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ClientSampleId : OILY-STONES

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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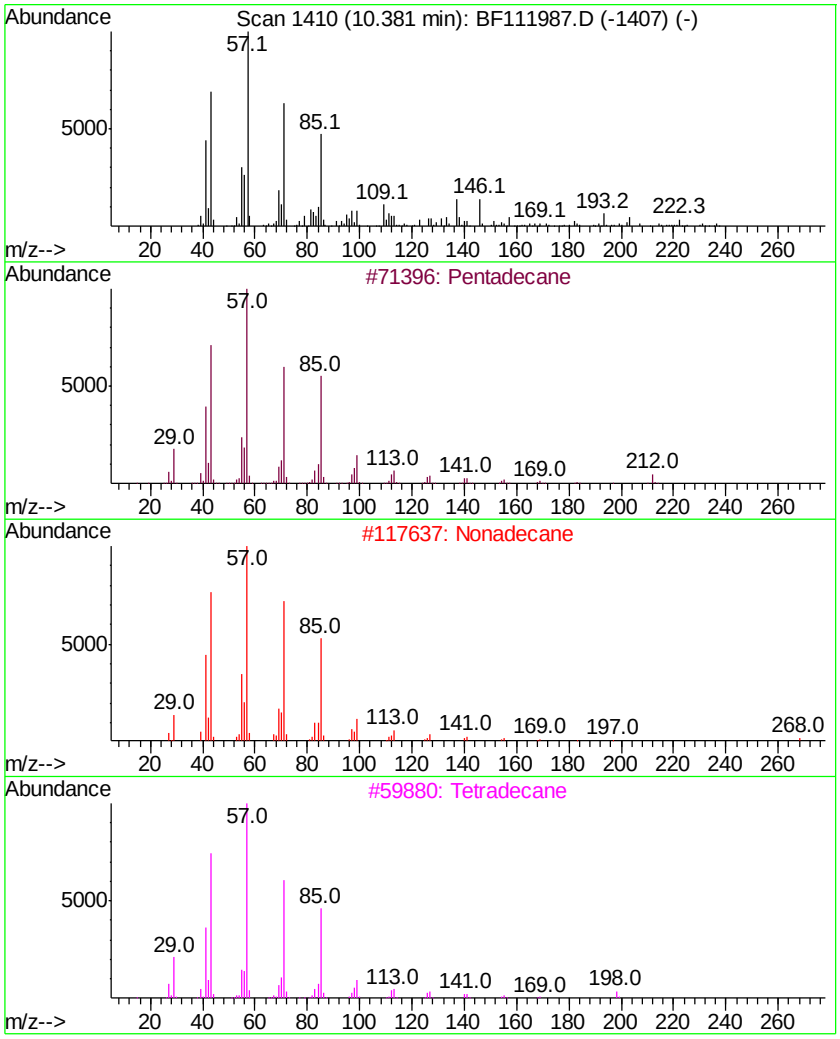
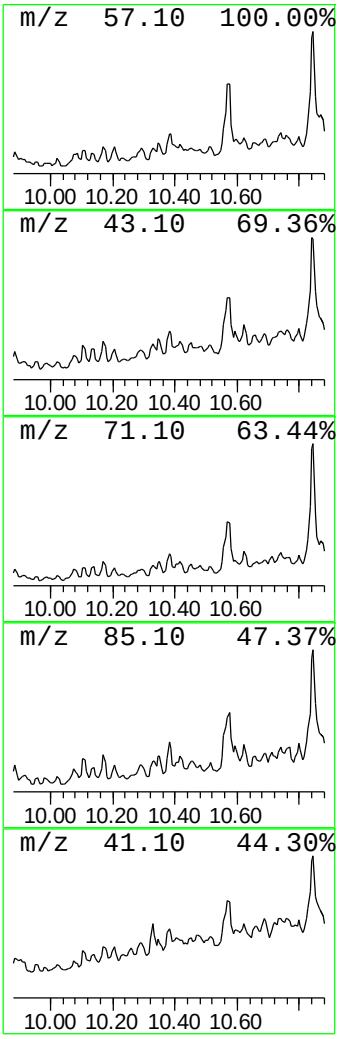
Peak Number 11 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	4.96 ng	433275	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	58
2	Nonadecane	268	C19H40	000629-92-5	58
3	Tetradecane	198	C14H30	000629-59-4	58
4	Tridecane	184	C13H28	000629-50-5	58
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53





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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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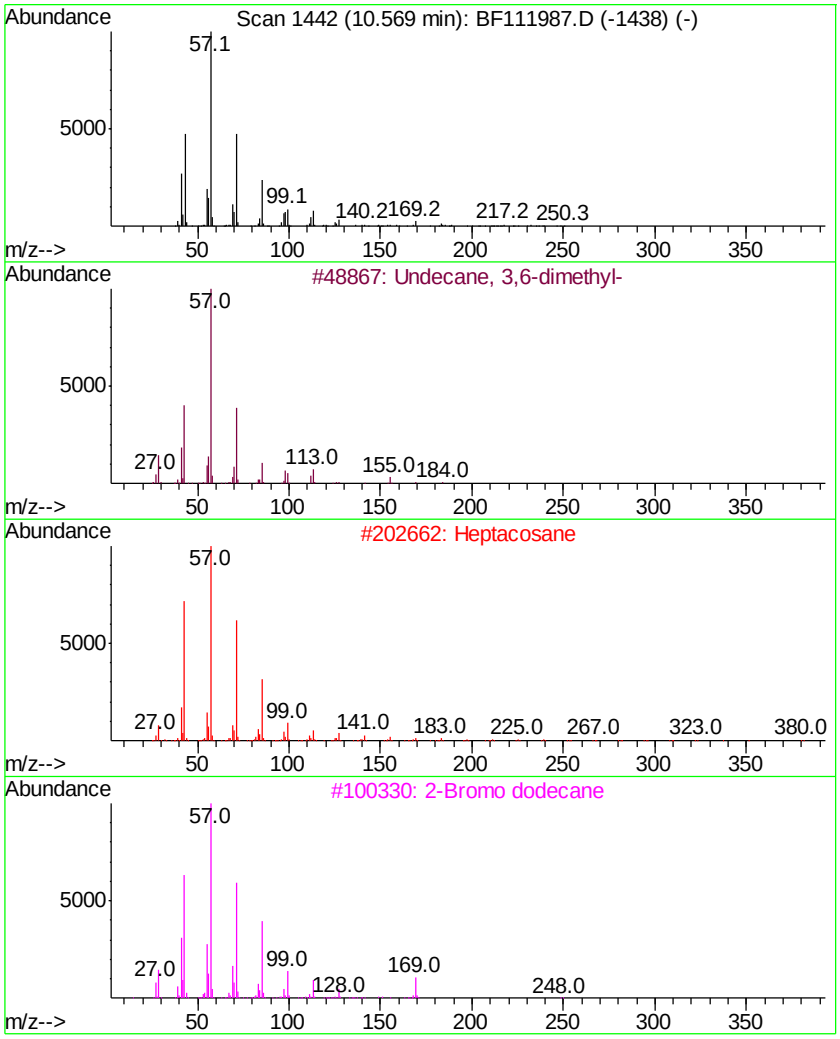
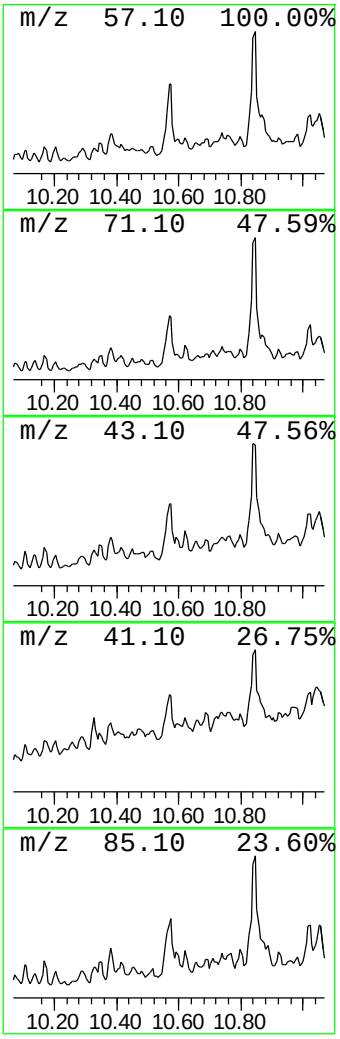
Peak Number 12 Undecane, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	11.21 ng	979141	Acenaphthene-d10	9.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
2	Heptacosane	380	C27H56	000593-49-7	86
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





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Instrument : BNA_F
ClientSampleId : OILY-STONES

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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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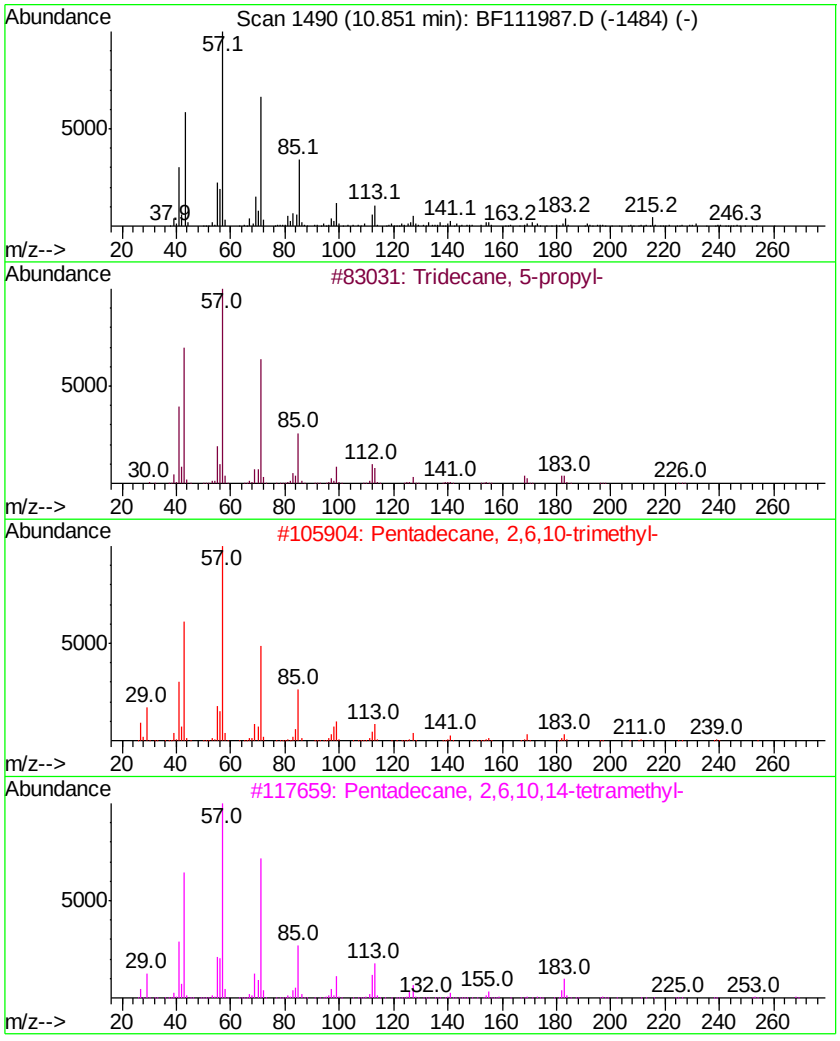
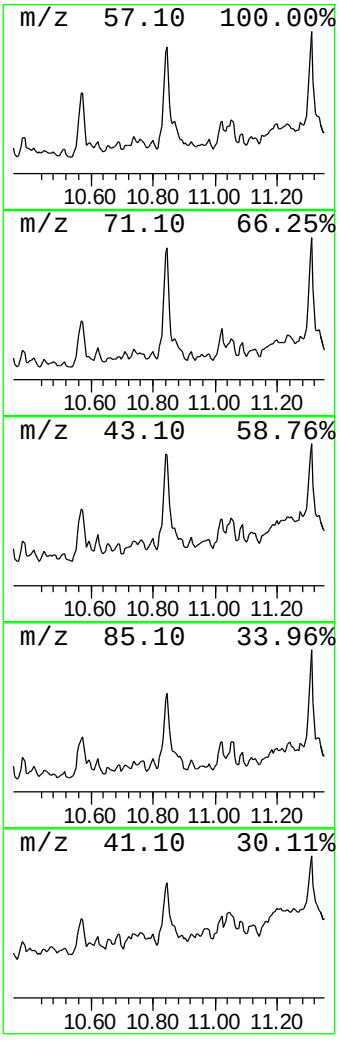
Peak Number 13 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	93.31 ng	2597730	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
4	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	87
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83





Library Search Compound Report

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Operator : JU/SJ
Sample : K1083-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

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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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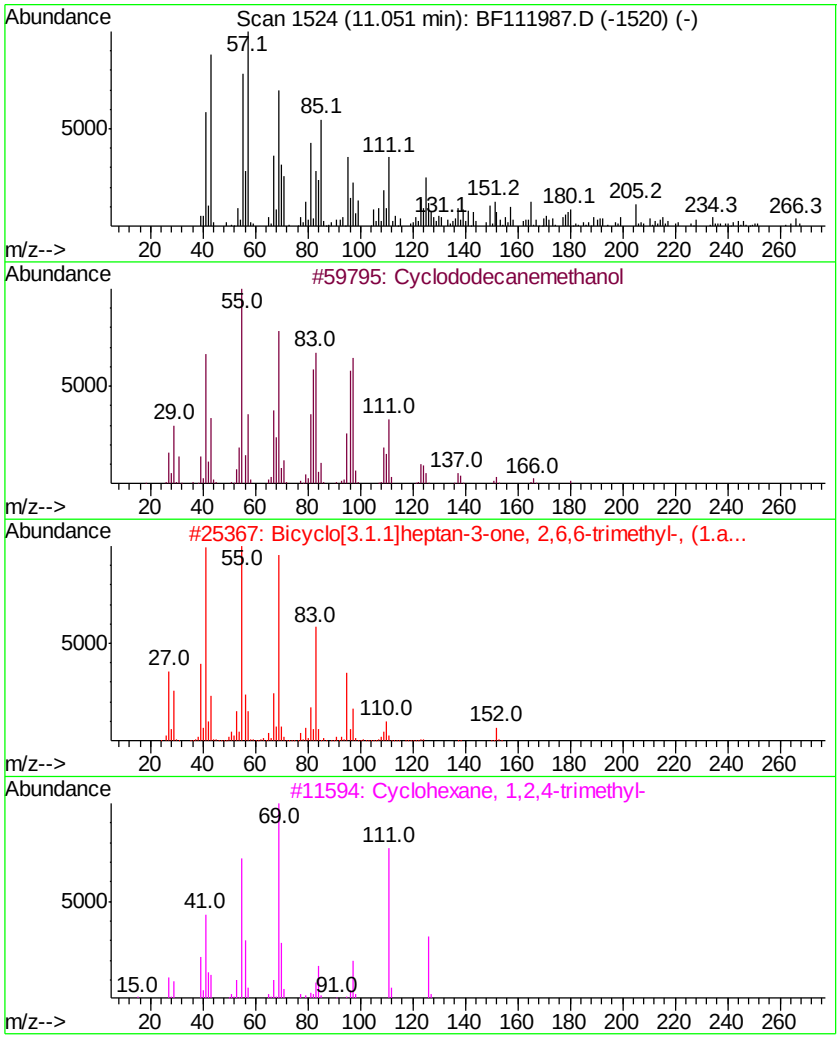
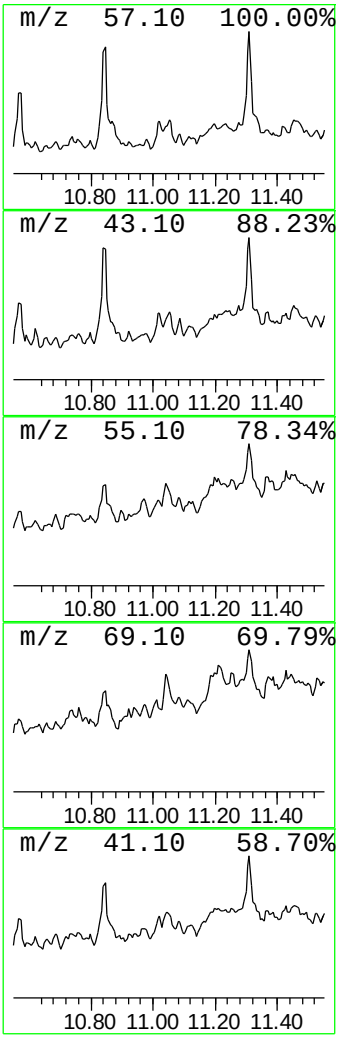
Peak Number 14 unknown11.05 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	26.39 ng	734759	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecanemethanol	198	C13H26O	001892-12-2	43
2	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	41
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38
5	2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	30





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Instrument : BNA_F
ClientSampleId : OILY-STONES

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TIC Integration Parameters: LSCINT.P

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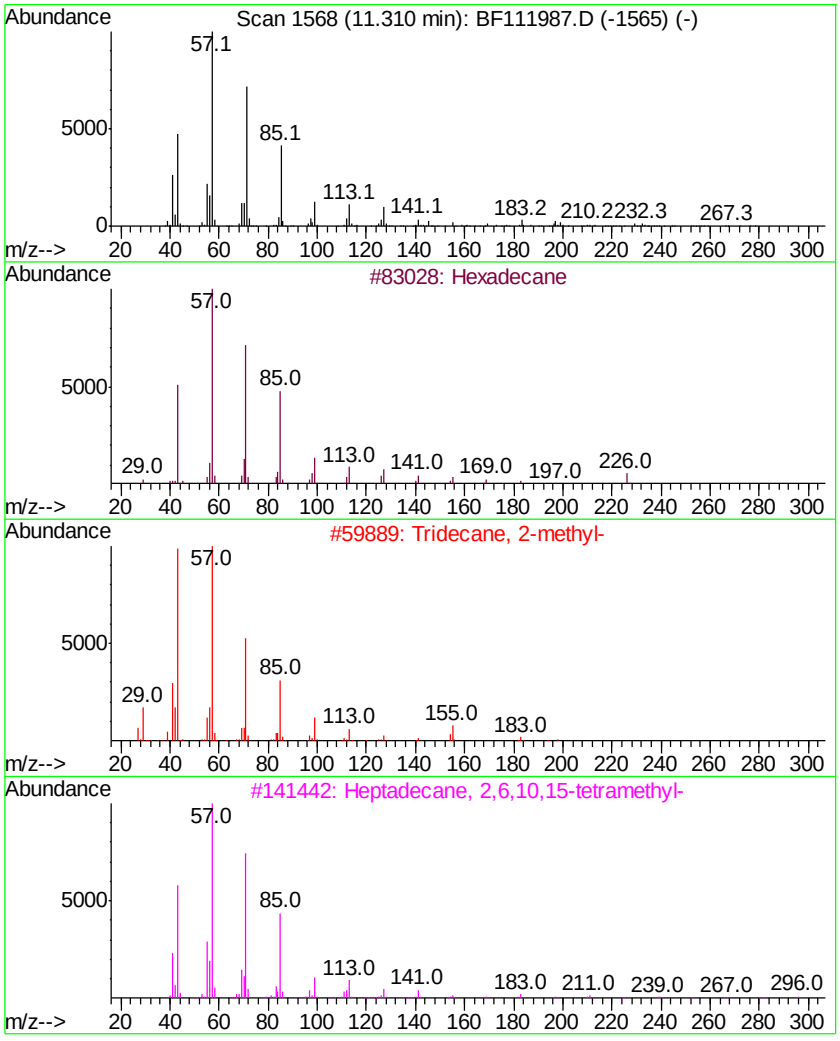
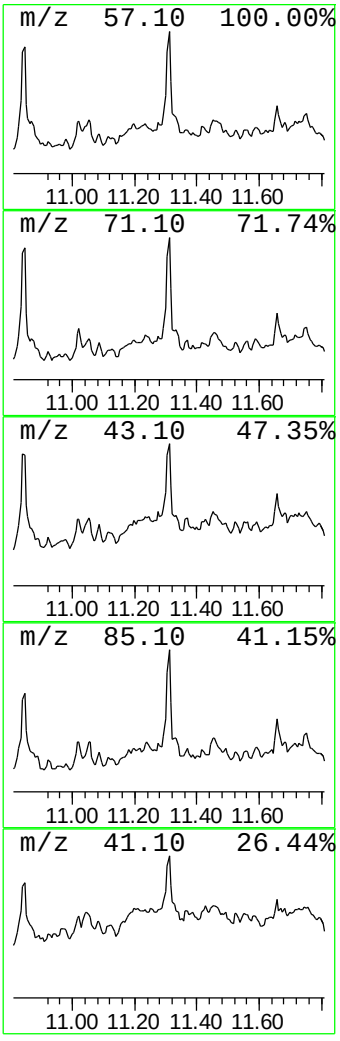
Peak Number 15 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	84.24 ng	2345200	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Tridecane	184	C13H28	000629-50-5	83
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74





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

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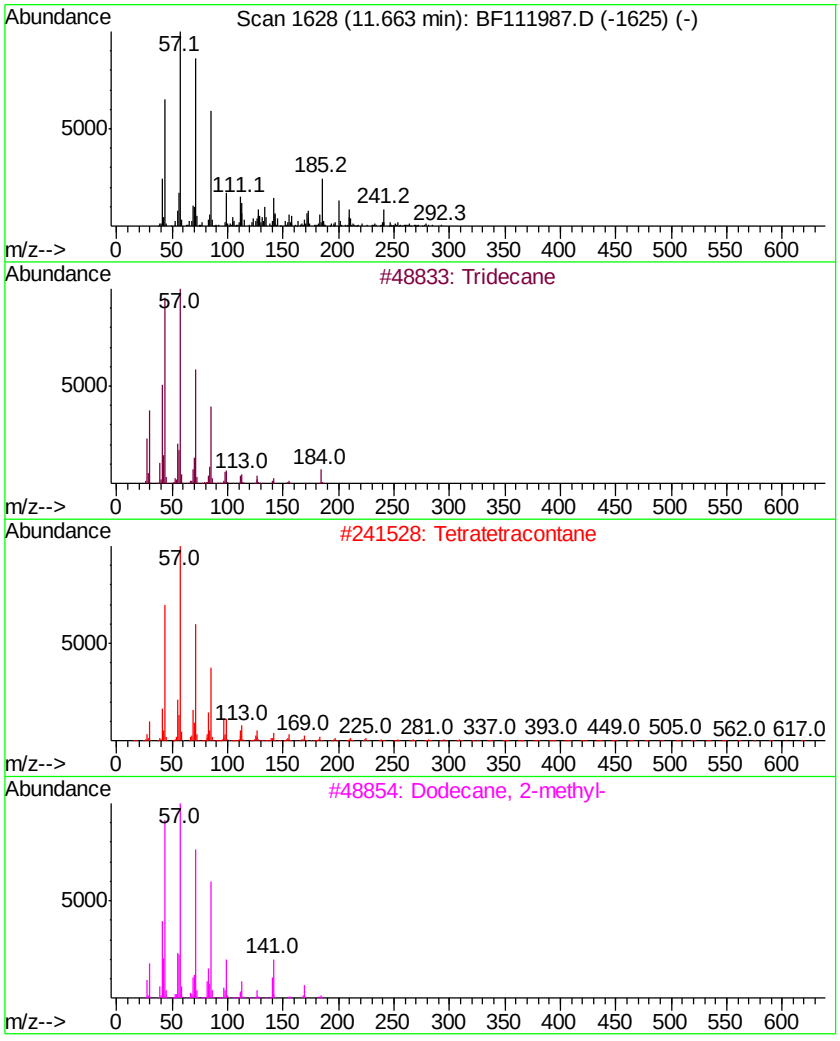
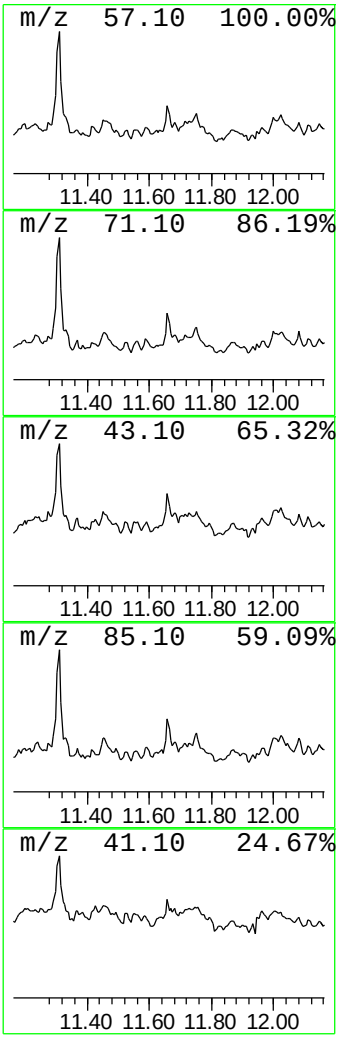
Peak Number 16 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	22.34 ng	622035	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	89
2	Tetratetracontane	619	C44H90	007098-22-8	83
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	76
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	76
5	Tetracosane	338	C24H50	000646-31-1	74





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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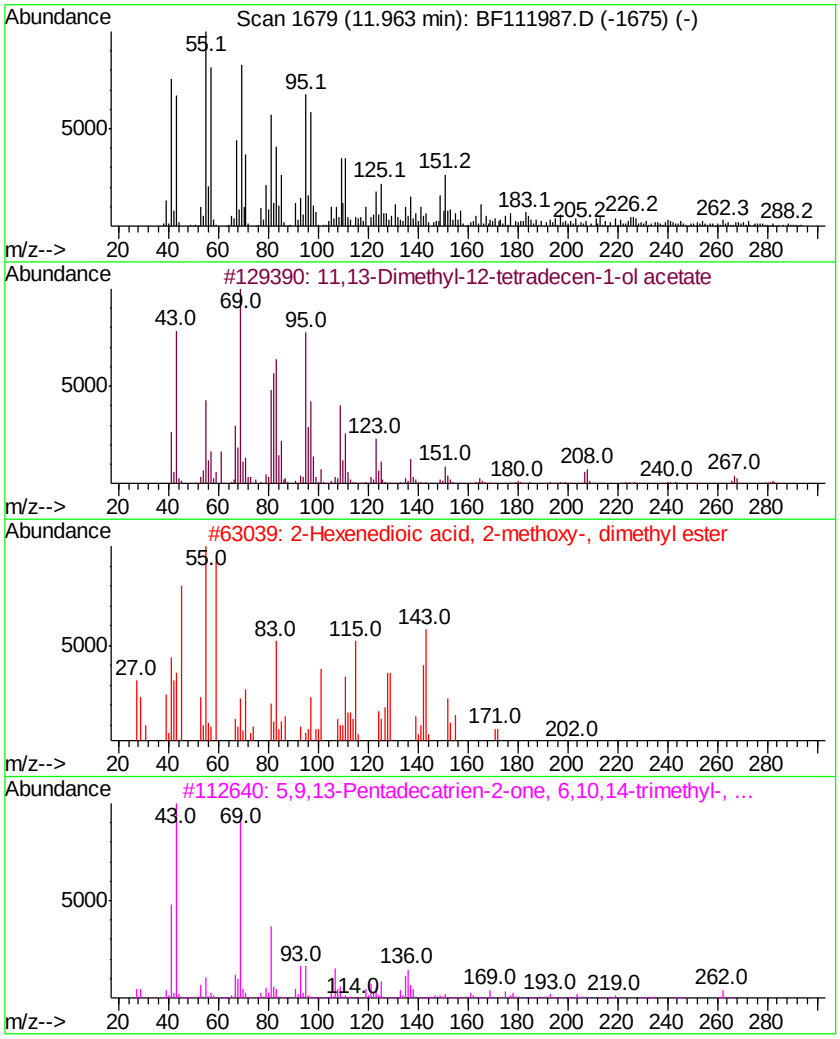
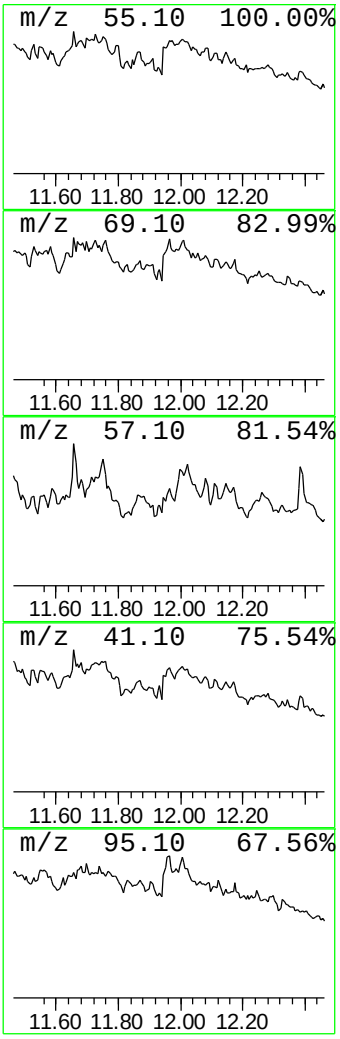
Peak Number 17 11,13-Dimethyl-12-tetradece... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	54.78 ng	1525100	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11,13-Dimethyl-12-tetradecen-1-o...	282	C18H34O2	1000130-81-0	86
2	2-Hexenedioic acid, 2-methoxy-, ...	202	C9H14O5	056114-71-7	53
3	5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	001117-52-8	47
4	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	45
5	4-Cyclohexylidene-n-butanol	154	C10H18O	004441-58-1	44





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111987.D
Acq On : 10 Jan 2019 15:11
Operator : JU/SJ
Sample : K1083-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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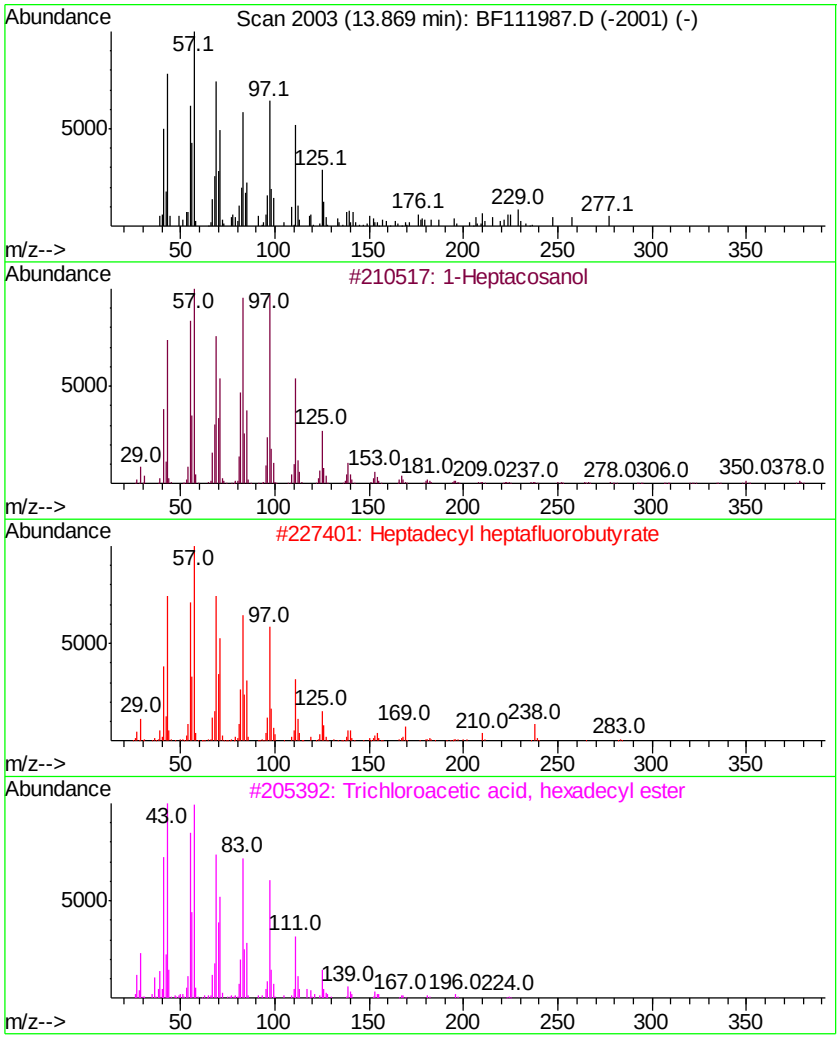
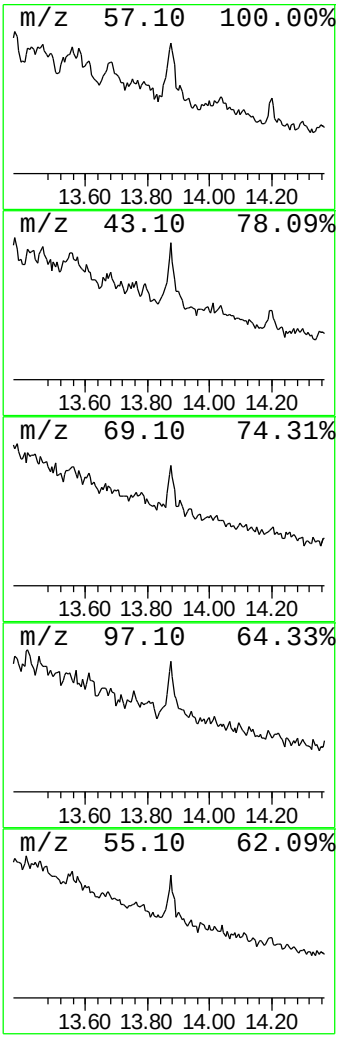
Peak Number 18 1-Heptacosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	10.95 ng	209674	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
4	17-Pentatriacontene	491	C35H70	006971-40-0	87
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	81





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Data File : BF111987.D
Acq On : 10 Jan 2019 15:11
Operator : JU/SJ
Sample : K1083-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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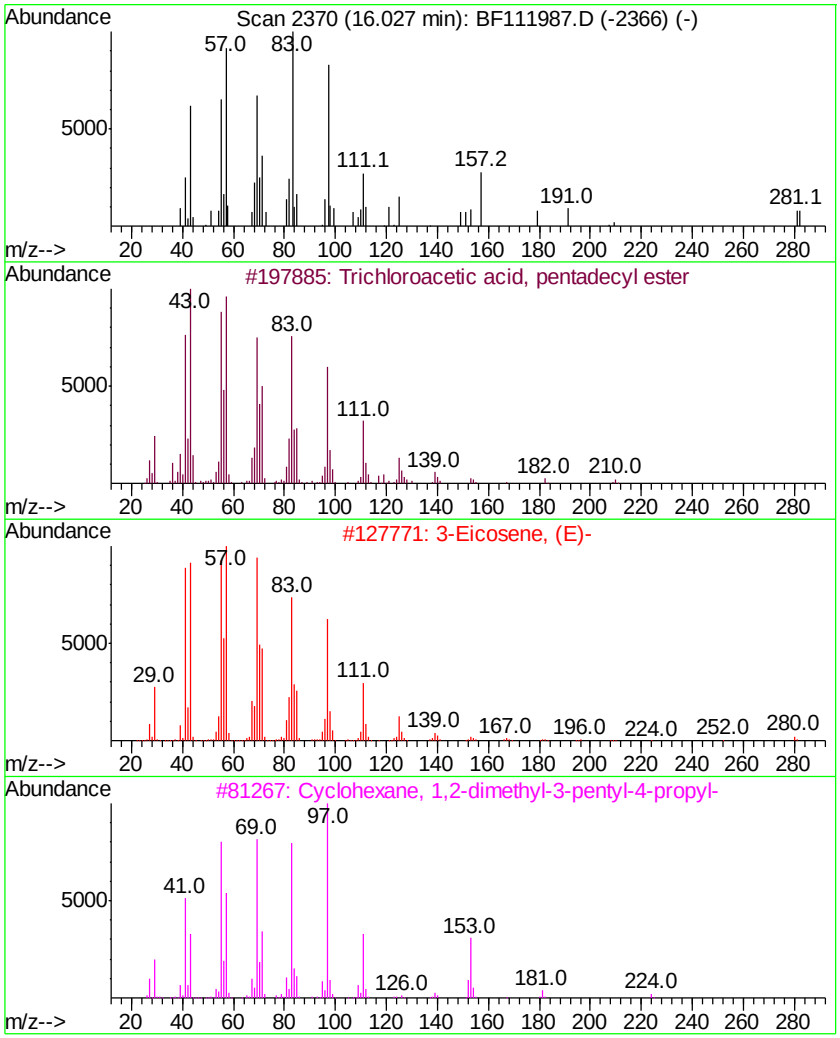
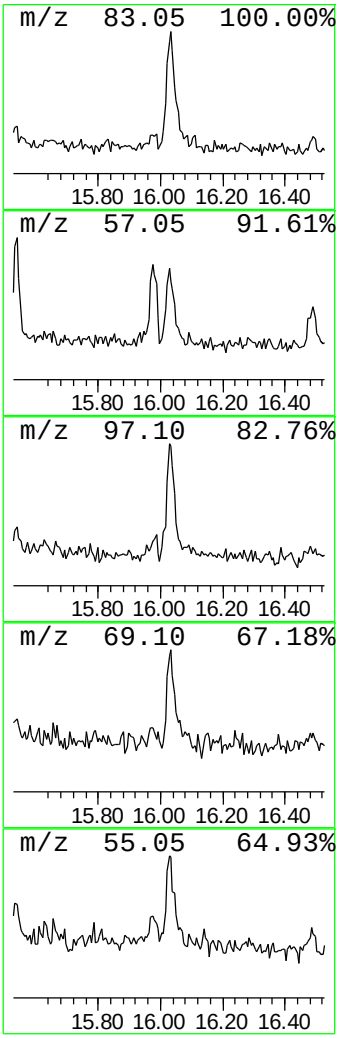
Peak Number 19 unknown16.03 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	3.54 ng	71383	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	38
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	38
3	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	38
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	30
5	Cyclohexane, (1-hexyltetradecyl)-	364	C26H52	004443-60-1	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011019\
Data File : BF111987.D
Acq On : 10 Jan 2019 15:11
Operator : JU/SJ
Sample : K1083-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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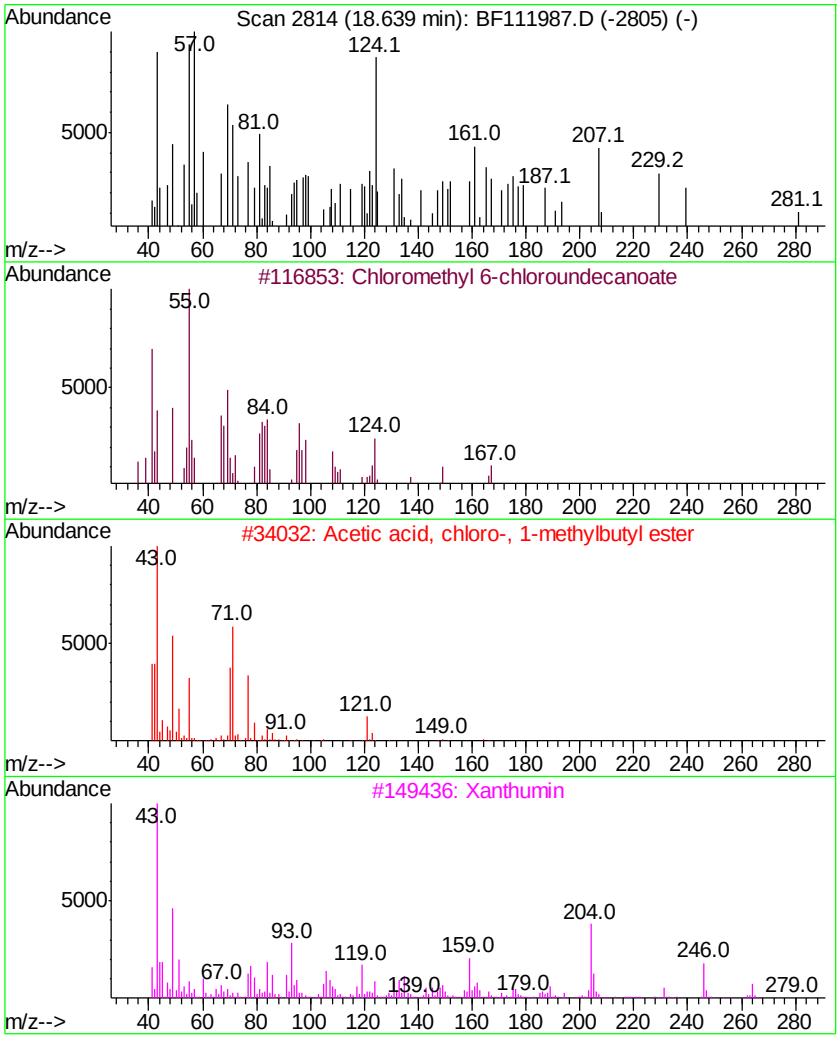
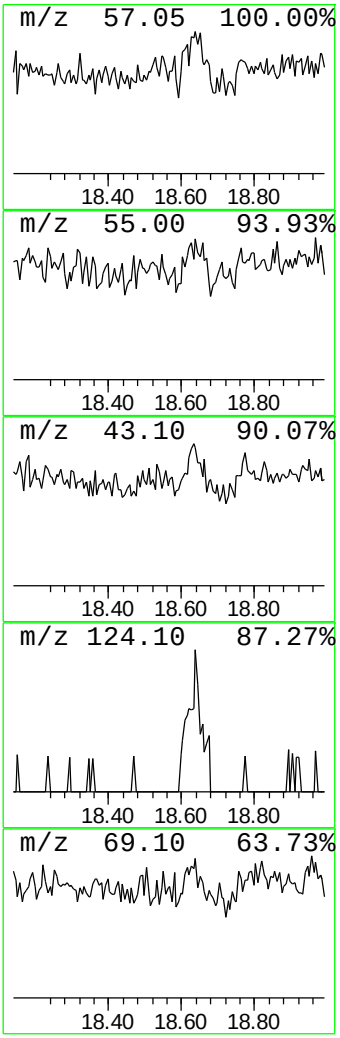
Peak Number 20 unknown18.64 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	3.19 ng	64338	Perylene-d12	15.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloromethyl 6-chloroundecanoate	268	C12H22Cl2O2	080418-92-4	16
2	Acetic acid, chloro-, 1-methylbu...	164	C7H13ClO2	090380-52-2	12
3	Xanthumin	306	C17H22O5	026791-72-0	10
4	Phosphine, cyclohexyl(1,1-dimeth...	186	C11H23P	074685-81-7	10
5	Chloroacetic acid, propyl ester	136	C5H9ClO2	005396-24-7	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011019\
Data File : BF111987.D
Acq On : 10 Jan 2019 15:11
Operator : JU/SJ
Sample : K1083-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OILY-STONES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.09	4.4	ng	136524	1	6.87	619399	20.0
unknown6.65	6.65	70.9	ng	2195620	1	6.87	619399	20.0
Decahydro-4,4,8,9...	9.32	3.3	ng	289640	3	9.92	1746780	20.0
Cyclohexadecane	9.79	4.9	ng	428548	3	9.92	1746780	20.0
unknown9.83	9.83	4.8	ng	422180	3	9.92	1746780	20.0
unknown10.11	10.11	6.0	ng	525804	3	9.92	1746780	20.0
Tridecane, 7-propyl-	10.17	4.3	ng	376593	3	9.92	1746780	20.0
unknown10.29	10.29	4.0	ng	351579	3	9.92	1746780	20.0
unknown10.33	10.33	7.1	ng	619046	3	9.92	1746780	20.0
Pentadecane	10.38	5.0	ng	433275	3	9.92	1746780	20.0
Undecane, 3,6-dim...	10.57	11.2	ng	979141	3	9.92	1746780	20.0
Tridecane, 5-propyl-	10.85	93.3	ng	2597730	4	11.41	556776	20.0
unknown11.05	11.05	26.4	ng	734759	4	11.41	556776	20.0
Hexadecane	11.31	84.2	ng	2345200	4	11.41	556776	20.0
Tridecane	11.66	22.3	ng	622035	4	11.41	556776	20.0
11,13-Dimethyl-12...	11.96	54.8	ng	1525100	4	11.41	556776	20.0
1-Heptacosanol	13.87	10.9	ng	209674	5	14.04	382829	20.0
unknown16.03	16.03	3.5	ng	71383	6	15.52	402868	20.0
unknown18.64	18.64	3.2	ng	64338	6	15.52	402868	20.0