LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096950.D
Acq On : 21 Jul 2017 18:06
Operator : SJ/JU
Sample : I4302-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4D12

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-BF071317.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	2.810	138	140	150	rBV2	9461	28824	1.01%	0.100%
2	3.351	224	232	242	rVB4	21300	62374	2.19%	0.217%
3	3.534	250	263	271	rVB2	23675	54250	1.91%	0.188%
4	4.087	351	357	365	rVB	62388	93185	3.28%	0.324%
5	4.640	447	451	455	rBV2	29339	36449	1.28%	0.127%
6	4.716	460	464	480	rBV	266173	405752	14.27%	1.409%
7	5.028	512	517	518	rBV	41112	43345	1.52%	0.150%
8	5.051	518	521	525	rVB	58309	57950	2.04%	0.201%
9	5.128	531	534	535	rBV	50905	42044	1.48%	0.146%
10	5.157	535	539	554	rVB	2548127	2689293	94.56%	9.337%
11	5.457	586	590	594	rBV	174264	152314	5.36%	0.529%
12	5.628	612	619	626	rBV2	20235	39960	1.41%	0.139%
13	5.704	626	632	637	rVB	31234	36923	1.30%	0.128%
14	5.804	645	649	654	rVB	37650	40812	1.44%	0.142%
15	5.998	677	682	687	rBV2	27675	31710	1.12%	0.110%
16	6.063	691	693	696	rVV	61610	50515	1.78%	0.175%
17	6.098	696	699	701	rVV	65202	60905	2.14%	0.211%
18	6.157	705	709	712	rBV	80303	70098	2.46%	0.243%
19	6.210	712	718	730	rBV	2584088	2843891	100.00%	9.874%
20	6.328	733	738	741	rBV	2617838	2624456	92.28%	9.112%
21	6.404	748	751	756	rVB	248261	201339	7.08%	0.699%
22	6.551	772	776	780	rBV	929212	759389	26.70%	2.637%
23	6.633	785	790	793	rBV2	24122	30489	1.07%	0.106%
24	6.710	797	803	806	rBV	2226399	2024415	71.18%	7.029%
25	6.851	823	827	829	rBV2	51147	47105	1.66%	0.164%
26	6.881	829	832	835	rVV2	58775	46571	1.64%	0.162%
27	6.910	835	837	841	rVB	58425	53240	1.87%	0.185%
28	6.957	841	845	850	rBV	60714	62162	2.19%	0.216%
29	7.122	867	873	876	rBV	1631186	1718090	60.41%	5.965%
30	7.175	878	882	885	rVB	237562	215373	7.57%	0.748%
31	7.545	940	945	947	rBV	49443	55599	1.96%	0.193%
32	7.575	947	950	952	rVB2	42867	32717	1.15%	0.114%
33	7.610	952	956	959	rVB	52503	48147	1.69%	0.167%
34	7.651	959	963	966	rBV	47065	41397	1.46%	0.144%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4302-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4D12

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.833	990	994	998	rBV	1306960	1225051	43.08%	4.253%
36	8.157	1040	1049	1054	rBV3	32903	63176	2.22%	0.219%
37	8.233	1059	1062	1066	rVV	48791	43981	1.55%	0.153%
38	8.275	1066	1069	1075	rVB	44915	41440	1.46%	0.144%
39	8.445	1094	1098	1102	rBV	250581	213751	7.52%	0.742%
40	8.545	1110	1115	1118	rVB3	33825	38739	1.36%	0.134%
41	8.727	1143	1146	1148	rBV	32622	30446	1.07%	0.106%
42	8.810	1157	1160	1163	rVB	33868	32051	1.13%	0.111%
43	8.851	1163	1167	1170	rBV	30964	28464	1.00%	0.099%
44	8.916	1173	1178	1181	rBV	2702808	2534850	89.13%	8.801%
45	9.010	1190	1194	1197	rBV	237953	186109	6.54%	0.646%
46	9.169	1216	1221	1224	rBV2	20558	29100	1.02%	0.101%
47	9.310	1242	1245	1250	rBV	390990	323260	11.37%	1.122%
48	9.539	1280	1284	1286	rVB	214178	186423	6.56%	0.647%
49	9.580	1286	1291	1295	rBV2	1064620	945608	33.25%	3.283%
50	9.763	1319	1322	1325	rBV3	31740	46915	1.65%	0.163%
51	9.857	1335	1338	1341	rVB	49868	42564	1.50%	0.148%
52	10.033	1364	1368	1372	rVB	262668	212835	7.48%	0.739%
53	10.245	1400	1404	1408	rBV2	42220	62160	2.19%	0.216%
54	10.369	1421	1425	1428	rBV	1411175	1298087	45.64%	4.507%
55	10.504	1445	1448	1456	rVB	322220	284808	10.01%	0.989%
56	10.698	1478	1481	1485	rBV	44355	46789	1.65%	0.162%
57	10.951	1520	1524	1527	rBV	237271	186931	6.57%	0.649%
58	11.057	1538	1542	1545	rBV	973687	819169	28.80%	2.844%
59	11.133	1550	1555	1559	rBV4	19908	32890	1.16%	0.114%
60	11.257	1572	1576	1579	rBV	37848	31442	1.11%	0.109%
61	11.374	1593	1596	1602	rVB	177613	149494	5.26%	0.519%
62	11.780	1662	1665	1669	rVB	136443	112071	3.94%	0.389%
63	12.168	1728	1731	1740	rVB	155403	136206	4.79%	0.473%
64	12.539	1791	1794	1797	rBV	100936	86682	3.05%	0.301%
65	12.645	1807	1812	1815	rBV	1774553	1781429	62.64%	6.185%
66	12.892	1846	1854	1857	rBV	98188	99214	3.49%	0.344%
67	13.233	1909	1912	1920	rVB	79688	75344	2.65%	0.262%
68	13.551	1960	1966	1975	rBV2	144657	220373	7.75%	0.765%
69	13.680	1981	1988	1996	rBV	706288	682540	24.00%	2.370%
70	13.874	2017	2021	2030	rBV	68998	72651	2.55%	0.252%
71	14.180	2070	2073	2082	rVB	44222	63993	2.25%	0.222%

LSC Area Percent Report

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Instrument : BNA_F
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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

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.445	2114	2118	2126	rBV	685488	740991	26.06%	2.573%
73	14.674	2154	2157	2163	rVB3	18481	32830	1.15%	0.114%
74	14.762	2169	2172	2176	rBV	39684	47587	1.67%	0.165%
75	15.045	2215	2220	2224	rBV	575097	639824	22.50%	2.221%
76	15.092	2225	2228	2237	rVB3	29085	41330	1.45%	0.143%
77	15.456	2287	2290	2296	rVB3	22732	31907	1.12%	0.111%

Sum of corrected areas: 28802588

LSC Report - Integrated Chromatogram

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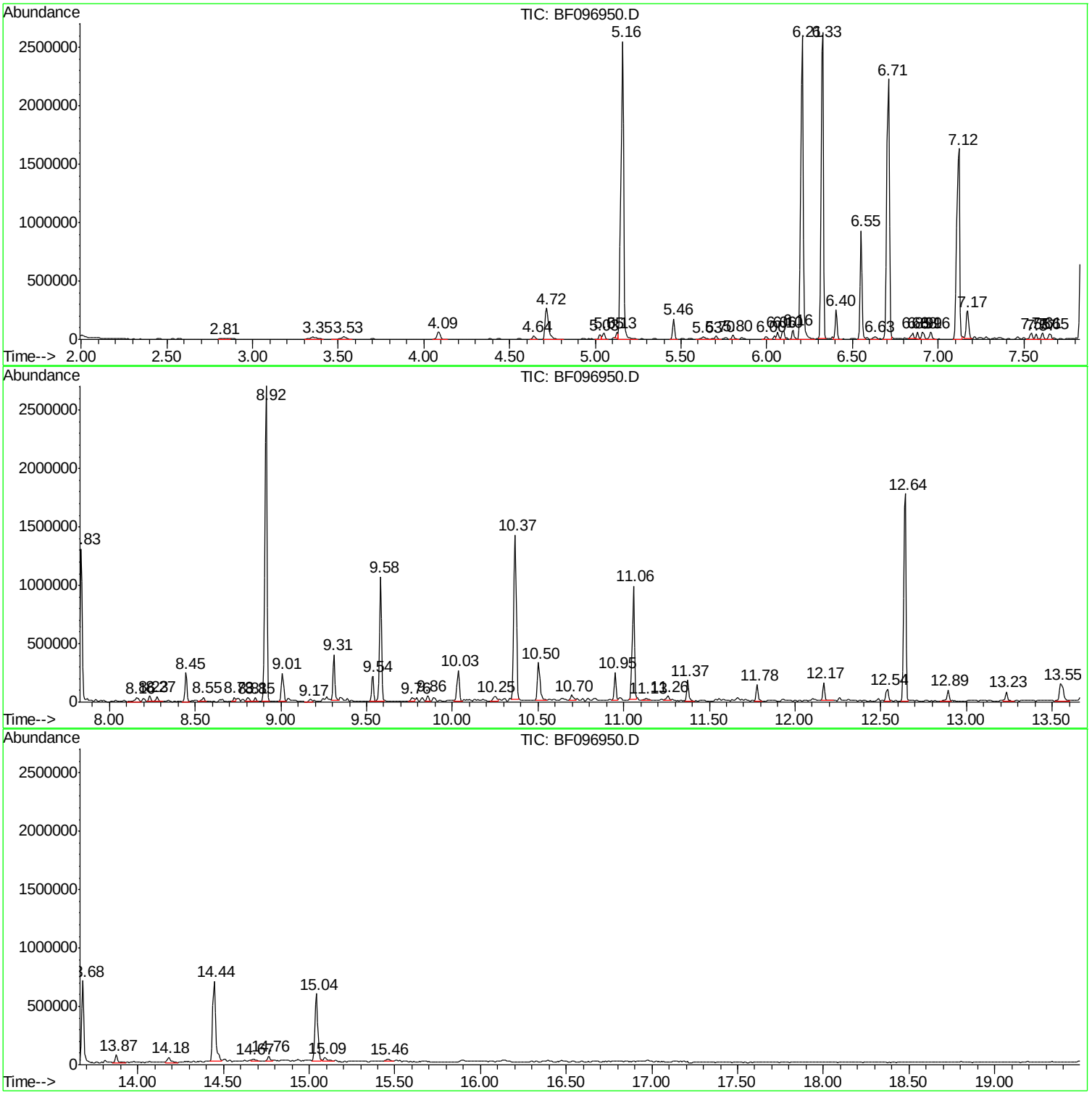
Operator : SJ/JU
Sample : I4302-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4D12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096950.D
Acq On : 21 Jul 2017 18:06
Operator : SJ/JU
Sample : I4302-03
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Instrument : BNA_F
ClientSampleId : SB-4D12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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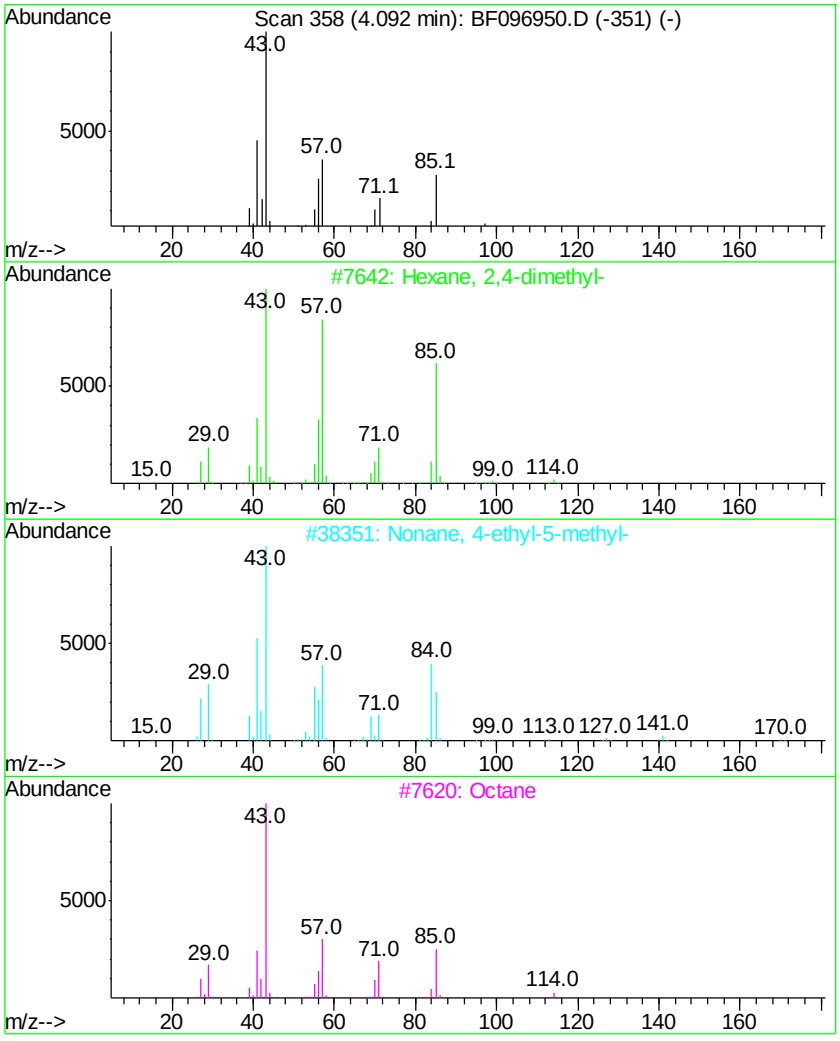
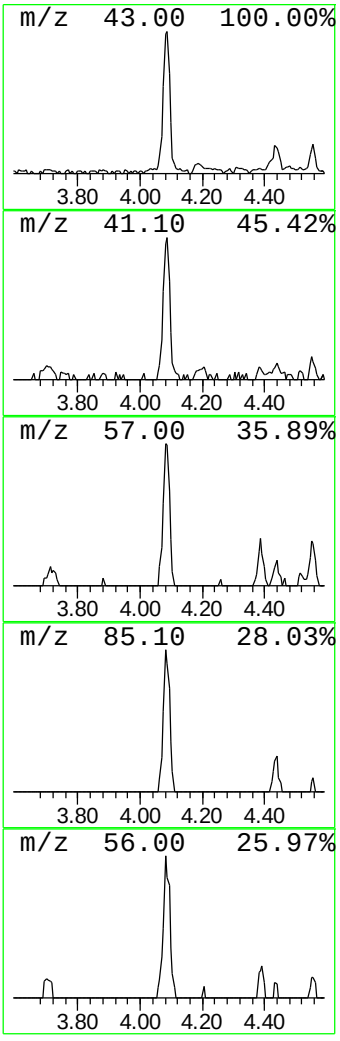
Peak Number 1 Hexane, 2,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	2.45 ng	93185	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	72
2	Nonane, 4-ethyl-5-methyl-	170	C12H26	001632-71-9	72
3	Octane	114	C8H18	000111-65-9	72
4	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	64
5	Decane, 5,6-dimethyl-	170	C12H26	001636-43-7	64





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Data File : BF096950.D
Acq On : 21 Jul 2017 18:06
Operator : SJ/JU
Sample : I4302-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4D12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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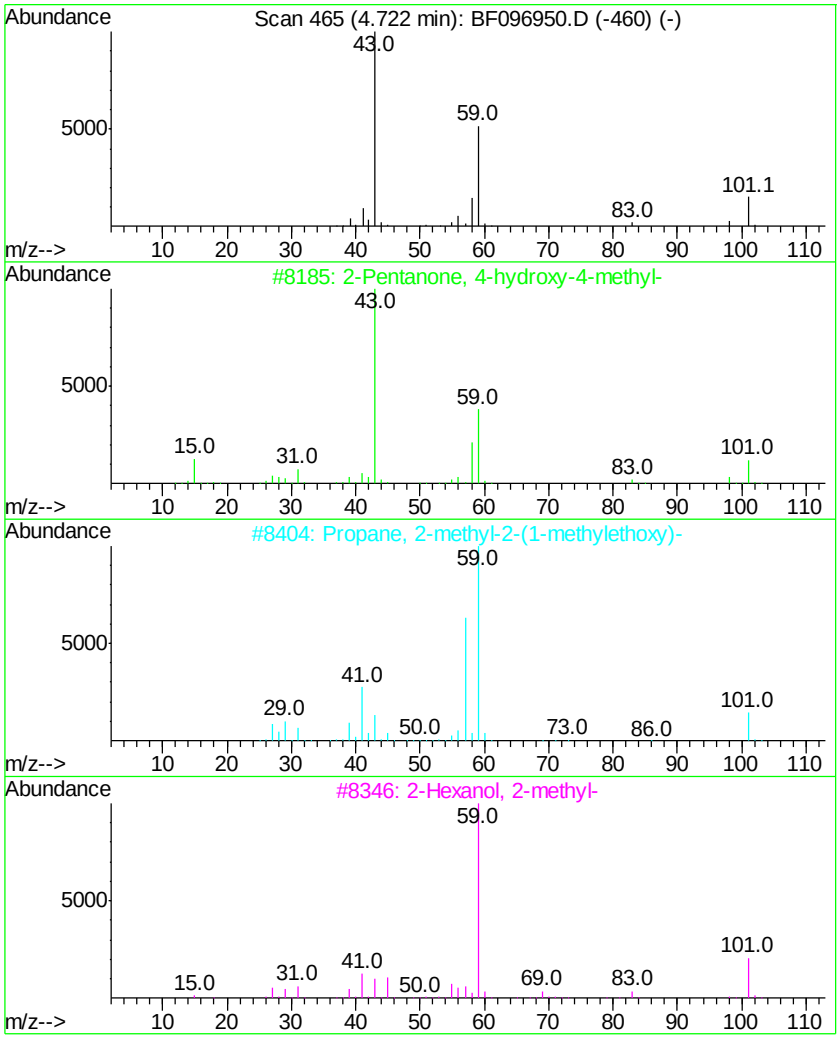
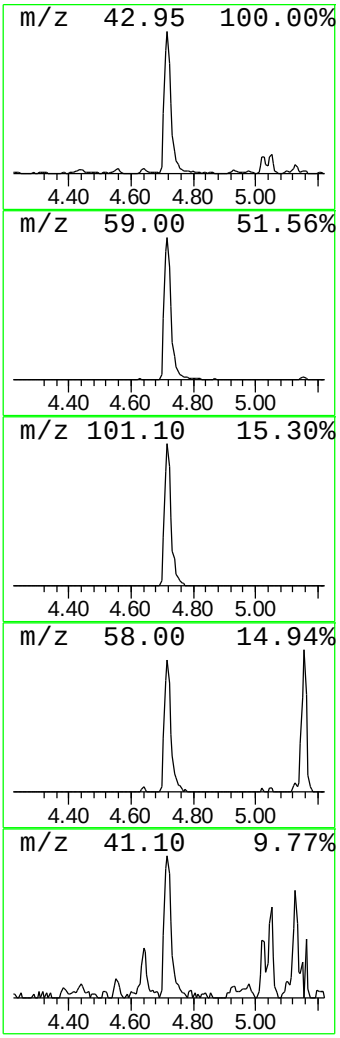
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	10.69 ng	405752	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
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Acq On : 21 Jul 2017 18:06
Operator : SJ/JU
Sample : I4302-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4D12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

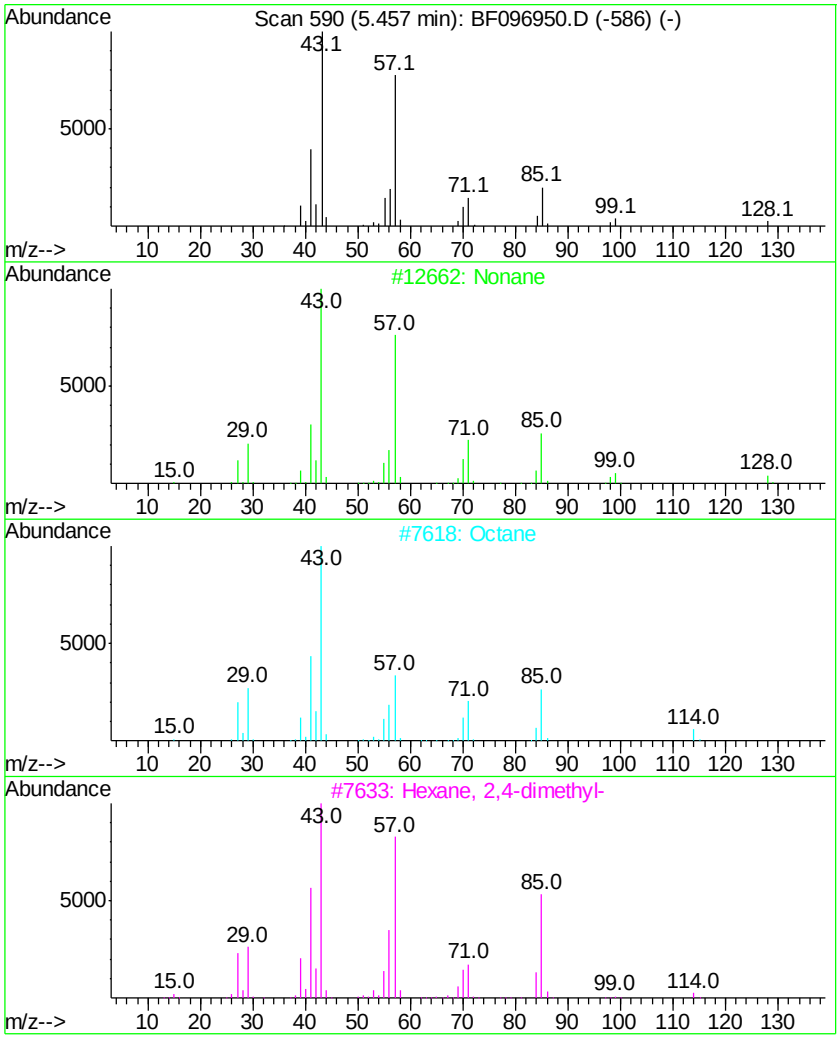
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

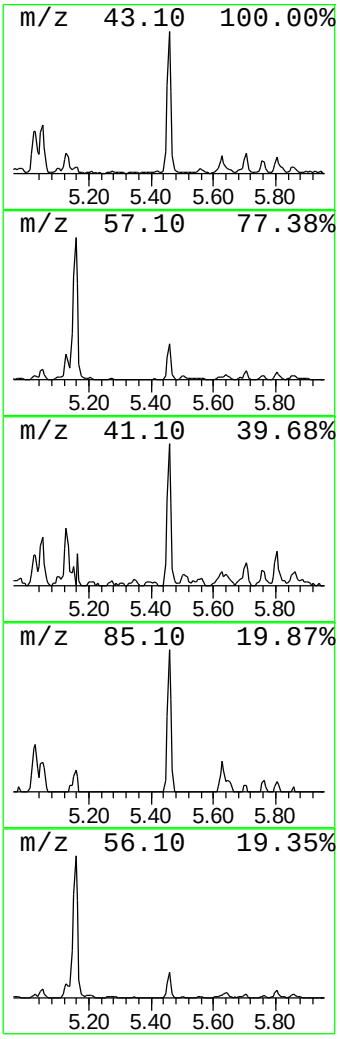
****

Peak Number 3 Nonane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	4.01 ng	152314	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	76
2	Octane	114	C8H18	000111-65-9	64
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	53
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50





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Instrument : BNA_F
ClientSampleId : SB-4D12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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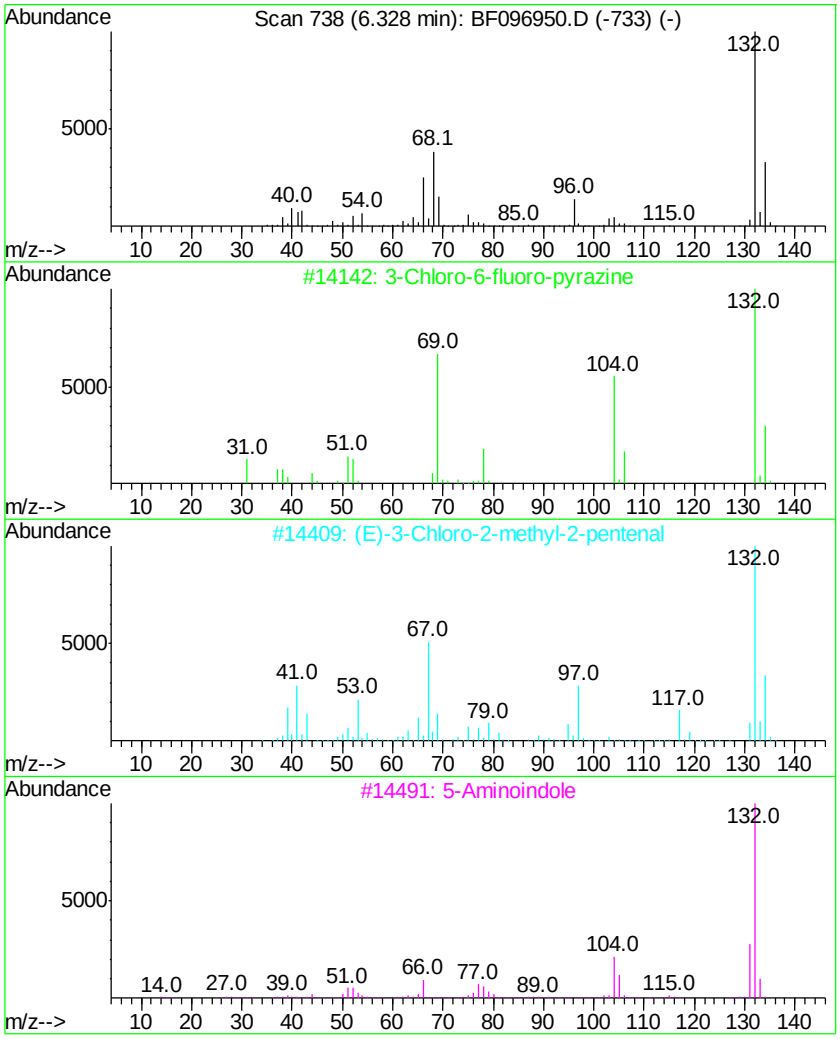
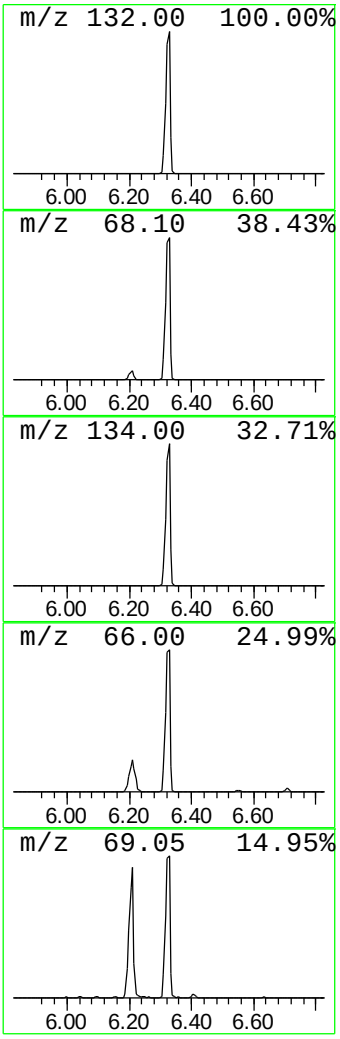
Peak Number 4 unknown6.33 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	69.12 ng	2624460	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Instrument : BNA_F
ClientSampleId : SB-4D12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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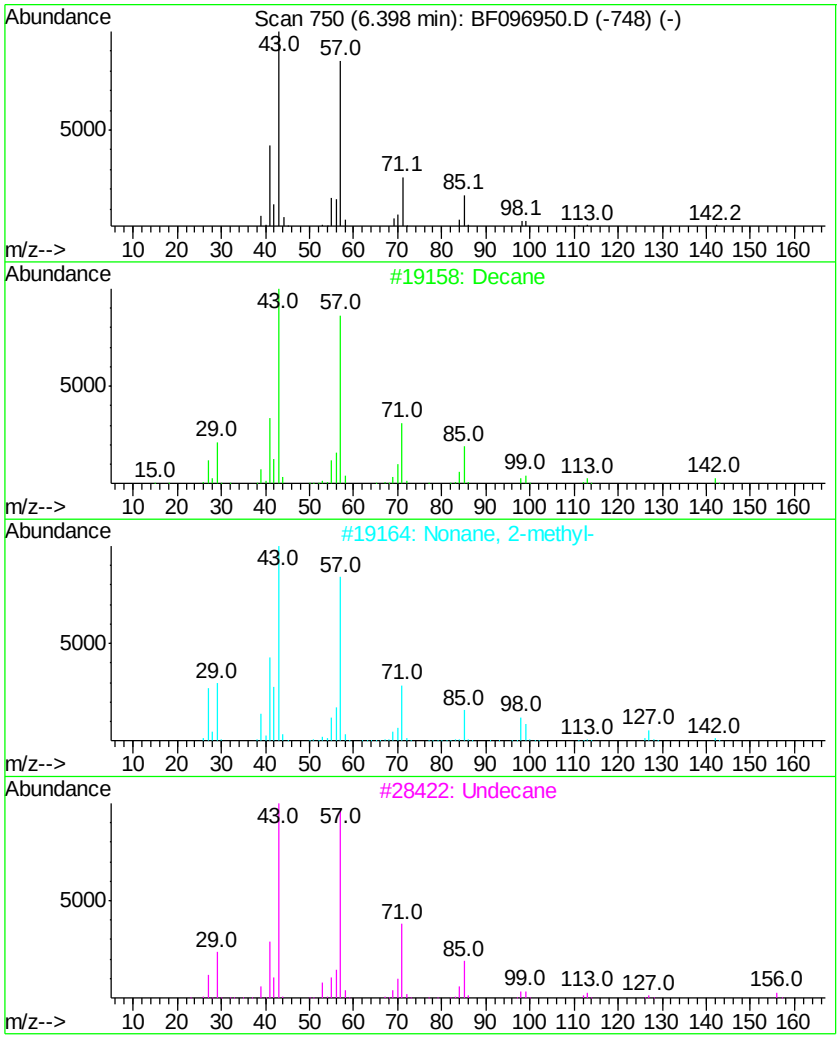
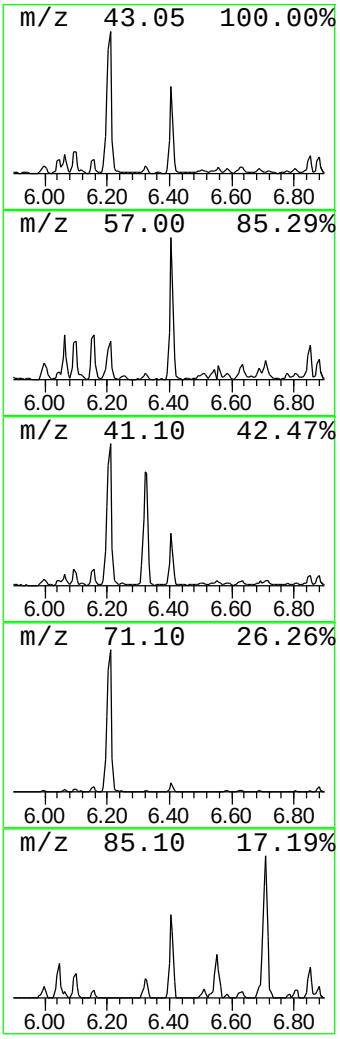
Peak Number 5 Decane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	5.30 ng	201339	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	86
2	Nonane, 2-methyl-	142	C10H22	000871-83-0	80
3	Undecane	156	C11H24	001120-21-4	78
4	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	64
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58





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Operator : SJ/JU
Sample : I4302-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4D12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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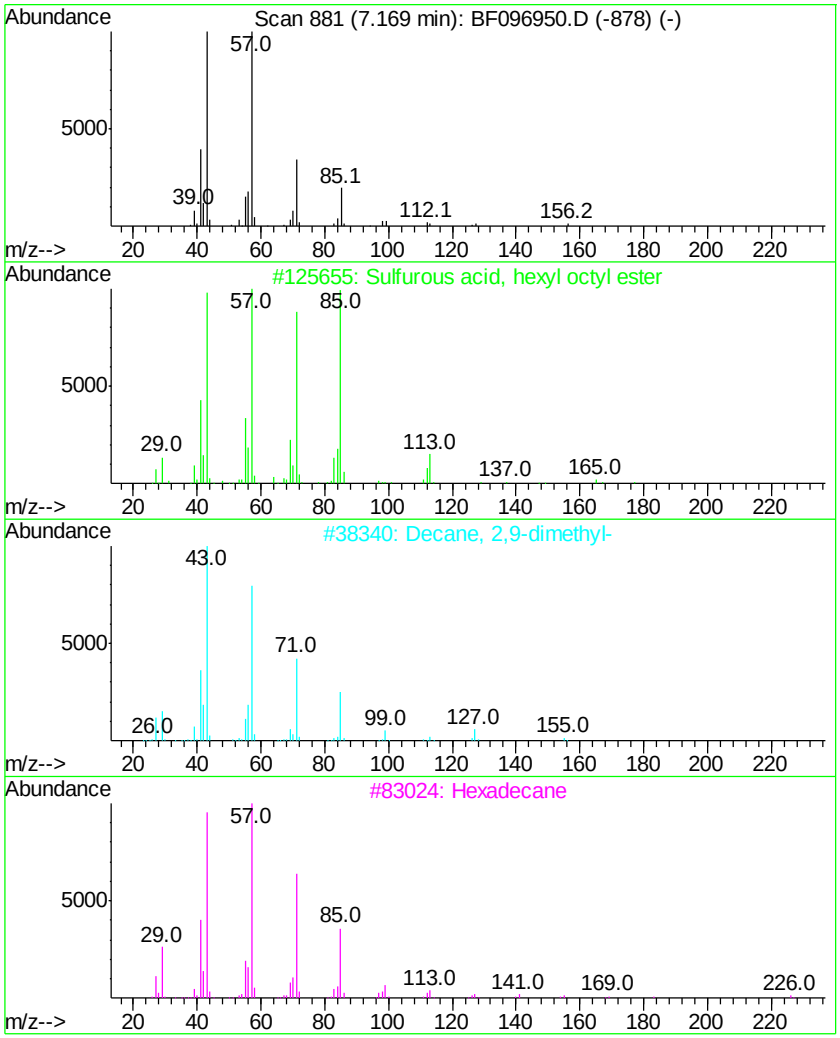
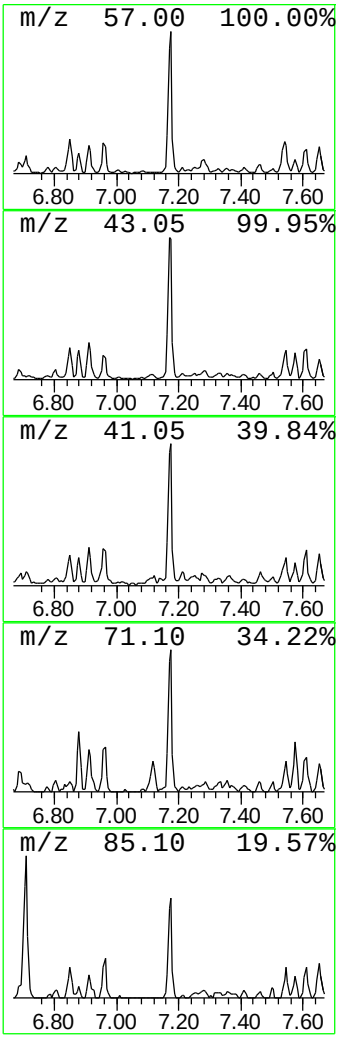
Peak Number 7 Sulfurous acid, hexyl octyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	5.67 ng	215373	1,4-Dichlorobenzene-d4	6.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	64
2	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
3	Hexadecane	226	C16H34	000544-76-3	64
4	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
Data File : BF096950.D
Acq On : 21 Jul 2017 18:06
Operator : SJ/JU
Sample : I4302-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4D12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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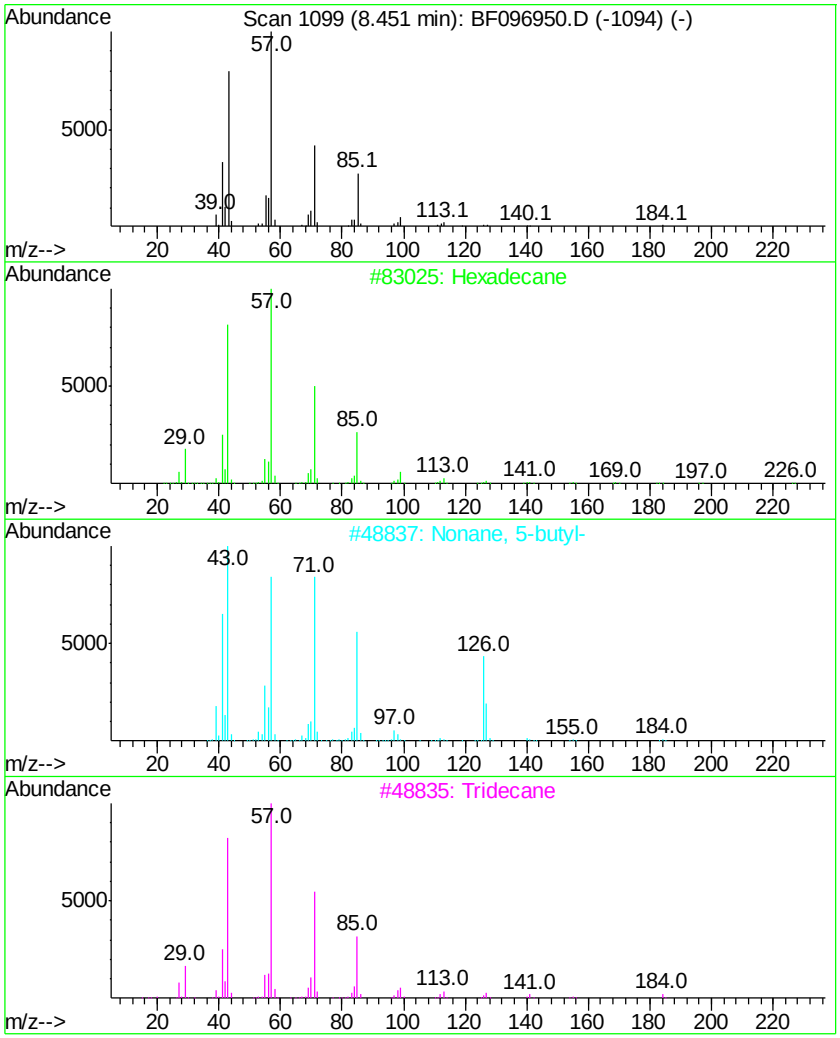
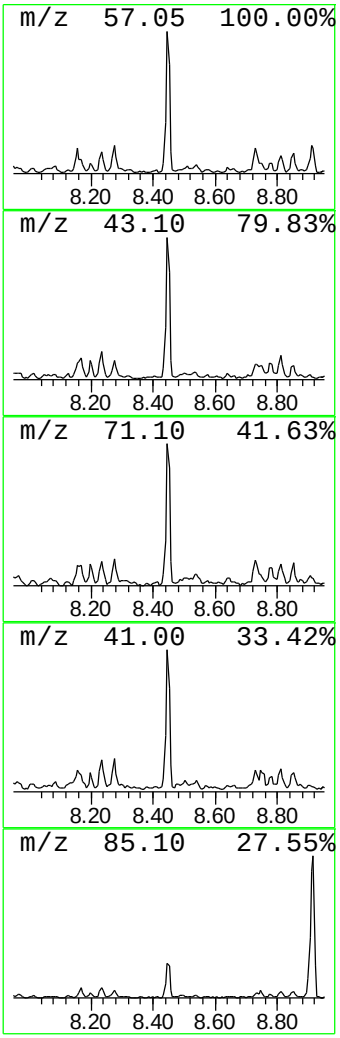
Peak Number 8 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	3.49 ng	213751	Naphthalene-d8	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	76
3	Tridecane	184	C13H28	000629-50-5	72
4	Dodecane	170	C12H26	000112-40-3	72
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	72





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Data File : BF096950.D
Acq On : 21 Jul 2017 18:06
Operator : SJ/JU
Sample : I4302-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4D12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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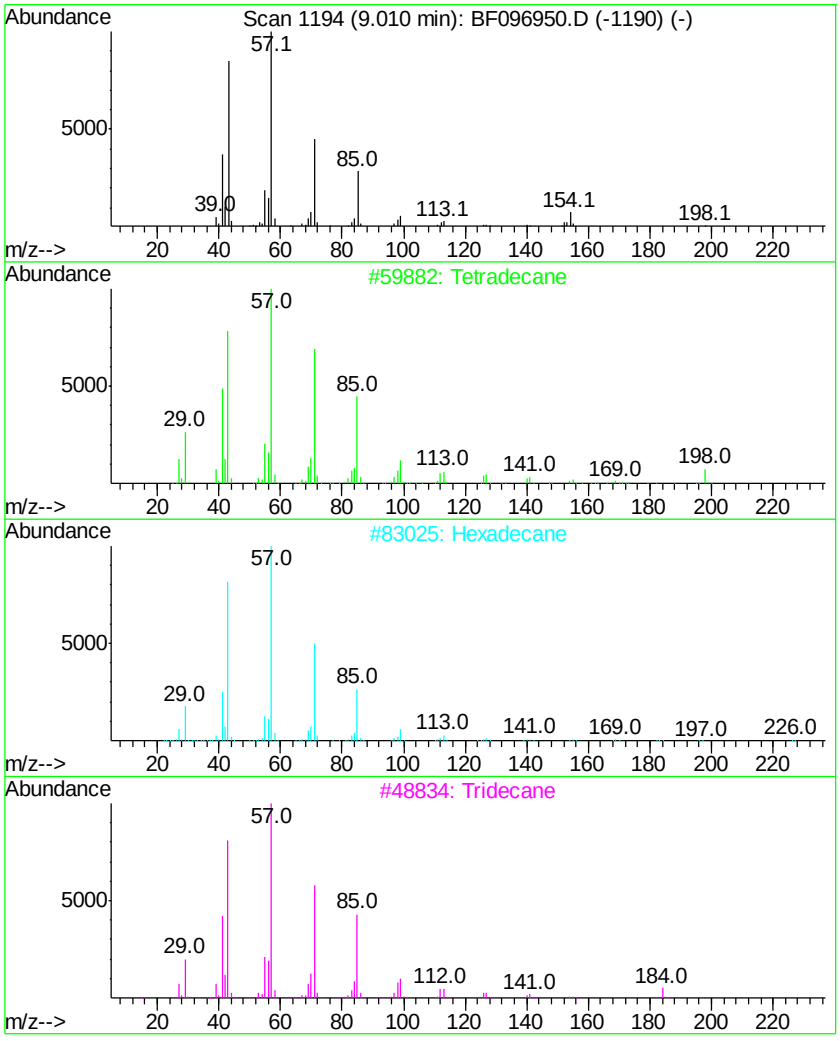
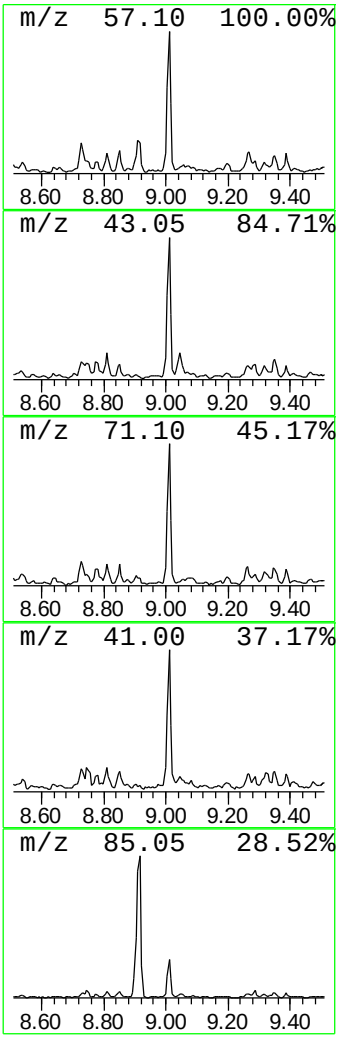
Peak Number 9 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	3.94 ng	186109	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Undecane	156	C11H24	001120-21-4	86
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78





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Acq On : 21 Jul 2017 18:06
Operator : SJ/JU
Sample : I4302-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4D12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

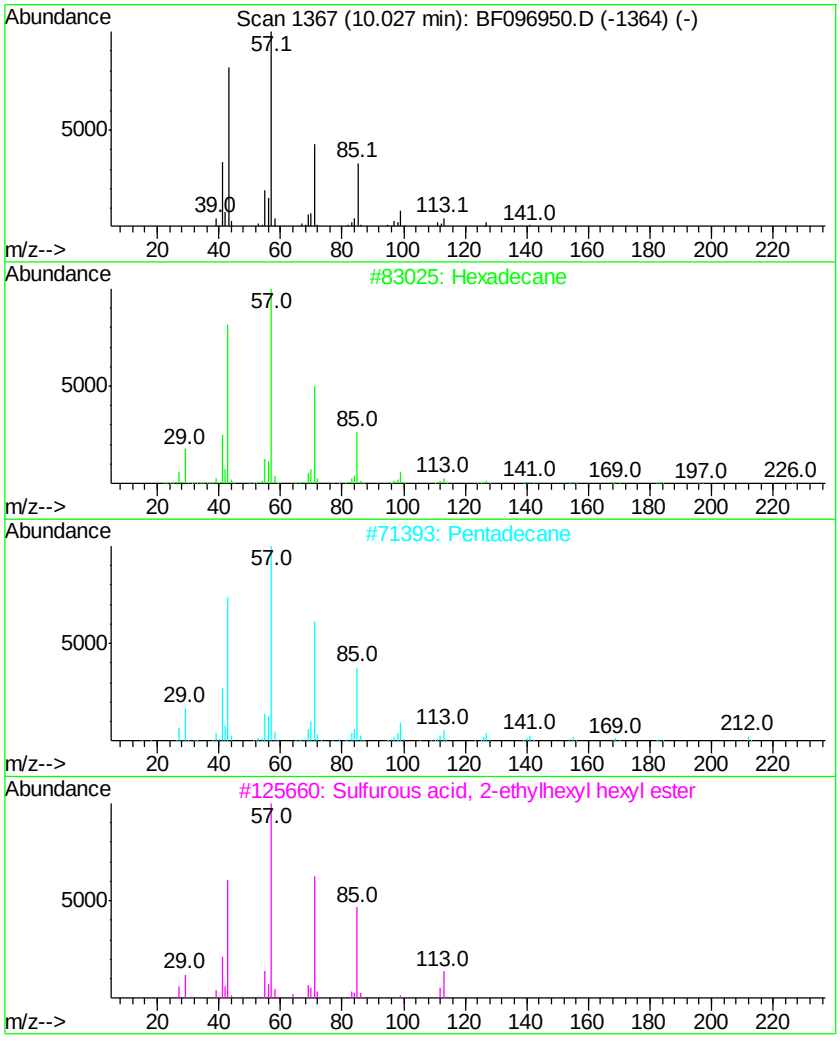
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

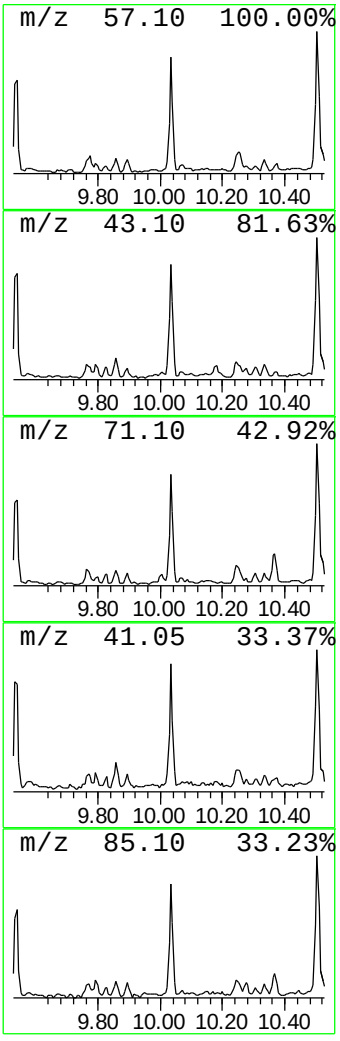
****

Peak Number 10 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	4.50 ng	212835	Acenaphthene-d10	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	86
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	86
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	78
5	Tridecane	184	C13H28	000629-50-5	72





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Acq On : 21 Jul 2017 18:06
Operator : SJ/JU
Sample : I4302-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4D12

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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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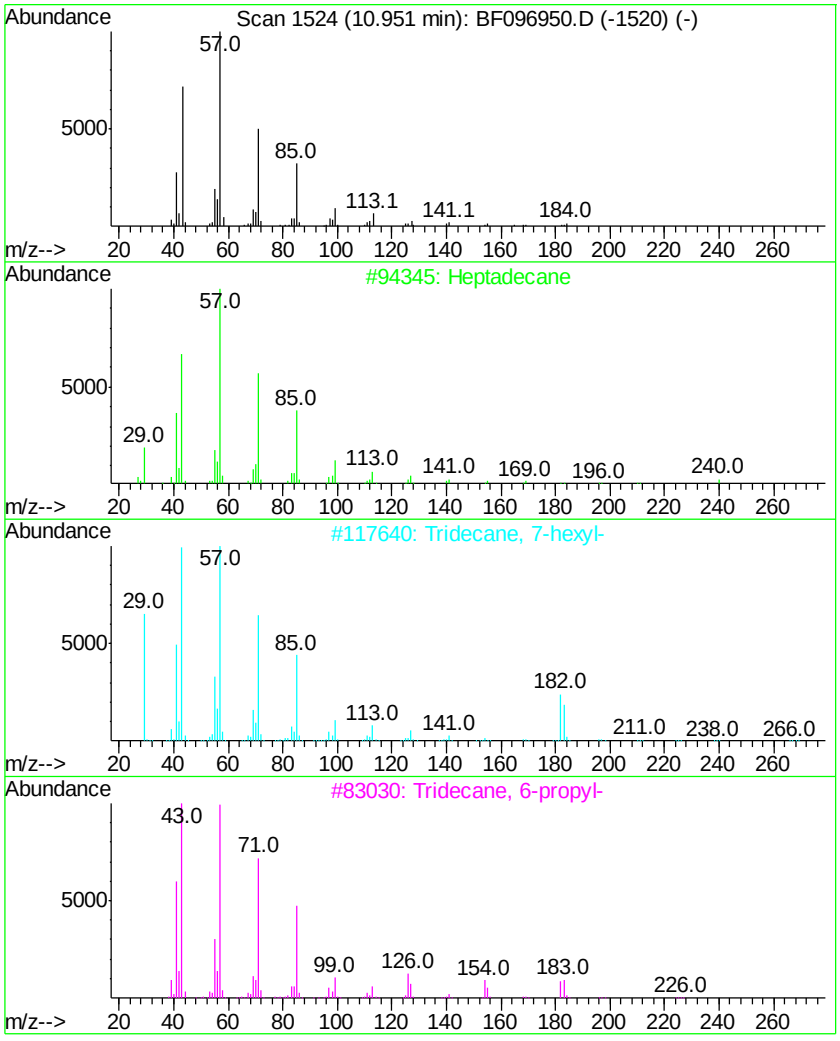
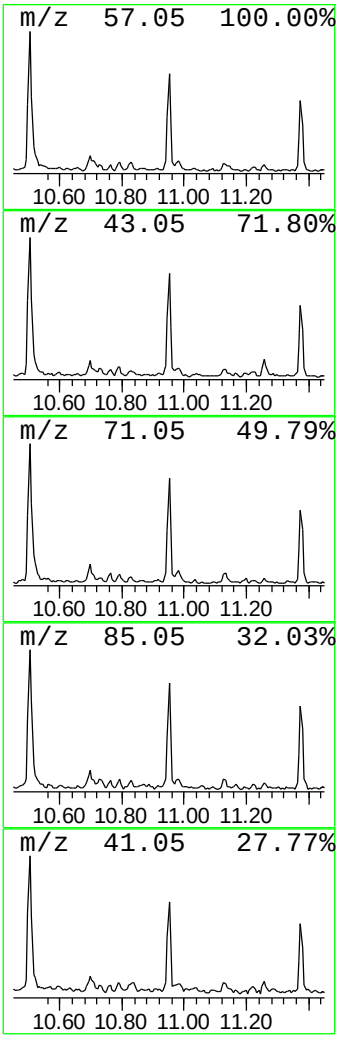
Peak Number 12 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	4.56 ng	186931	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Acq On : 21 Jul 2017 18:06
Operator : SJ/JU
Sample : I4302-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4D12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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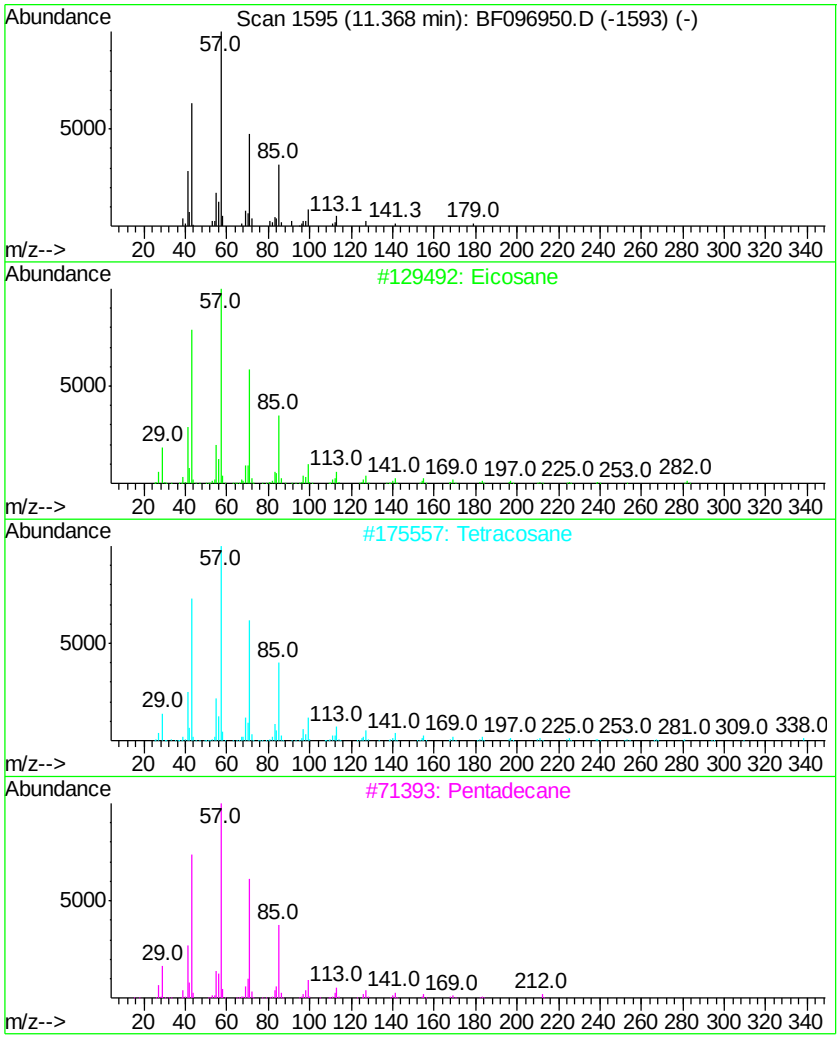
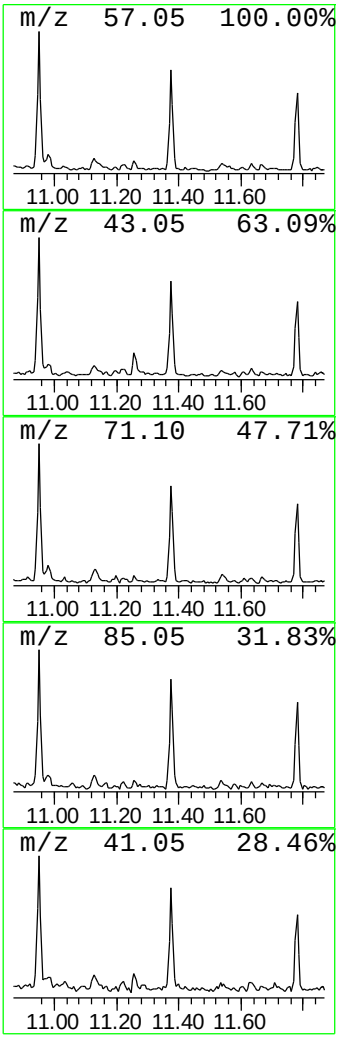
Peak Number 13 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	3.65 ng	149494	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	86





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4D12

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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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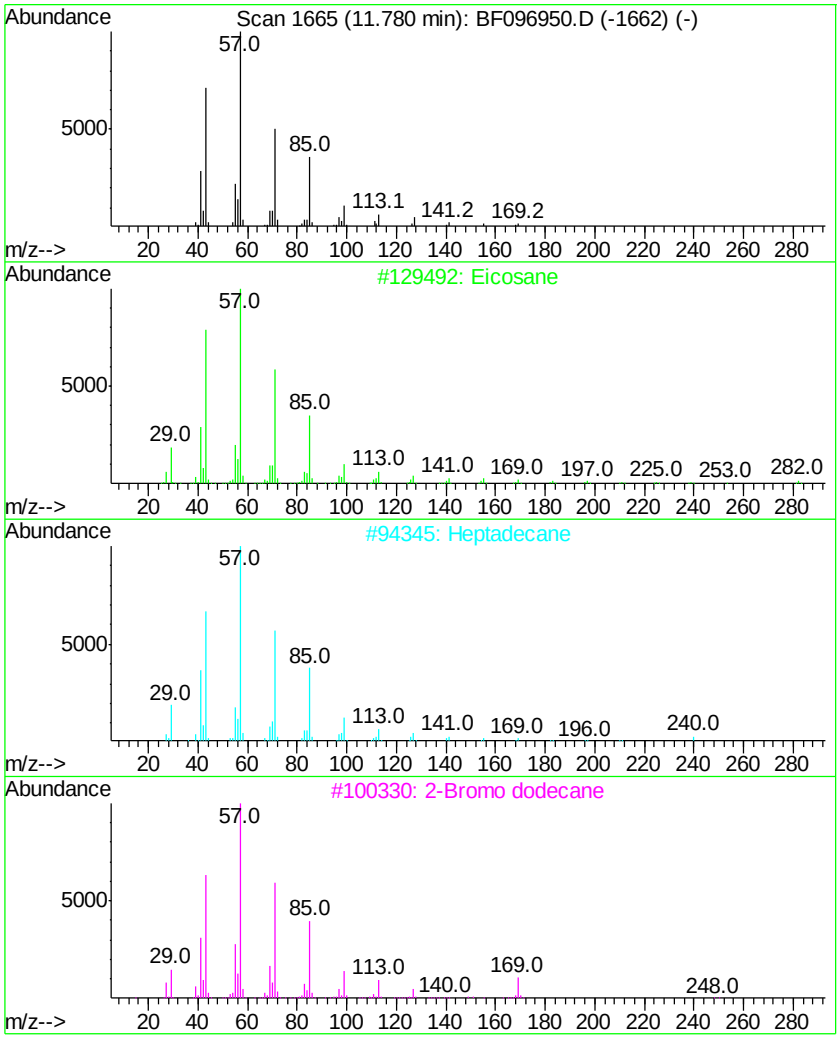
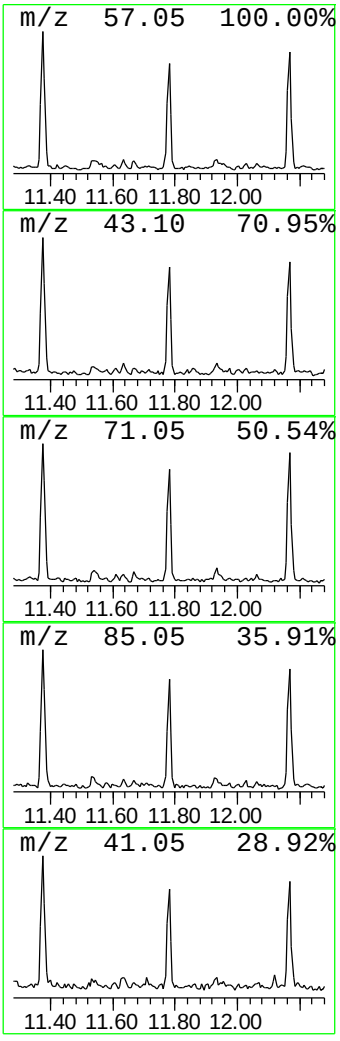
Peak Number 14 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.74 ng	112071	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heptacosane	380	C27H56	000593-49-7	87





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Operator : SJ/JU
Sample : I4302-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4D12

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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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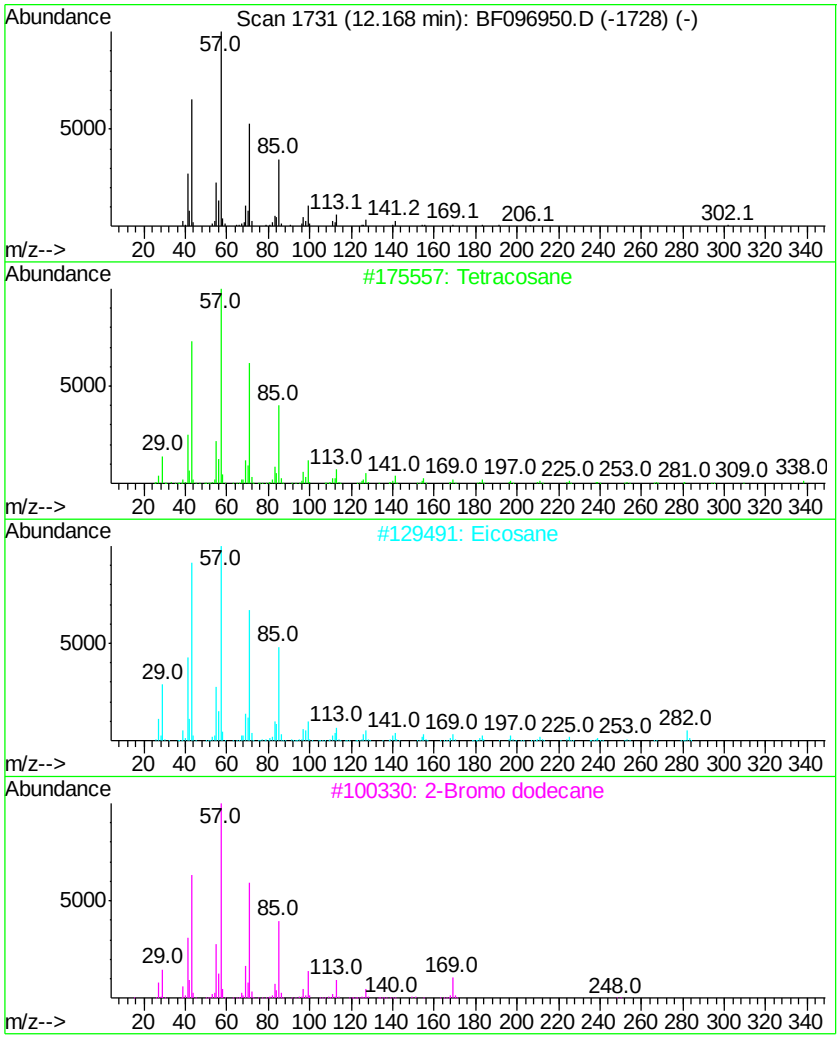
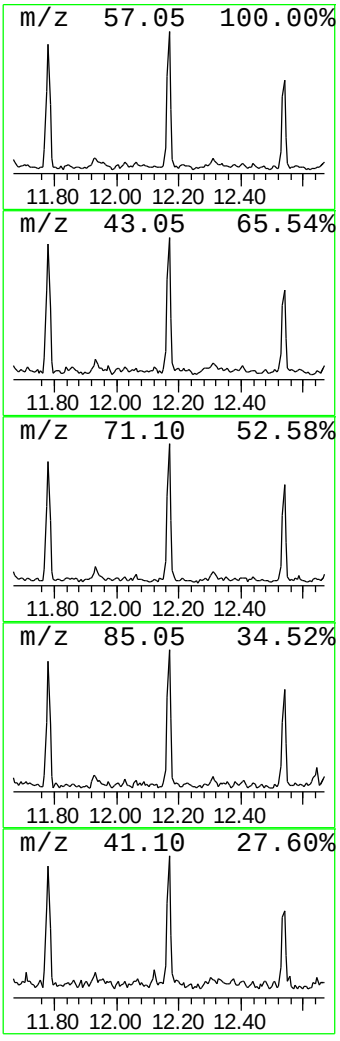
Peak Number 15 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	3.33 ng	136206	Phenanthrene-d10	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Eicosane	282	C20H42	000112-95-8	90
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90





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Acq On : 21 Jul 2017 18:06
Operator : SJ/JU
Sample : I4302-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4D12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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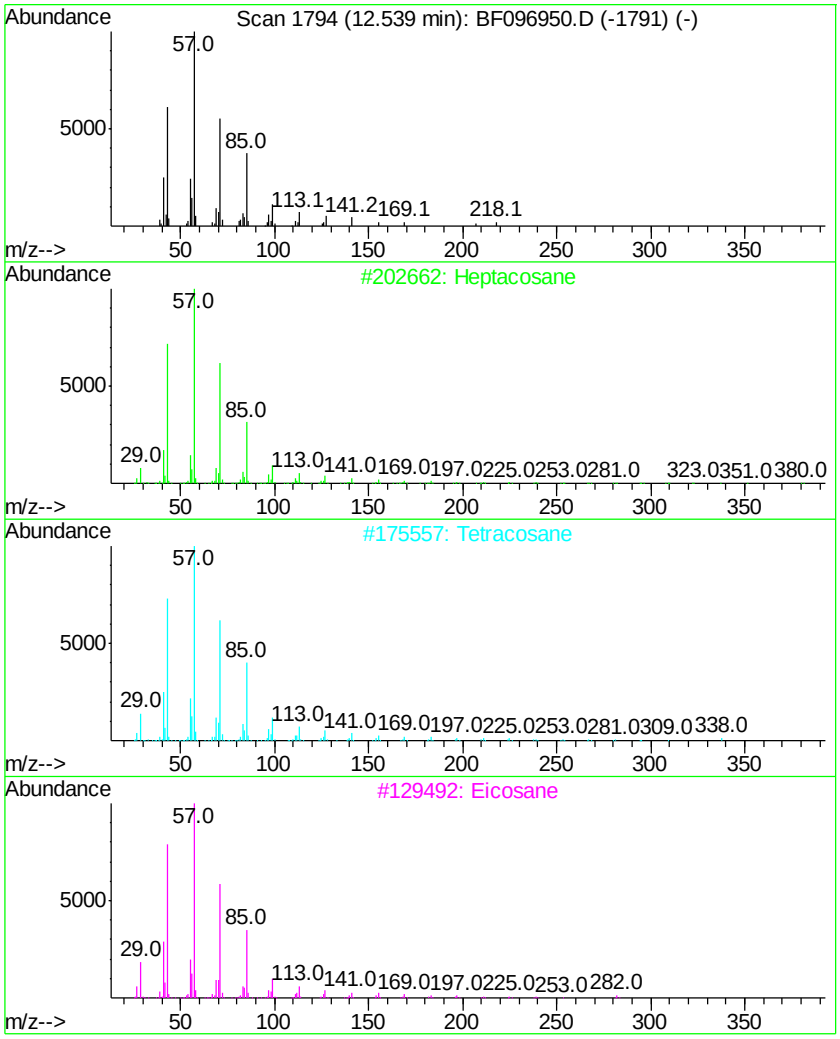
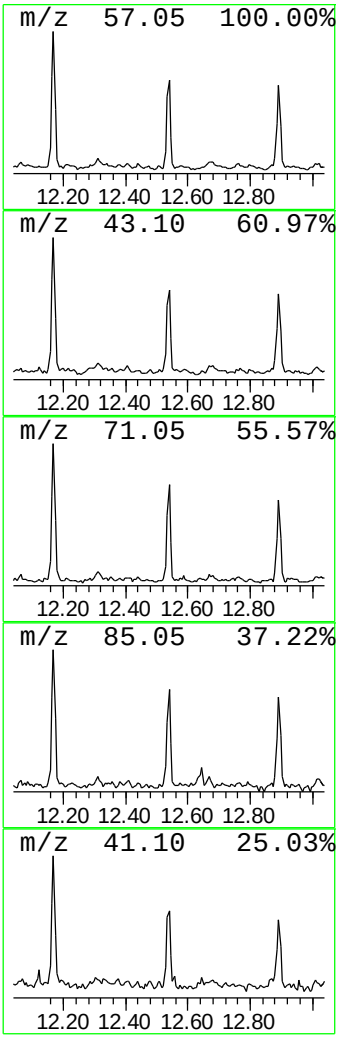
Peak Number 16 Heptacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	2.54 ng	86682	Chrysene-d12	13.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Pentacosane	352	C25H52	000629-99-2	90
5	Octacosane	394	C28H58	000630-02-4	87





Library Search Compound Report

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Acq On : 21 Jul 2017 18:06
Operator : SJ/JU
Sample : I4302-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4D12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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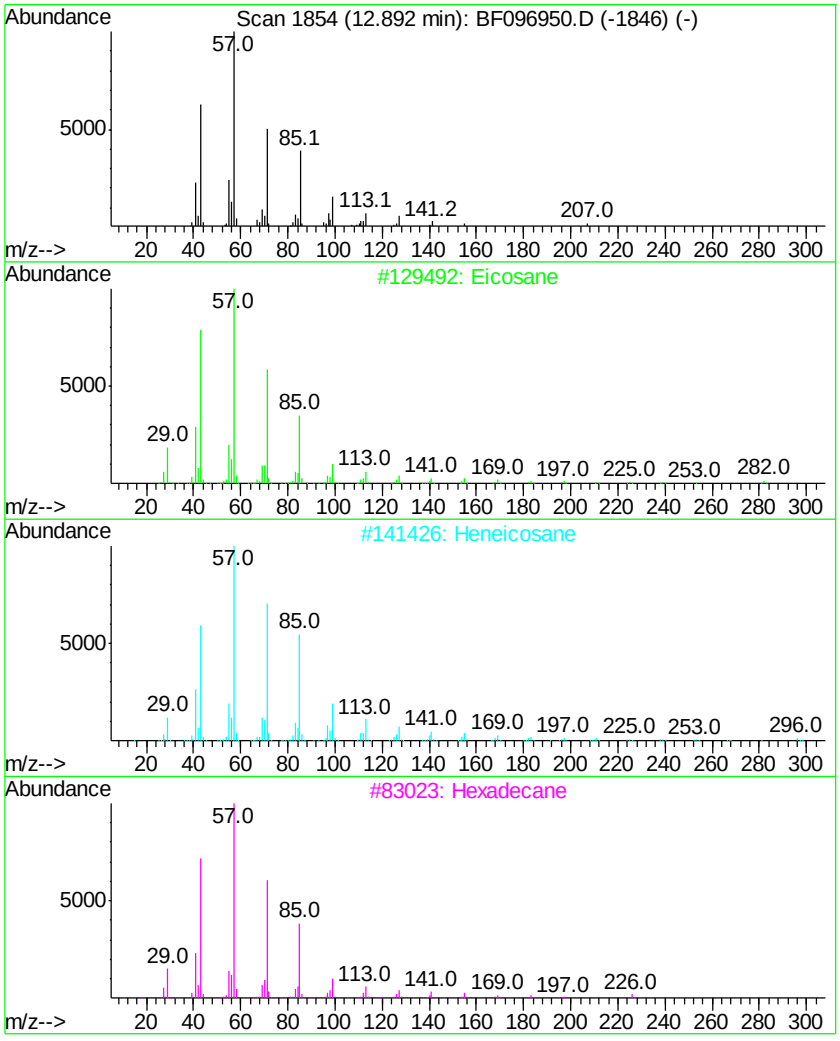
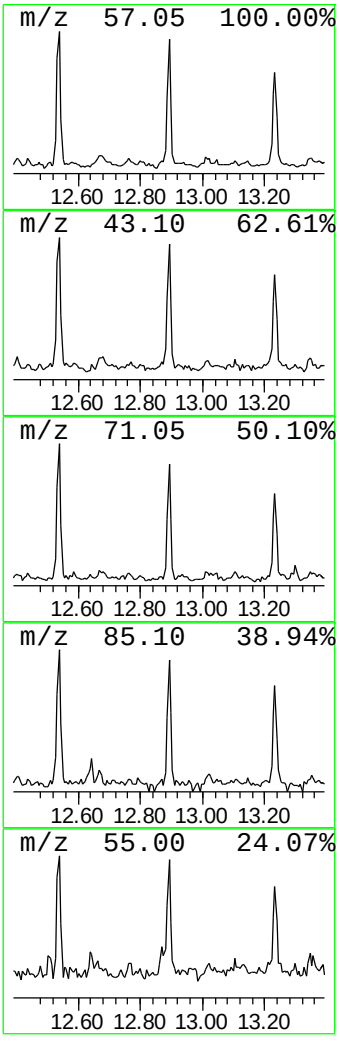
Peak Number 17 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	2.91 ng	99214	Chrysene-d12	13.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexadecane	226	C16H34	000544-76-3	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Heptadecane	240	C17H36	000629-78-7	86





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4D12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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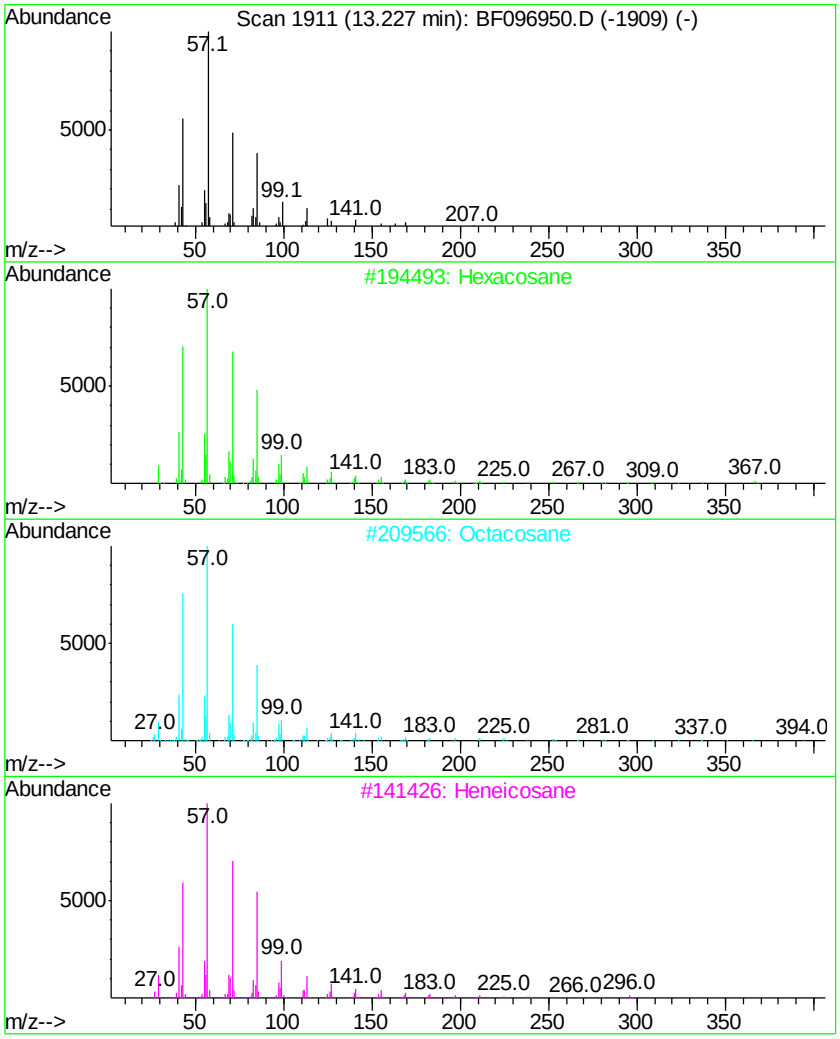
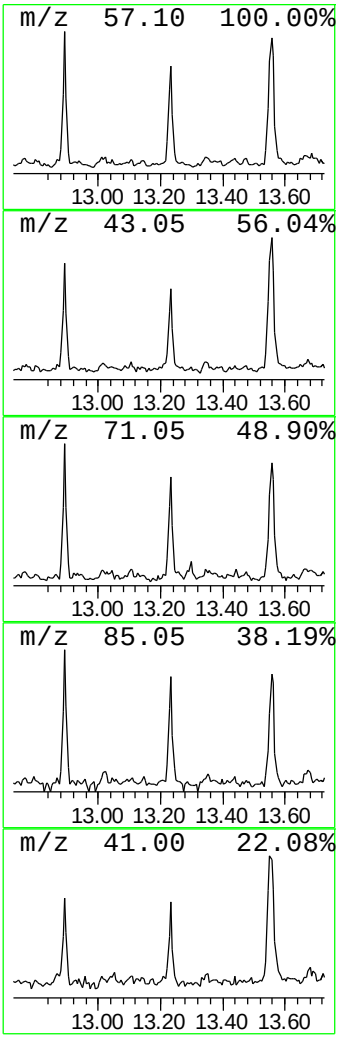
Peak Number 18 Hexacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.21 ng	75344	Chrysene-d12	13.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	Pentacosane	352	C25H52	000629-99-2	86





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Operator : SJ/JU
Sample : I4302-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4D12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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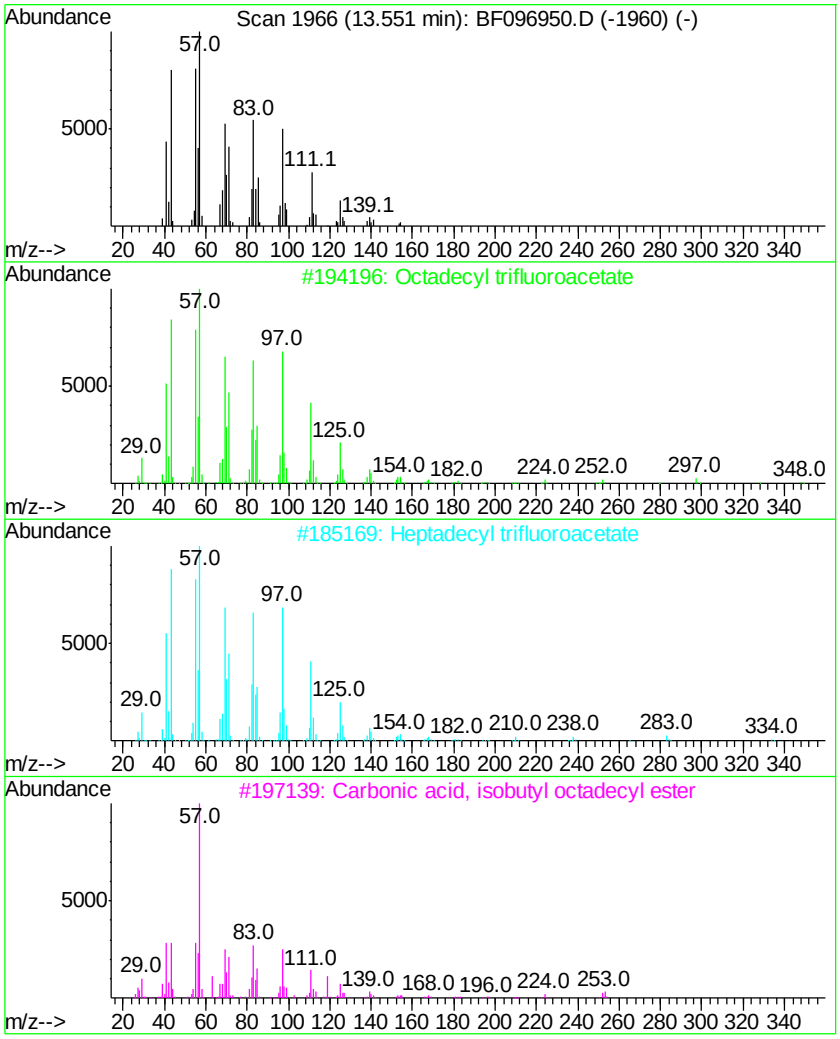
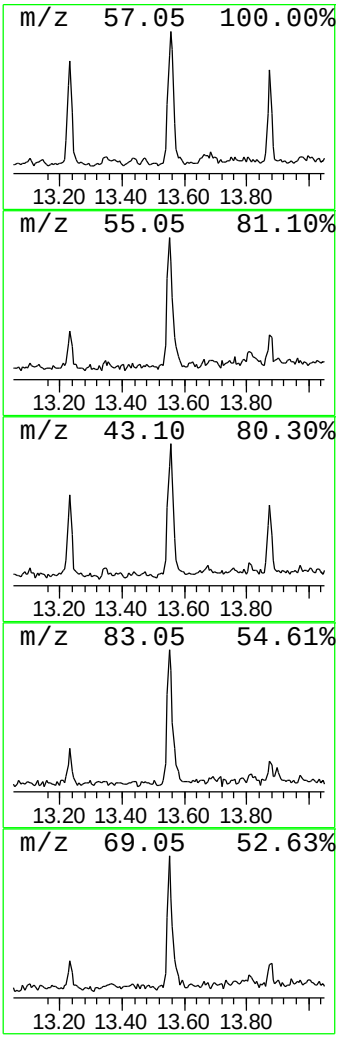
Peak Number 19 Octadecyl trifluoroacetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	6.46 ng	220373	Chrysene-d12	13.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	91
4	Octacosanol	410	C28H58O	000557-61-9	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87





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Operator : SJ/JU
Sample : I4302-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4D12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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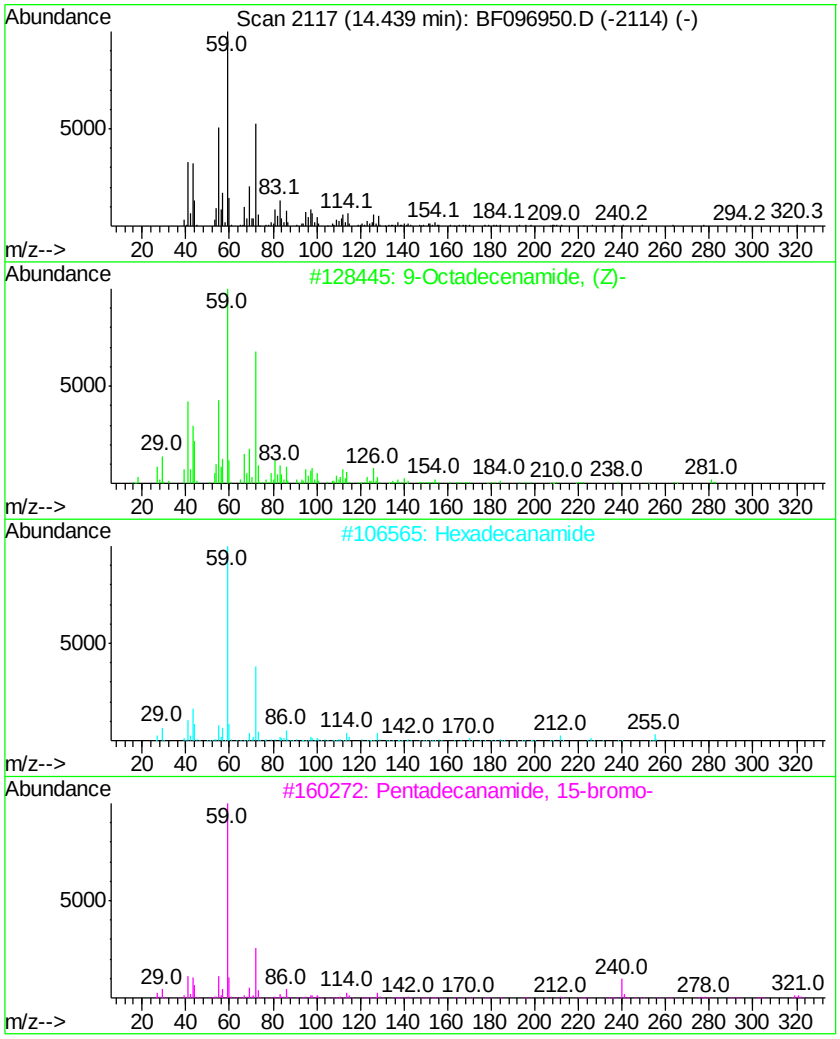
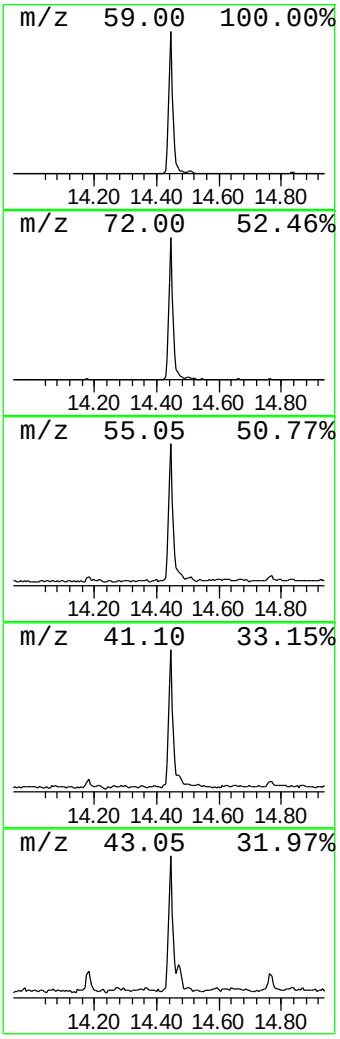
Peak Number 20 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	23.16 ng	740991	Perylene-d12	15.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	Hexadecanamide	255	C16H33NO	000629-54-9	59
3	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	59
4	Octadecanamide	283	C18H37NO	000124-26-5	59
5	Tetradecanamide	227	C14H29NO	000638-58-4	53





Tentatively Identified Compound (LSC) summary

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Data File : BF096950.D
Acq On : 21 Jul 2017 18:06
Operator : SJ/JU
Sample : I4302-03
Misc :
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Instrument : BNA_F
ClientSampleId : SB-4D12

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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
Hexane, 2,4-dimet...	4.09	2.5	ng	93185	1	6.55	759389	20.0
2-Pentanone, 4-hy...	4.72	10.7	ng	405752	1	6.55	759389	20.0
Nonane	5.46	4.0	ng	152314	1	6.55	759389	20.0
unknown6.33	6.33	69.1	ng	2624460	1	6.55	759389	20.0
Decane	6.40	5.3	ng	201339	1	6.55	759389	20.0
Sulfurous acid, h...	7.17	5.7	ng	215373	1	6.55	759389	20.0
Hexadecane	8.45	3.5	ng	213751	2	7.83	1225050	20.0
Tetradecane	9.01	3.9	ng	186109	3	9.58	945608	20.0
Pentadecane	10.03	4.5	ng	212835	3	9.58	945608	20.0
Heptadecane	10.95	4.6	ng	186931	4	11.06	819169	20.0
Eicosane	11.37	3.6	ng	149494	4	11.06	819169	20.0
Heneicosane	11.78	2.7	ng	112071	4	11.06	819169	20.0
Tetracosane	12.17	3.3	ng	136206	4	11.06	819169	20.0
Heptacosane	12.54	2.5	ng	86682	5	13.68	682540	20.0
Octadecane	12.89	2.9	ng	99214	5	13.68	682540	20.0
Hexacosane	13.23	2.2	ng	75344	5	13.68	682540	20.0
Octadecyl trifluo...	13.55	6.5	ng	220373	5	13.68	682540	20.0
9-Octadecenamide,...	14.44	23.2	ng	740991	6	15.04	639824	20.0