LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088400.D
Acq On : 26 Jun 2016 4:36
Operator : UM/SJ
Sample : H3768-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1GW

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-BF060716.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	1.701	9	10	42	rVB	421460	1012772	14.03%	0.743%
2	2.707	92	98	102	rVB	44515	92637	1.28%	0.068%
3	2.947	114	119	124	rVB2	22387	77182	1.07%	0.057%
4	3.118	124	134	137	rBV2	39560	125258	1.74%	0.092%
5	3.347	151	154	159	rVB2	27490	74481	1.03%	0.055%
6	3.473	159	165	170	rBV3	42819	124584	1.73%	0.091%
7	3.690	179	184	188	rBV2	65958	192507	2.67%	0.141%
8	3.758	188	190	194	rVB	47647	101461	1.41%	0.074%
9	3.941	201	206	212	rBV2	343597	800372	11.09%	0.587%
10	4.067	212	217	221	rVB	131936	262330	3.63%	0.192%
11	4.158	221	225	226	rBV	57588	94282	1.31%	0.069%
12	4.261	232	234	238	rVB2	51493	124973	1.73%	0.092%
13	4.341	238	241	243	rBV	172282	268695	3.72%	0.197%
14	4.433	246	249	250	rBV	127437	185967	2.58%	0.136%
15	4.467	250	252	254	rBV	533944	820161	11.36%	0.601%
16	4.570	257	261	263	rVB2	476090	858376	11.89%	0.629%
17	4.638	263	267	269	rBV	1483463	2129438	29.50%	1.561%
18	4.684	269	271	272	rVB	201586	193089	2.67%	0.142%
19	4.707	272	273	276	rVB3	247208	368416	5.10%	0.270%
20	4.787	278	280	283	rVB	511769	602298	8.34%	0.442%
21	4.867	284	287	289	rBV2	1216325	1897947	26.29%	1.392%
22	4.924	289	292	295	rVB4	287407	708537	9.82%	0.520%
23	4.981	295	297	298	rBV	227750	300753	4.17%	0.221%
24	5.004	298	299	302	rVB2	132882	167572	2.32%	0.123%
25	5.061	302	304	305	rBV	393144	496936	6.88%	0.364%
26	5.096	305	307	308	rBV	296497	362568	5.02%	0.266%
27	5.141	308	311	312	rBV2	612015	595571	8.25%	0.437%
28	5.176	312	314	317	rVB2	755686	1010807	14.00%	0.741%
29	5.221	317	318	320	rVB	118210	127259	1.76%	0.093%
30	5.267	320	322	325	rBV	1240161	2242643	31.07%	1.644%
31	5.324	325	327	328	rVB	1166490	1390639	19.26%	1.020%
32	5.370	328	331	335	rVB2	1148878	2374092	32.89%	1.741%
33	5.438	335	337	341	rBV	698453	1006395	13.94%	0.738%
34	5.541	341	346	348	rBV2	1807060	3326689	46.08%	2.439%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : B1GW

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-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	5.587	348	350	353	rBV2	251030	709855	9.83%	0.520%
36	5.690	356	359	362	rVB3	1374794	2701342	37.42%	1.981%
37	5.759	362	365	366	rBV2	757568	1290527	17.88%	0.946%
38	5.816	366	370	373	rBV3	1847653	4781970	66.24%	3.506%
39	5.873	373	375	383	rVB3	2185785	7218704	100.00%	5.293%
40	6.010	383	387	391	rBV3	1391947	3833220	53.10%	2.811%
41	6.090	391	394	399	rBV4	2058242	6417861	88.91%	4.706%
42	6.170	399	401	403	rBV	577771	830782	11.51%	0.609%
43	6.227	403	406	408	rBV3	1204493	2722574	37.72%	1.996%
44	6.341	411	416	421	rBV6	1719887	7160271	99.19%	5.250%
45	6.421	421	423	428	rVB2	826606	1879862	26.04%	1.378%
46	6.536	428	433	437	rBV6	911419	4075019	56.45%	2.988%
47	6.627	437	441	444	rVV	1261735	3377036	46.78%	2.476%
48	6.753	448	452	456	rVB4	1064375	3577274	49.56%	2.623%
49	6.867	457	462	467	rBV6	898965	3002587	41.59%	2.202%
50	6.981	469	472	478	rVB5	1268859	3642350	50.46%	2.671%
51	7.141	482	486	492	rVB7	1045672	3761029	52.10%	2.758%
52	7.256	492	496	498	rBV3	998917	2212264	30.65%	1.622%
53	7.336	499	503	506	rBV3	668040	2323281	32.18%	1.703%
54	7.404	506	509	513	rVB3	1343211	3299351	45.71%	2.419%
55	7.519	516	519	523	rBV5	1087202	2997126	41.52%	2.198%
56	7.713	534	536	539	rVB3	662100	1133124	15.70%	0.831%
57	7.884	546	551	553	rBV4	941266	3192066	44.22%	2.340%
58	8.090	565	569	570	rBV3	659381	1868380	25.88%	1.370%
59	8.342	588	591	595	rBV	1304390	3212034	44.50%	2.355%
60	8.639	615	617	618	rBV2	465202	725680	10.05%	0.532%
61	8.936	639	643	646	rVB2	1433437	3455370	47.87%	2.534%
62	9.073	651	655	656	rBV2	696157	1836266	25.44%	1.346%
63	9.165	661	663	665	rVB4	630474	693022	9.60%	0.508%
64	9.382	678	682	685	rVB2	1374342	2454512	34.00%	1.800%
65	9.542	694	696	697	rVB	583587	515344	7.14%	0.378%
66	9.610	700	702	705	rVB3	789581	1365377	18.91%	1.001%
67	9.667	705	707	708	rBV	386367	390138	5.40%	0.286%
68	9.782	715	717	719	rBV3	392298	772456	10.70%	0.566%
69	9.827	719	721	724	rVV3	938920	1406847	19.49%	1.032%
70	9.885	724	726	729	rVB3	1149024	1379135	19.11%	1.011%
71	9.942	729	731	733	rVB2	661489	732655	10.15%	0.537%

LSC Area Percent Report

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Misc :
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.045	738	740	741	rVV	457190	432422	5.99%	0.317%
73	10.079	741	743	744	rVV2	347304	524410	7.26%	0.385%
74	10.182	748	752	753	rBV3	433385	1073365	14.87%	0.787%
75	10.285	758	761	762	rVB	1629132	2384724	33.04%	1.749%
76	10.319	762	764	766	rVB2	351358	553315	7.67%	0.406%
77	10.388	768	770	773	rVB2	422500	726701	10.07%	0.533%
78	10.548	780	784	786	rBV	1747719	2801472	38.81%	2.054%
79	10.845	808	810	813	rBV3	337281	447482	6.20%	0.328%
80	10.993	820	823	826	rVB	1449516	1888087	26.16%	1.384%
81	11.039	826	827	829	rBV2	201896	213546	2.96%	0.157%
82	11.336	851	853	857	rVB	477905	614926	8.52%	0.451%
83	11.531	868	870	871	rBV	105796	103867	1.44%	0.076%
84	11.839	896	897	899	rVB	131233	132002	1.83%	0.097%
85	12.056	914	916	919	rVB	134530	216711	3.00%	0.159%
86	12.113	919	921	928	rVB4	101810	207613	2.88%	0.152%
87	12.273	933	935	939	rVB	143464	212763	2.95%	0.156%
88	12.502	953	955	959	rVB	105192	145602	2.02%	0.107%
89	12.651	966	968	973	rBV	1338246	1362536	18.88%	0.999%
90	13.691	1057	1059	1063	rBV	348153	479259	6.64%	0.351%
91	15.051	1176	1178	1187	rVB	211010	400397	5.55%	0.294%

Sum of corrected areas: 136385578

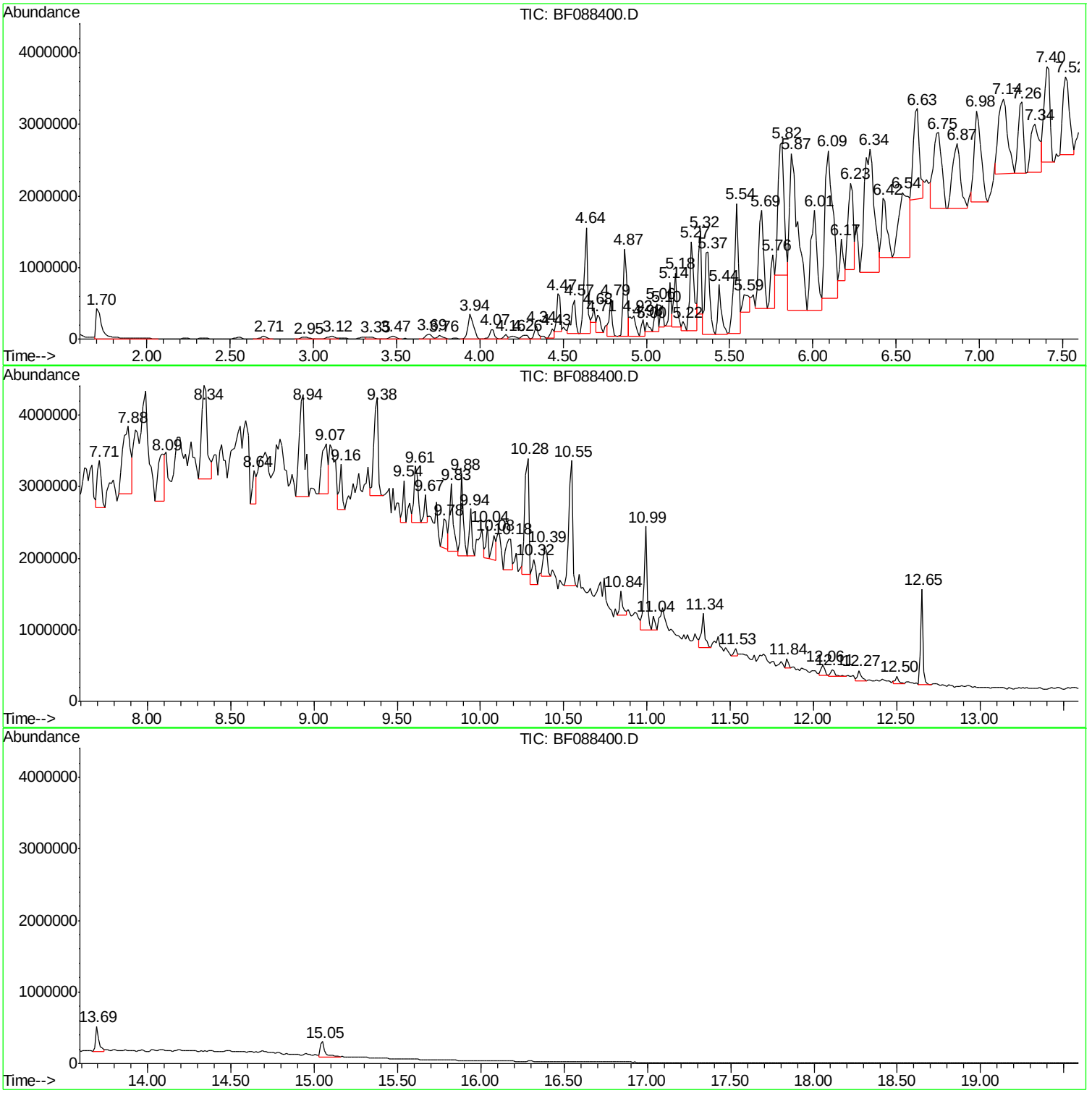
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088400.D
Acq On : 26 Jun 2016 4:36
Operator : UM/SJ
Sample : H3768-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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\BF062516\
Data File : BF088400.D
Acq On : 26 Jun 2016 4:36
Operator : UM/SJ
Sample : H3768-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

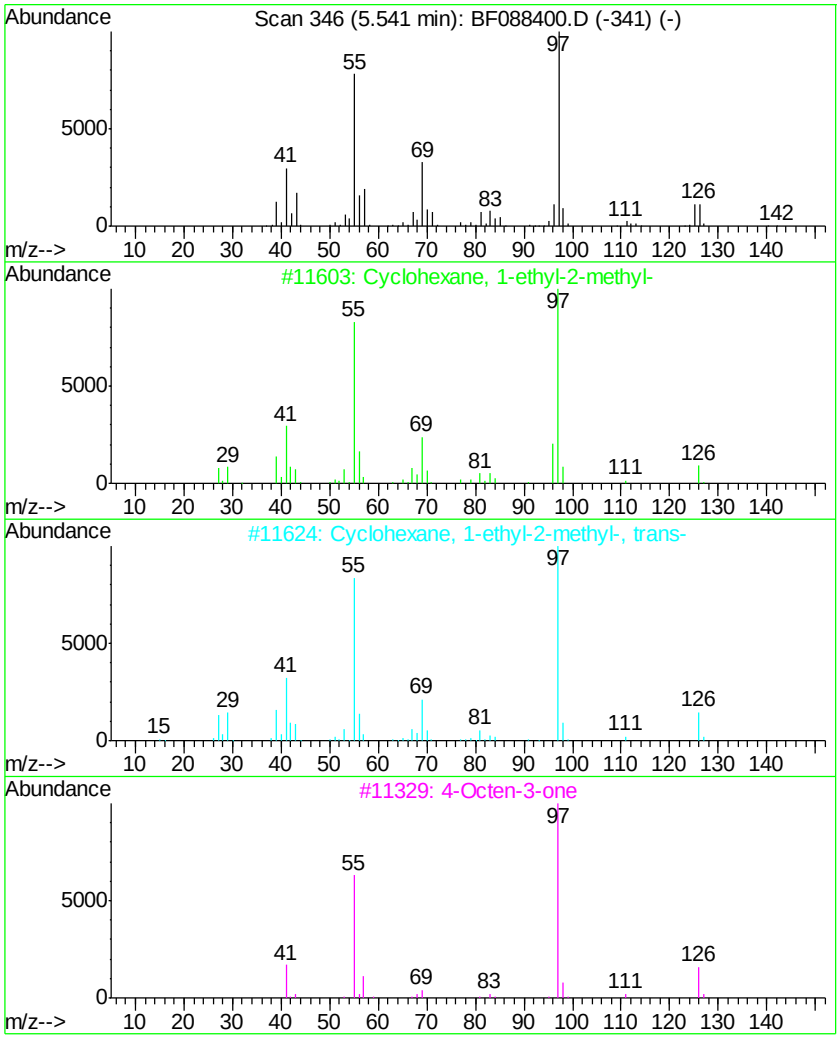
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

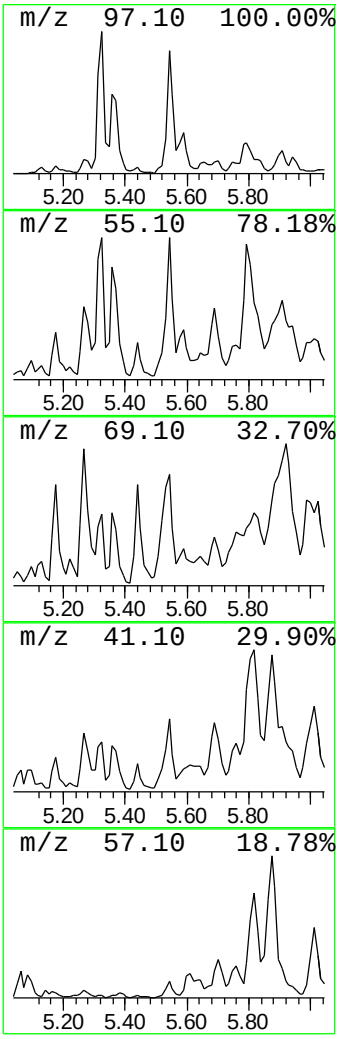
****

Peak Number 1 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	19.70 ng	3326690	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
2	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	81
3	4-Octen-3-one	126	C8H14O	014129-48-7	72
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088400.D
Acq On : 26 Jun 2016 4:36
Operator : UM/SJ
Sample : H3768-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

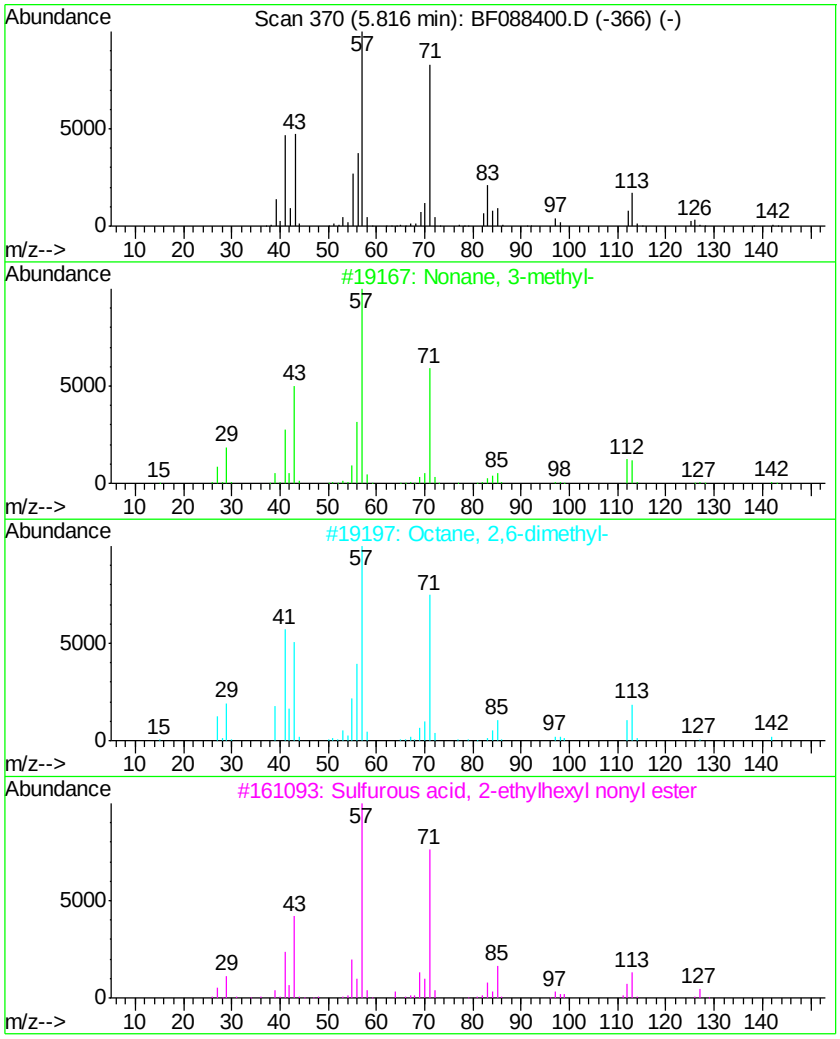
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

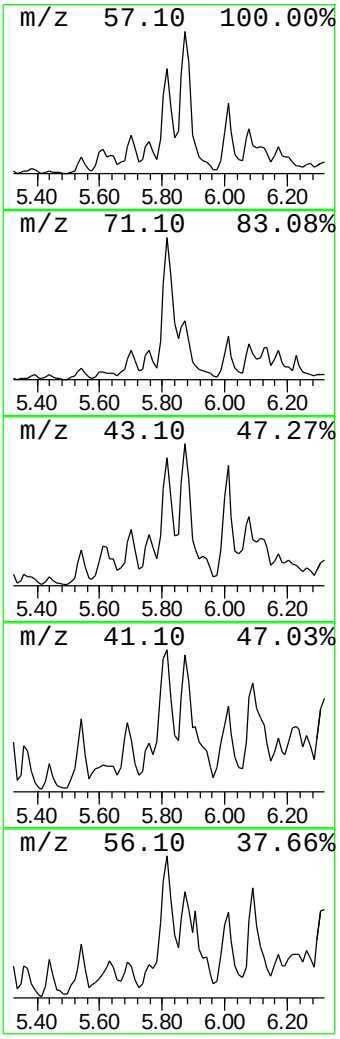
****

Peak Number 2 Nonane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	28.32 ng	4781970	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	81
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	59
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	53
5	Sulfurous acid, butyl pentyl ester	208	C9H20O3S	1000309-17-1	50





Library Search Compound Report

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Sample : H3768-03
Misc :
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Instrument : BNA_F
ClientSampleId : B1GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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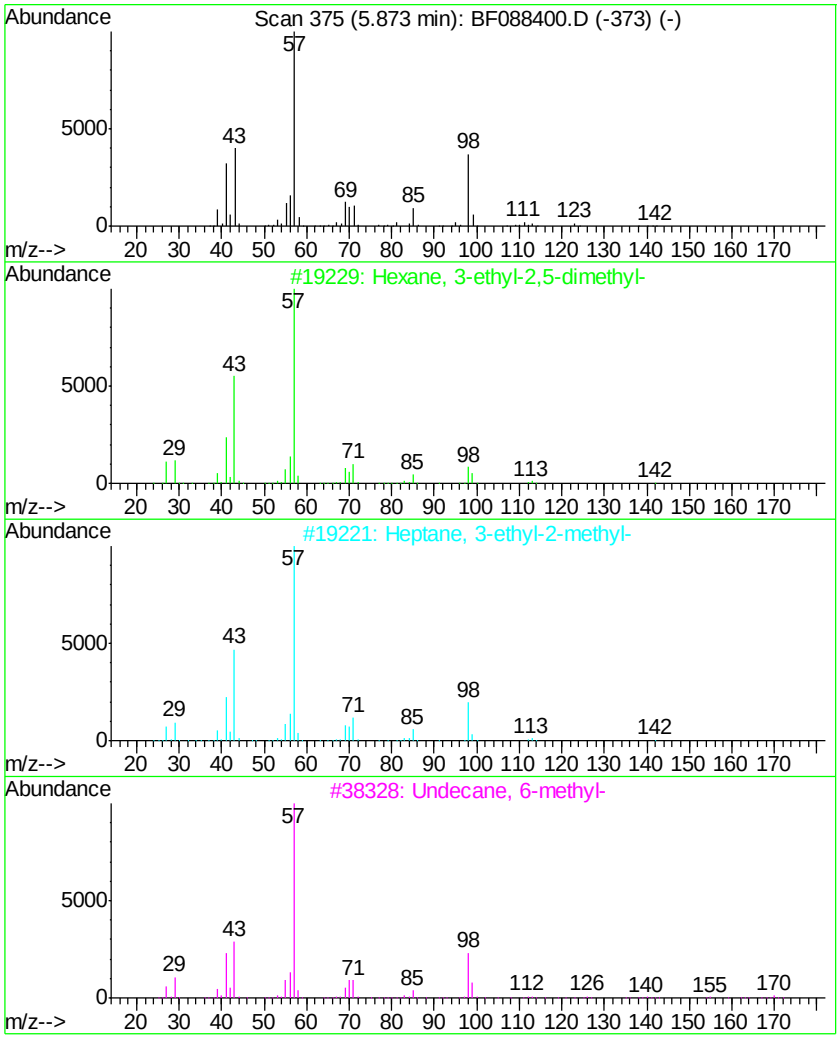
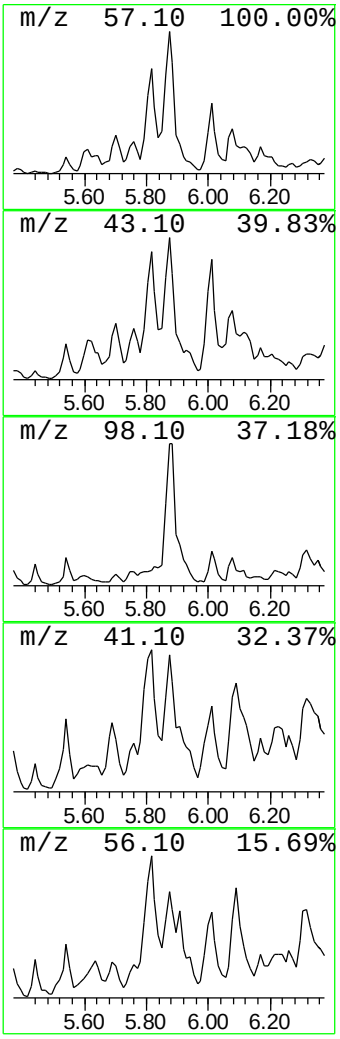
****

Peak Number 3 Hexane, 3-ethyl-2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	42.75 ng	7218700	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	81
2	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	80
3	Undecane, 6-methyl-	170	C12H26	017302-33-9	53
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	47
5	Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088400.D
Acq On : 26 Jun 2016 4:36
Operator : UM/SJ
Sample : H3768-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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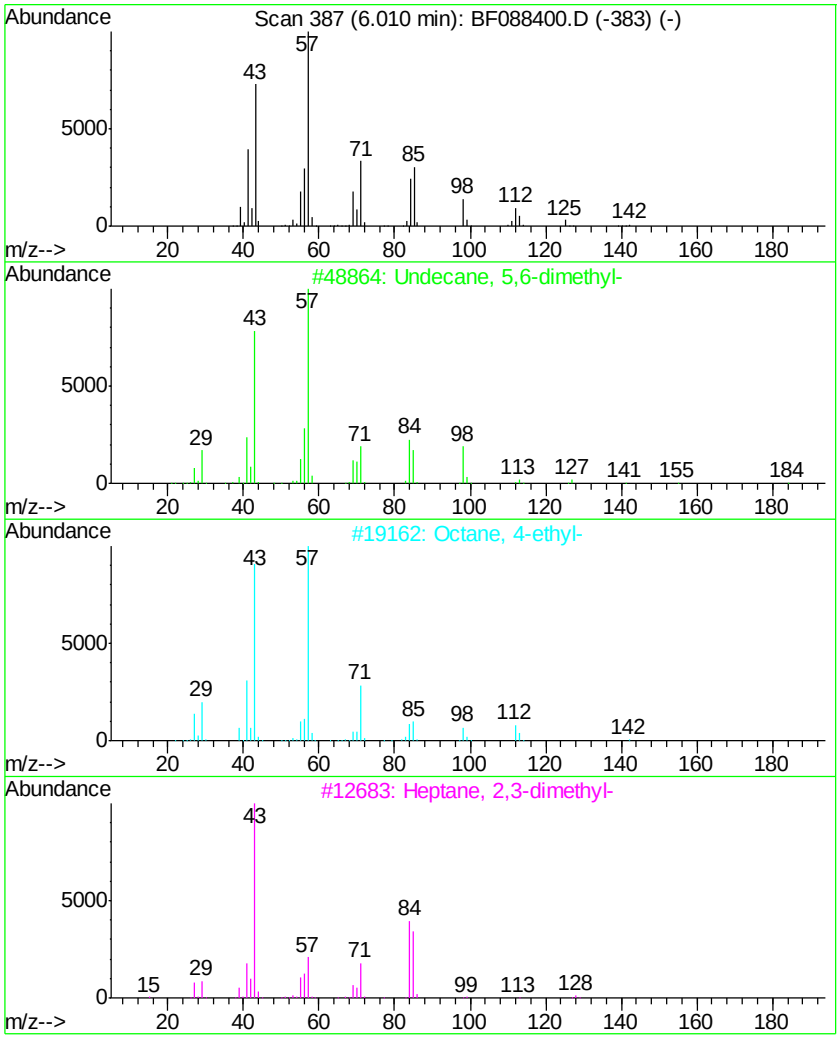
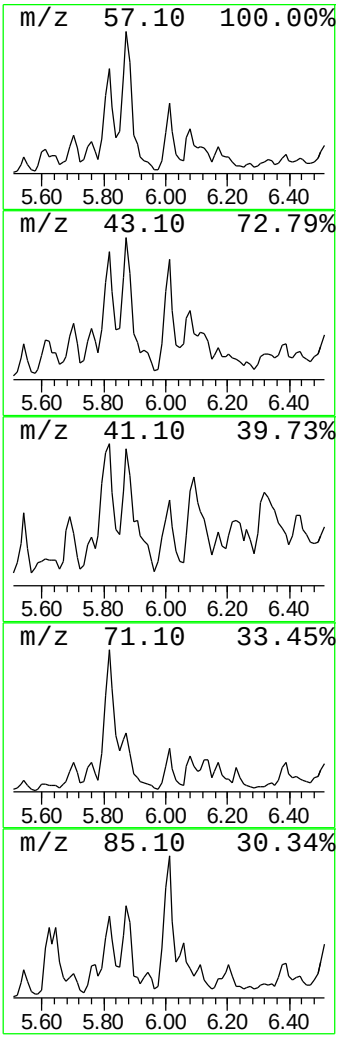
****

Peak Number 4 Undecane, 5,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.01	22.70 ng	3833220	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	58
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	49
4	2,2-Dimethylpropionic acid, 4-me...	186	C11H22O2	150588-62-8	47
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	47





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
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Sample : H3768-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

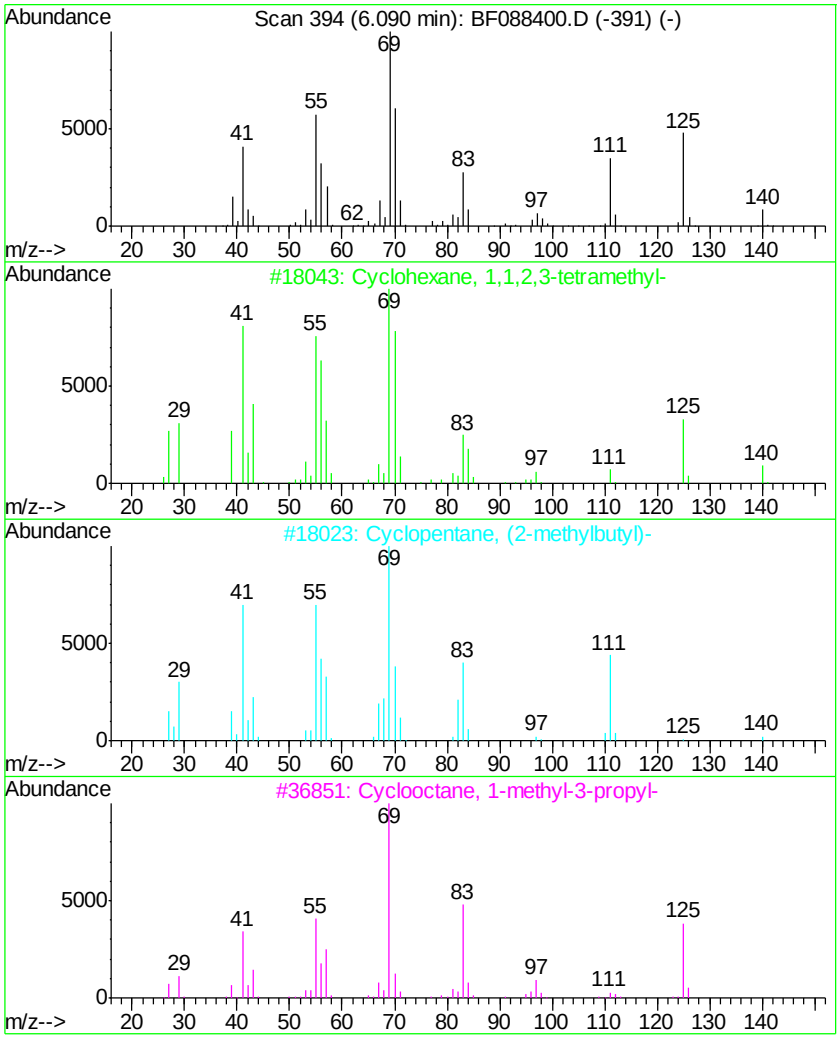
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

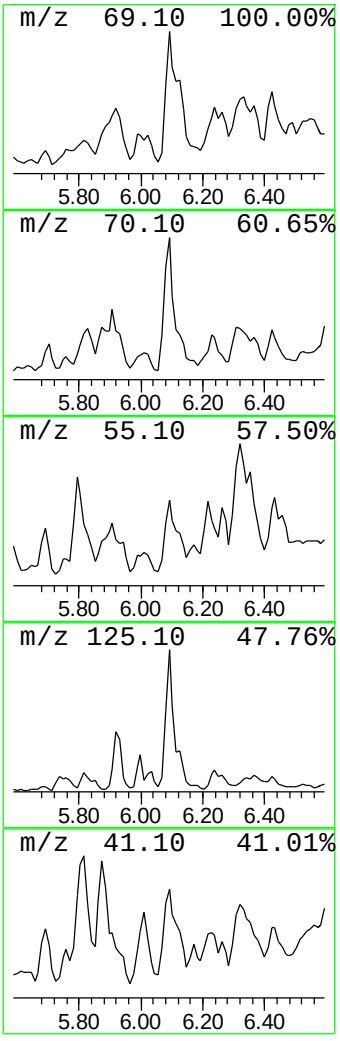
****

Peak Number 5 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	38.01 ng	6417860	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	62
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	53
3	Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	50
4	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	50
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088400.D
Acq On : 26 Jun 2016 4:36
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Sample : H3768-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

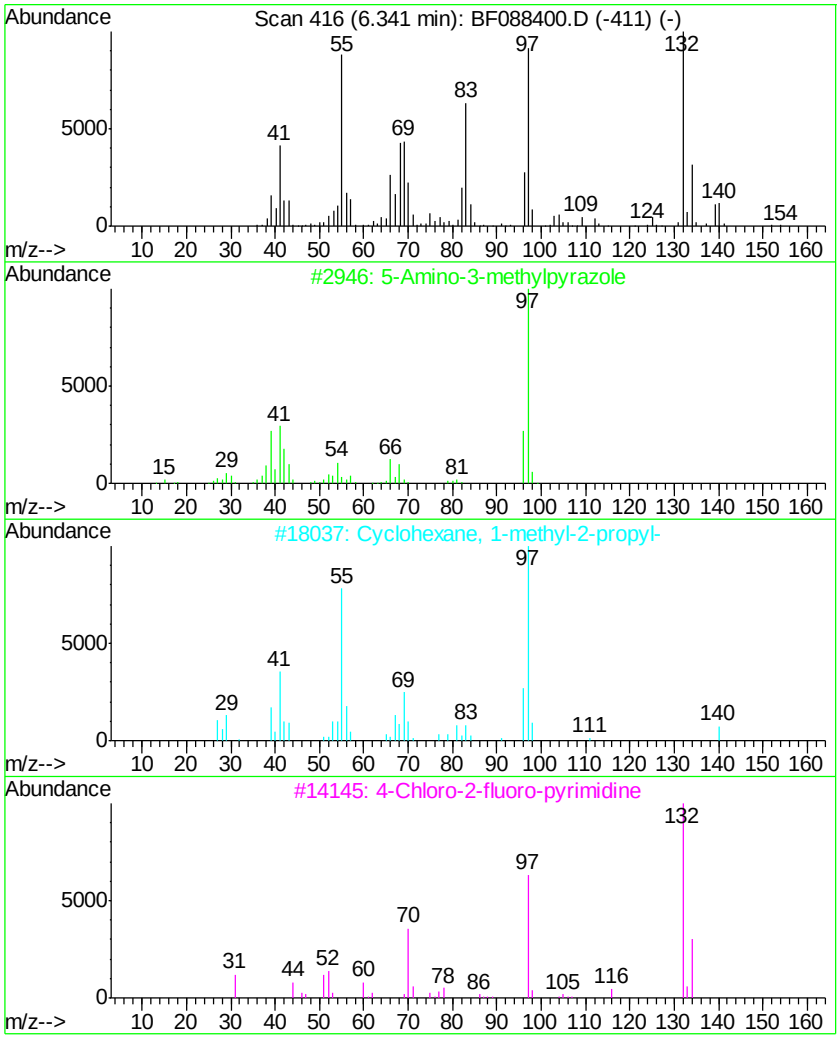
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

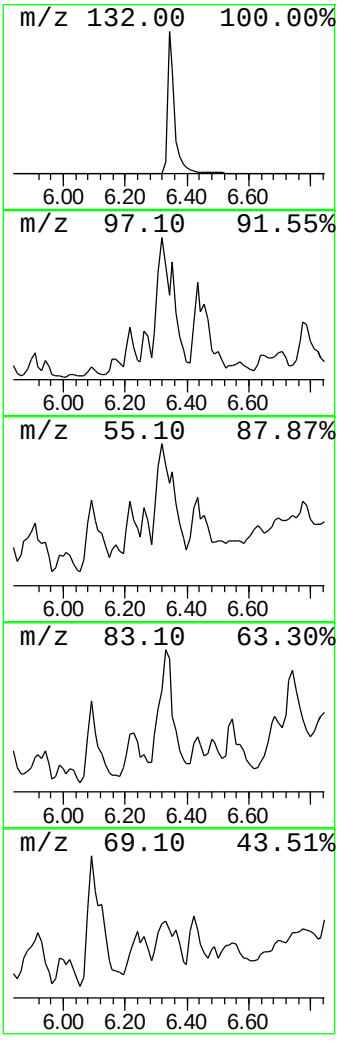
****

Peak Number 6 unknown6.34 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	42.41 ng	7160270	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	38
2	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	35
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	25
4	Cyclopentane, 1-methyl-3-(2-meth...	140	C10H20	029053-04-1	18
5	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	15





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Operator : UM/SJ
Sample : H3768-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1GW

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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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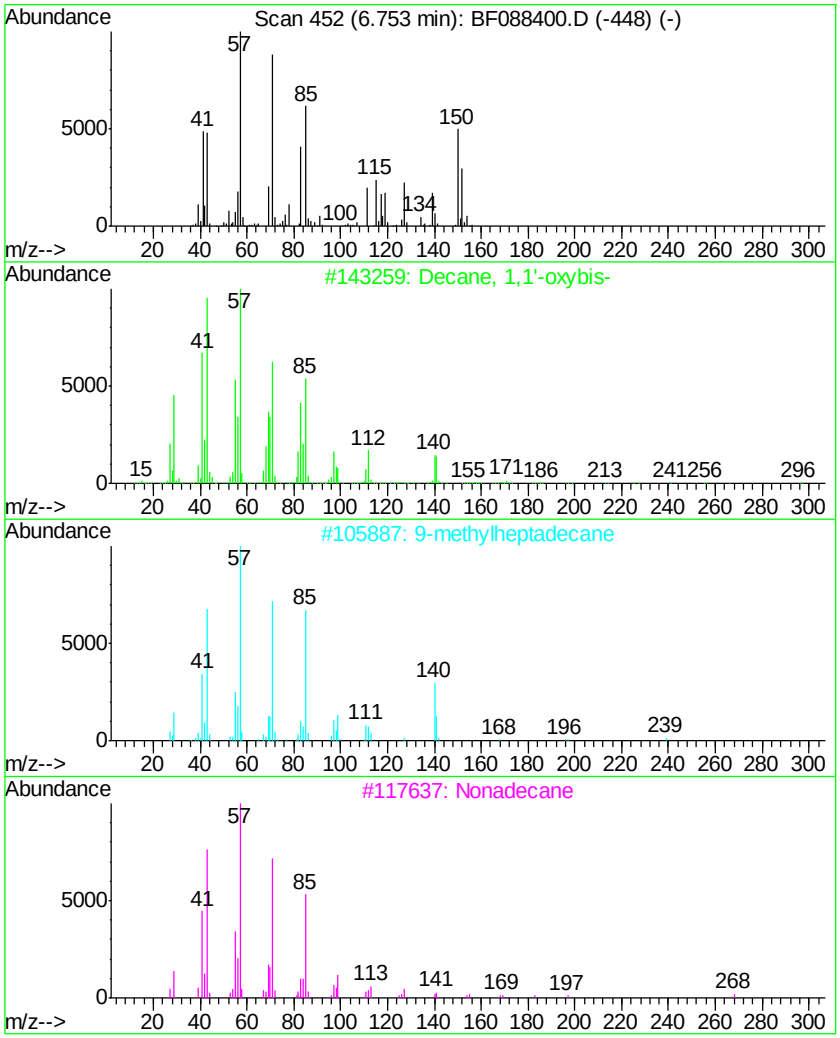
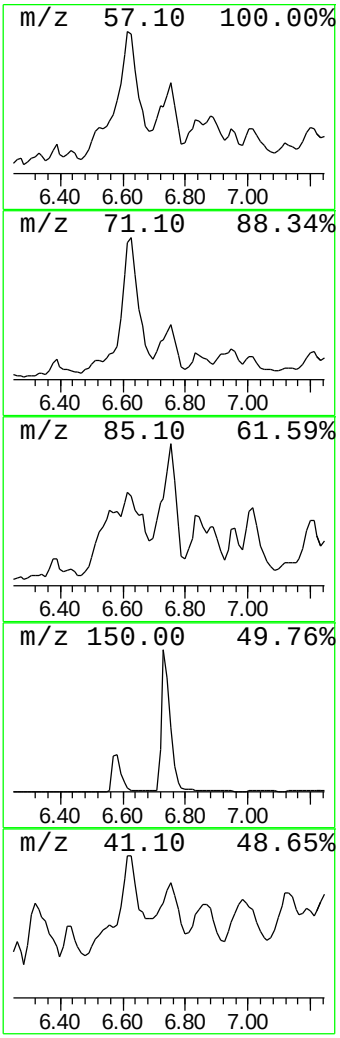
Peak Number 7 unknown6.75 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	21.19 ng	3577270	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	37
2	9-methylheptadecane	254	C18H38	026741-18-4	35
3	Nonadecane	268	C19H40	000629-92-5	35
4	10-Methylnonadecane	282	C20H42	056862-62-5	35
5	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	27





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ClientSampleId : B1GW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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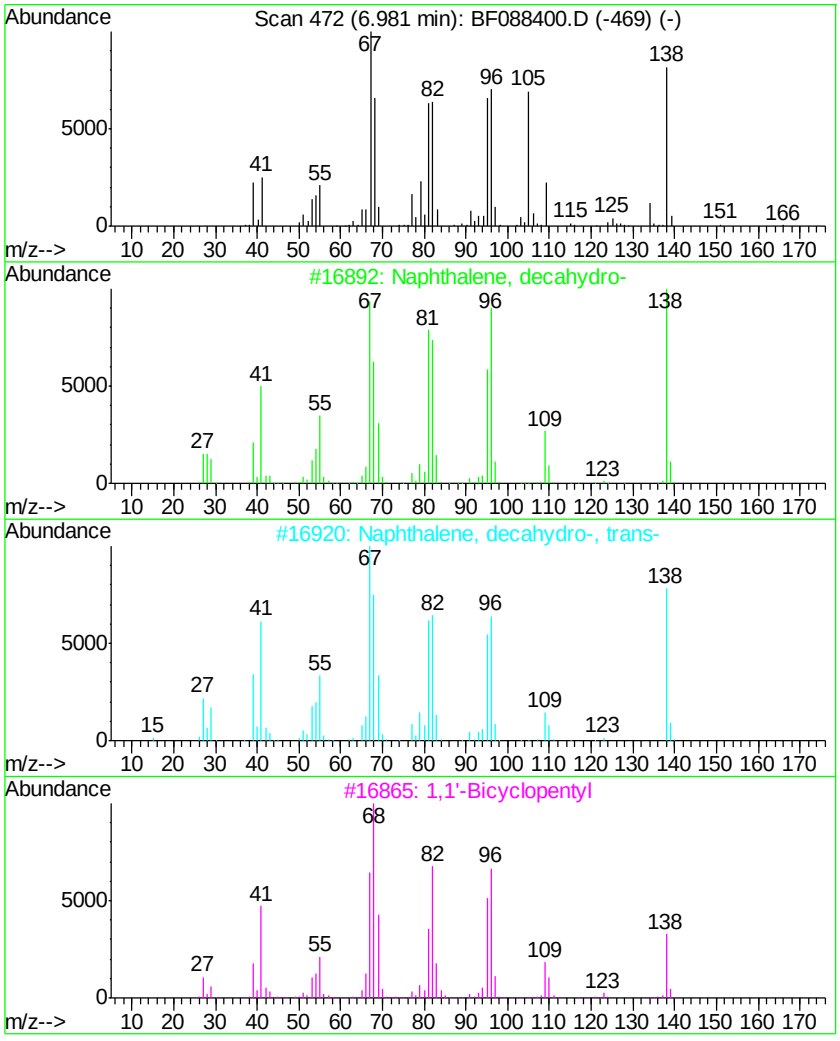
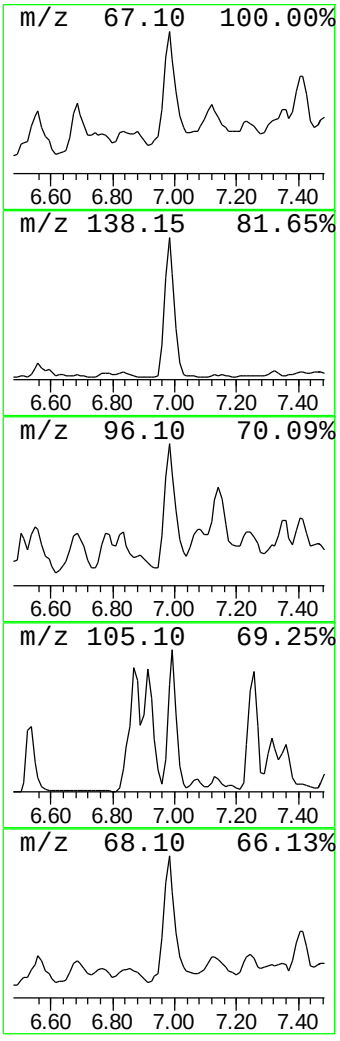
Peak Number 8 Naphthalene, decahydro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	21.57 ng	3642350	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	93
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	86
3	1,1'-Bicyclopentyl	138	C10H18	001636-39-1	72
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	72
5	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	68





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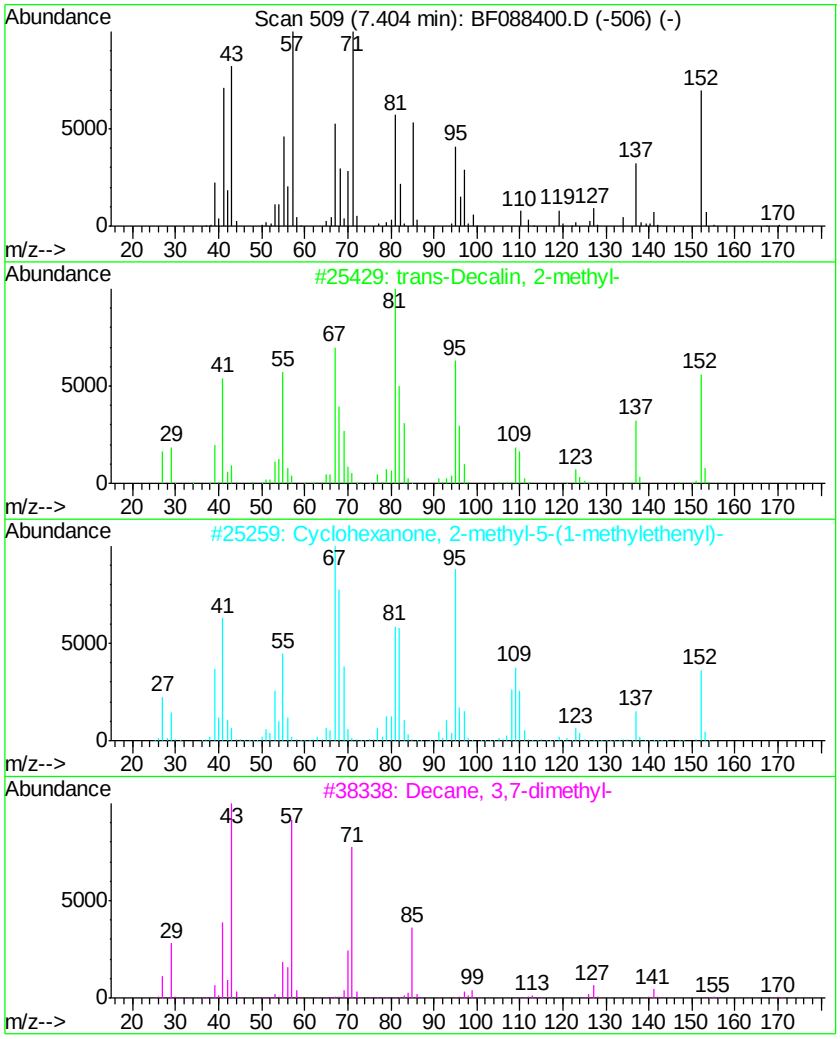
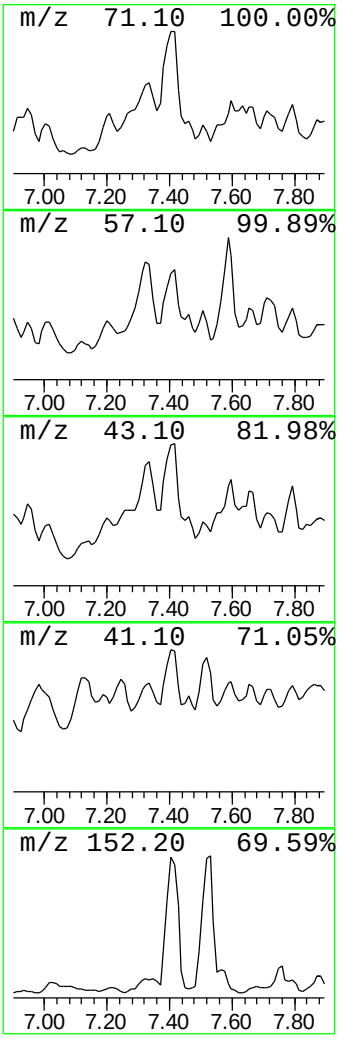
Peak Number 9 unknown7.40 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	20.67 ng	3299350	Naphthalene-d8	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	46
2	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	007764-50-3	43
3	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	42
4	2,7-Octadiene-1,6-diol, 2,6-dime...	170	C10H18O2	103619-06-3	38
5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	35





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TIC Library : C:\Database\NIST11.L
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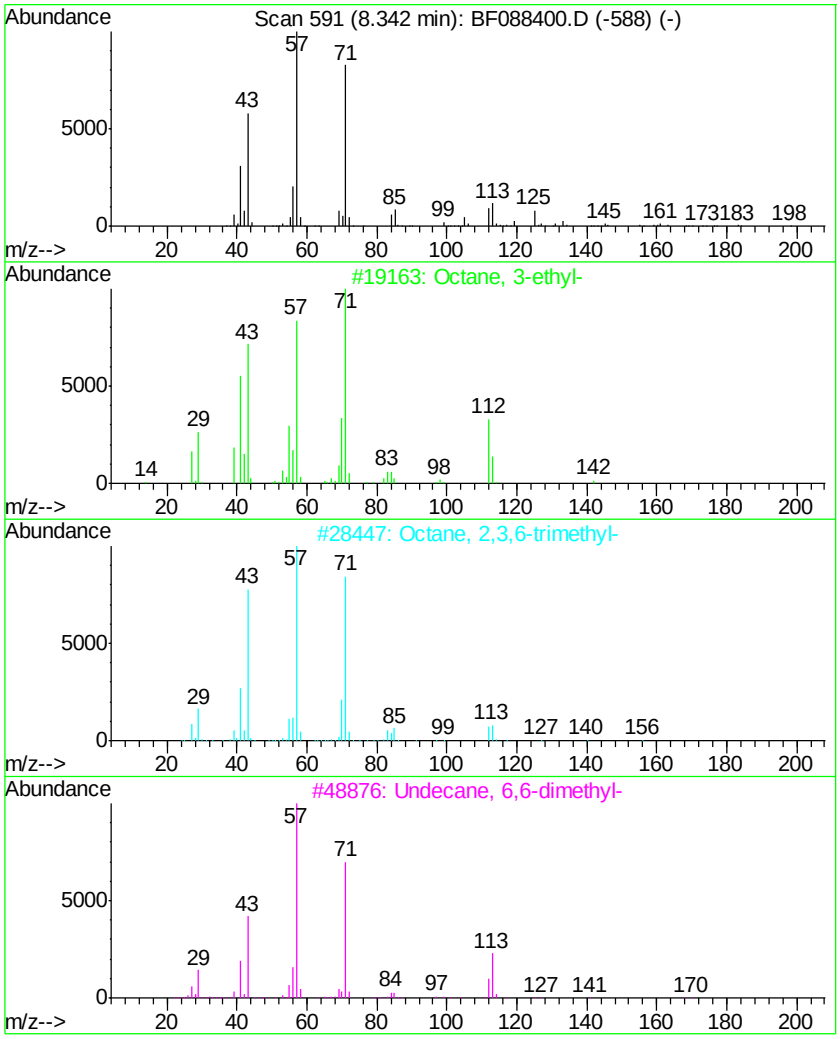
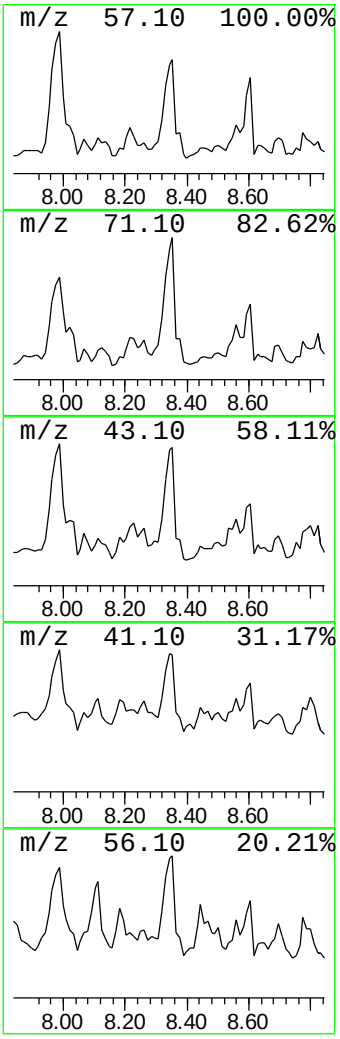
Peak Number 10 Octane, 3-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	20.13 ng	3212030	Naphthalene-d8	7.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-	142	C10H22	005881-17-4	78
2	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	72
3	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
4	2-Bromo-6-methylheptane	192	C8H17Br	004730-24-9	72
5	Decane, 2-methyl-	156	C11H24	006975-98-0	72





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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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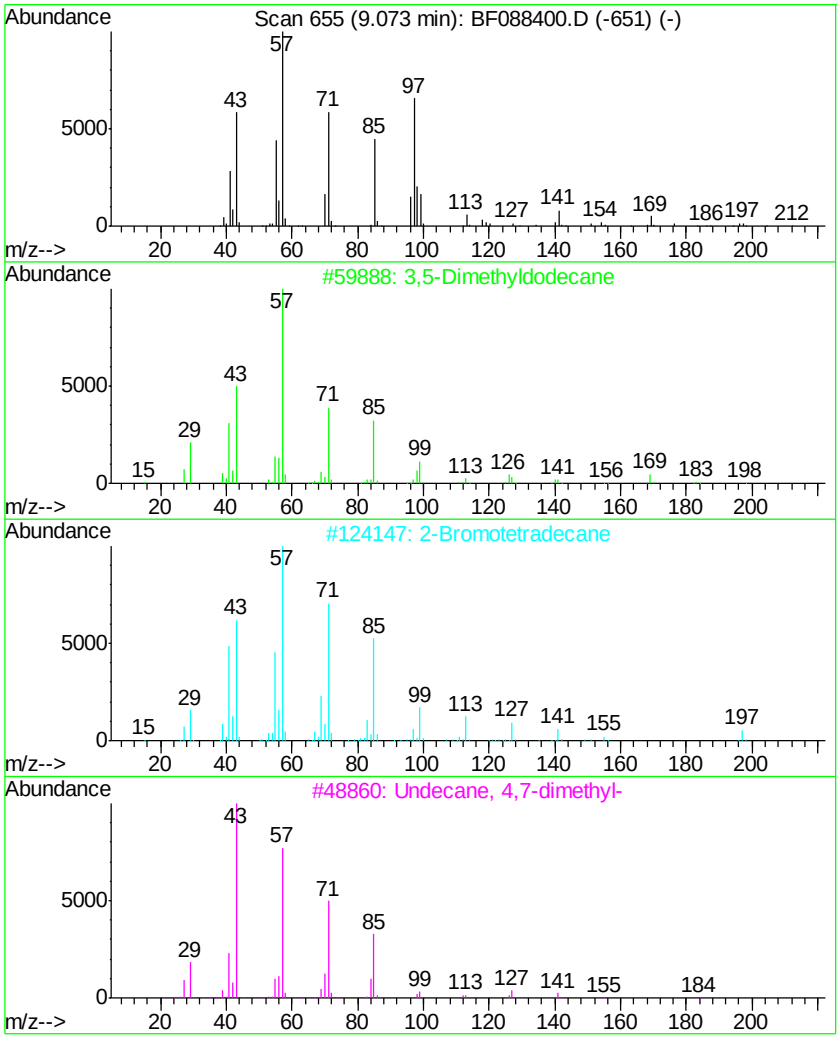
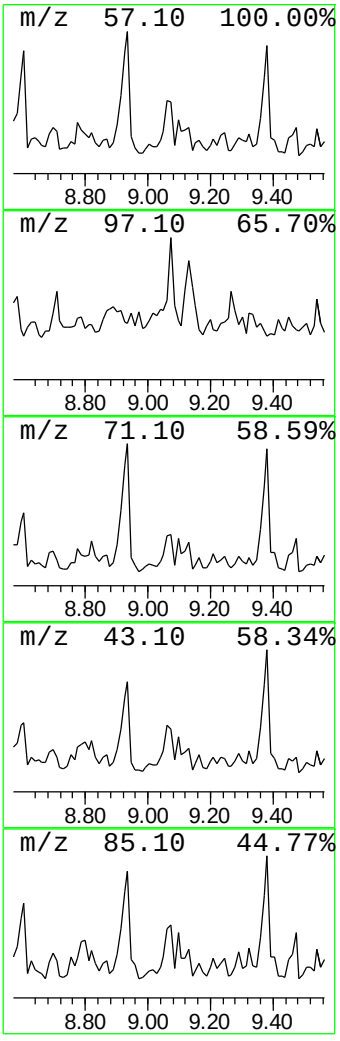
Peak Number 11 3,5-Dimethyldodecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	26.90 ng	1836270	Acenaphthene-d10	9.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	58
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	47
3	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	43
4	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	43
5	Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	38





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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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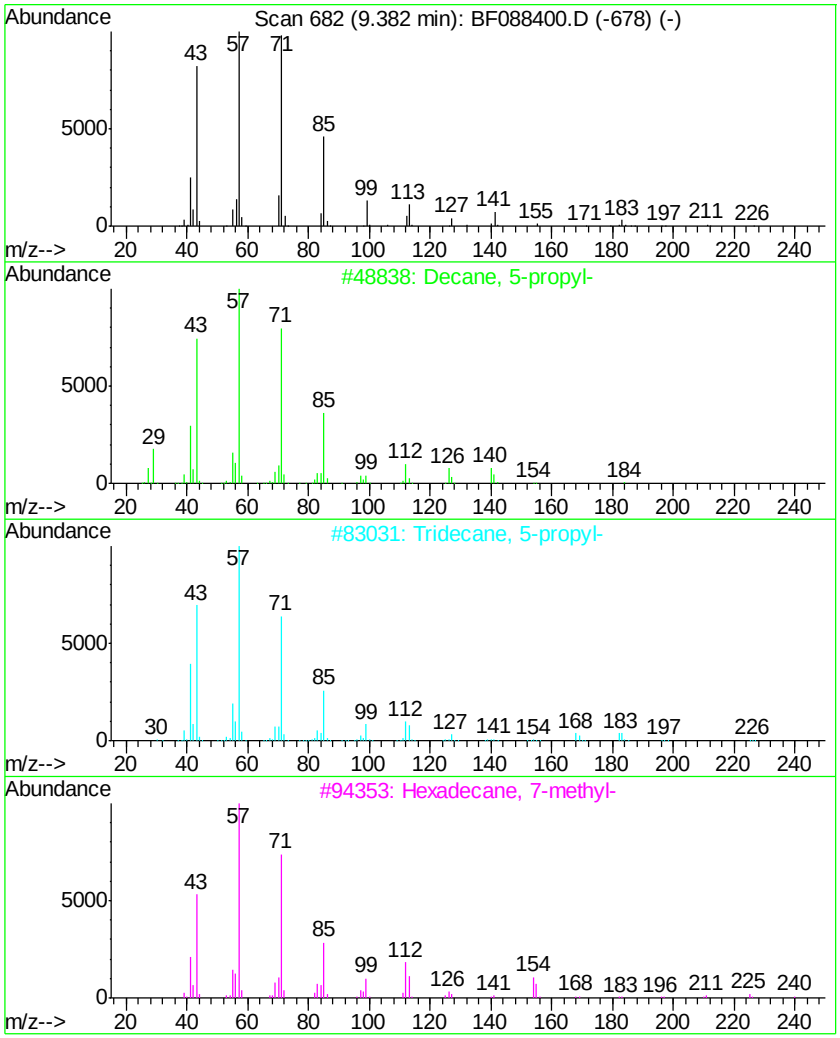
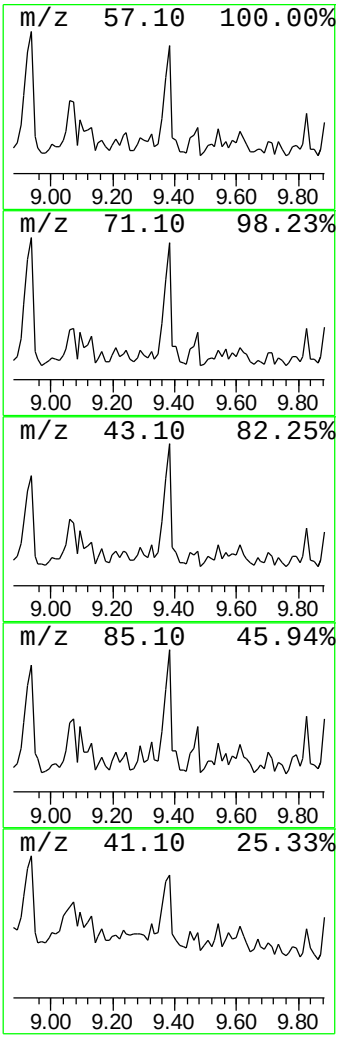
Peak Number 12 Decane, 5-propyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	35.95 ng	2454510	Acenaphthene-d10	9.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-propyl-	184	C13H28	017312-62-8	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	74
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
4	Octacosane	394	C28H58	000630-02-4	64
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	64





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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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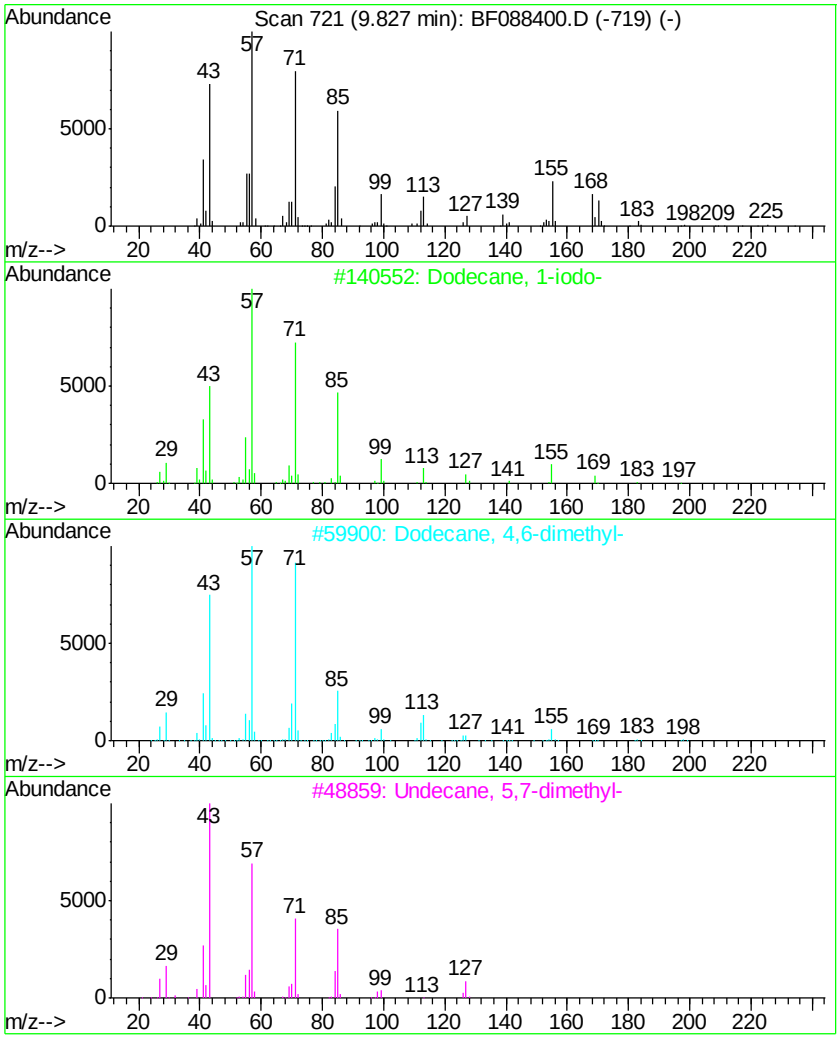
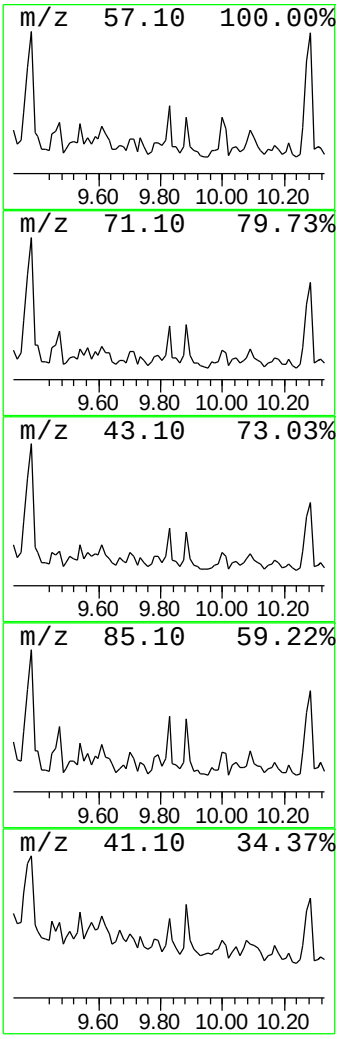
Peak Number 13 Dodecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	20.61 ng	1406850	Acenaphthene-d10	9.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	62
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	60
3	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	59
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	52
5	Dodecane	170	C12H26	000112-40-3	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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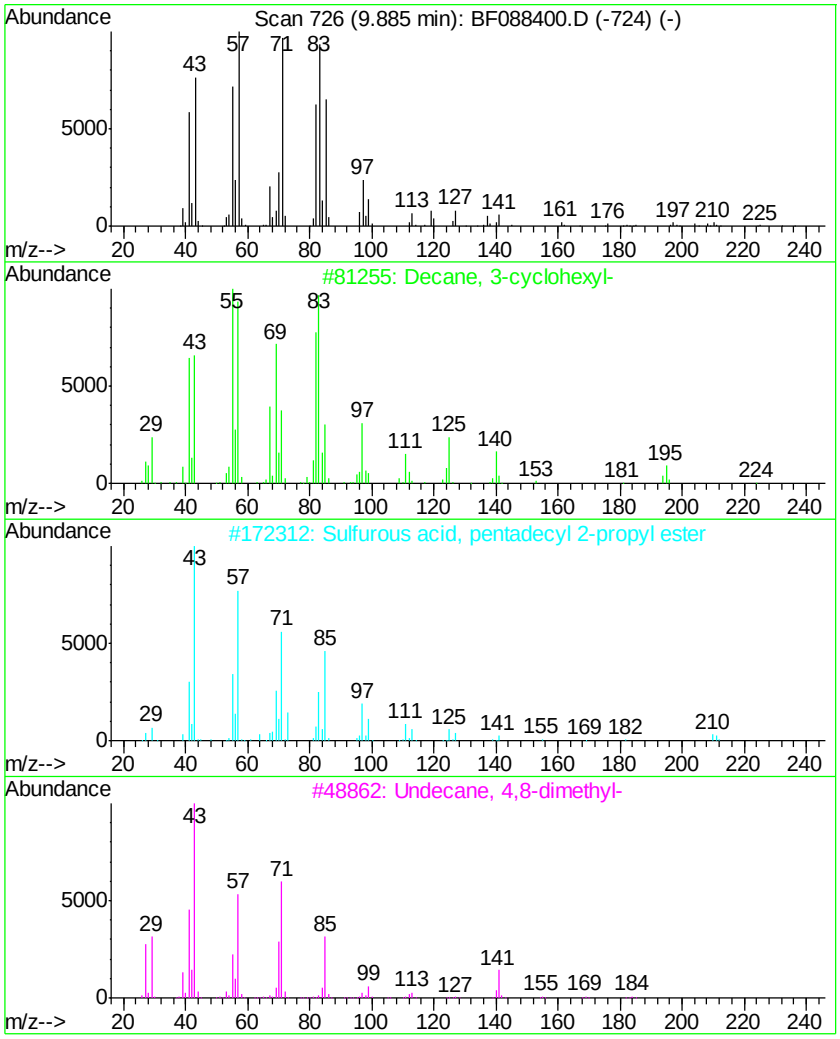
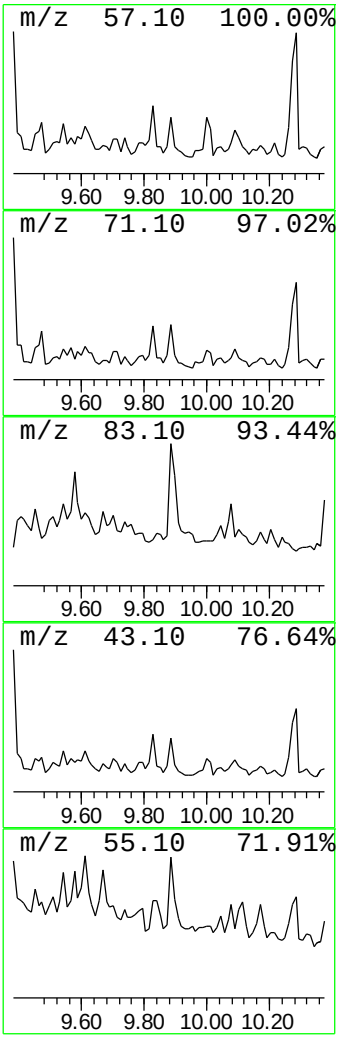
Peak Number 14 Decane, 3-cyclohexyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	20.20 ng	1379140	Acenaphthene-d10	9.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-cyclohexyl-	224	C16H32	013151-74-1	53
2	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	47
3	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	46
4	Nonadecane	268	C19H40	000629-92-5	46
5	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	43





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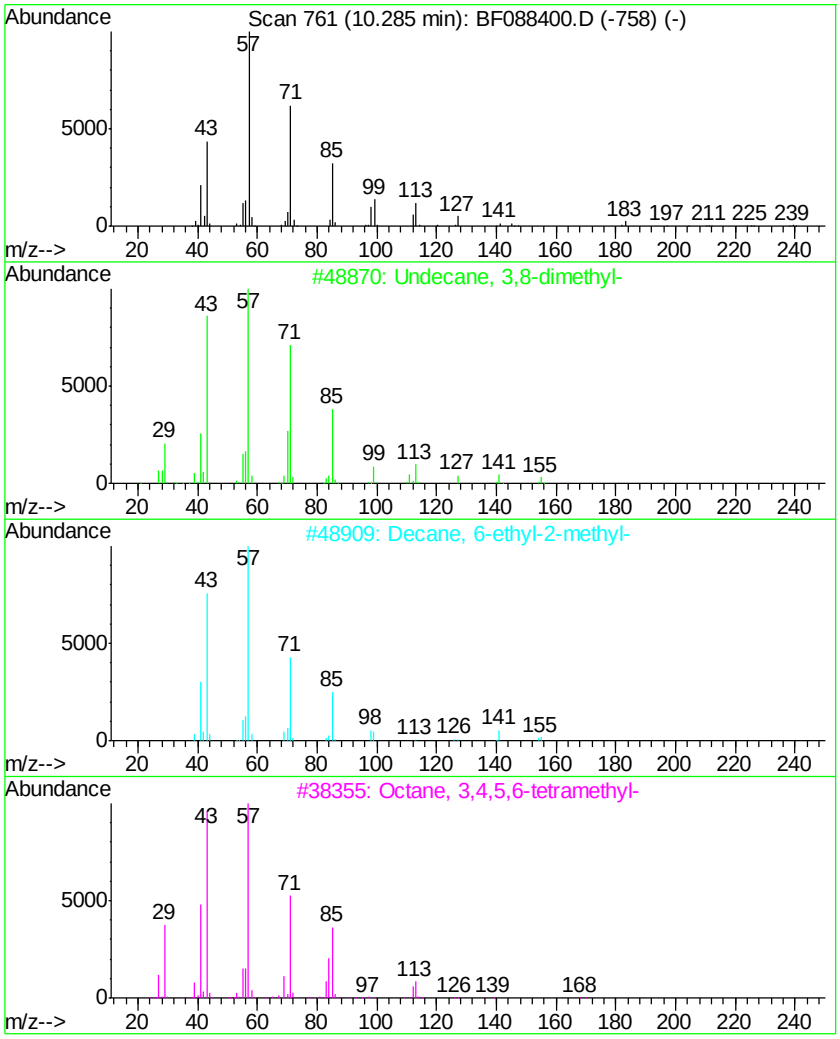
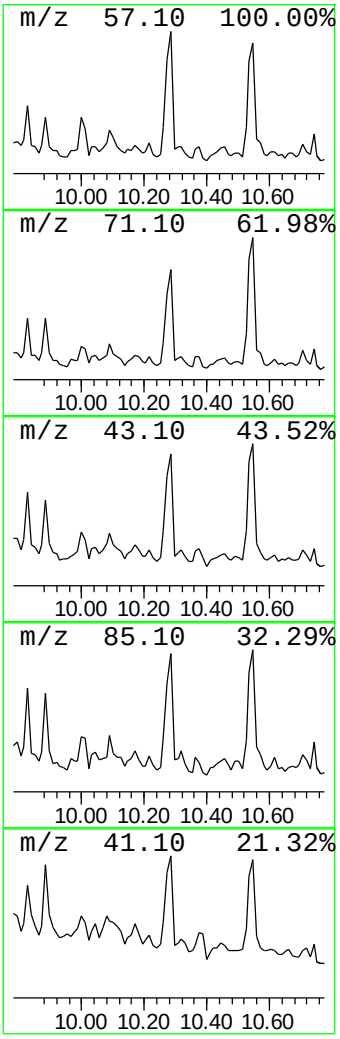
Peak Number 15 Undecane, 3,8-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	34.93 ng	2384720	Acenaphthene-d10	9.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64
4	Hexatriacontane	507	C36H74	000630-06-8	64
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64





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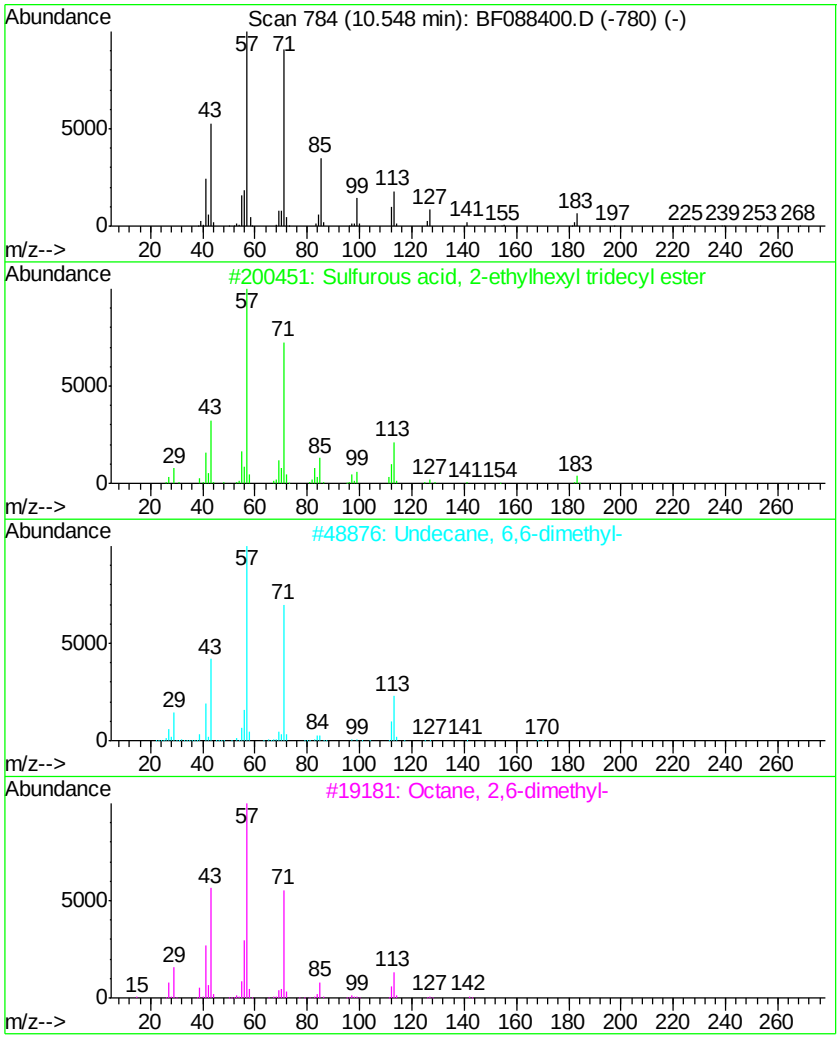
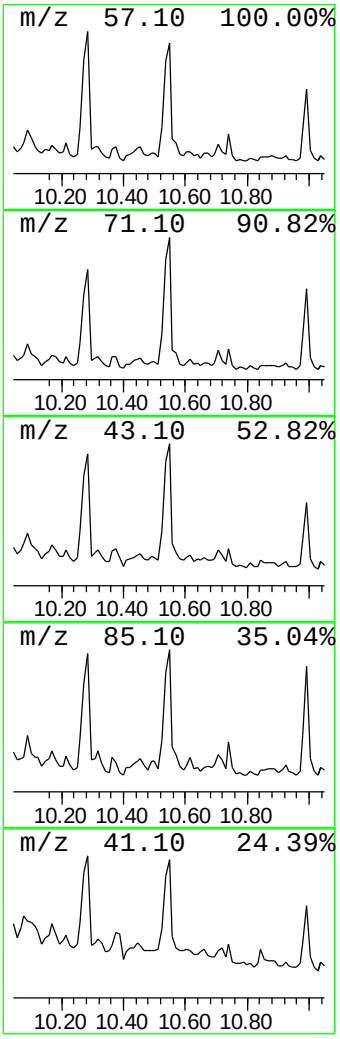
Peak Number 16 Sulfurous acid, 2-ethylhexy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	262.38 ng	2801470	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	78
2	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53





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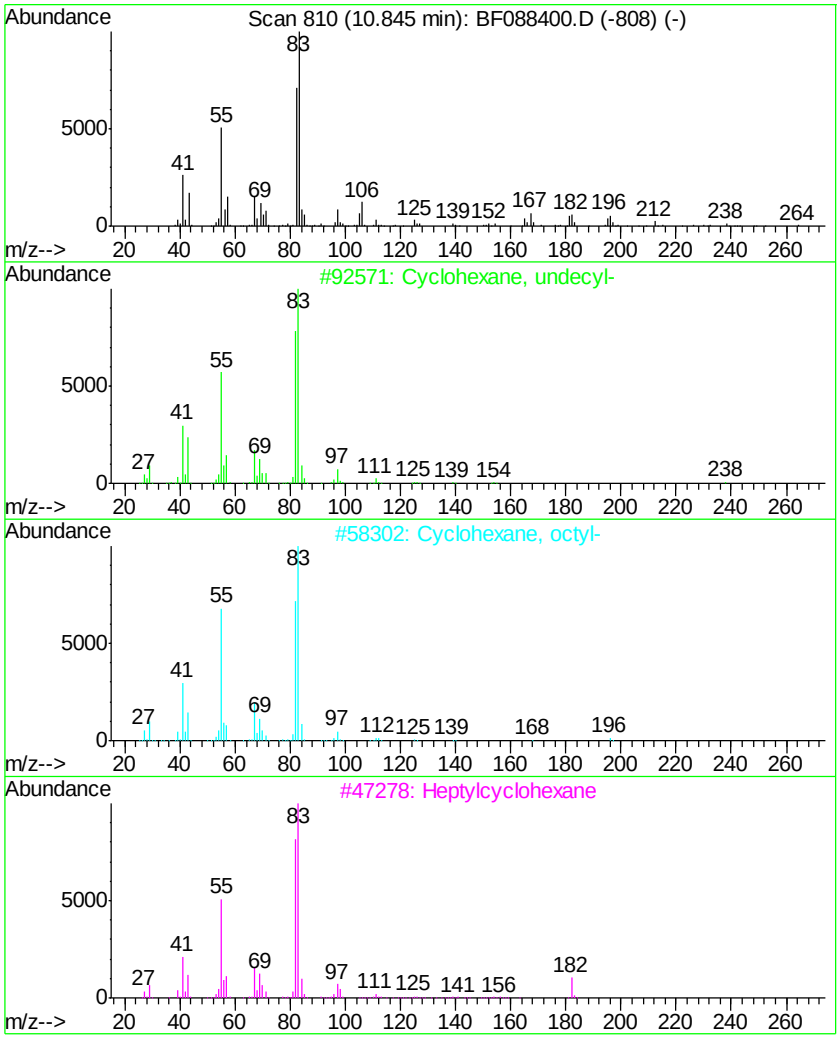
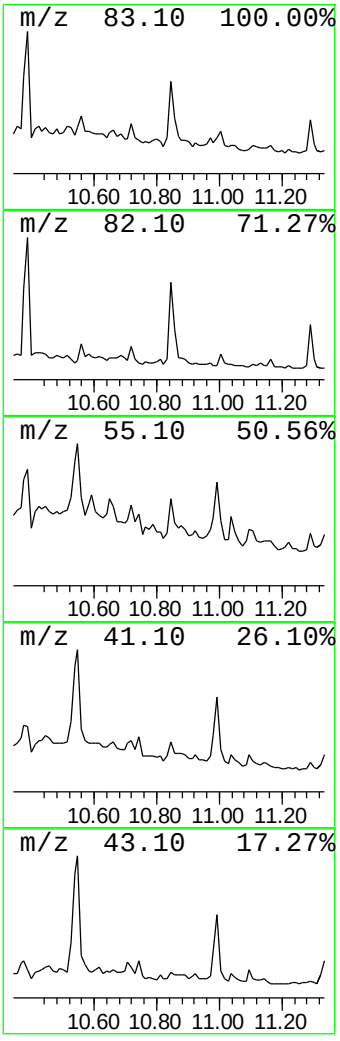
Peak Number 17 Cyclohexane, undecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	41.91 ng	447482	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, undecyl-	238	C17H34	054105-66-7	93
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	89
3	Heptylcyclohexane	182	C13H26	005617-41-4	76
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	68
5	Cyclohexane, butyl-	140	C10H20	001678-93-9	68





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TIC Library : C:\Database\NIST11.L
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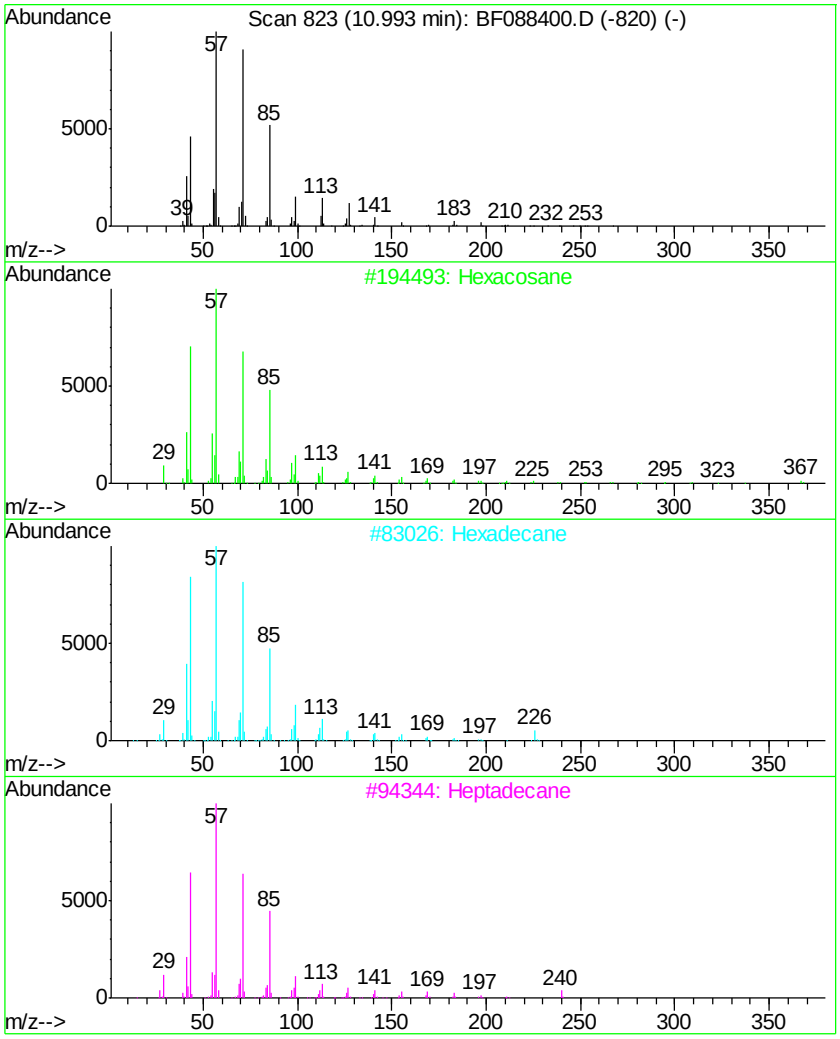
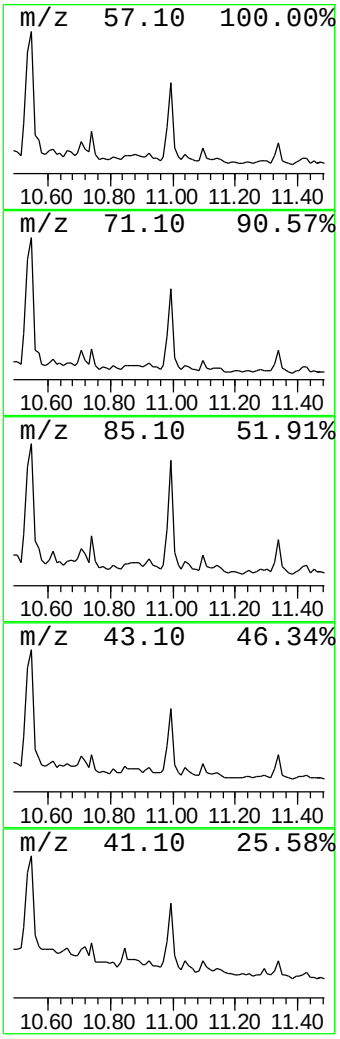
Peak Number 18 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	176.83 ng	1888090	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Heptadecane	240	C17H36	000629-78-7	86
4	Tetradecane	198	C14H30	000629-59-4	78
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68





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Data File : BF088400.D
Acq On : 26 Jun 2016 4:36
Operator : UM/SJ
Sample : H3768-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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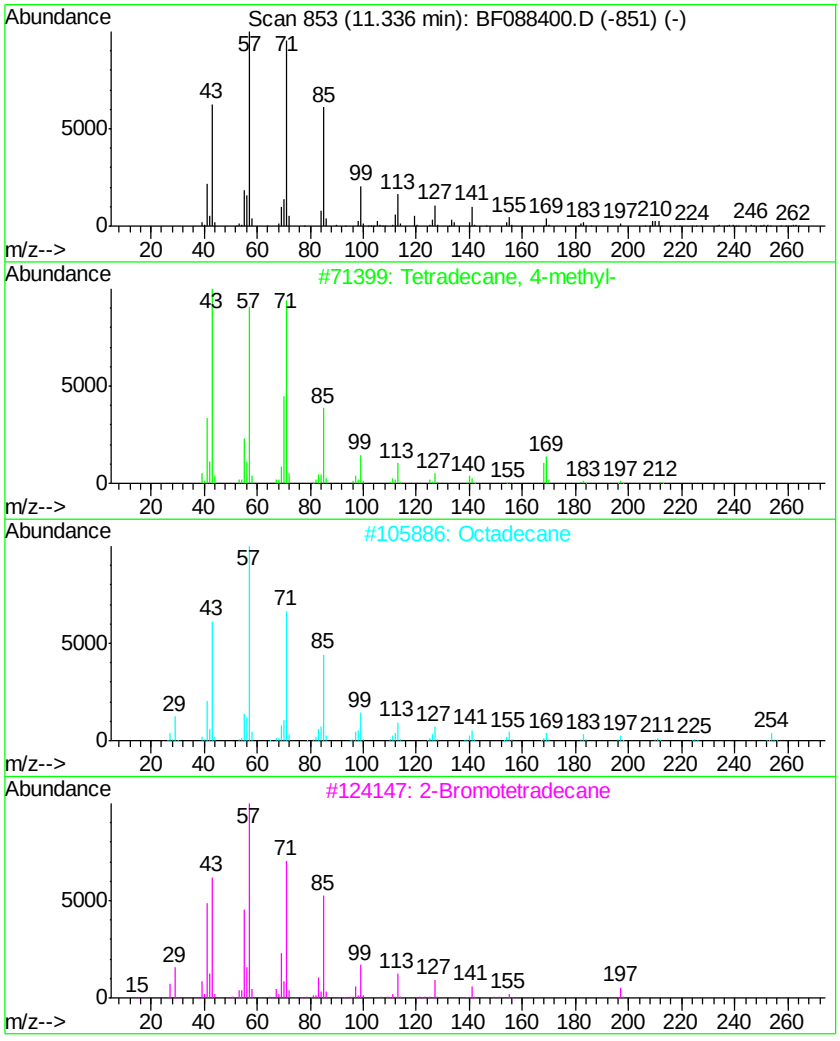
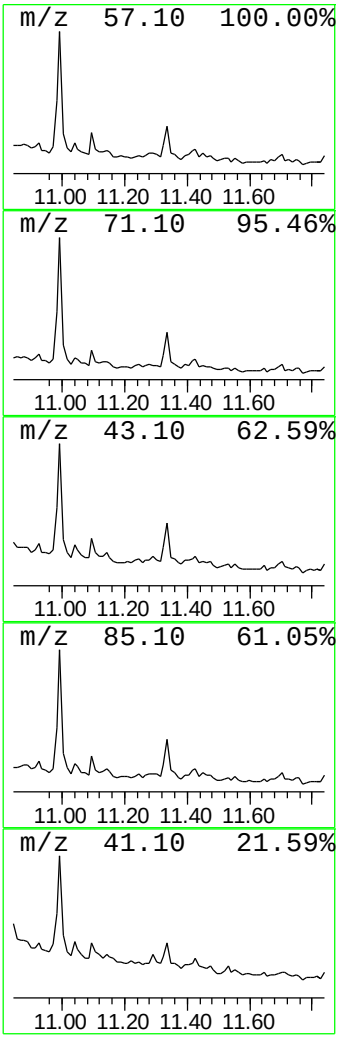
Peak Number 19 Tetradecane, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	57.59 ng	614926	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	90
2	Octadecane	254	C18H38	000593-45-3	90
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062516\
Data File : BF088400.D
Acq On : 26 Jun 2016 4:36
Operator : UM/SJ
Sample : H3768-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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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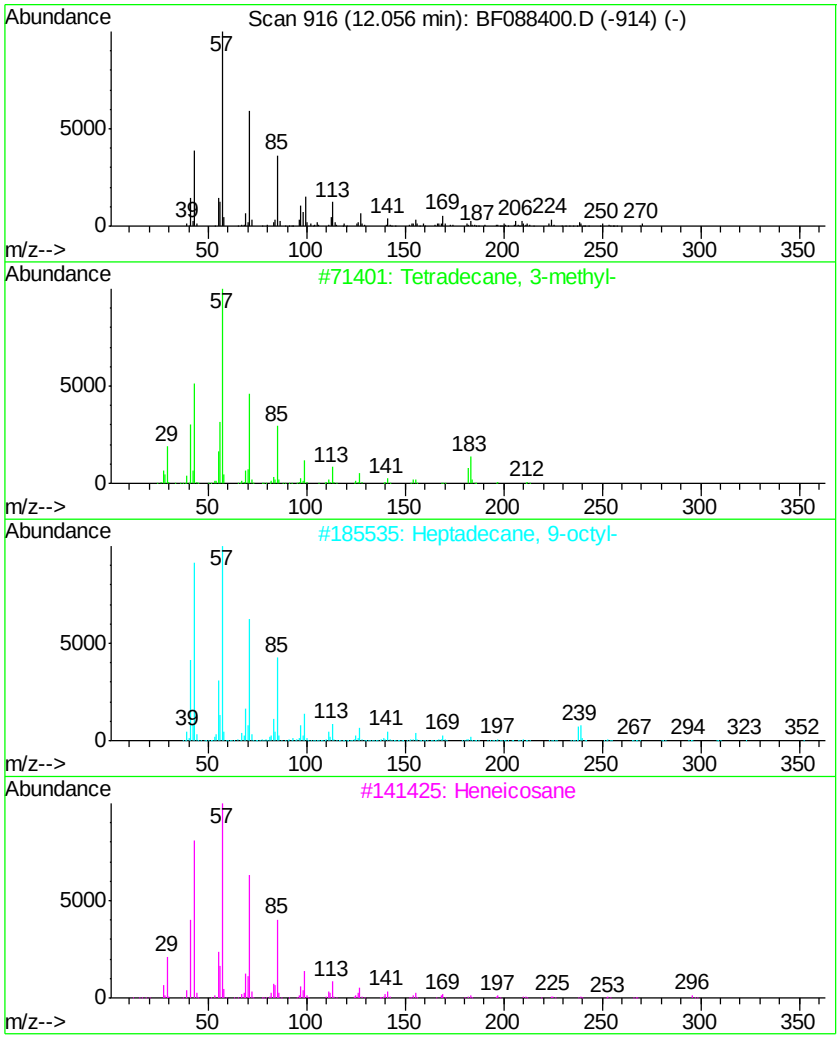
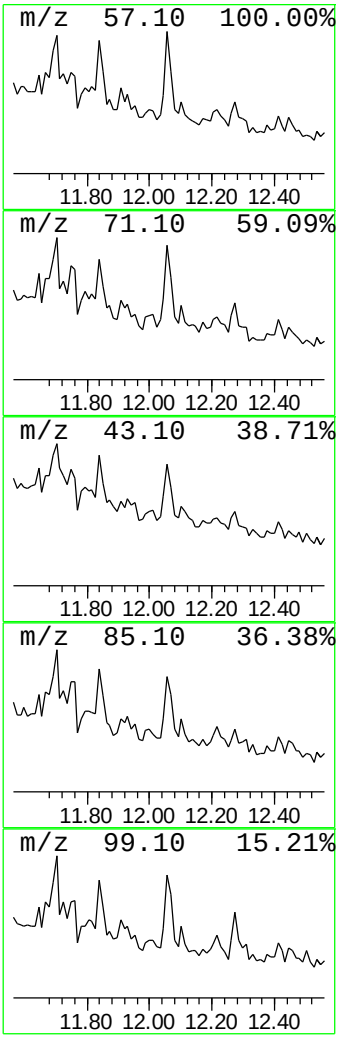
Peak Number 20 Tetradecane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	20.30 ng	216711	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	87
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	81
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062516\
Data File : BF088400.D
Acq On : 26 Jun 2016 4:36
Operator : UM/SJ
Sample : H3768-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1GW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.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
Cyclohexane, 1-et...	5.54	19.7	ng	3326690	1	6.58	3377040	20.0
Nonane, 3-methyl-	5.82	28.3	ng	4781970	1	6.58	3377040	20.0
Hexane, 3-ethyl-2...	5.87	42.8	ng	7218700	1	6.58	3377040	20.0
Undecane, 5,6-dim...	6.01	22.7	ng	3833220	1	6.58	3377040	20.0
Cyclohexane, 1,1,...	6.09	38.0	ng	6417860	1	6.58	3377040	20.0
unknown6.34	6.34	42.4	ng	7160270	1	6.58	3377040	20.0
unknown6.75	6.75	21.2	ng	3577270	1	6.58	3377040	20.0
Naphthalene, deca...	6.98	21.6	ng	3642350	1	6.58	3377040	20.0
unknown7.40	7.40	20.7	ng	3299350	2	7.88	3192070	20.0
Octane, 3-ethyl-	8.34	20.1	ng	3212030	2	7.88	3192070	20.0
3,5-Dimethyldodecane	9.07	26.9	ng	1836270	3	9.62	1365380	20.0
Decane, 5-propyl-	9.38	36.0	ng	2454510	3	9.62	1365380	20.0
Dodecane, 1-iodo-	9.83	20.6	ng	1406850	3	9.62	1365380	20.0
Decane, 3-cyclohe...	9.88	20.2	ng	1379140	3	9.62	1365380	20.0
Undecane, 3,8-dim...	10.28	34.9	ng	2384720	3	9.62	1365380	20.0
Sulfurous acid, 2...	10.55	262.4	ng	2801470	4	11.08	213546	20.0
Cyclohexane, unde...	10.84	41.9	ng	447482	4	11.08	213546	20.0
Hexacosane	10.99	176.8	ng	1888090	4	11.08	213546	20.0
Tetradecane, 4-me...	11.34	57.6	ng	614926	4	11.08	213546	20.0
Tetradecane, 3-me...	12.06	20.3	ng	216711	4	11.08	213546	20.0