LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089232.D
Acq On : 23 Jul 2016 12:28
Operator : UM/SJ
Sample : H4120-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

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-BF072016.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	1.712	10	11	29	rVB	784455	1426048	87.13%	6.868%
2	4.696	266	272	278	rBV	29912	64717	3.95%	0.312%
3	5.153	311	312	322	rBV2	435765	638736	39.02%	3.076%
4	5.290	322	324	327	rVV	21119	37043	2.26%	0.178%
5	5.336	327	328	330	rVV	19568	23041	1.41%	0.111%
6	5.381	330	332	337	rVB3	16098	28718	1.75%	0.138%
7	5.564	344	348	350	rVB2	29826	53357	3.26%	0.257%
8	5.610	350	352	355	rBV3	13122	31840	1.95%	0.153%
9	5.701	358	360	363	rVB2	49095	62414	3.81%	0.301%
10	5.770	363	366	368	rBV	30649	50407	3.08%	0.243%
11	5.816	368	370	373	rVB2	88759	132030	8.07%	0.636%
12	5.873	373	375	376	rBV	51605	60692	3.71%	0.292%
13	6.010	383	387	390	rBV2	41552	86096	5.26%	0.415%
14	6.090	390	394	395	rBV2	52934	55743	3.41%	0.268%
15	6.113	395	396	399	rVB3	21309	41351	2.53%	0.199%
16	6.181	399	402	404	rBV2	21273	39061	2.39%	0.188%
17	6.227	404	406	409	rVV2	298461	441522	26.98%	2.126%
18	6.319	412	414	415	rVV2	49213	90902	5.55%	0.438%
19	6.341	415	416	422	rVV	897795	1121029	68.49%	5.399%
20	6.433	422	424	425	rVB2	30537	42736	2.61%	0.206%
21	6.513	430	431	434	rVV3	40389	89833	5.49%	0.433%
22	6.581	434	437	440	rVV	219489	318751	19.47%	1.535%
23	6.661	440	444	447	rVV4	39220	133483	8.16%	0.643%
24	6.730	448	450	455	rVV	1026587	1212192	74.06%	5.838%
25	6.799	455	456	457	rVV	28424	32736	2.00%	0.158%
26	6.844	457	460	463	rVB4	36626	100103	6.12%	0.482%
27	6.936	466	468	469	rBV2	21880	37887	2.31%	0.182%
28	6.970	469	471	472	rVB	92852	75813	4.63%	0.365%
29	7.004	472	474	475	rBV	42713	41324	2.52%	0.199%
30	7.153	484	487	491	rVB	705090	847131	51.76%	4.080%
31	7.233	491	494	496	rVB3	68715	131296	8.02%	0.632%
32	7.279	496	498	499	rBV	27225	29401	1.80%	0.142%
33	7.359	502	505	506	rVB3	39759	70946	4.33%	0.342%
34	7.393	506	508	510	rBV	96766	145855	8.91%	0.702%

LSC Area Percent Report

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Data File : BF089232.D
Acq On : 23 Jul 2016 12:28
Operator : UM/SJ
Sample : H4120-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

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-BF072016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.439	510	512	514	rBV2	50948	85931	5.25%	0.414%
36	7.496	514	517	523	rBV6	147438	288200	17.61%	1.388%
37	7.576	523	524	526	rVB2	35721	42419	2.59%	0.204%
38	7.633	526	529	532	rVB3	46248	112239	6.86%	0.541%
39	7.702	532	535	537	rBV	90343	143799	8.79%	0.693%
40	7.770	537	541	543	rBV3	62187	123986	7.58%	0.597%
41	7.816	543	545	547	rBV3	41320	89809	5.49%	0.433%
42	7.862	547	549	551	rBV	407901	462043	28.23%	2.225%
43	7.896	551	552	555	rVB3	50065	95858	5.86%	0.462%
44	7.999	559	561	563	rVB2	79388	86906	5.31%	0.419%
45	8.044	563	565	566	rBV2	83699	142617	8.71%	0.687%
46	8.079	566	568	570	rVB2	94099	111247	6.80%	0.536%
47	8.159	573	575	577	rVB2	148889	199694	12.20%	0.962%
48	8.204	577	579	580	rBV2	69907	98373	6.01%	0.474%
49	8.307	586	588	595	rBV	430514	768690	46.96%	3.702%
50	8.410	595	597	598	rBV	102485	124789	7.62%	0.601%
51	8.490	601	604	605	rVV3	80293	179226	10.95%	0.863%
52	8.559	609	610	612	rVB2	143665	160436	9.80%	0.773%
53	8.604	612	614	616	rBV2	79526	158565	9.69%	0.764%
54	8.787	629	630	631	rVB	130589	89584	5.47%	0.431%
55	8.844	634	635	637	rVB2	93478	116637	7.13%	0.562%
56	8.902	638	640	642	rVV	306223	395624	24.17%	1.905%
57	8.947	642	644	646	rVV	1584887	1636763	100.00%	7.883%
58	9.027	649	651	652	rVV2	103360	101998	6.23%	0.491%
59	9.085	654	656	657	rVV2	107113	122678	7.50%	0.591%
60	9.153	660	662	664	rBV3	91469	111013	6.78%	0.535%
61	9.187	664	665	666	rBV	47709	47721	2.92%	0.230%
62	9.222	666	668	672	rBV5	63094	144416	8.82%	0.695%
63	9.313	675	676	678	rBV	144092	227095	13.87%	1.094%
64	9.359	678	680	681	rBV2	443353	390019	23.83%	1.878%
65	9.473	688	690	691	rBV2	43372	77163	4.71%	0.372%
66	9.519	692	694	697	rVB2	95975	141272	8.63%	0.680%
67	9.610	699	702	705	rBV2	535118	688727	42.08%	3.317%
68	9.827	719	721	724	rVB3	81275	121590	7.43%	0.586%
69	9.885	724	726	728	rVB2	137428	126694	7.74%	0.610%
70	9.930	728	730	733	rVB4	82715	139895	8.55%	0.674%
71	10.010	735	737	739	rVV2	112478	113658	6.94%	0.547%

LSC Area Percent Report

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Acq On : 23 Jul 2016 12:28
Operator : UM/SJ
Sample : H4120-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

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-BF072016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.045	739	740	741	rVV	36567	28597	1.75%	0.138%
73	10.102	744	745	748	rVB3	66560	89170	5.45%	0.429%
74	10.285	758	761	762	rVB	173382	205567	12.56%	0.990%
75	10.319	762	764	766	rVB3	48471	79550	4.86%	0.383%
76	10.399	768	771	773	rBV	883272	955826	58.40%	4.603%
77	10.548	781	784	787	rVV	225504	269308	16.45%	1.297%
78	10.593	787	788	789	rVB	37813	25940	1.58%	0.125%
79	10.730	798	800	803	rVB3	39632	64440	3.94%	0.310%
80	11.005	822	824	827	rVB	115289	124545	7.61%	0.600%
81	11.085	829	831	840	rVB	433424	488177	29.83%	2.351%
82	11.348	853	854	857	rVV2	16694	25234	1.54%	0.122%
83	11.393	857	858	861	rVV3	14327	25153	1.54%	0.121%
84	11.439	861	862	865	rVB2	14365	21053	1.29%	0.101%
85	11.633	878	879	883	rBV3	26711	47506	2.90%	0.229%
86	12.673	967	970	972	rBV	1077132	1582870	96.71%	7.623%
87	13.588	1047	1050	1054	rVV	20966	35963	2.20%	0.173%
88	13.702	1057	1060	1067	rBV	366522	383983	23.46%	1.849%
89	15.039	1175	1177	1183	rVB	169645	249854	15.27%	1.203%

Sum of corrected areas: 20764344

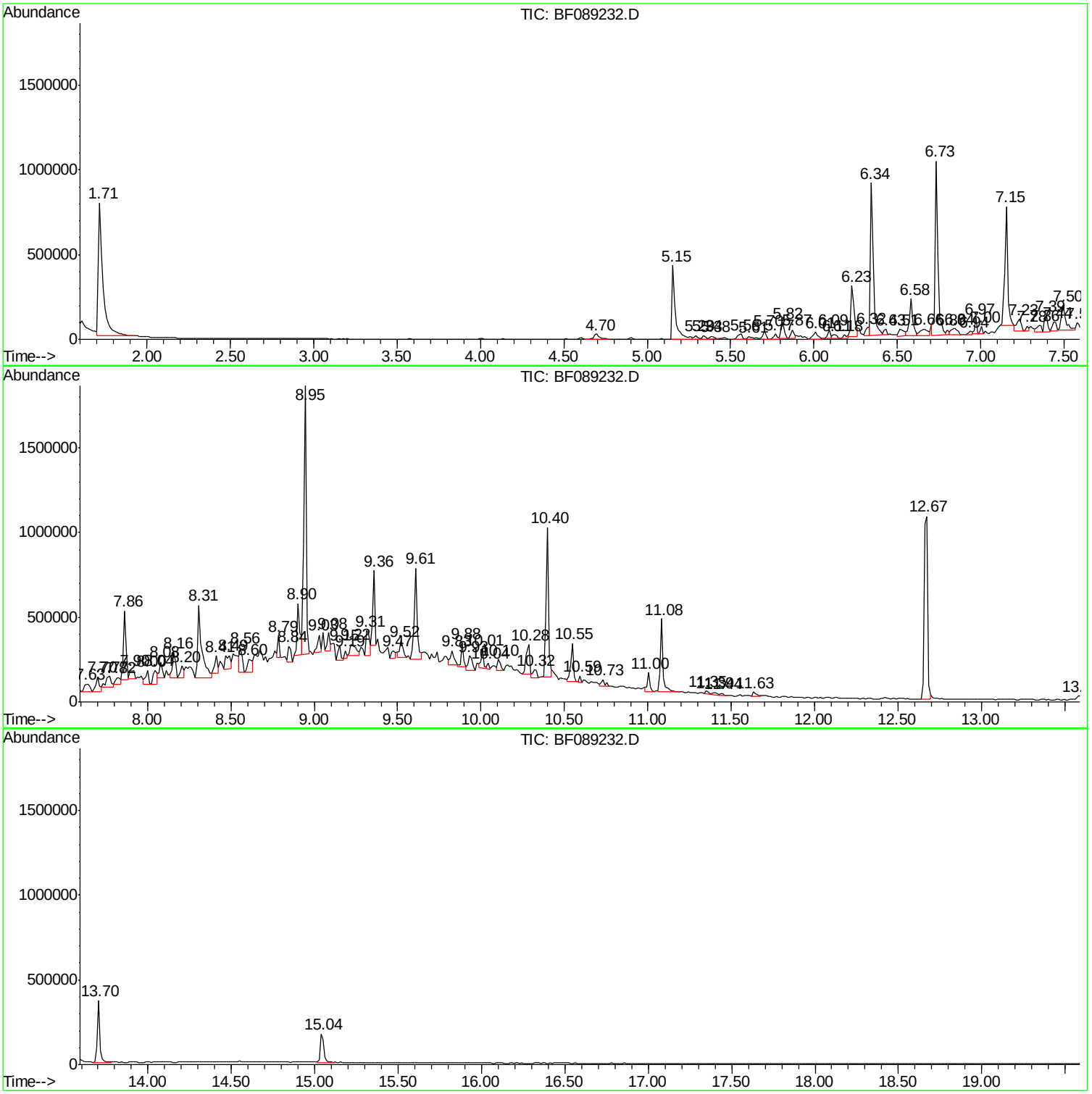
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089232.D
Acq On : 23 Jul 2016 12:28
Operator : UM/SJ
Sample : H4120-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089232.D
Acq On : 23 Jul 2016 12:28
Operator : UM/SJ
Sample : H4120-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

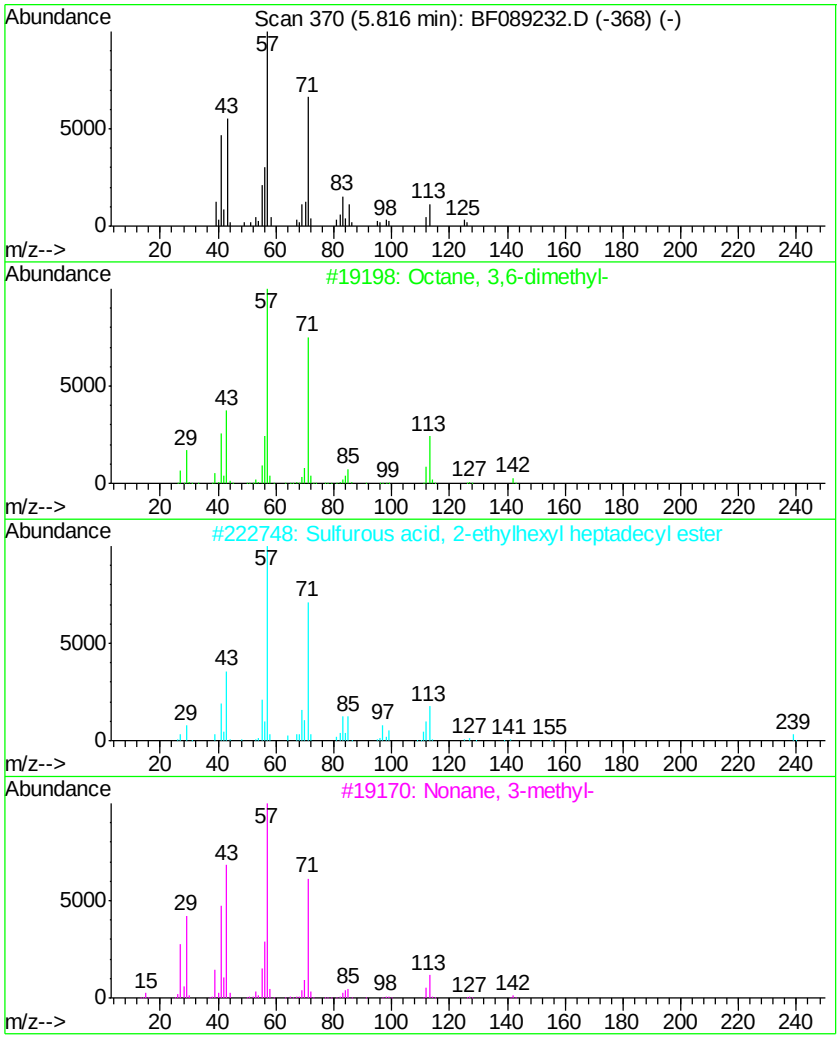
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

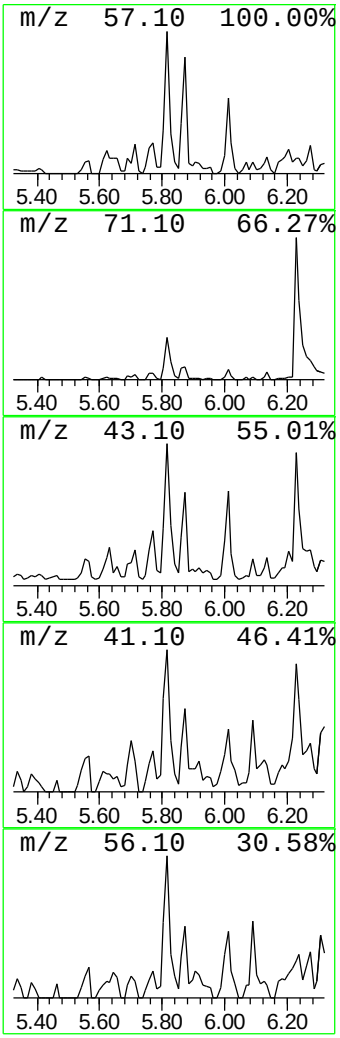
****

Peak Number 2 Octane, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	8.28 ng	132030	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
2	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	59
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089232.D
Acq On : 23 Jul 2016 12:28
Operator : UM/SJ
Sample : H4120-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

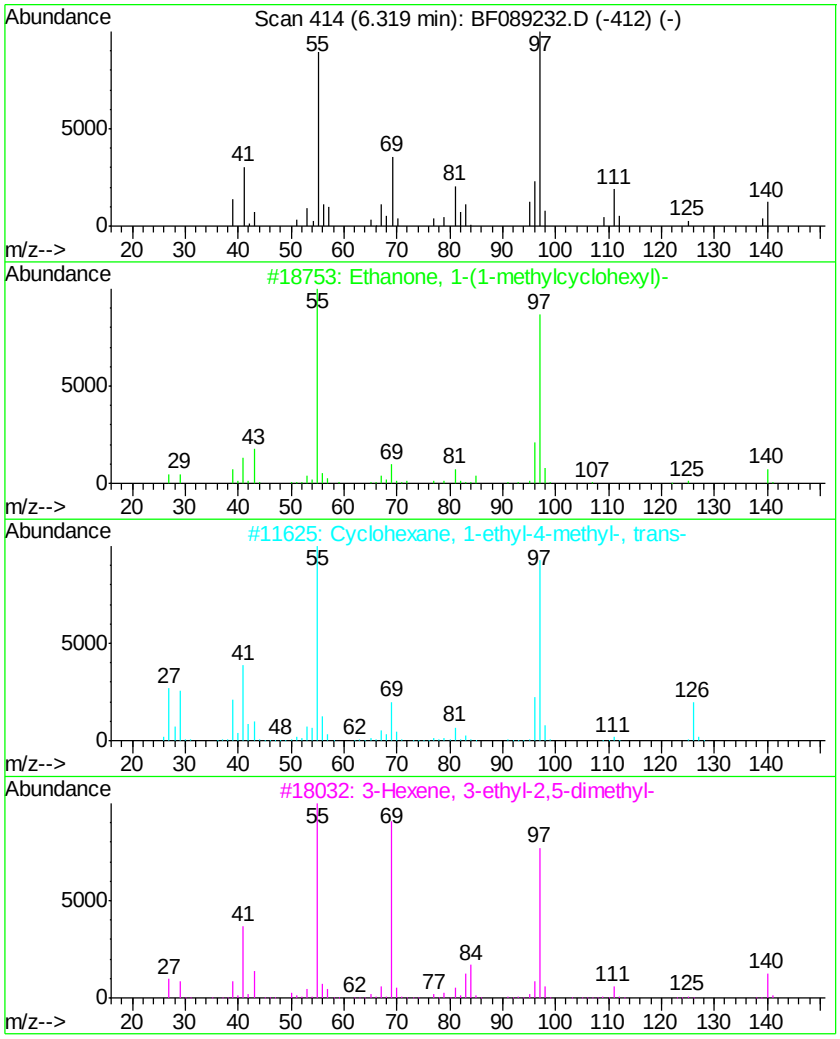
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

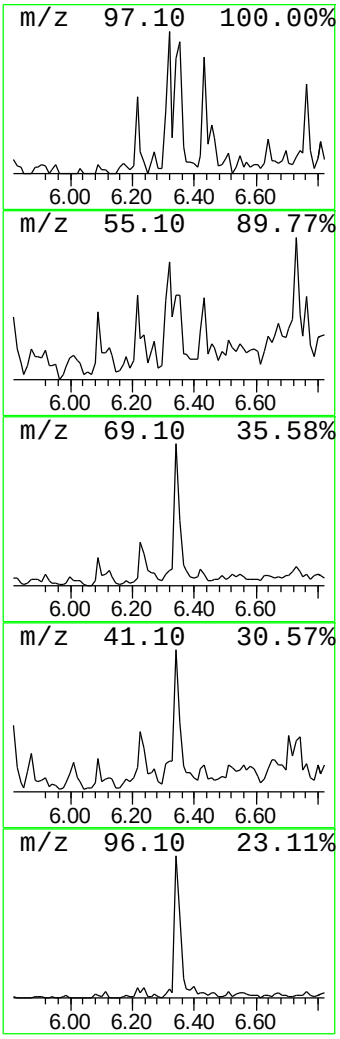
****

Peak Number 3 Ethanone, 1-(1-methylcycloh... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	5.70 ng	90902	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	59
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	53
3	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	53
4	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	53
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089232.D
Acq On : 23 Jul 2016 12:28
Operator : UM/SJ
Sample : H4120-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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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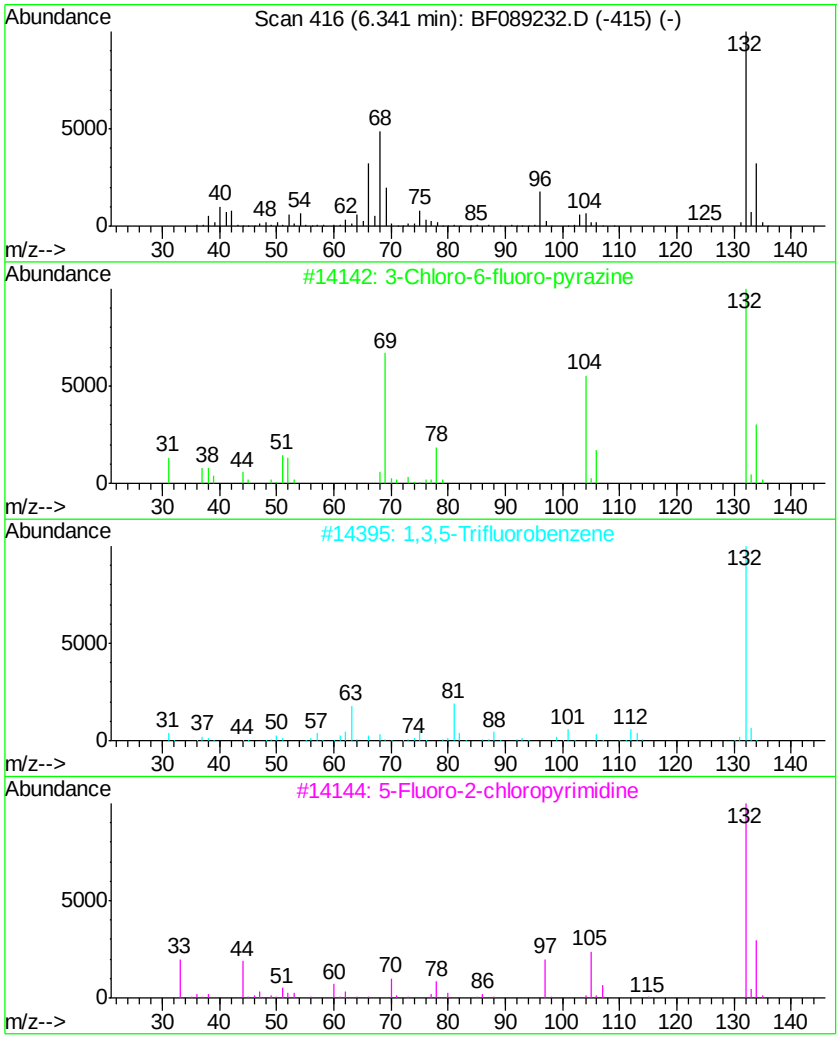
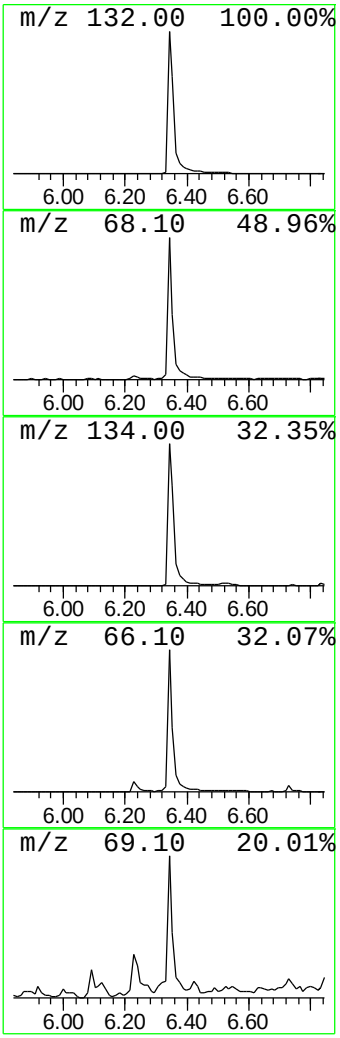
Peak Number 4 unknown6.34 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	70.34 ng	1121030	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	14
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





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Data File : BF089232.D
Acq On : 23 Jul 2016 12:28
Operator : UM/SJ
Sample : H4120-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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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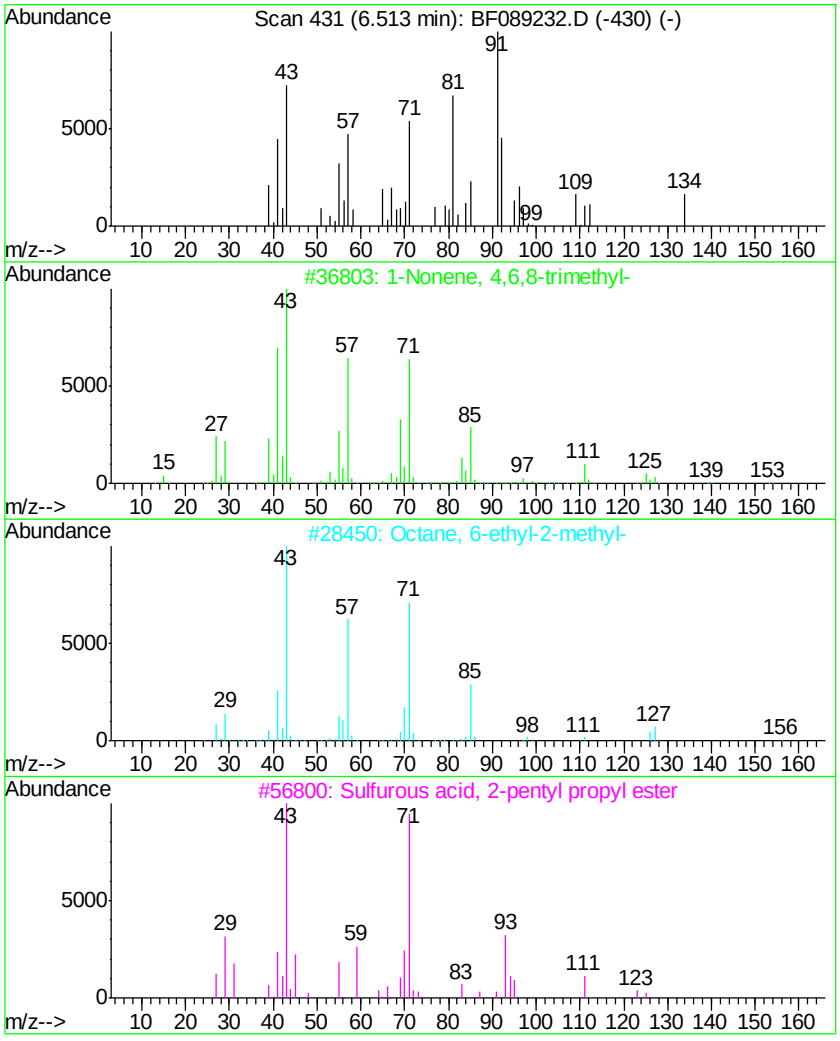
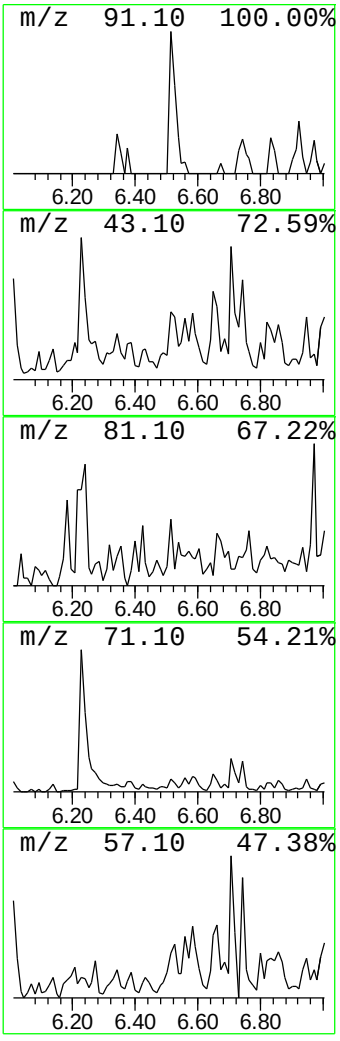
Peak Number 5 unknown6.51 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	5.64 ng	89833	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	27
2	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	22
3	Sulfurous acid, 2-pentyl propyl ...	194	C8H18O3S	1000309-15-1	14
4	Octane, 3-ethyl-	142	C10H22	005881-17-4	14
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	14





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Acq On : 23 Jul 2016 12:28
Operator : UM/SJ
Sample : H4120-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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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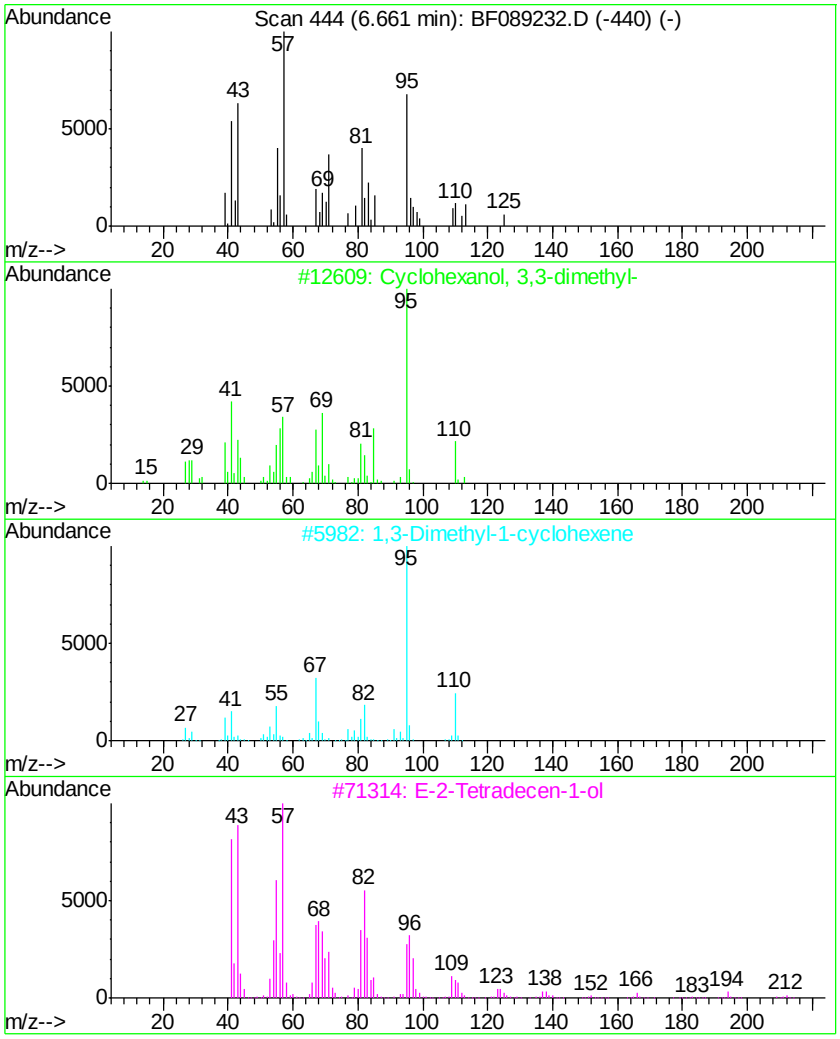
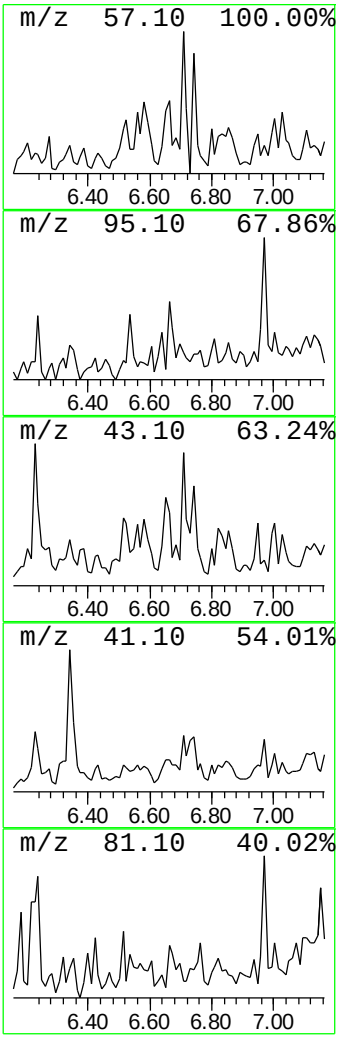
Peak Number 6 unknown6.66 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	8.38 ng	133483	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 3,3-dimethyl-	128	C8H16O	000767-12-4	43
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	38
3	E-2-Tetradecen-1-ol	212	C14H28O	1000130-83-7	37
4	(S)(+)-Z-13-Methyl-11-pentadecen...	282	C18H34O2	1000130-84-8	27
5	1H-Imidazole-4-methanol, 5-methyl-	112	C5H8N2O	029636-87-1	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089232.D
Acq On : 23 Jul 2016 12:28
Operator : UM/SJ
Sample : H4120-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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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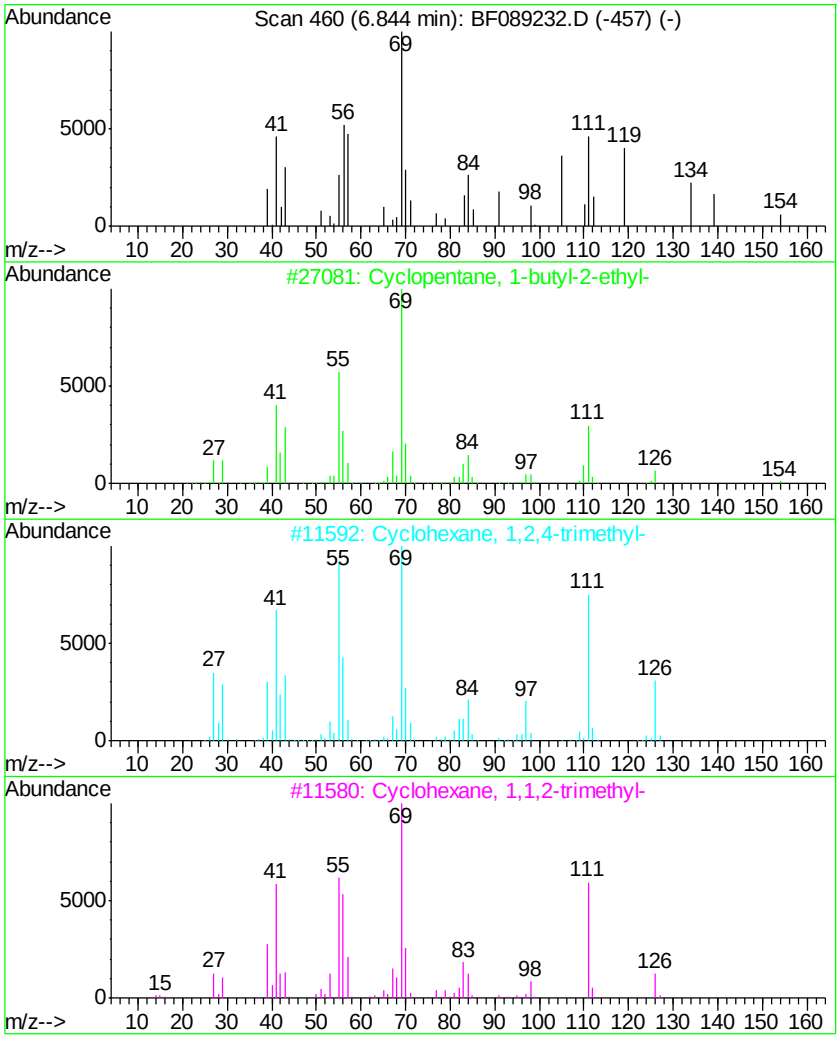
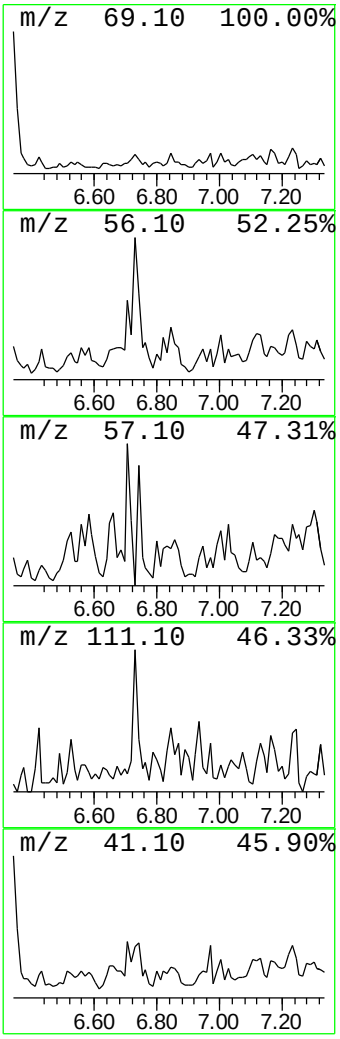
Peak Number 8 unknown6.84 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	6.28 ng	100103	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	47
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	43
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	38
4	2-Chloro-2-methylnonane	176	C10H21Cl	004325-50-2	38
5	Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	38





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Acq On : 23 Jul 2016 12:28
Operator : UM/SJ
Sample : H4120-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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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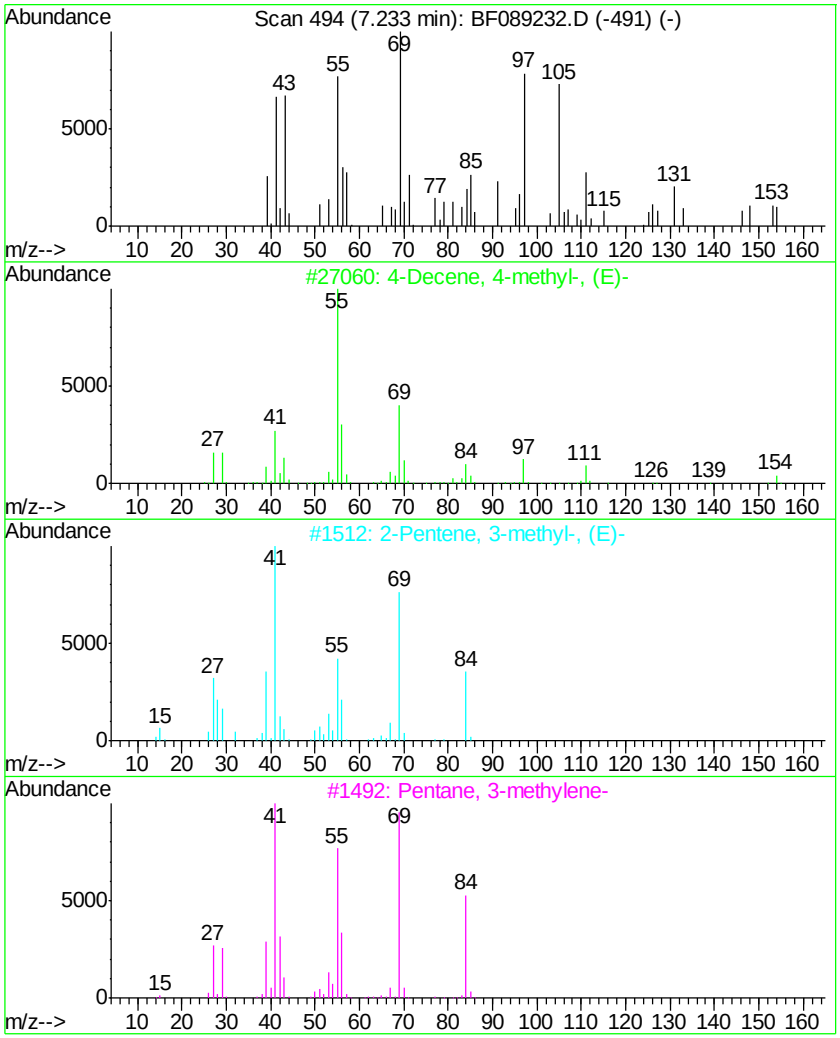
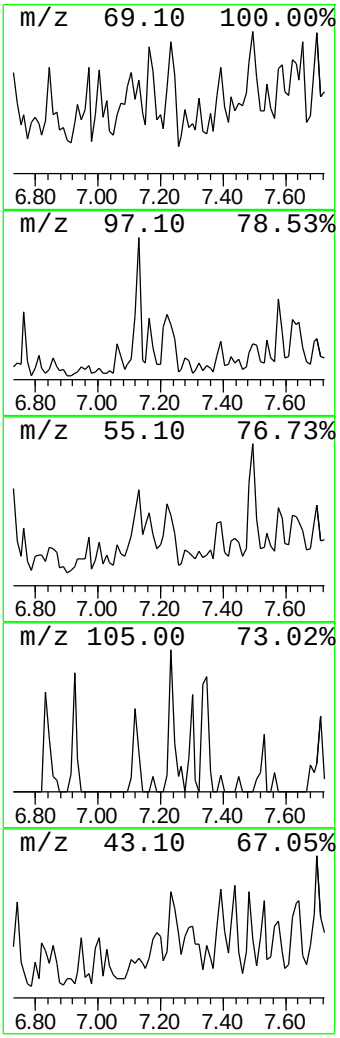
Peak Number 9 unknown7.23 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	5.68 ng	131296	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	38
2	2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	25
3	Pentane, 3-methylene-	84	C6H12	000760-21-4	25
4	2-Pentene, 3-methyl-	84	C6H12	000922-61-2	25
5	Cyclohexanone, 3,5-dimethyl-	126	C8H14O	002320-30-1	25





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ClientSampleId : DUP-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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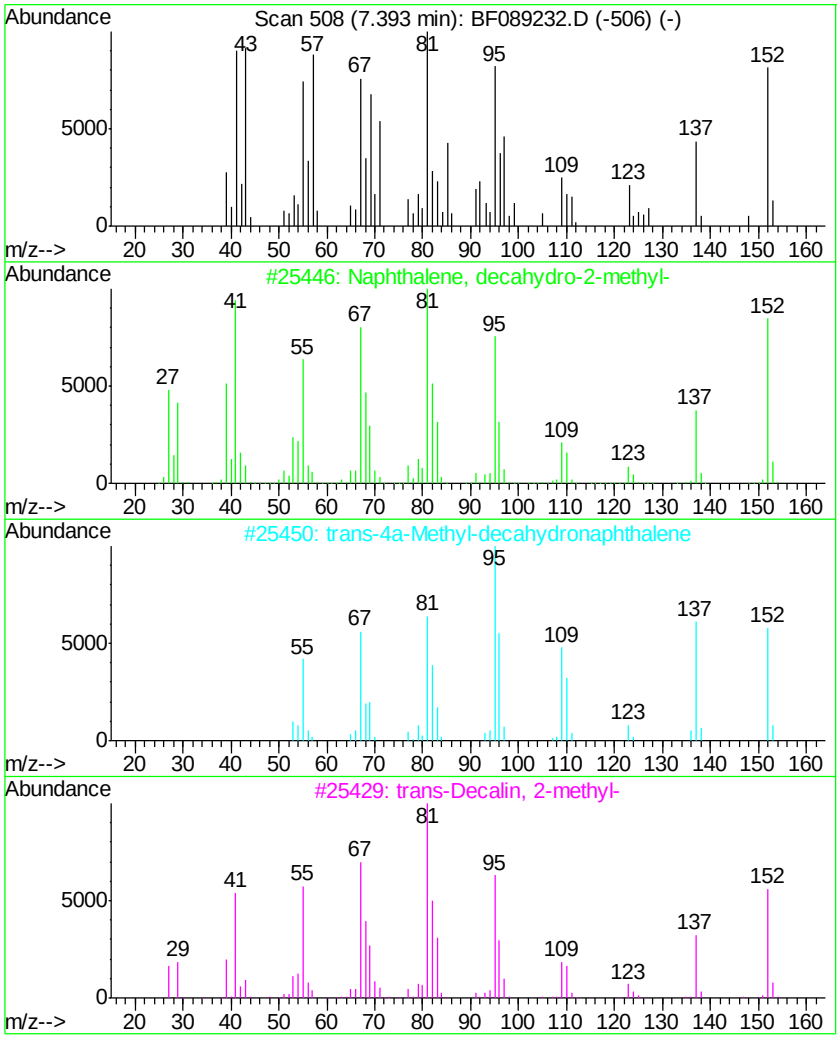
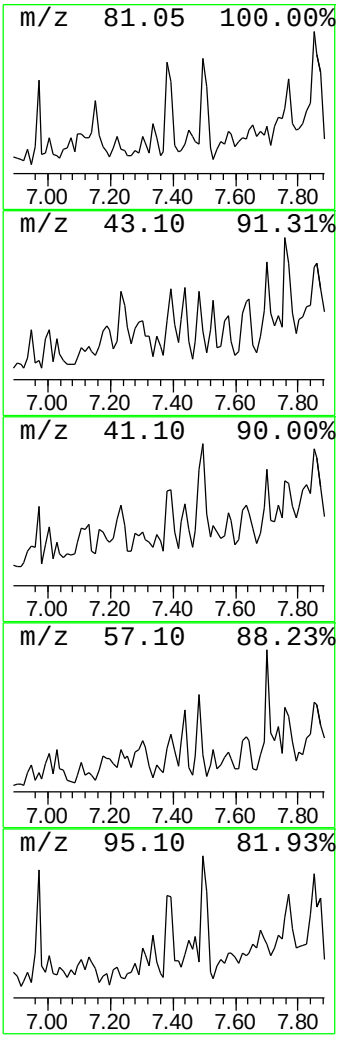
Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	6.31 ng	145855	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	83
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	74
4	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	60
5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	60





Library Search Compound Report

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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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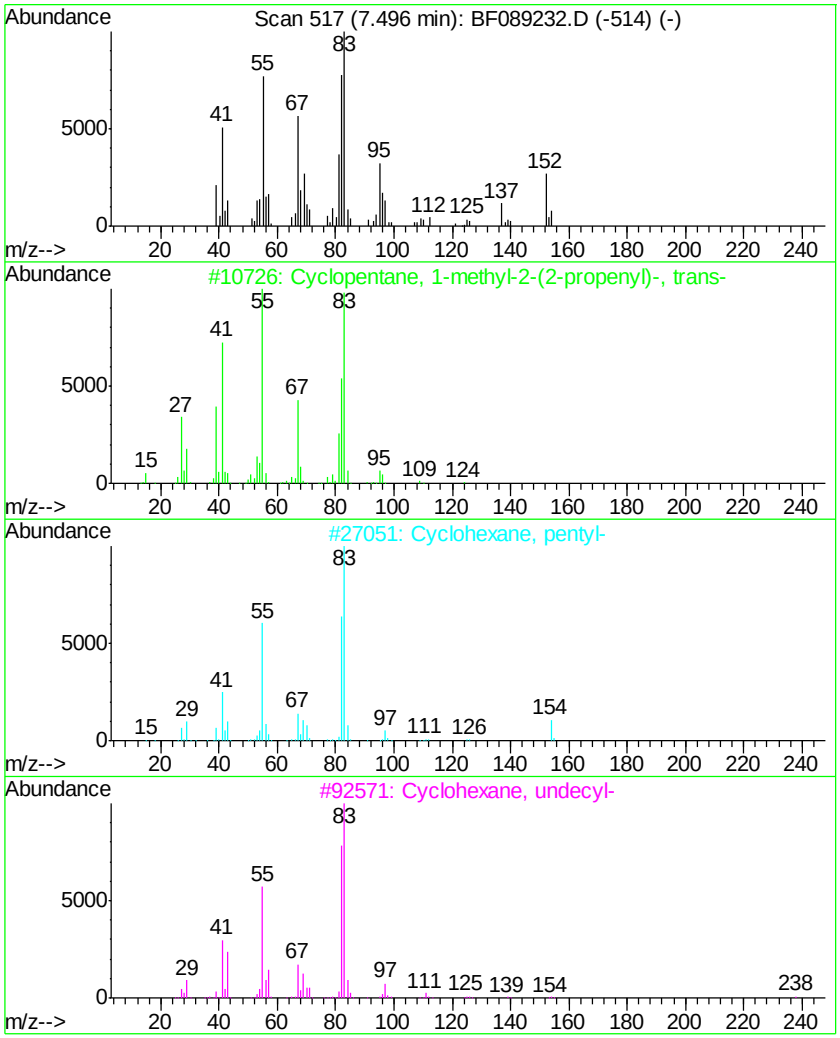
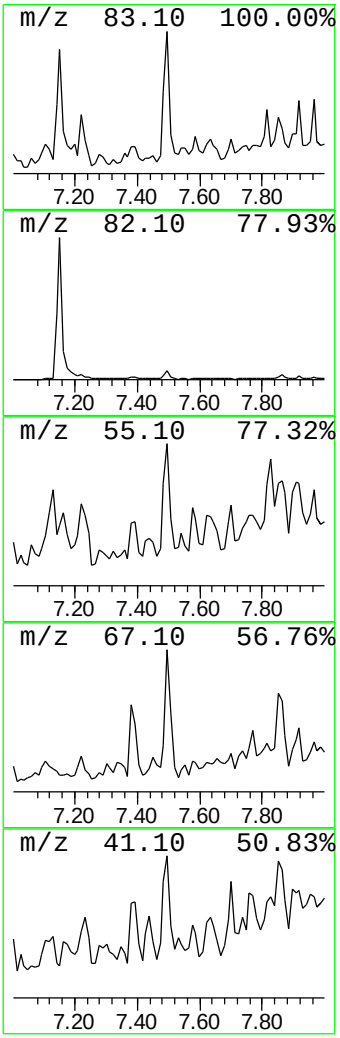
Peak Number 11 Cyclopentane, 1-methyl-2-(2... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	12.48 ng	288200	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	64
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
3	Cyclohexane, undecyl-	238	C17H34	054105-66-7	50
4	n-Pentadecylcyclohexane	294	C21H42	006006-95-7	50
5	n-Heptadecylcyclohexane	322	C23H46	019781-73-8	50





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ClientSampleId : DUP-01

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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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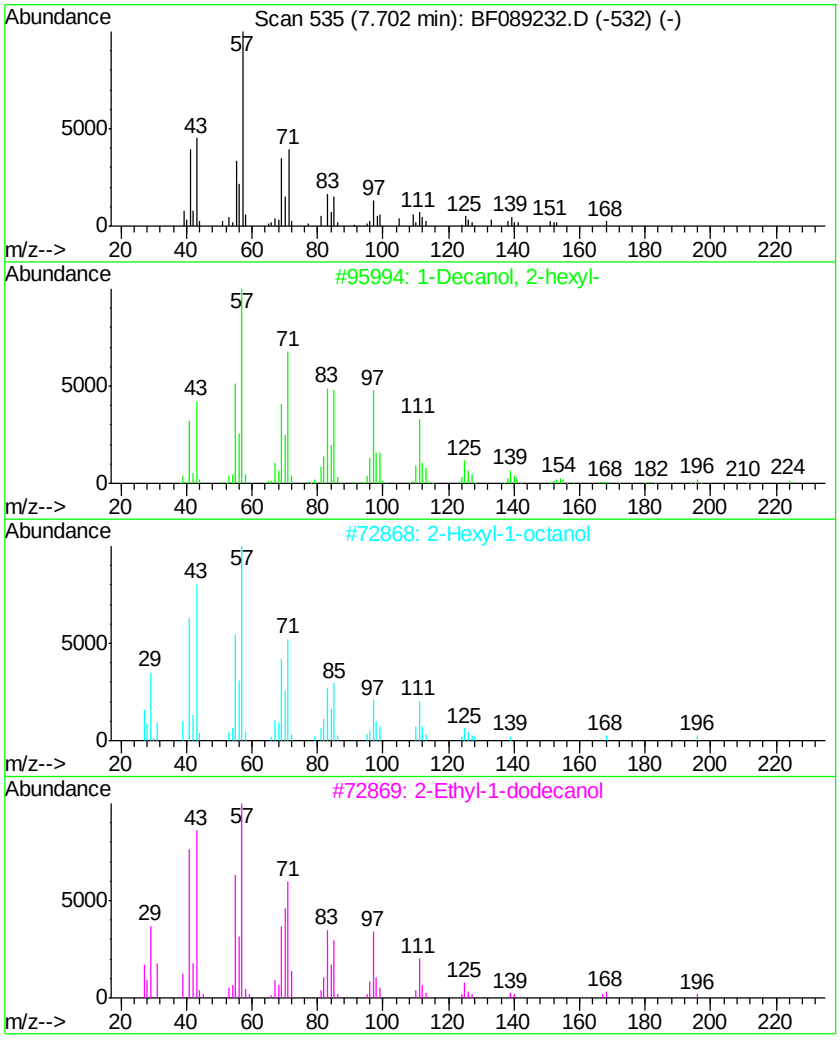
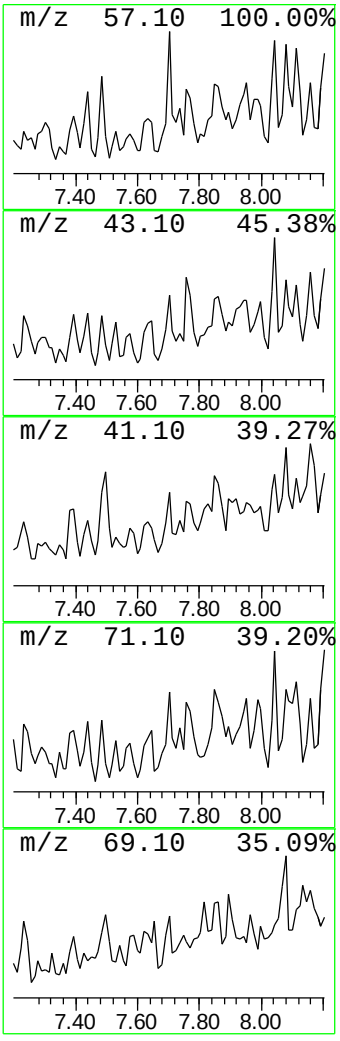
Peak Number 12 1-Decanol, 2-hexyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	6.22 ng	143799	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	86
2	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	78
3	2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	59
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	50
5	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	50





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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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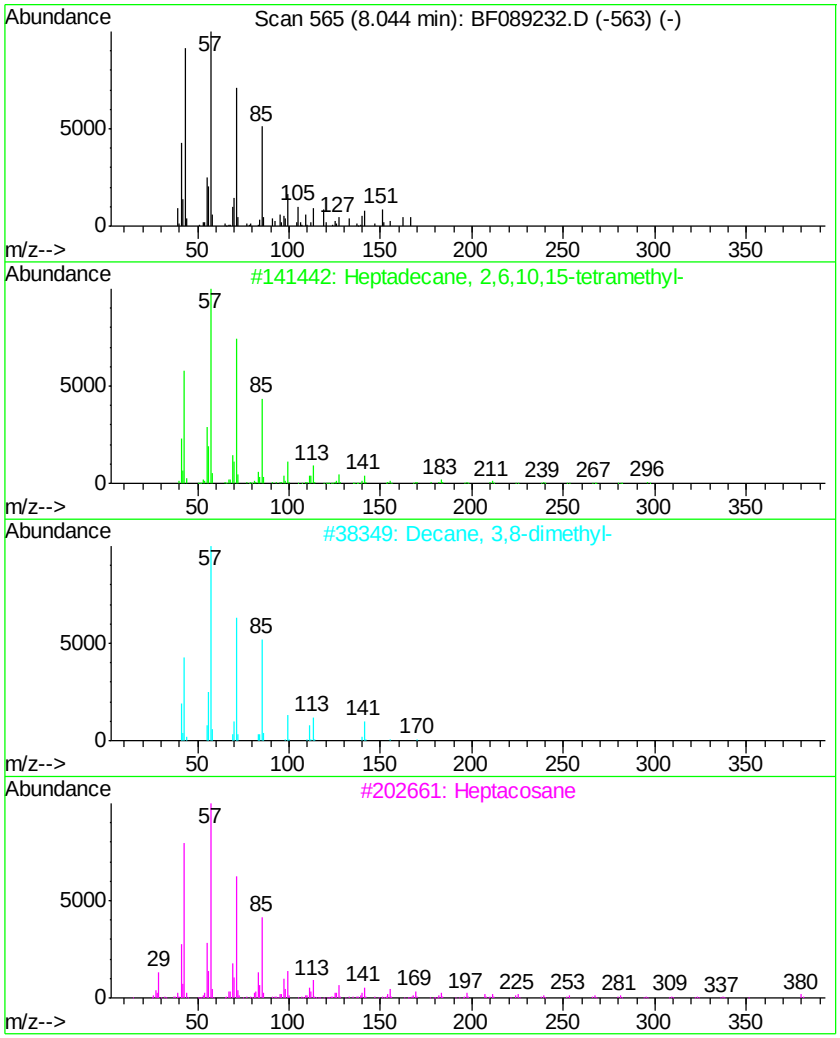
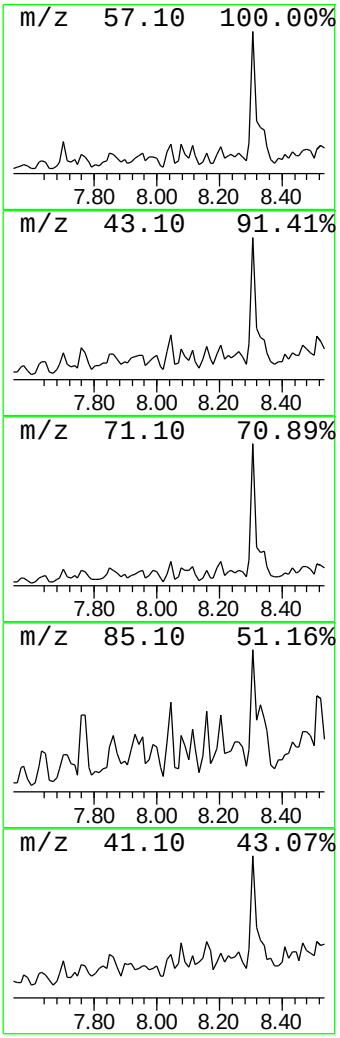
Peak Number 13 Heptadecane, 2,6,10,15-tetr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	6.17 ng	142617	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	86
3	Heptacosane	380	C27H56	000593-49-7	78
4	Octadecane	254	C18H38	000593-45-3	78
5	Hexadecane	226	C16H34	000544-76-3	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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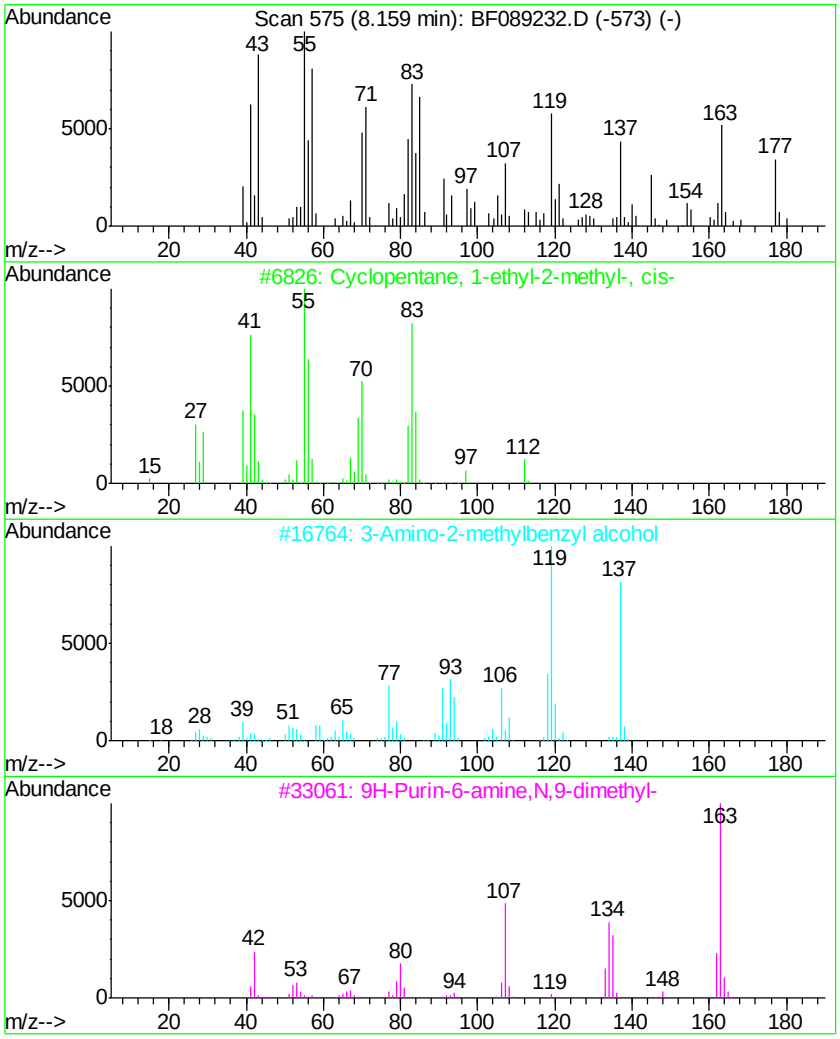
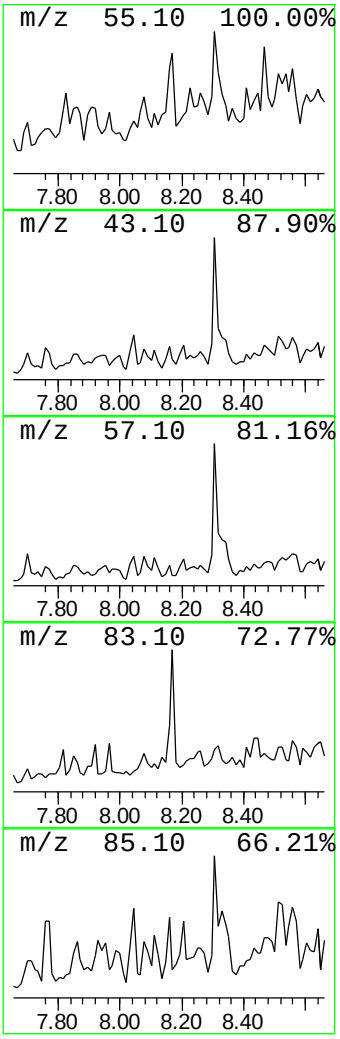
Peak Number 14 unknown8.16 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	8.64 ng	199694	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	25
2	3-Amino-2-methylbenzyl alcohol	137	C8H11NO	083647-42-1	25
3	9H-Purin-6-amine,N,9-dimethyl-	163	C7H9N5	002009-52-1	15
4	Octane, 4-methyl-	128	C9H20	002216-34-4	11
5	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	11





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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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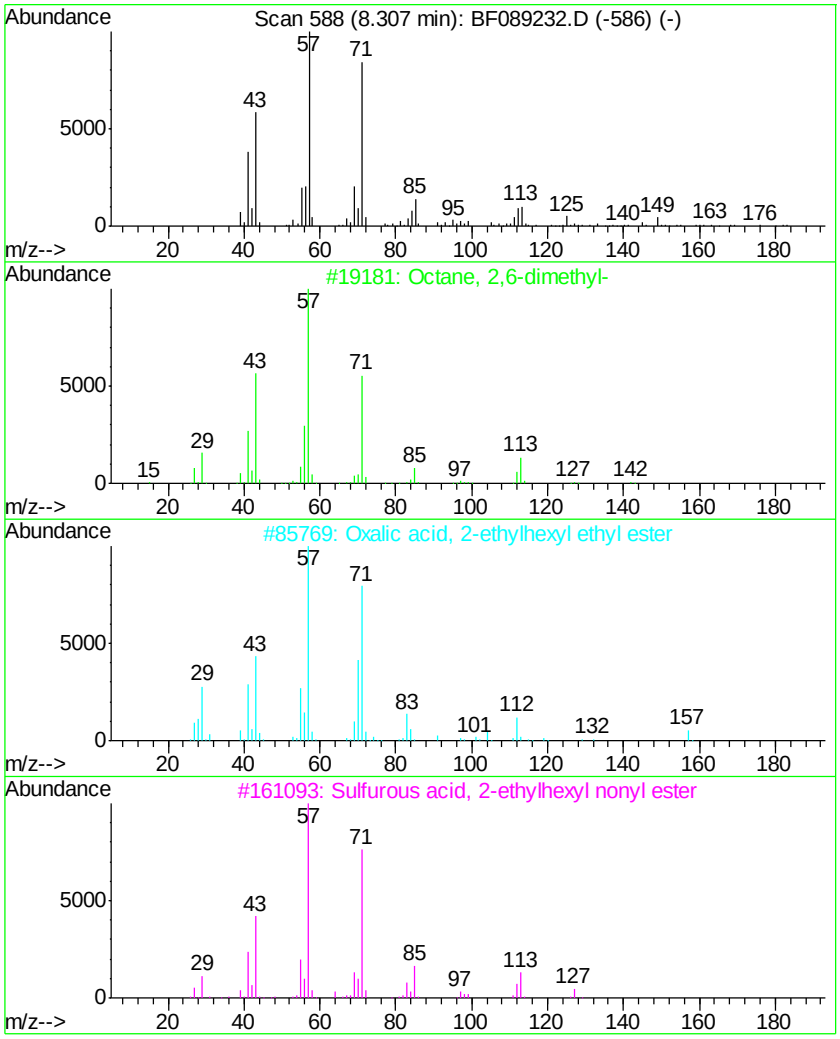
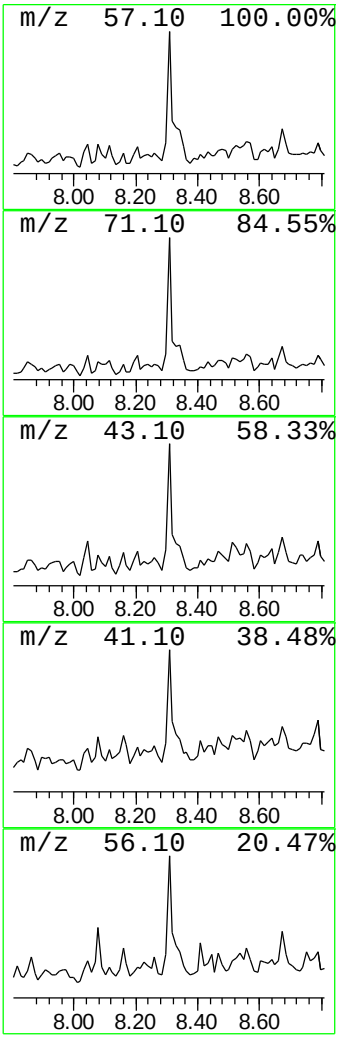
Peak Number 15 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	33.27 ng	768690	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	64
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
4	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	59
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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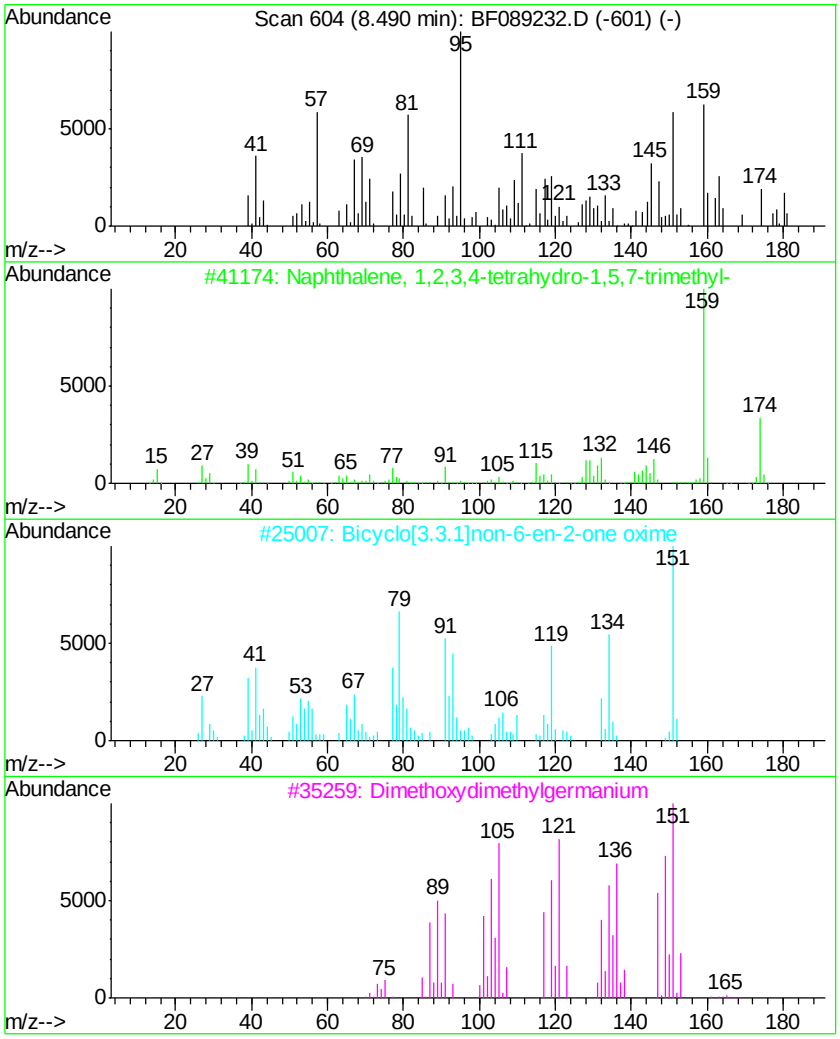
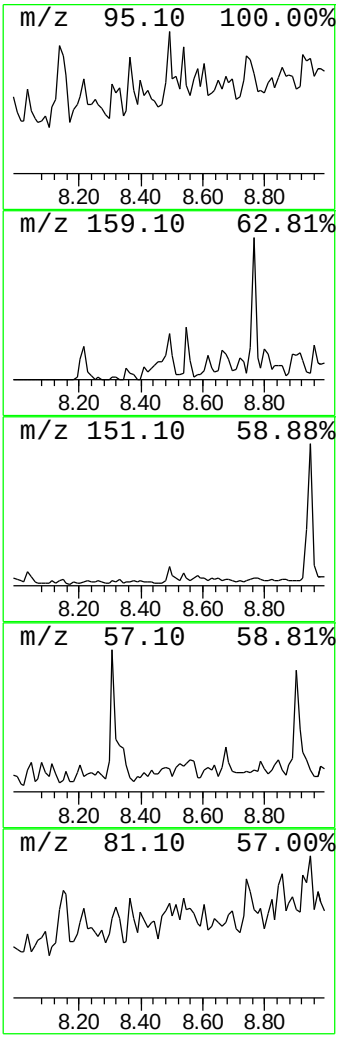
Peak Number 16 unknown8.49 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	7.76 ng	179226	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	25
2	Bicyclo[3.3.1]non-6-en-2-one oxime	151	C9H13NO	1000186-04-7	25
3	Dimethoxydimethylgermanium	166	C4H12GeO2	004531-27-5	25
4	1,4-Dimethyl-2-cyclopentylbenzene	174	C13H18	062379-92-4	11
5	5',6',7',8'-Tetrahydro-2'-aceton...	174	C12H14O	000774-55-0	11





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TIC Library : C:\Database\NIST11.L
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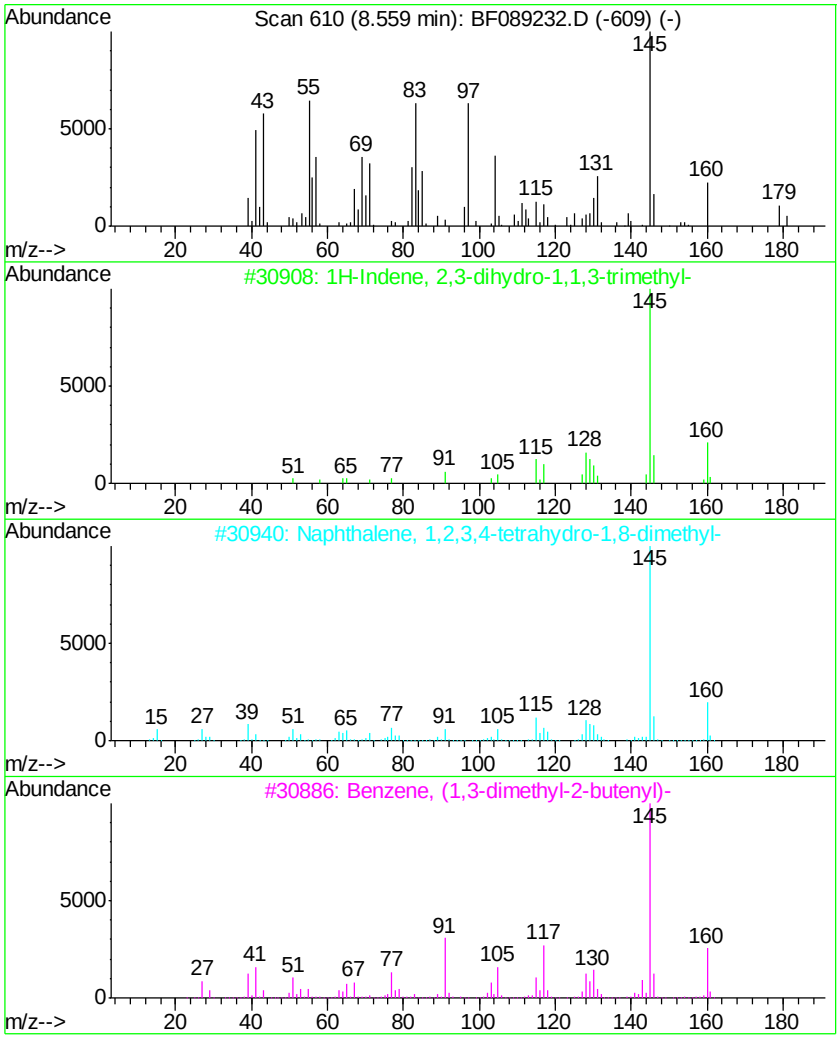
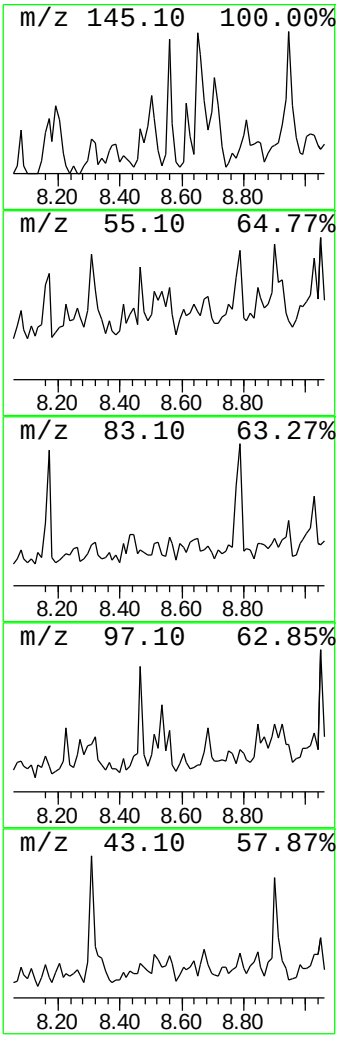
Peak Number 17 unknown8.56 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	6.94 ng	160436	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	38
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	35
3	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	35
4	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	30
5	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	27





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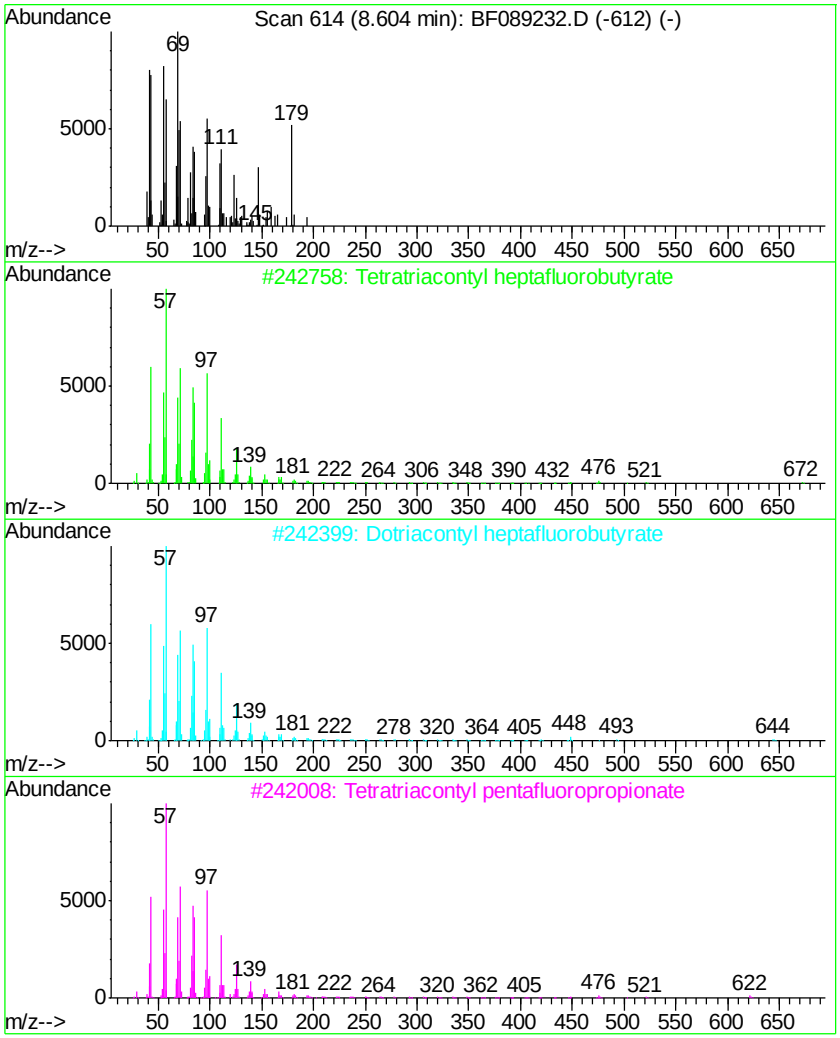
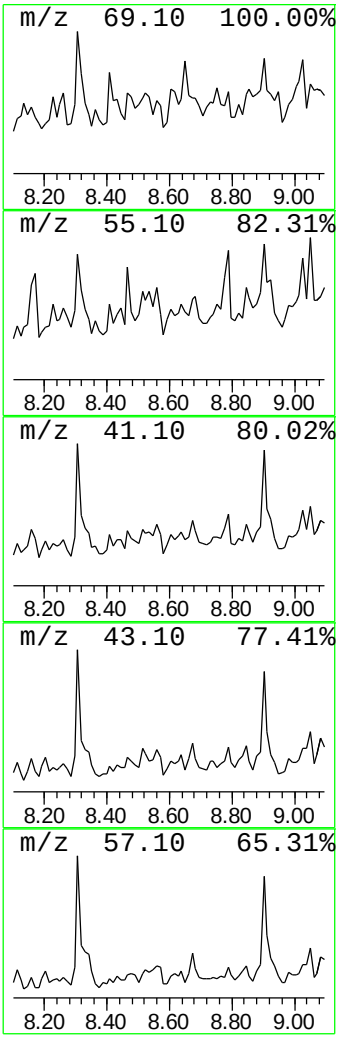
Peak Number 18 unknown8.60 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	6.86 ng	158565	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	38
2	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	38
3	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	38
4	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	38
5	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	38





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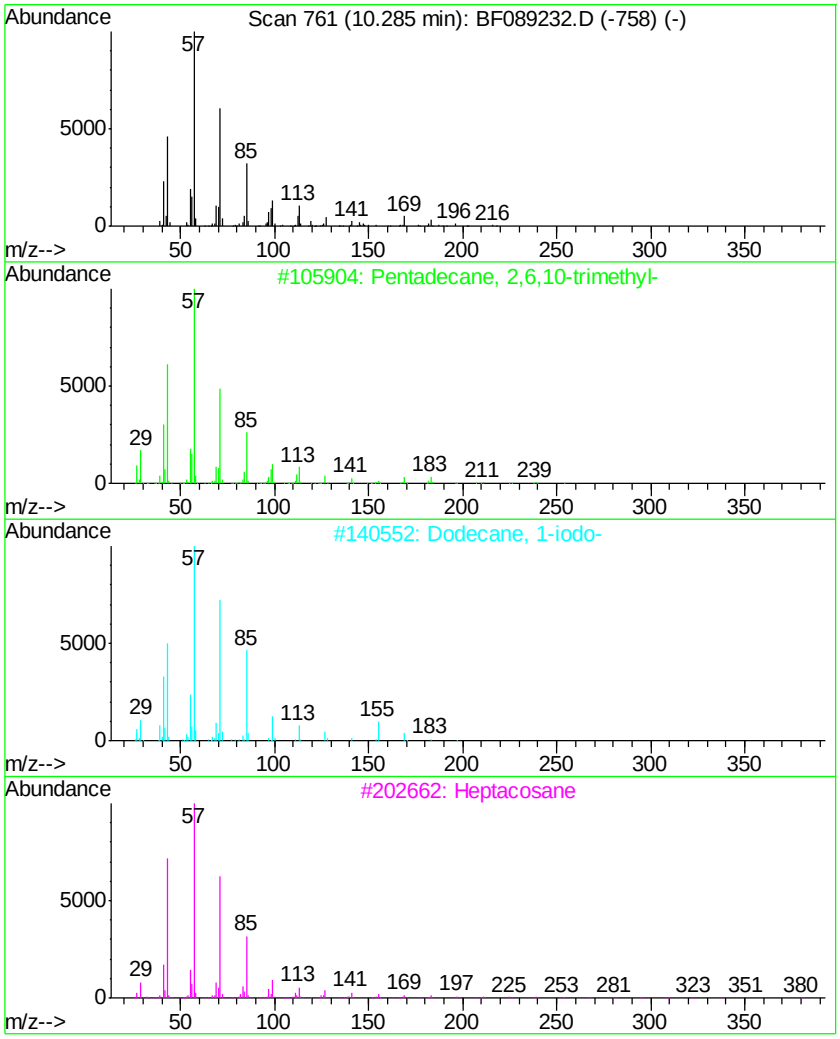
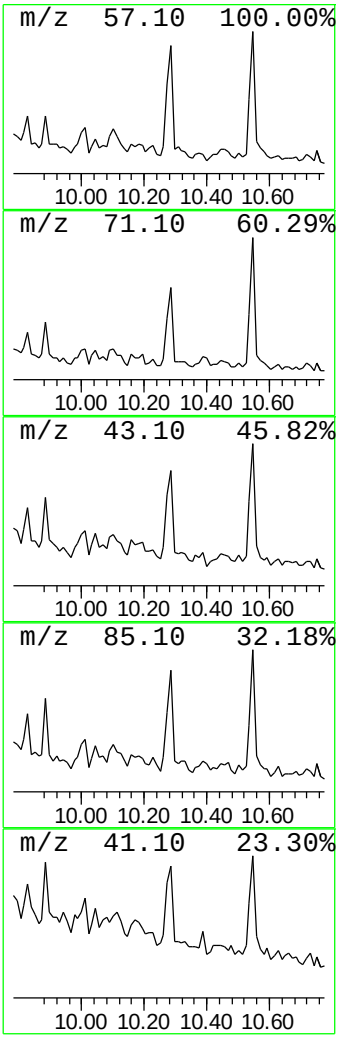
Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	5.97 ng	205567	Acenaphthene-d10	9.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
3	Heptacosane	380	C27H56	000593-49-7	80
4	Hentriacontane	437	C31H64	000630-04-6	80
5	Hexacosane	366	C26H54	000630-01-3	72





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ALS Vial : 33 Sample Multiplier: 1

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ClientSampleId : DUP-01

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TIC Integration Parameters: LSCINT.P

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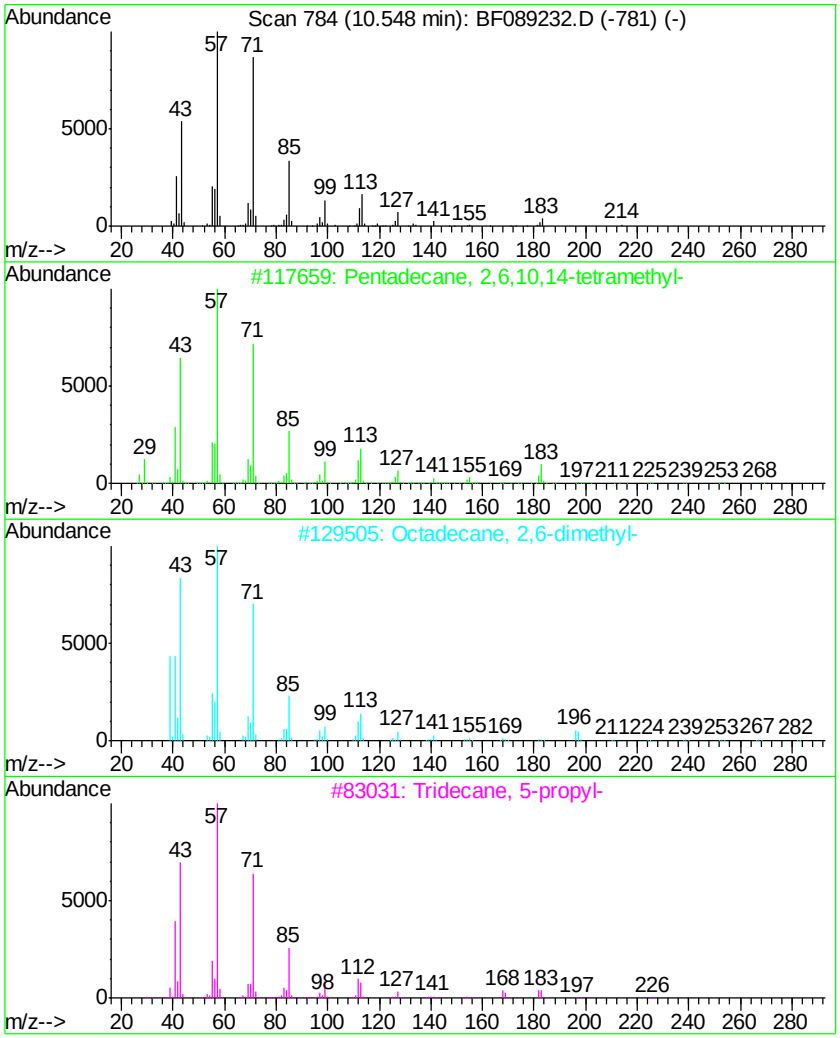
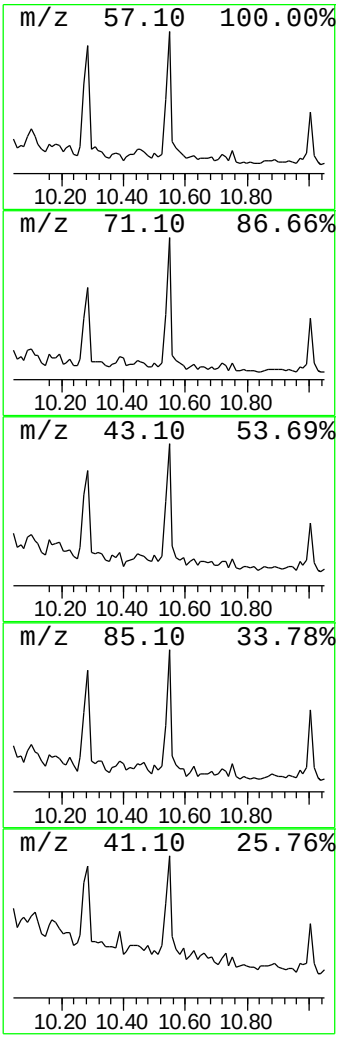
Peak Number 20 Pentadecane, 2,6,10,14-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	11.03 ng	269308	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	83
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089232.D
Acq On : 23 Jul 2016 12:28
Operator : UM/SJ
Sample : H4120-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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
Octane, 3,6-dimet...	5.82	8.3	ng	132030	1	6.58	318751	20.0
Ethanone, 1-(1-me...	6.32	5.7	ng	90902	1	6.58	318751	20.0
unknown6.34	6.34	70.3	ng	1121030	1	6.58	318751	20.0
unknown6.51	6.51	5.6	ng	89833	1	6.58	318751	20.0
unknown6.66	6.66	8.4	ng	133483	1	6.58	318751	20.0
unknown6.84	6.84	6.3	ng	100103	1	6.58	318751	20.0
unknown7.23	7.23	5.7	ng	131296	2	7.86	462043	20.0
Naphthalene, deca...	7.39	6.3	ng	145855	2	7.86	462043	20.0
Cyclopentane, 1-m...	7.50	12.5	ng	288200	2	7.86	462043	20.0
1-Decanol, 2-hexyl-	7.70	6.2	ng	143799	2	7.86	462043	20.0
Heptadecane, 2,6,...	8.04	6.2	ng	142617	2	7.86	462043	20.0
unknown8.16	8.16	8.6	ng	199694	2	7.86	462043	20.0
Octane, 2,6-dimet...	8.31	33.3	ng	768690	2	7.86	462043	20.0
unknown8.49	8.49	7.8	ng	179226	2	7.86	462043	20.0
unknown8.56	8.56	6.9	ng	160436	2	7.86	462043	20.0
unknown8.60	8.60	6.9	ng	158565	2	7.86	462043	20.0
Pentadecane, 2,6,...	10.28	6.0	ng	205567	3	9.61	688727	20.0
Pentadecane, 2,6,...	10.55	11.0	ng	269308	4	11.08	488177	20.0