LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089231.D
Acq On : 23 Jul 2016 11:58
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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	30	rVB	1010572	1846620	95.54%	8.616%
2	4.696	267	272	279	rBV	31949	60106	3.11%	0.280%
3	5.153	311	312	322	rBV2	378326	630226	32.61%	2.940%
4	5.381	330	332	336	rVB3	13866	27383	1.42%	0.128%
5	5.564	344	348	350	rVB2	30248	53055	2.75%	0.248%
6	5.610	350	352	355	rBV3	11845	28675	1.48%	0.134%
7	5.701	358	360	363	rVB2	48991	57788	2.99%	0.270%
8	5.770	363	366	368	rBV	28885	46641	2.41%	0.218%
9	5.816	368	370	373	rVB3	79015	114987	5.95%	0.536%
10	5.873	373	375	376	rBV	46231	54216	2.81%	0.253%
11	6.010	383	387	390	rBV	32470	78211	4.05%	0.365%
12	6.090	390	394	395	rBV3	44923	48885	2.53%	0.228%
13	6.113	395	396	399	rVB3	21479	38882	2.01%	0.181%
14	6.181	399	402	404	rBV2	22538	40433	2.09%	0.189%
15	6.227	404	406	412	rVV2	287825	486413	25.17%	2.269%
16	6.341	414	416	422	rVV	890020	1184144	61.27%	5.525%
17	6.433	422	424	425	rVB2	31957	43226	2.24%	0.202%
18	6.513	430	431	434	rVV3	33796	81263	4.20%	0.379%
19	6.582	434	437	440	rVV	224960	315116	16.30%	1.470%
20	6.662	440	444	447	rVV3	36361	121308	6.28%	0.566%
21	6.730	448	450	455	rVV	1009440	1265161	65.46%	5.903%
22	6.844	457	460	463	rVB5	34776	87427	4.52%	0.408%
23	6.924	465	467	469	rBV2	19586	36422	1.88%	0.170%
24	6.970	469	471	472	rVB	77784	62201	3.22%	0.290%
25	7.004	472	474	475	rBV2	37650	34670	1.79%	0.162%
26	7.153	484	487	491	rBV	790207	925154	47.87%	4.316%
27	7.233	491	494	496	rVB2	59235	114898	5.94%	0.536%
28	7.279	496	498	499	rBV	27202	31271	1.62%	0.146%
29	7.347	502	504	506	rVB3	38032	60824	3.15%	0.284%
30	7.393	506	508	510	rBV	90289	130849	6.77%	0.610%
31	7.439	510	512	514	rBV2	50147	81721	4.23%	0.381%
32	7.496	514	517	523	rBV6	123796	244961	12.67%	1.143%
33	7.576	523	524	526	rBV2	33077	40317	2.09%	0.188%
34	7.633	526	529	532	rVB3	43814	99338	5.14%	0.463%

LSC Area Percent Report

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Acq On : 23 Jul 2016 11:58
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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	7.702	532	535	537	rBV2	85954	136999	7.09%	0.639%
36	7.770	537	541	543	rBV2	66409	132223	6.84%	0.617%
37	7.816	543	545	546	rBV2	22692	43142	2.23%	0.201%
38	7.862	546	549	551	rBV	419948	468507	24.24%	2.186%
39	7.896	551	552	555	rVB3	53559	96636	5.00%	0.451%
40	7.999	559	561	563	rVB2	71337	79677	4.12%	0.372%
41	8.045	563	565	566	rBV	95564	145519	7.53%	0.679%
42	8.079	566	568	570	rVB3	101158	117037	6.06%	0.546%
43	8.159	573	575	577	rVB2	137411	174709	9.04%	0.815%
44	8.205	577	579	580	rBV2	76930	112803	5.84%	0.526%
45	8.307	586	588	595	rBV	285954	703711	36.41%	3.283%
46	8.410	595	597	598	rBV	107709	133531	6.91%	0.623%
47	8.490	601	604	605	rBV2	80482	166489	8.61%	0.777%
48	8.605	612	614	616	rBV2	86360	150546	7.79%	0.702%
49	8.639	616	617	619	rVV2	88091	159095	8.23%	0.742%
50	8.673	619	620	624	rVB3	103778	176842	9.15%	0.825%
51	8.787	629	630	632	rVV2	158219	171318	8.86%	0.799%
52	8.845	634	635	637	rVV2	100203	136683	7.07%	0.638%
53	8.902	637	640	641	rVV	206824	308685	15.97%	1.440%
54	8.947	641	644	646	rVV	1754431	1932752	100.00%	9.017%
55	9.027	649	651	652	rVV2	142064	180360	9.33%	0.841%
56	9.085	654	656	657	rVV	137476	171954	8.90%	0.802%
57	9.153	660	662	664	rBV3	88506	110709	5.73%	0.517%
58	9.187	664	665	666	rBV	59502	56205	2.91%	0.262%
59	9.222	666	668	672	rBV3	68825	164740	8.52%	0.769%
60	9.325	675	677	678	rBV	159567	262065	13.56%	1.223%
61	9.359	678	680	681	rVB2	298348	275894	14.27%	1.287%
62	9.519	692	694	699	rVB4	117491	195058	10.09%	0.910%
63	9.610	699	702	705	rBV2	546577	711760	36.83%	3.321%
64	9.885	724	726	728	rVB2	134632	124598	6.45%	0.581%
65	9.942	728	731	733	rVB4	75592	148300	7.67%	0.692%
66	10.010	735	737	739	rVB2	106730	105432	5.46%	0.492%
67	10.045	739	740	741	rBV	28586	20458	1.06%	0.095%
68	10.285	758	761	762	rVB	117253	151776	7.85%	0.708%
69	10.319	762	764	766	rVB3	45782	70019	3.62%	0.327%
70	10.399	768	771	777	rVB	896703	1121212	58.01%	5.231%
71	10.548	781	784	787	rVB	131643	190220	9.84%	0.887%

LSC Area Percent Report

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Acq On : 23 Jul 2016 11:58
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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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Peak separation: 5

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

72	10.593	787	788	789	rVB	41191	28257	1.46%	0.132%
73	10.730	798	800	806	rVB5	49637	102284	5.29%	0.477%
74	11.005	823	824	827	rVB	71364	66915	3.46%	0.312%
75	11.085	829	831	840	rVB	451202	512215	26.50%	2.390%
76	11.633	878	879	883	rBV2	28151	53865	2.79%	0.251%
77	12.125	920	922	929	rVB8	7168	19583	1.01%	0.091%
78	12.422	945	948	952	rVB4	13854	24407	1.26%	0.114%
79	12.502	954	955	957	rBV2	34785	44018	2.28%	0.205%
80	12.674	967	970	972	rBV	1202390	1679644	86.90%	7.837%
81	13.211	1015	1017	1018	rBV	31802	30566	1.58%	0.143%
82	13.588	1047	1050	1057	rVB3	23217	48539	2.51%	0.226%
83	13.702	1057	1060	1067	rBV	358317	392026	20.28%	1.829%
84	15.039	1175	1177	1181	rBV	172104	250793	12.98%	1.170%

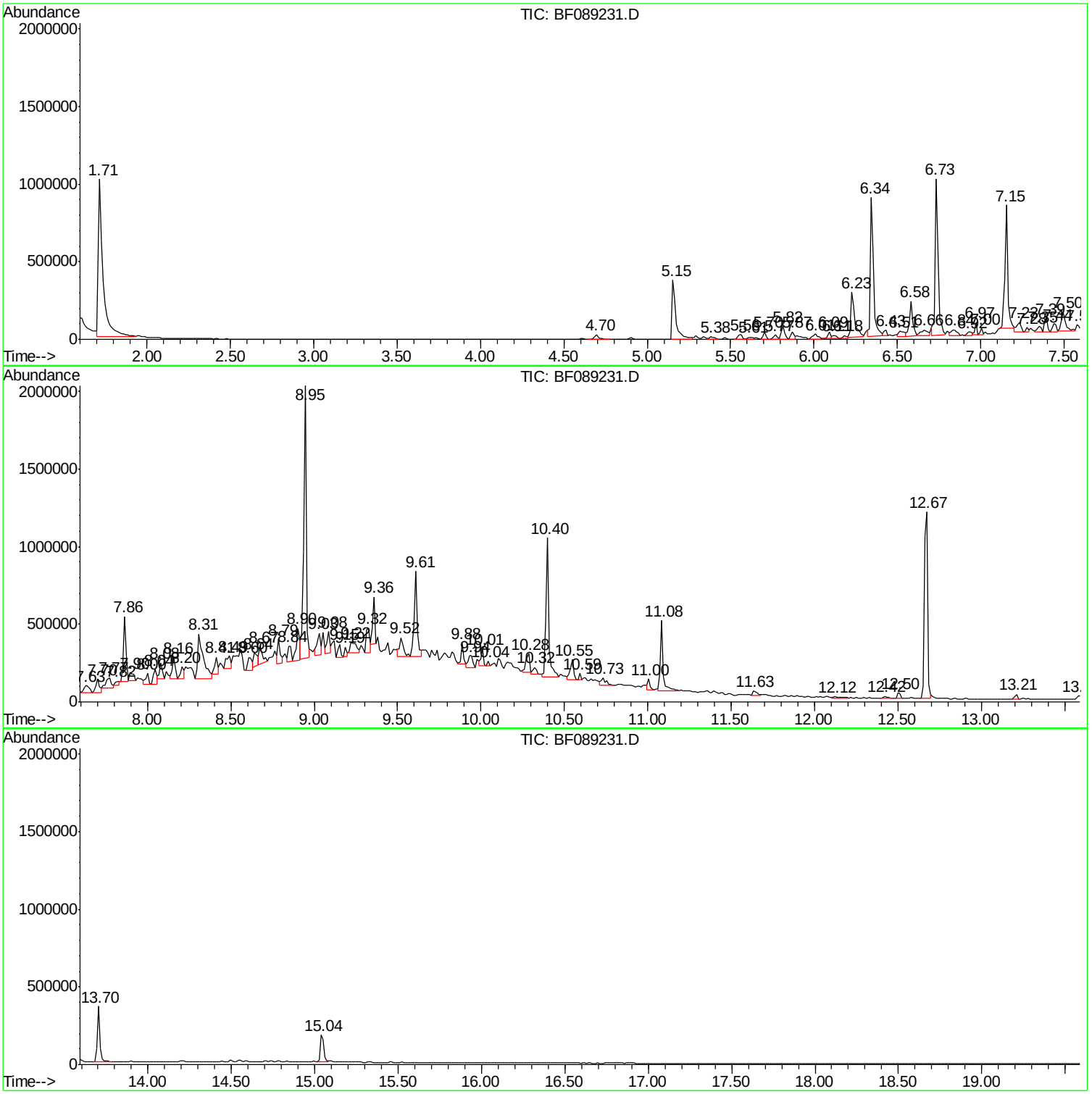
Sum of corrected areas: 21433568

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089231.D
Acq On : 23 Jul 2016 11:58
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0

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 : BF089231.D
Acq On : 23 Jul 2016 11:58
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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

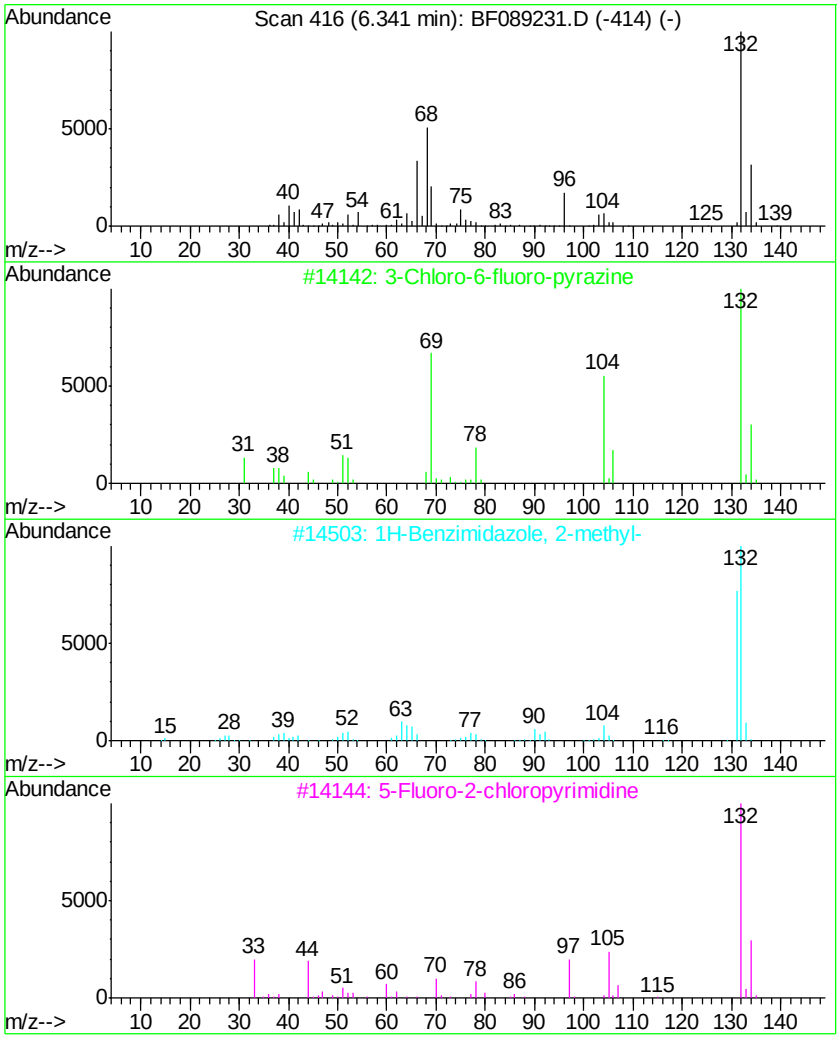
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

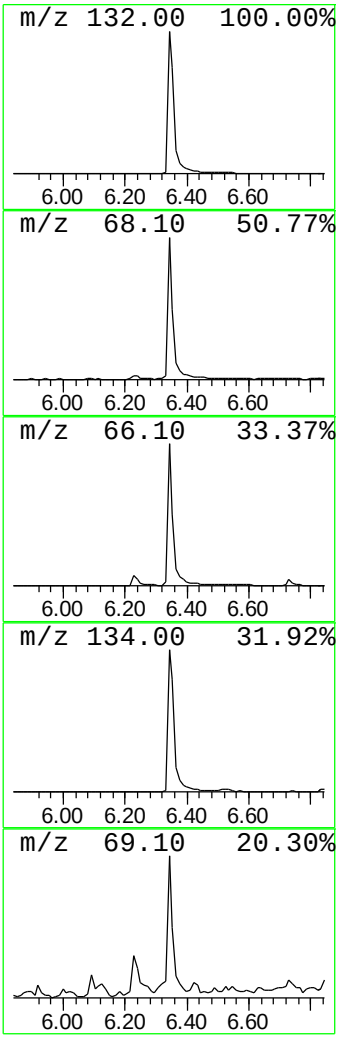
****

Peak Number 3 unknown6.34 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	75.16 ng	1184140	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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089231.D
Acq On : 23 Jul 2016 11:58
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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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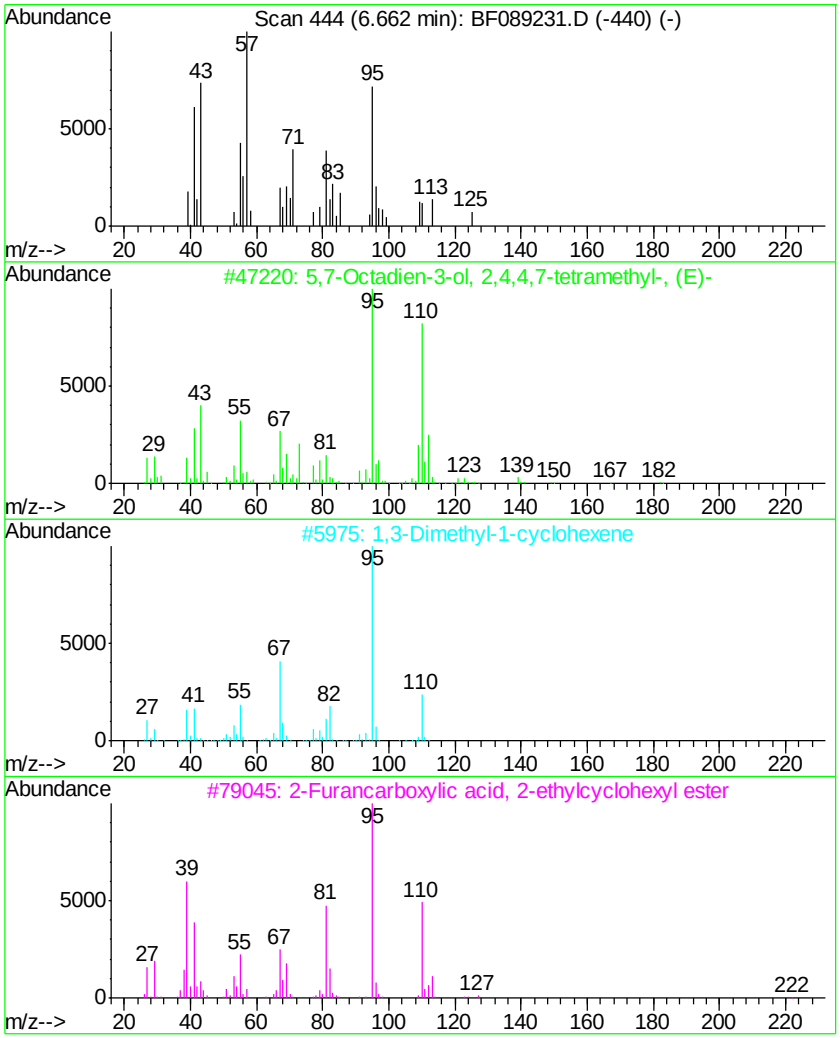
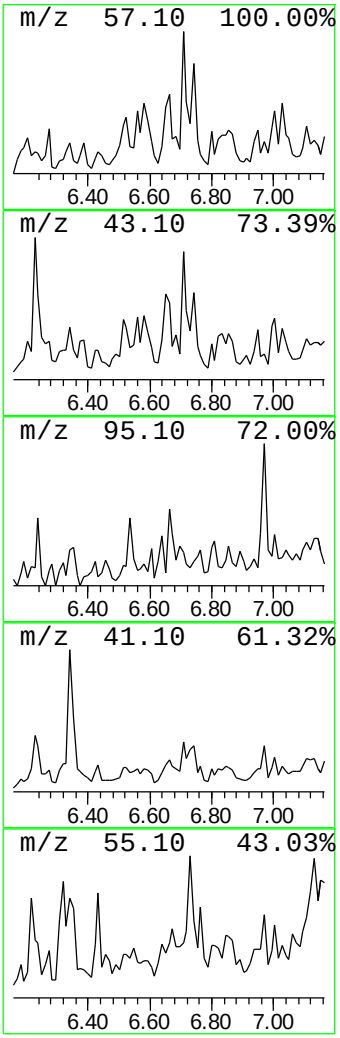
Peak Number 4 unknown6.66 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	7.70 ng	121308	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,7-Octadien-3-ol, 2,4,4,7-tetra...	182	C12H22O	077142-78-0	35
2	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	30
3	2-Furancarboxylic acid, 2-ethylc...	222	C13H18O3	1000278-83-7	27
4	1-Decanol, 2-ethyl-	186	C12H26O	021078-65-9	27
5	2-Isopropylimidazole	110	C6H10N2	036947-68-9	25





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089231.D
Acq On : 23 Jul 2016 11:58
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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
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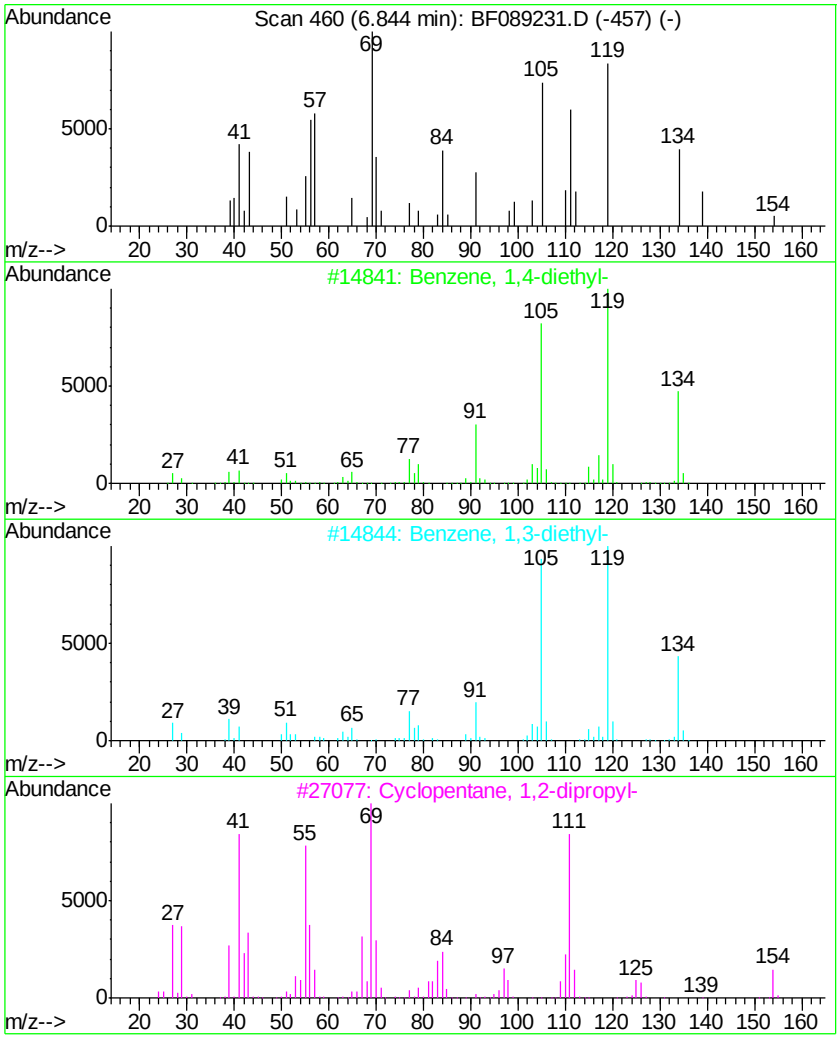
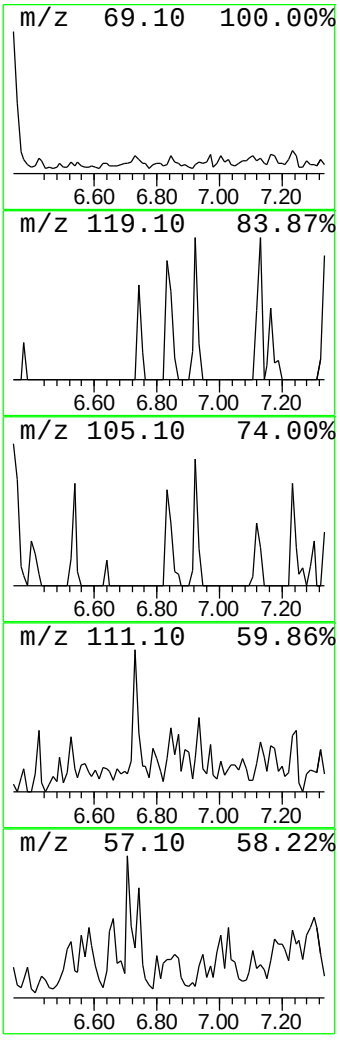
****

Peak Number 6 unknown6.84 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	5.55 ng	87427	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	25
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	25
3	Cyclopentane, 1,2-dipropyl-	154	C11H22	091242-57-8	25
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	25
5	2-Decene, 2-methyl-	154	C11H22	023381-92-2	22





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Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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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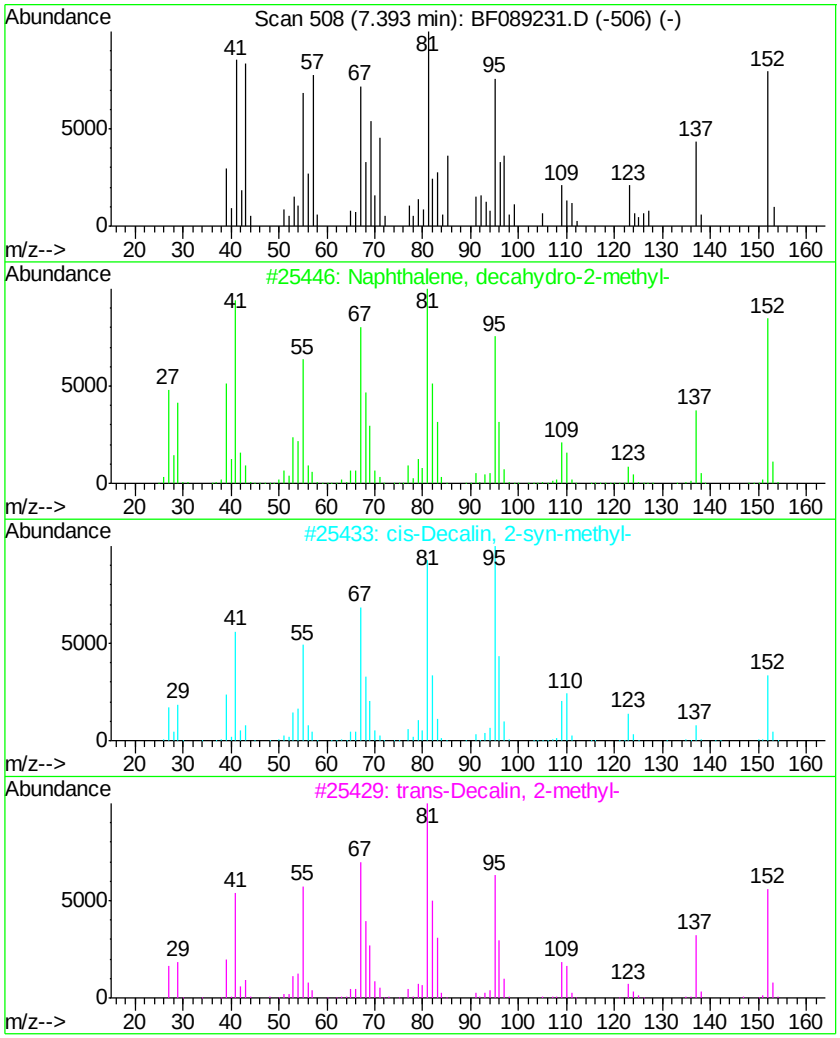
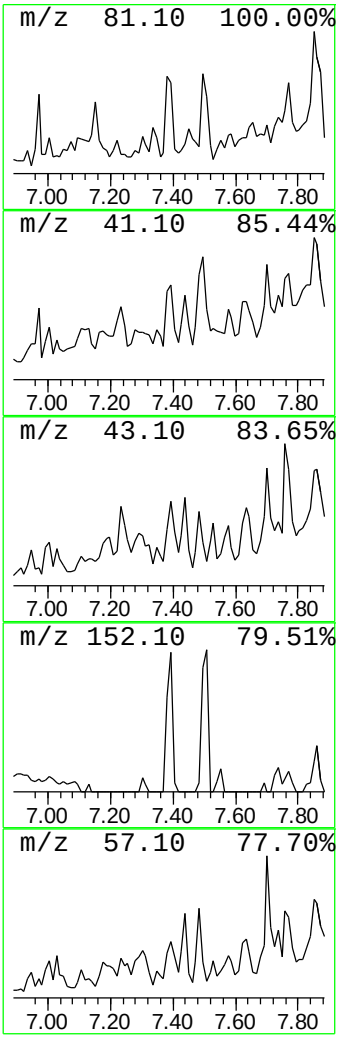
Peak Number 7 Naphthalene, decahydro-2-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	5.59 ng	130849	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	89
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	89
3	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	74
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	58





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Misc :
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Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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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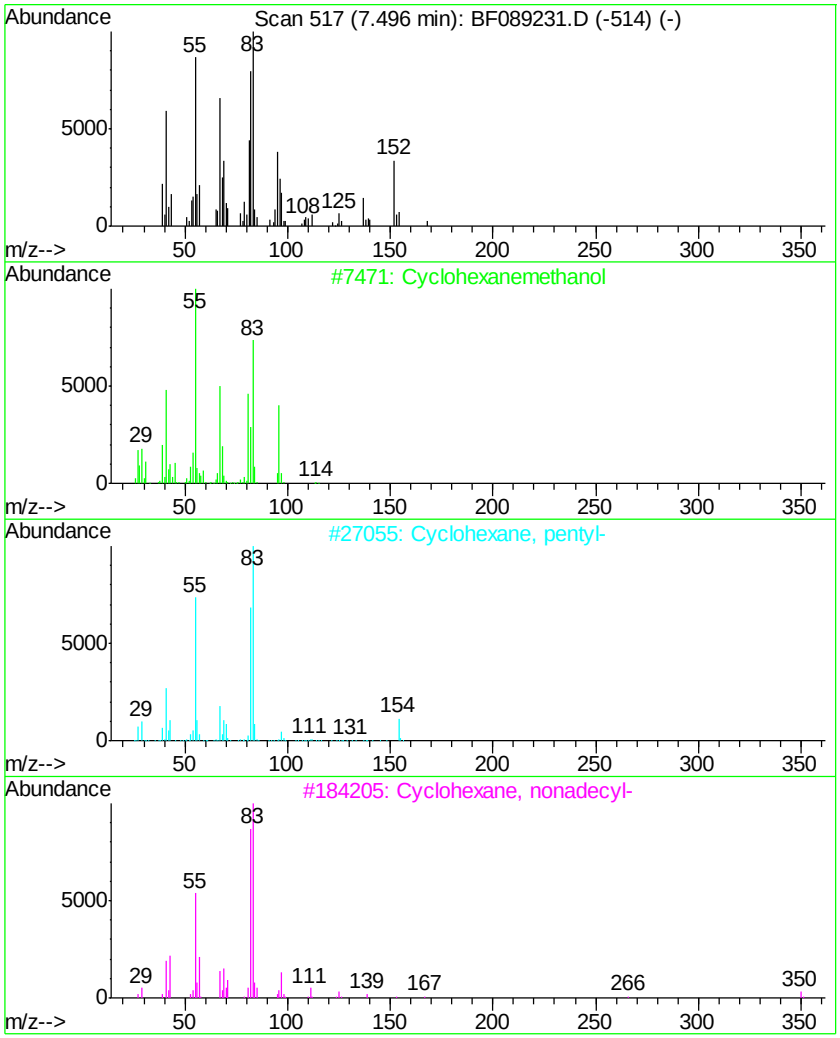
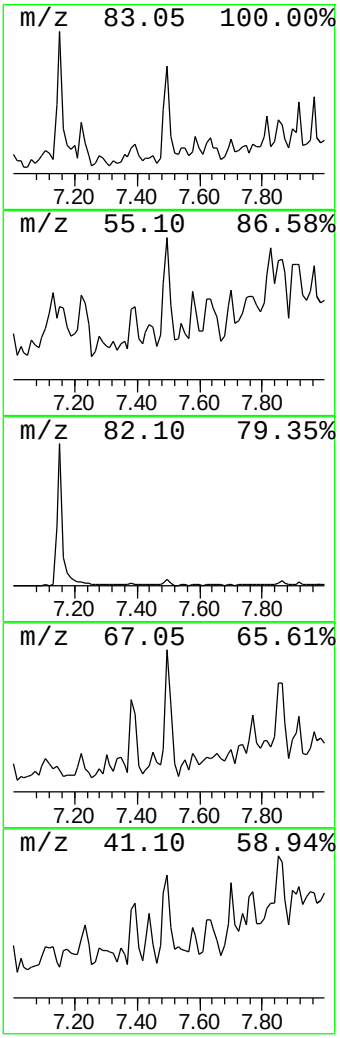
Peak Number 8 Cyclohexanemethanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	10.46 ng	244961	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol	114	C7H14O	000100-49-2	52
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	52
3	Cyclohexane, nonadecyl-	350	C25H50	022349-03-7	47
4	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	45
5	Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	38





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089231.D
Acq On : 23 Jul 2016 11:58
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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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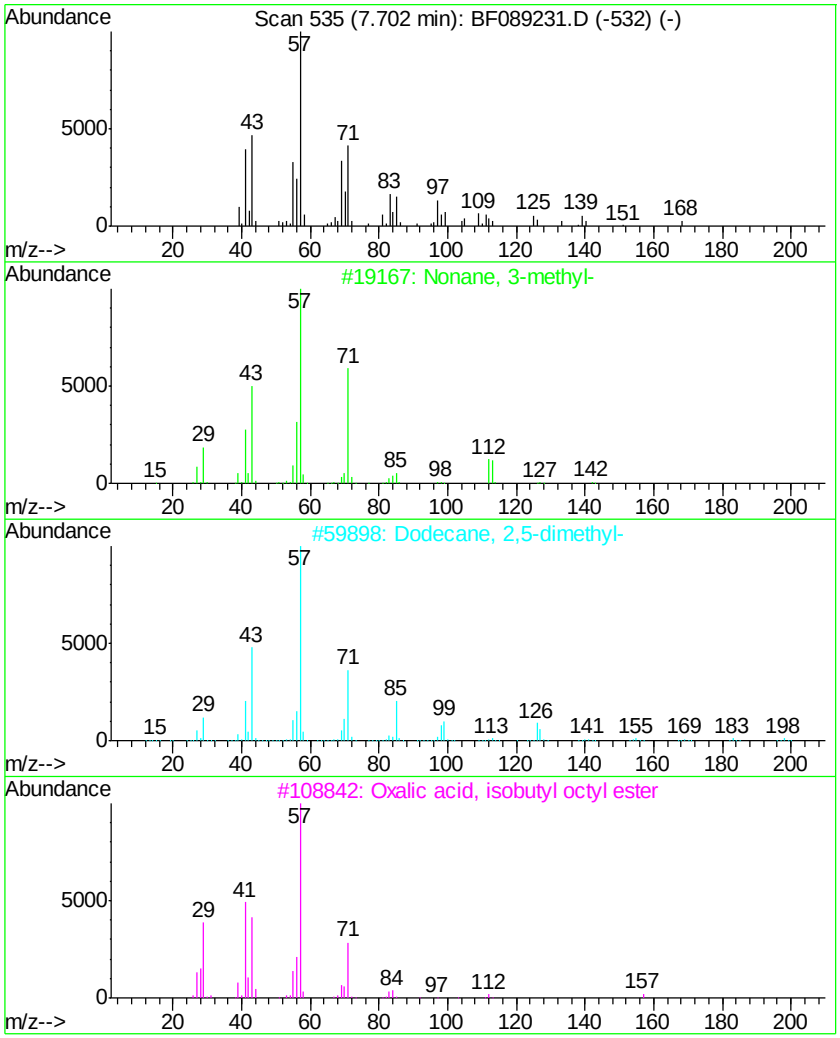
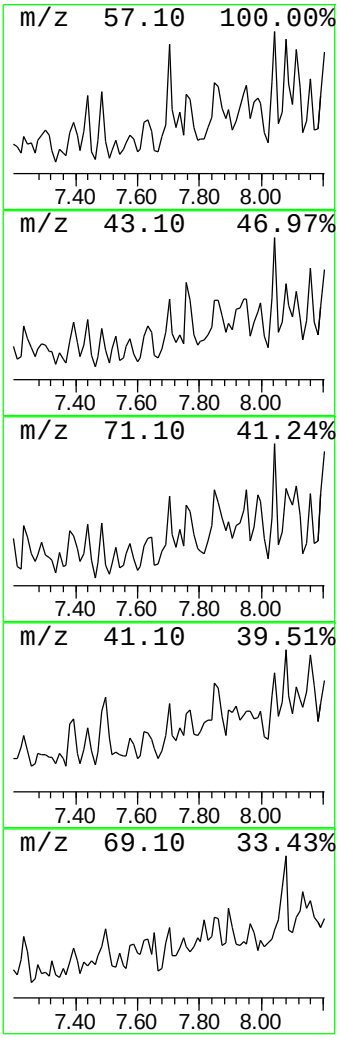
Peak Number 9 Nonane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	5.85 ng	136999	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
2	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	50
3	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	50
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50
5	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	50





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Data File : BF089231.D
Acq On : 23 Jul 2016 11:58
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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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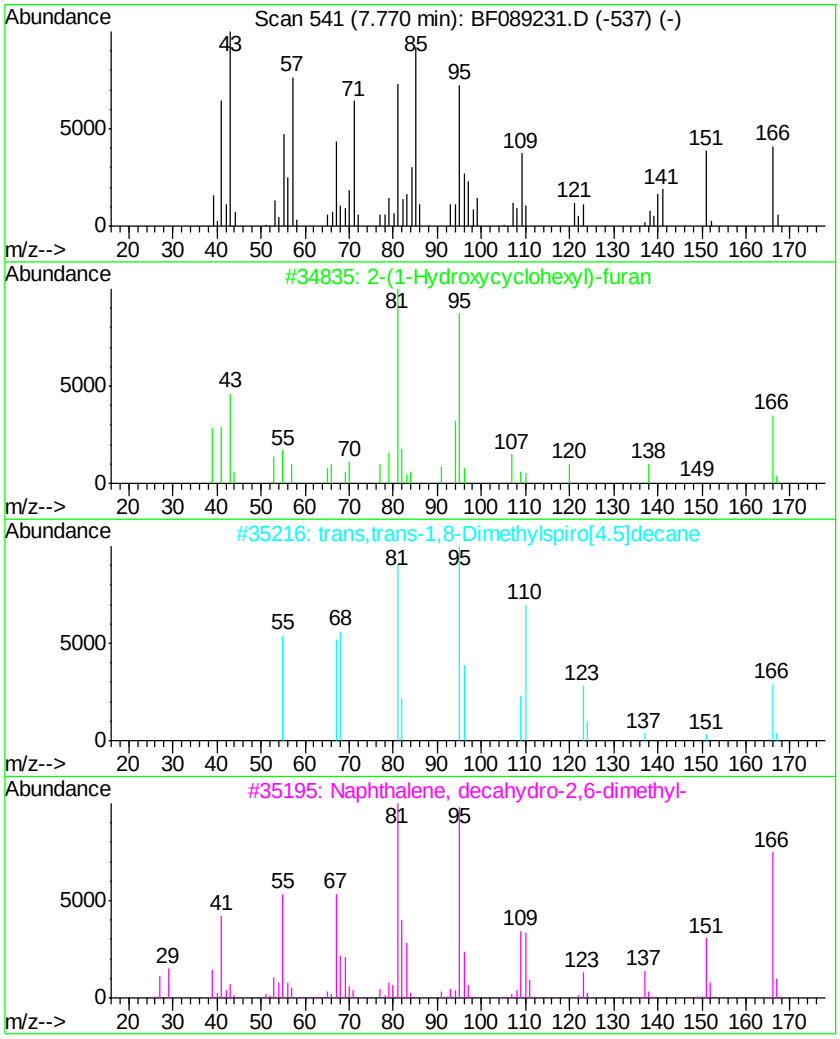
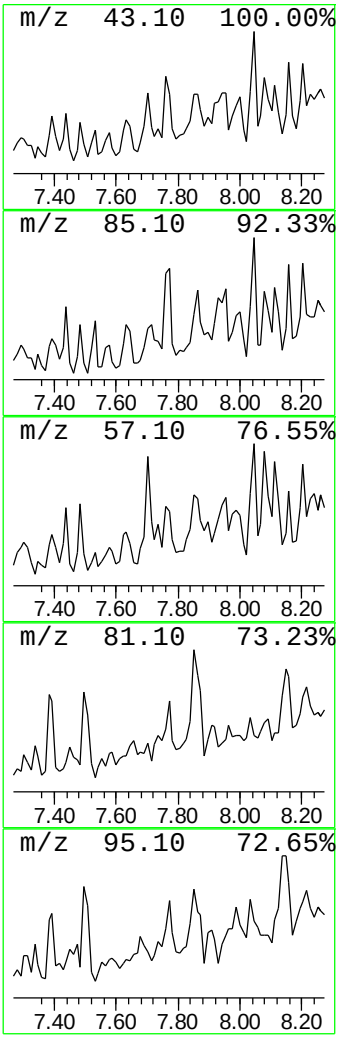
Peak Number 10 unknown7.77 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	5.64 ng	132223	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(1-Hydroxycyclohexyl)-furan	166	C10H14O2	036169-67-2	46
2	trans,trans-1,8-Dimethylspiro[4....	166	C12H22	1000111-72-8	43
3	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	38
4	trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	35
5	2(1H)-Naphthalenone, octahydro-4...	166	C11H18O	000938-06-7	35





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Acq On : 23 Jul 2016 11:58
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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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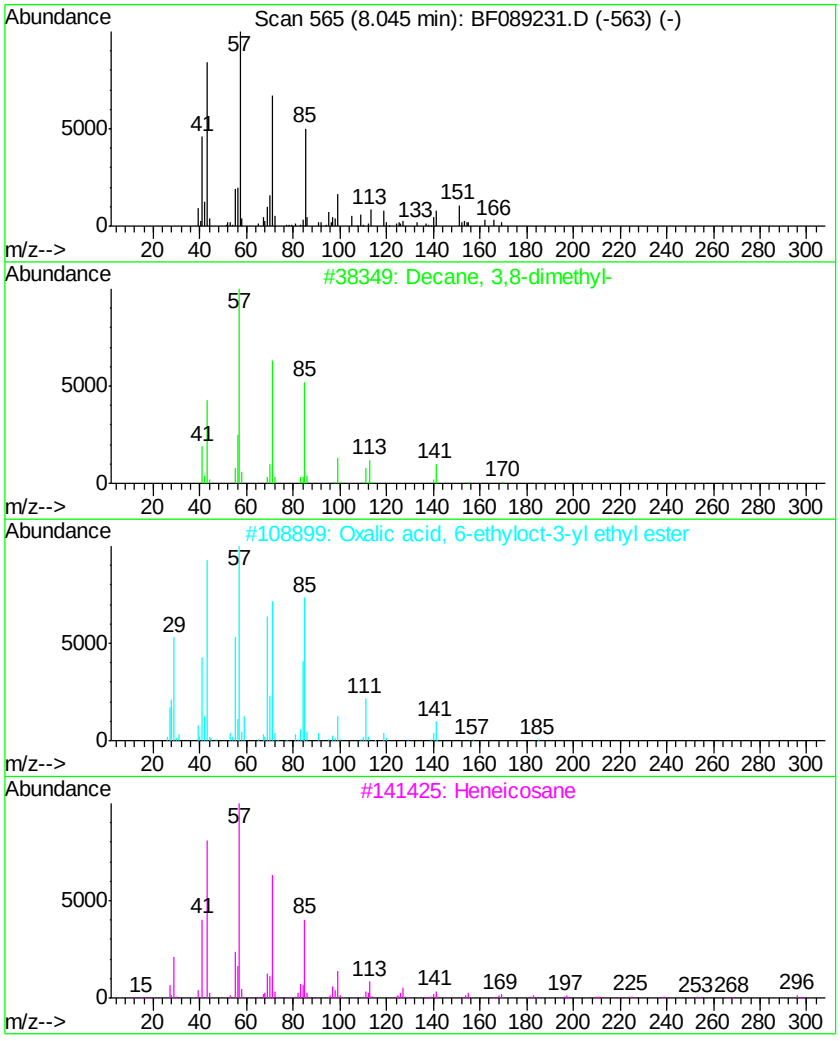
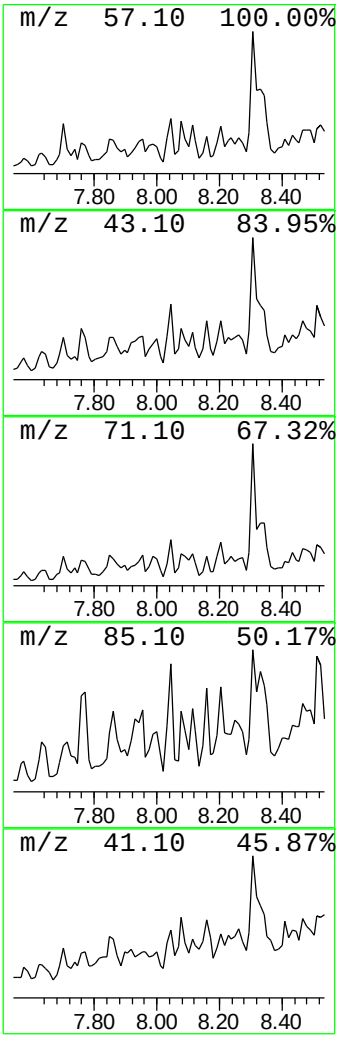
Peak Number 11 Decane, 3,8-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	6.21 ng	145519	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
2	Oxalic acid, 6-ethyloct-3-yl eth...	258	C14H26O4	1000309-33-9	72
3	Heneicosane	296	C21H44	000629-94-7	72
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	64
5	Tetradecane	198	C14H30	000629-59-4	64





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Acq On : 23 Jul 2016 11:58
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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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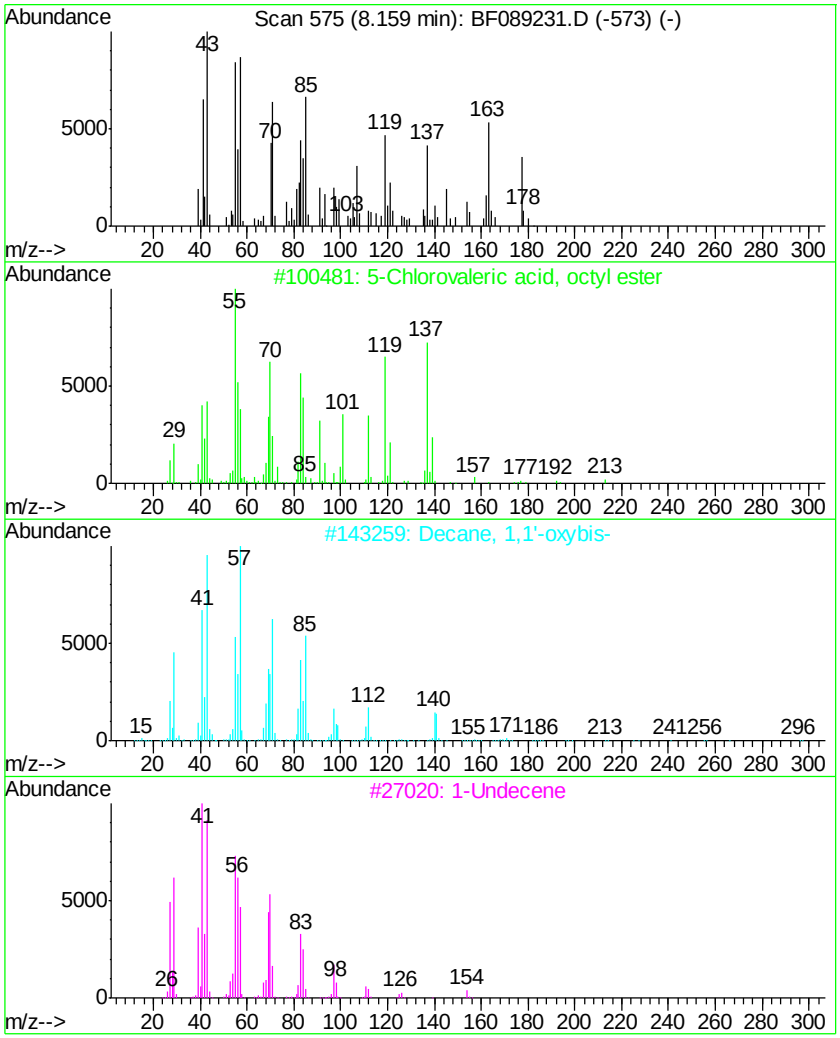
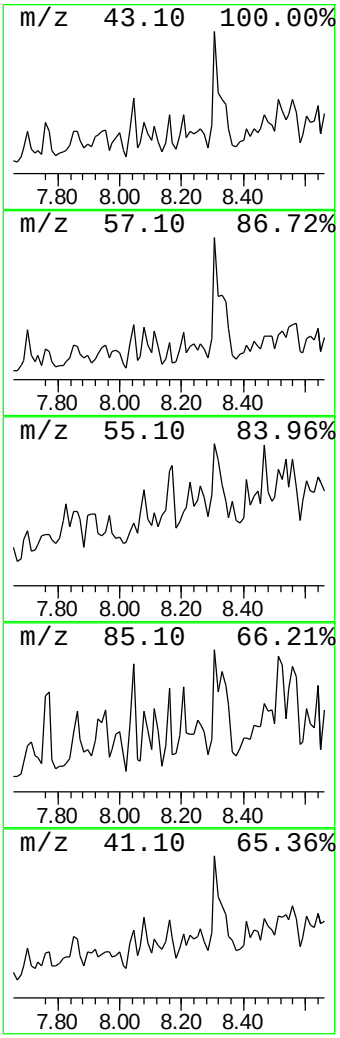
Peak Number 12 unknown8.16 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	7.46 ng	174709	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Chlorovaleric acid, octyl ester	248	C13H25ClO2	1000292-31-2	38
2	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	30
3	1-Undecene	154	C11H22	000821-95-4	25
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	11
5	9H-Purin-6-amine,N,9-dimethyl-	163	C7H9N5	002009-52-1	11





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Acq On : 23 Jul 2016 11:58
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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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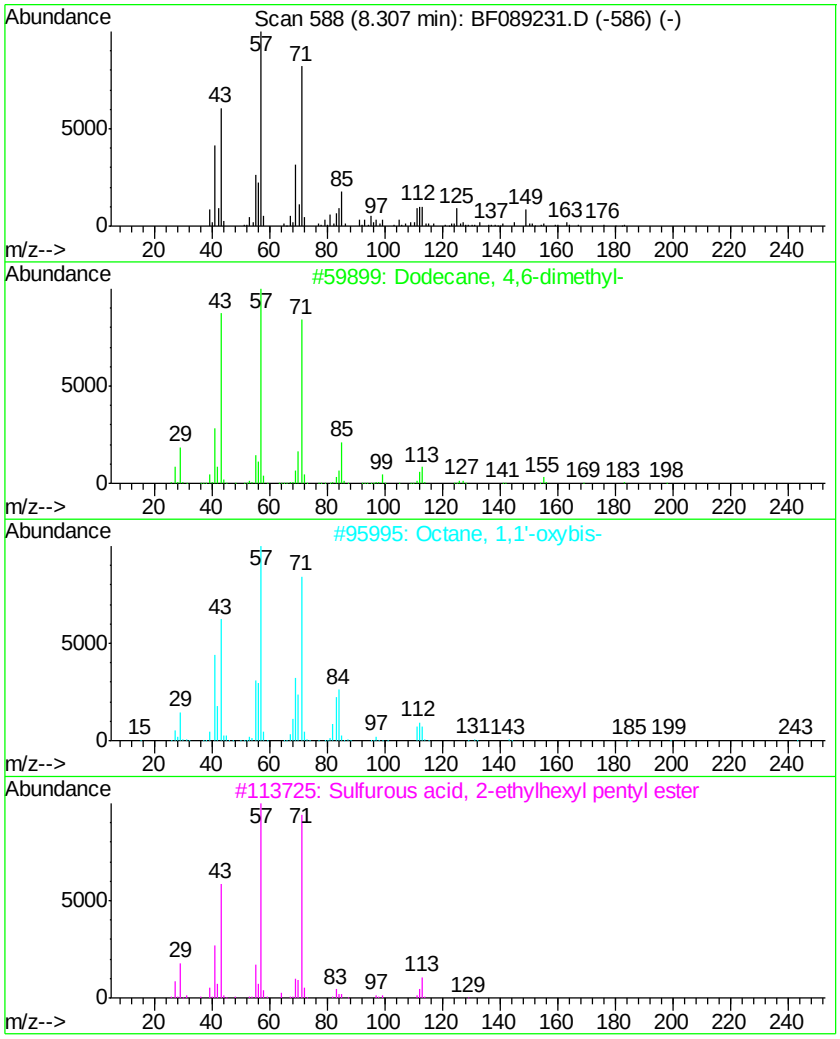
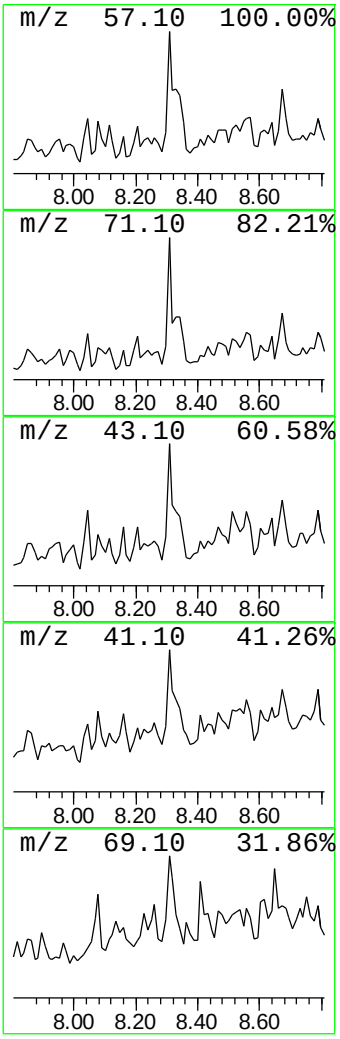
Peak Number 13 Dodecane, 4,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	30.04 ng	703711	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
2	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
3	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	50
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	50
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50





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Data File : BF089231.D
Acq On : 23 Jul 2016 11:58
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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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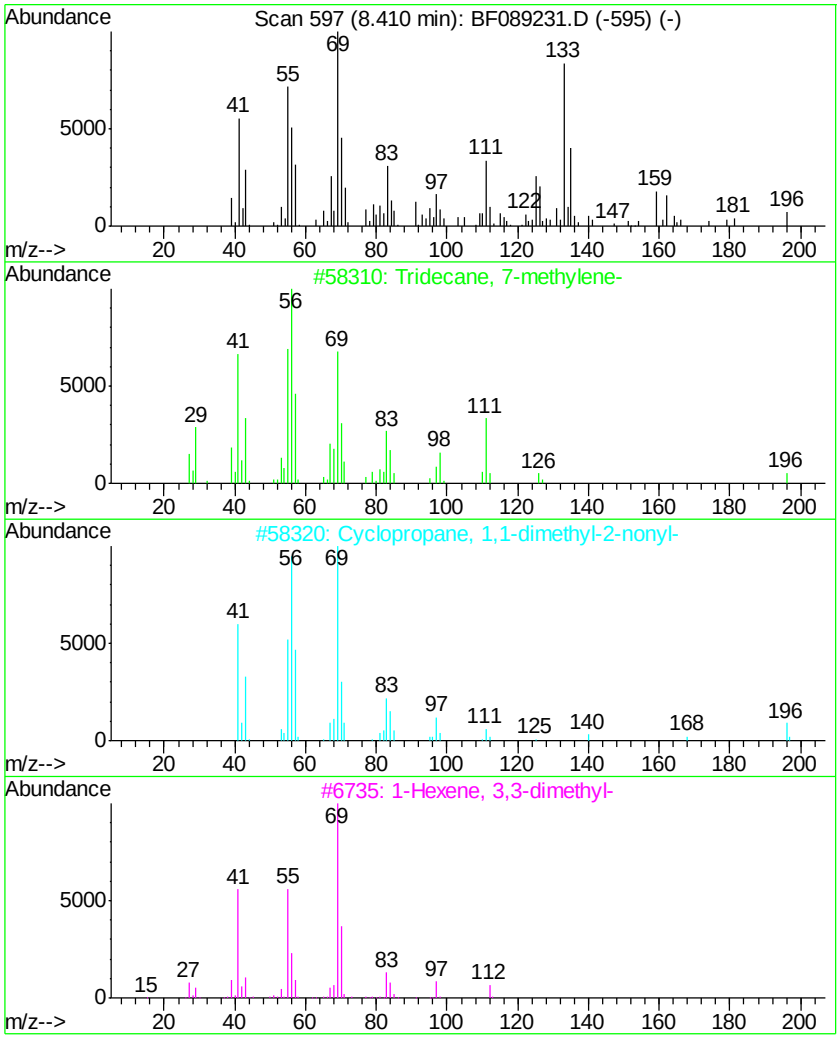
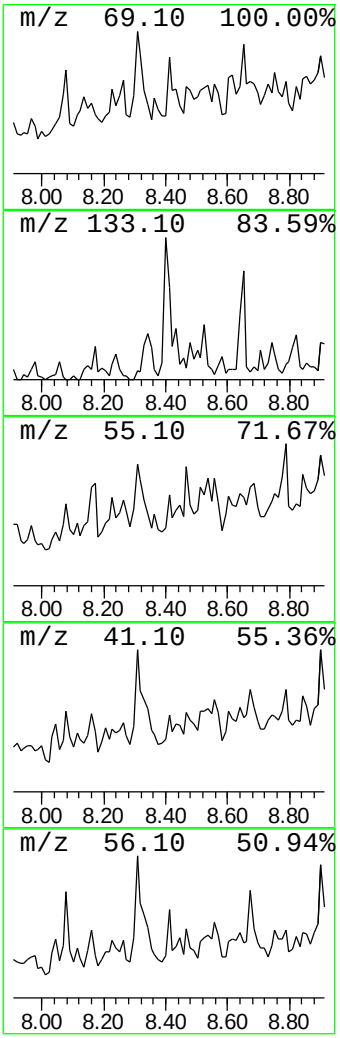
Peak Number 14 unknown8.41 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	5.70 ng	133531	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methylene-	196	C14H28	019780-80-4	42
2	Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	38
3	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
4	3-Nonene, (E)-	126	C9H18	020063-92-7	35
5	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	25





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Acq On : 23 Jul 2016 11:58
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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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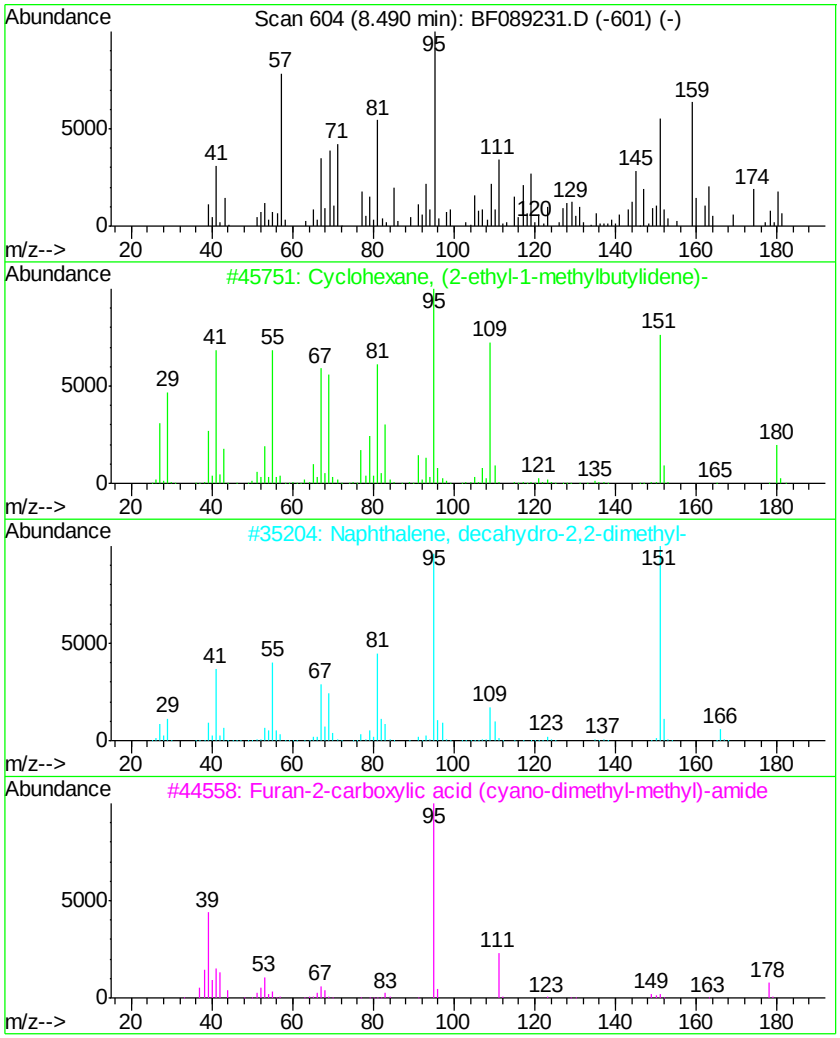
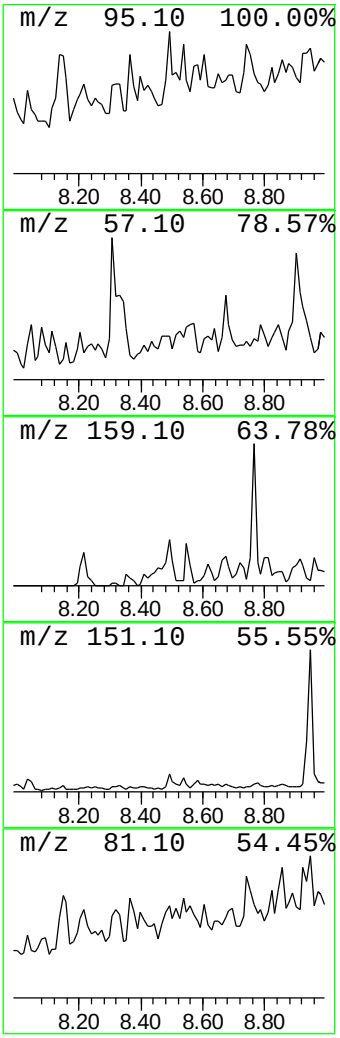
Peak Number 15 unknown8.49 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	7.11 ng	166489	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-ethyl-1-methylbu...	180	C13H24	074810-41-6	27
2	Naphthalene, decahydro-2,2-dimet...	166	C12H22	031124-85-3	25
3	Furan-2-carboxylic acid (cyano-d...	178	C9H10N2O2	1000297-46-7	22
4	Bicyclo[3.3.1]non-6-en-2-one oxime	151	C9H13NO	1000186-04-7	15
5	5-Octen-2-yn-4-ol	124	C8H12O	1000196-87-1	14





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Data File : BF089231.D
Acq On : 23 Jul 2016 11:58
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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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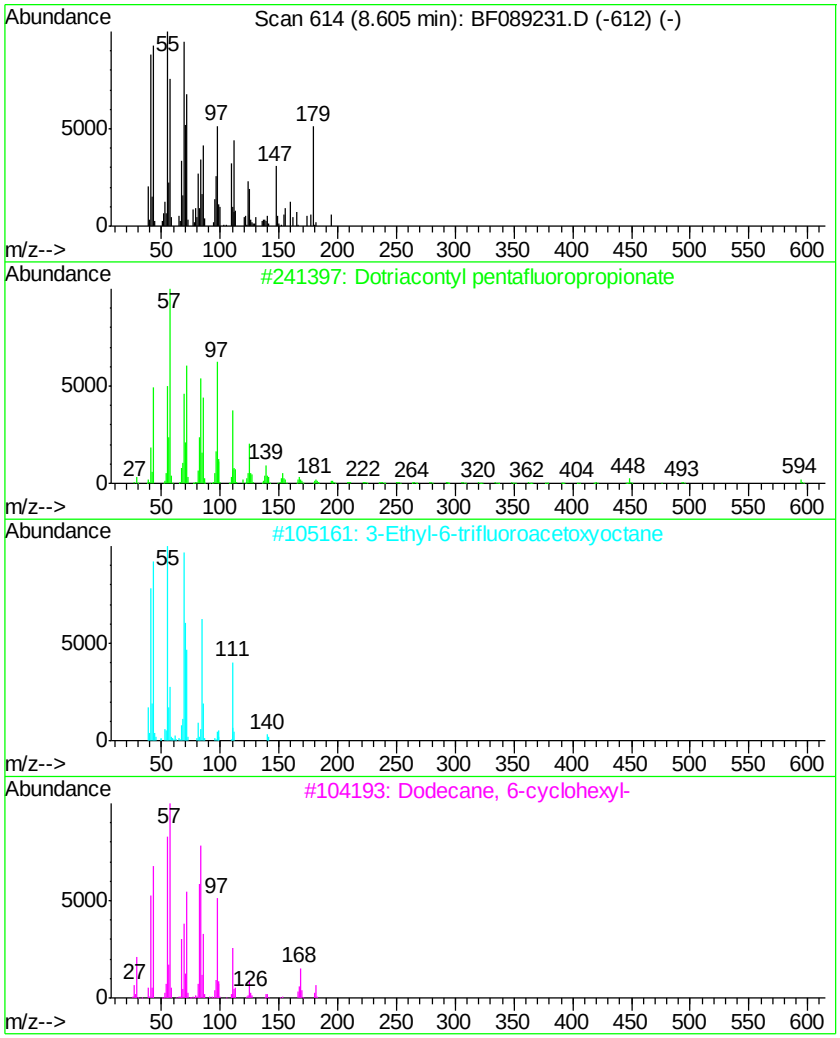
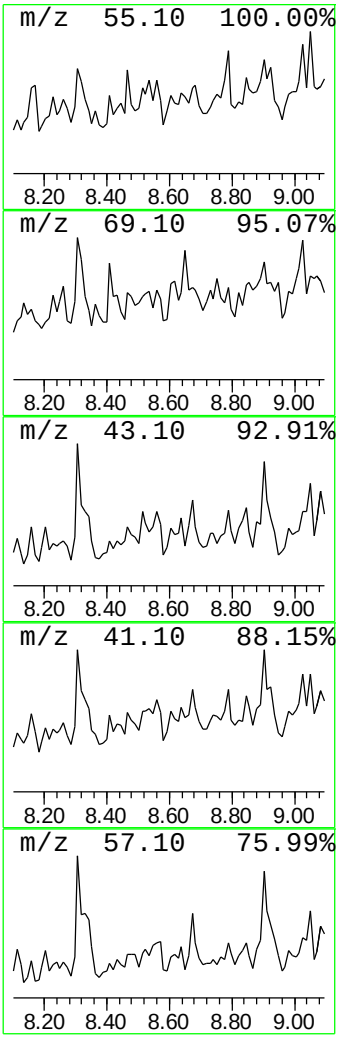
Peak Number 16 unknown8.60 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	6.43 ng	150546	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	30
2	3-Ethyl-6-trifluoroacetoxyoctane	254	C12H21F3O2	1000215-97-3	27
3	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	27
4	Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	25
5	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	25





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Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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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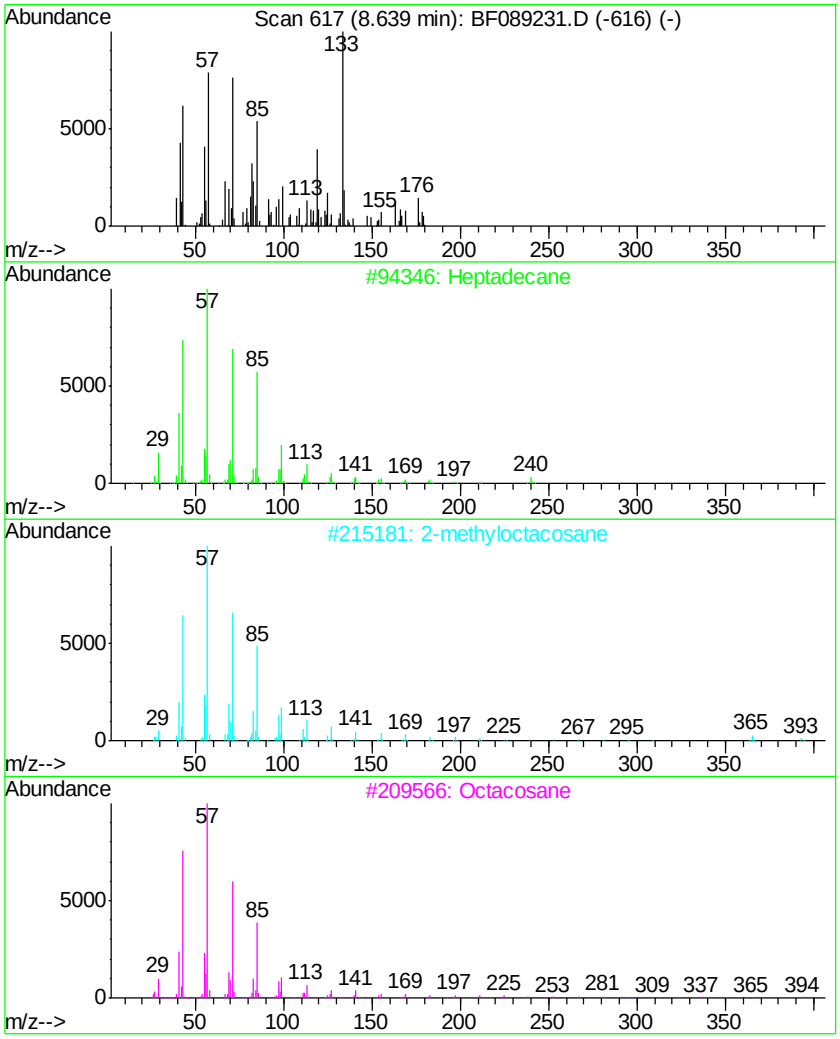
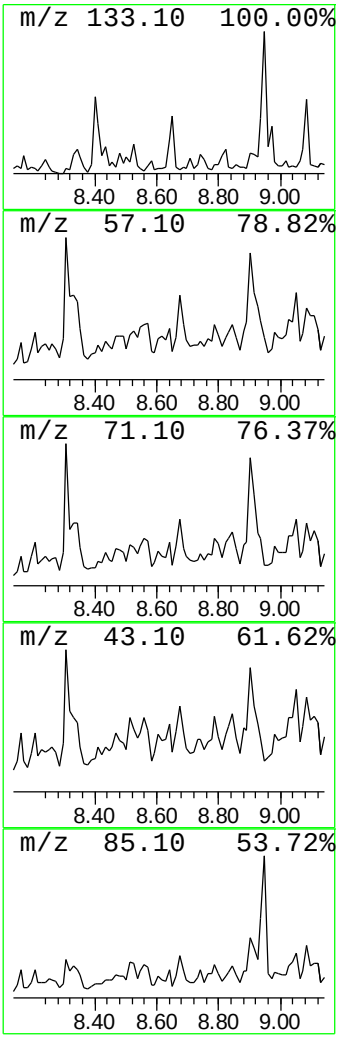
Peak Number 17 unknown8.64 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	6.79 ng	159095	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	38
2	2-methyloctacosane	408	C29H60	1000376-72-8	38
3	Octacosane	394	C28H58	000630-02-4	35
4	Tetratetracontane	619	C44H90	007098-22-8	35
5	Heneicosane	296	C21H44	000629-94-7	35





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Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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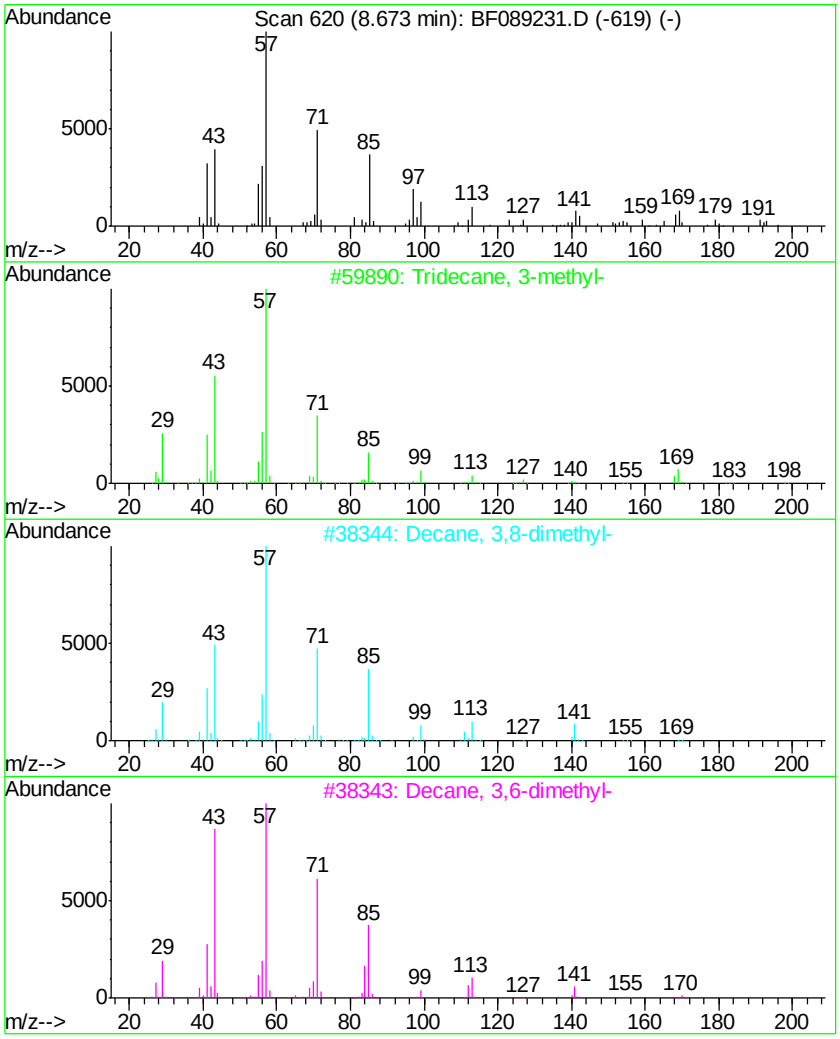
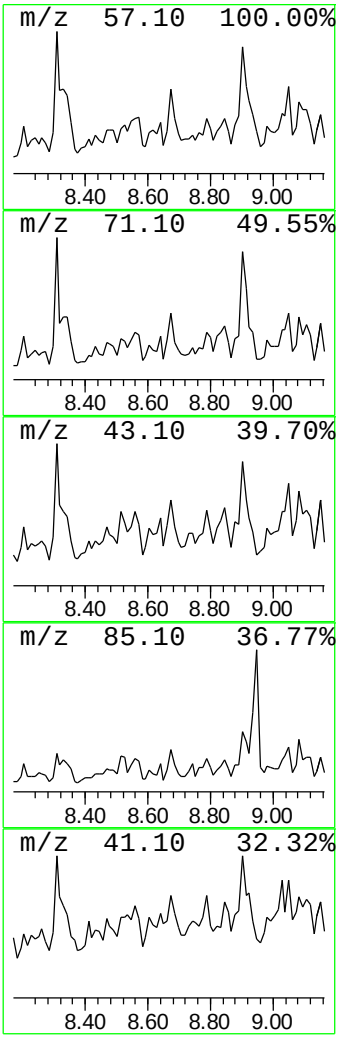
Peak Number 18 Tridecane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	7.55 ng	176842	Naphthalene-d8	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
4	Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	59
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59





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Acq On : 23 Jul 2016 11:58
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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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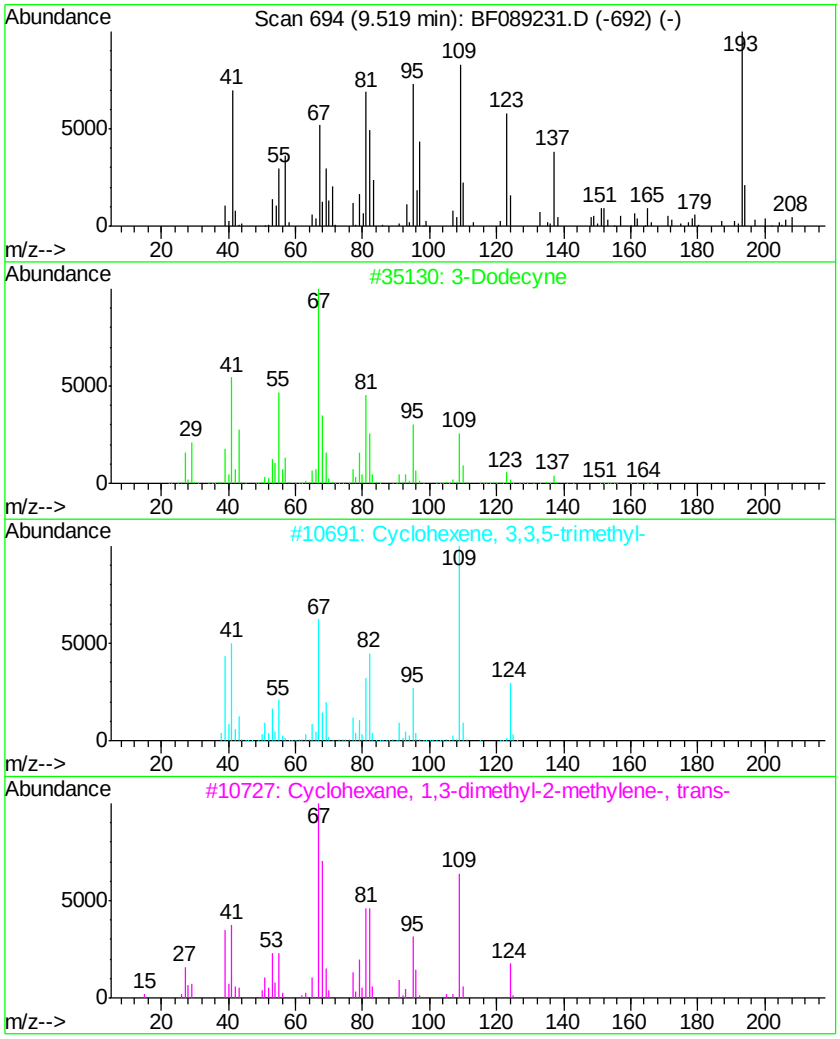
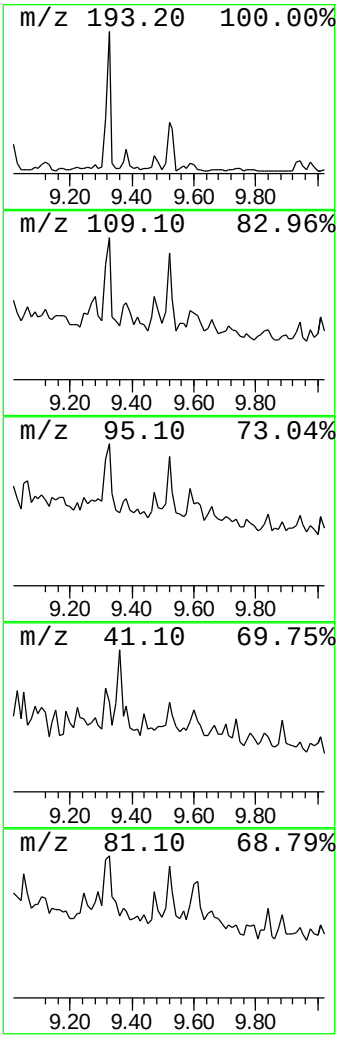
Peak Number 19 unknown9.52 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	5.48 ng	195058	Acenaphthene-d10	9.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Dodecyne	166	C12H22	006790-27-8	43
2	Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	38
3	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	020348-74-7	38
4	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	38
5	Silane, tetra-2-propenyl-	192	C12H20Si	001112-66-9	27





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Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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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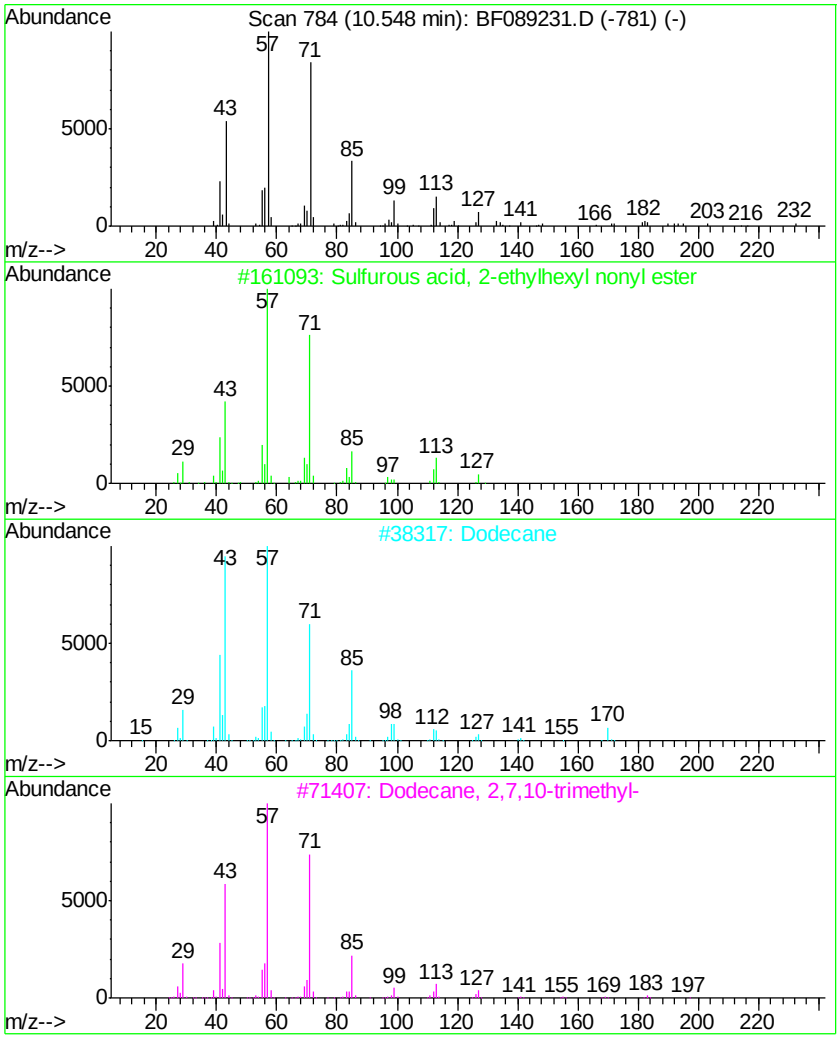
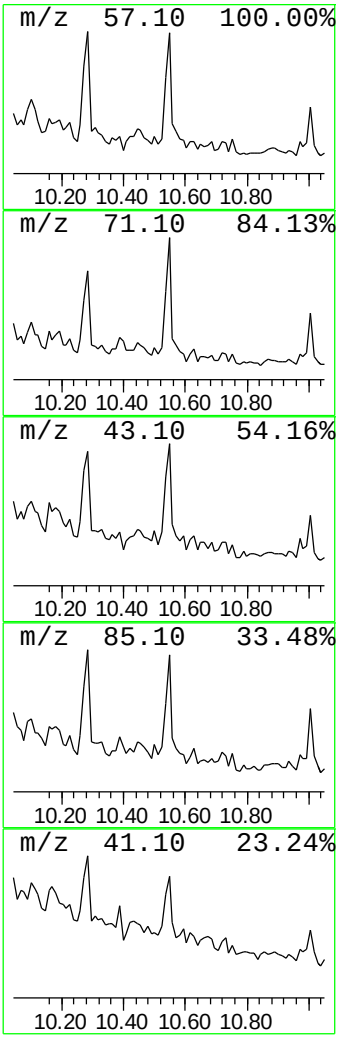
Peak Number 20 Sulfurous acid, 2-ethylhexy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	7.43 ng	190220	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
2	Dodecane	170	C12H26	000112-40-3	64
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089231.D
Acq On : 23 Jul 2016 11:58
Operator : UM/SJ
Sample : H4120-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-05-5.0-16.0

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
unknown6.34	6.34	75.2	ng	1184140	1	6.58	315116	20.0
unknown6.66	6.66	7.7	ng	121308	1	6.58	315116	20.0
unknown6.84	6.84	5.5	ng	87427	1	6.58	315116	20.0
Naphthalene, deca...	7.39	5.6	ng	130849	2	7.86	468507	20.0
Cyclohexanemethanol	7.50	10.5	ng	244961	2	7.86	468507	20.0
Nonane, 3-methyl-	7.70	5.8	ng	136999	2	7.86	468507	20.0
unknown7.77	7.77	5.6	ng	132223	2	7.86	468507	20.0
Decane, 3,8-dimet...	8.04	6.2	ng	145519	2	7.86	468507	20.0
unknown8.16	8.16	7.5	ng	174709	2	7.86	468507	20.0
Dodecane, 4,6-dim...	8.31	30.0	ng	703711	2	7.86	468507	20.0
unknown8.41	8.41	5.7	ng	133531	2	7.86	468507	20.0
unknown8.49	8.49	7.1	ng	166489	2	7.86	468507	20.0
unknown8.60	8.60	6.4	ng	150546	2	7.86	468507	20.0
unknown8.64	8.64	6.8	ng	159095	2	7.86	468507	20.0
Tridecane, 3-methyl-	8.67	7.5	ng	176842	2	7.86	468507	20.0
unknown9.52	9.52	5.5	ng	195058	3	9.61	711760	20.0
Sulfurous acid, 2...	10.55	7.4	ng	190220	4	11.08	512215	20.0