LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010006.D
Acq On : 12 May 2017 04:06
Operator : SJ/MA
Sample : I3079-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LF001MW001-170509

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_M\METHODS\8270-BM051117.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	3.604	79	88	92	rBV	32637493	45994121	100.00%	23.641%
2	3.810	117	123	135	rVB	2387179	3192903	6.94%	1.641%
3	3.975	143	151	158	rBV	20318332	27842900	60.54%	14.311%
4	4.857	276	301	304	rBV	388738	2012834	4.38%	1.035%
5	4.910	305	310	314	rBV	440422	738534	1.61%	0.380%
6	5.093	327	341	346	rBV	3410694	5848861	12.72%	3.006%
7	5.263	367	370	379	rVB2	2045899	3851809	8.37%	1.980%
8	5.357	379	386	390	rBV	782596	1183333	2.57%	0.608%
9	5.404	390	394	403	rVB	2772492	5402074	11.75%	2.777%
10	5.616	403	430	435	rBV4	658639	3662625	7.96%	1.883%
11	5.775	450	457	464	rBV	2531351	3726776	8.10%	1.916%
12	6.457	539	573	574	rBV	595806	3468200	7.54%	1.783%
13	6.587	593	595	597	rVB	1038024	775731	1.69%	0.399%
14	6.639	597	604	609	rVB	547640	916650	1.99%	0.471%
15	6.839	631	638	643	rBV	647677	940756	2.05%	0.484%
16	6.898	643	648	652	rBV	314546	472945	1.03%	0.243%
17	6.975	652	661	666	rBV2	1261858	3068117	6.67%	1.577%
18	7.139	685	689	694	rVB4	1349039	2871325	6.24%	1.476%
19	7.298	711	716	727	rVV	1196003	1933030	4.20%	0.994%
20	7.398	727	733	741	rVB	2132110	3201761	6.96%	1.646%
21	7.645	770	775	784	rVB2	440839	771694	1.68%	0.397%
22	7.798	796	801	805	rVB2	758474	1069435	2.33%	0.550%
23	7.863	805	812	818	rBV	1251050	2442950	5.31%	1.256%
24	8.086	844	850	851	rBV3	1526775	2524119	5.49%	1.297%
25	8.116	851	855	861	rVB	6896338	10659671	23.18%	5.479%
26	8.222	867	873	881	rVB2	932033	1783569	3.88%	0.917%
27	8.551	913	929	935	rBV	2328218	4777916	10.39%	2.456%
28	8.851	974	980	988	rBV7	186286	467211	1.02%	0.240%
29	8.933	988	994	1001	rVB	1108350	1853686	4.03%	0.953%
30	9.210	1022	1041	1044	rBV4	648067	2385292	5.19%	1.226%
31	9.363	1058	1067	1072	rBV3	431788	980808	2.13%	0.504%
32	9.775	1134	1137	1152	rVB3	339243	621832	1.35%	0.320%
33	10.022	1152	1179	1183	rBV3	2229881	8058621	17.52%	4.142%
34	10.063	1183	1186	1193	rVB	2287498	3109351	6.76%	1.598%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010006.D
Acq On : 12 May 2017 04:06
Operator : SJ/MA
Sample : I3079-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LF001MW001-170509

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_M\METHODS\8270-BM051117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.204	1203	1210	1216	rVB3	261327	545740	1.19%	0.281%
36	10.445	1242	1251	1256	rBV	474895	822176	1.79%	0.423%
37	10.557	1264	1270	1274	rBV2	316530	565138	1.23%	0.290%
38	10.610	1274	1279	1286	rVB	1327915	2217453	4.82%	1.140%
39	10.922	1326	1332	1338	rVB	341437	581269	1.26%	0.299%
40	11.104	1356	1363	1368	rBV	305984	518172	1.13%	0.266%
41	11.404	1406	1414	1429	rBV2	1393998	2983902	6.49%	1.534%
42	12.427	1577	1588	1598	rBV4	295471	1017605	2.21%	0.523%
43	13.021	1681	1689	1697	rVB2	2403452	4722222	10.27%	2.427%
44	13.233	1716	1725	1728	rBV2	332014	718273	1.56%	0.369%
45	13.280	1728	1733	1742	rVB	1460489	2350347	5.11%	1.208%
46	13.586	1777	1785	1793	rBV2	371699	769805	1.67%	0.396%
47	14.415	1919	1926	1932	rVB2	502048	843942	1.83%	0.434%
48	15.210	2050	2061	2074	rBV2	1388047	2865096	6.23%	1.473%
49	15.915	2175	2181	2187	rBV	1649360	2304266	5.01%	1.184%
50	16.062	2200	2206	2211	rBV2	301309	493558	1.07%	0.254%
51	16.145	2216	2220	2229	rVB2	302840	481875	1.05%	0.248%
52	16.392	2251	2262	2270	rBV2	229014	543209	1.18%	0.279%
53	17.168	2389	2394	2404	rVB	559960	826137	1.80%	0.425%
54	18.051	2541	2544	2552	rVB2	368827	477557	1.04%	0.245%
55	19.792	2835	2840	2847	rBV	2865089	3544851	7.71%	1.822%
56	21.356	3102	3106	3112	rVB	718011	917620	2.00%	0.472%
57	23.650	3490	3496	3504	rVB2	415522	832188	1.81%	0.428%

Sum of corrected areas: 194553841

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Data File : BM010006.D
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Sample : I3079-03
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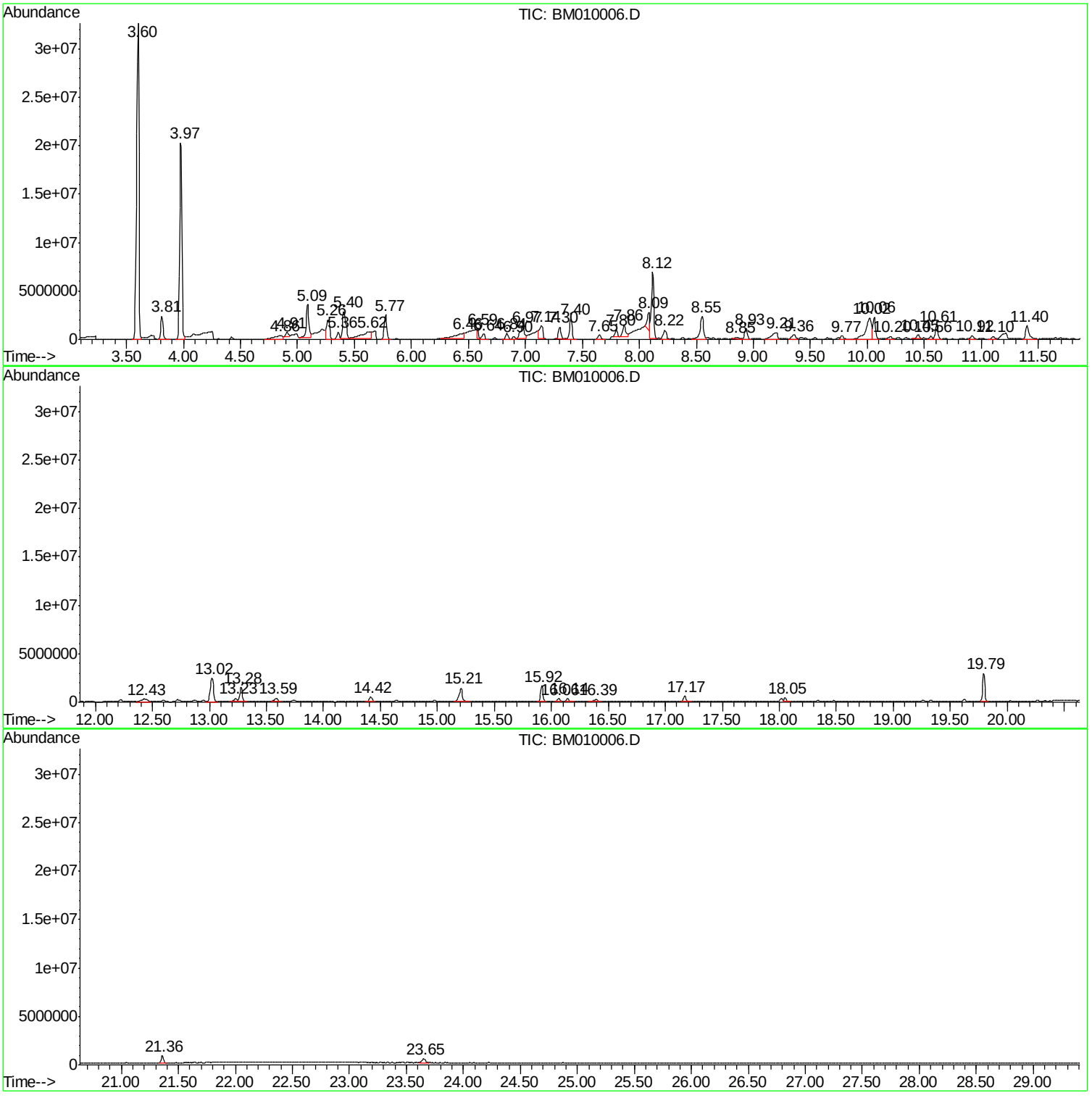
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LF001MW001-170509

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010006.D
Acq On : 12 May 2017 04:06
Operator : SJ/MA
Sample : I3079-03
Misc :
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Instrument : BNA_M
ClientSampleId : LF001MW001-170509

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

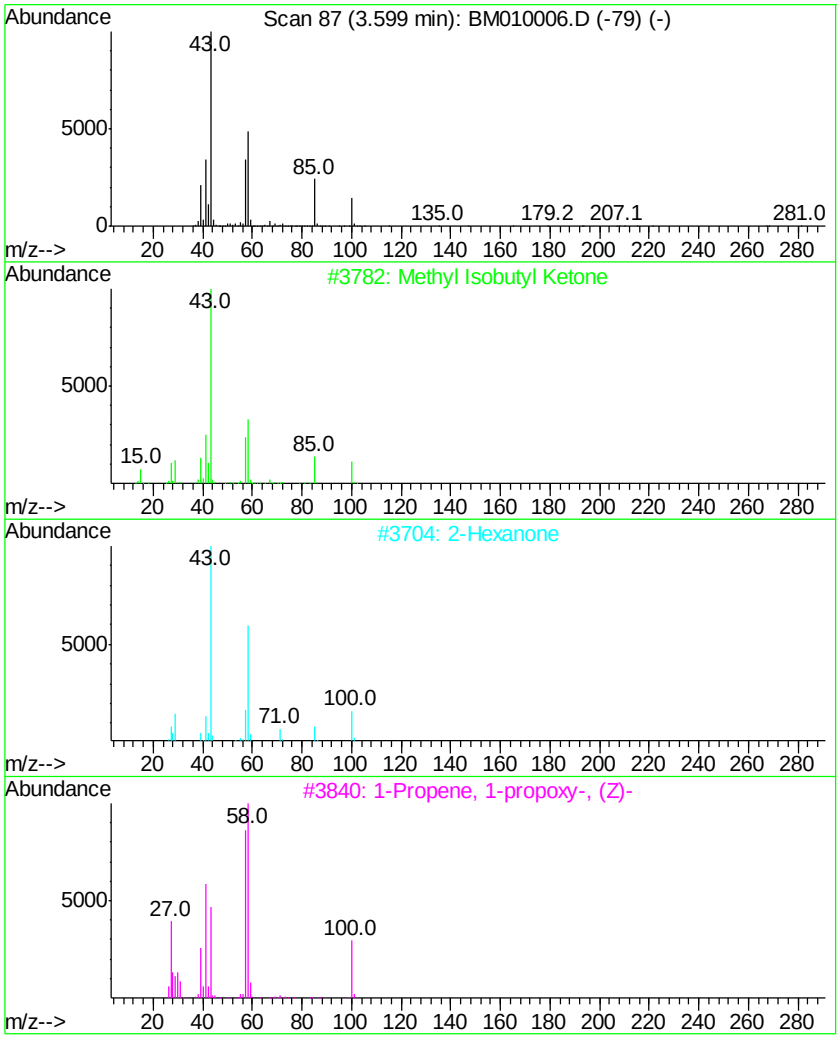
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

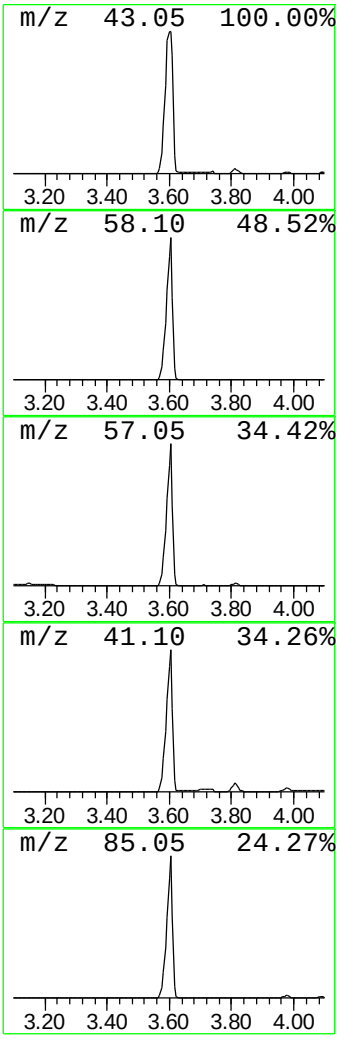
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	860.16 ng	45994100	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	86
2	2-Hexanone	100	C6H12O	000591-78-6	72
3	1-Propene, 1-propoxy-, (Z)-	100	C6H12O	014360-78-2	47
4	Ether,1- propenyl propyl	100	C6H12O	003424-89-3	47
5	2,4-Pentanedione	100	C5H8O2	000123-54-6	46





Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010006.D
Acq On : 12 May 2017 04:06
Operator : SJ/MA
Sample : I3079-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LF001MW001-170509

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

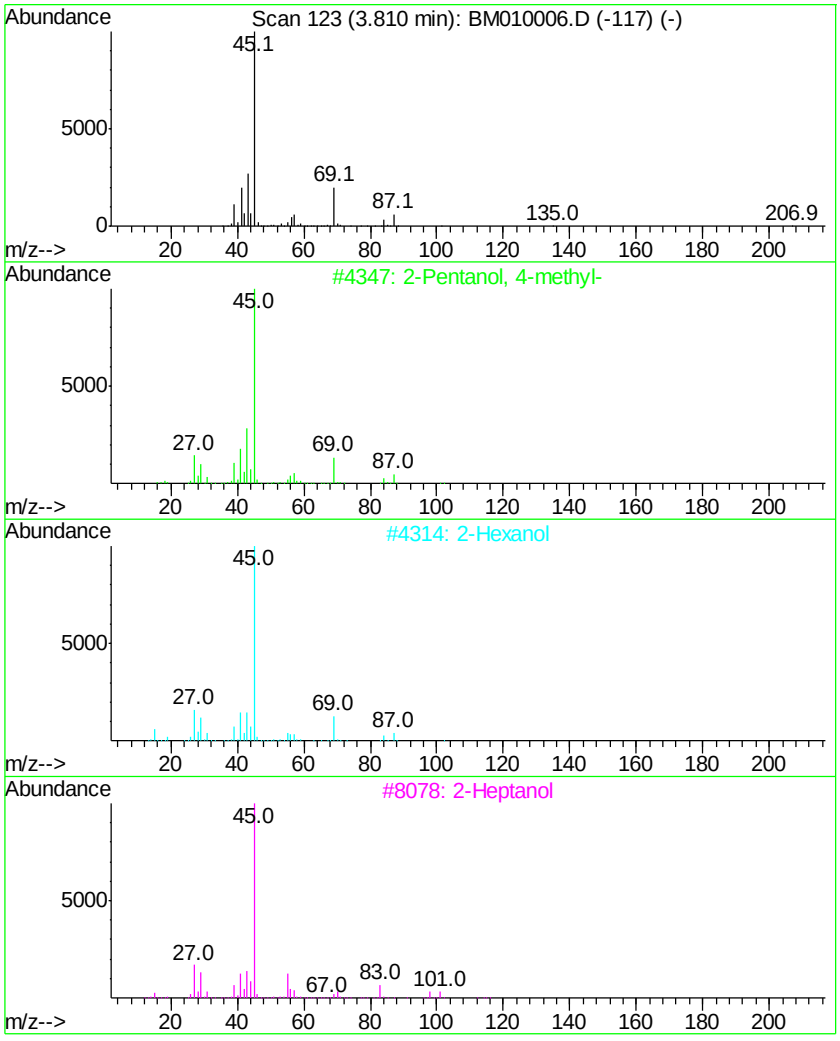
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

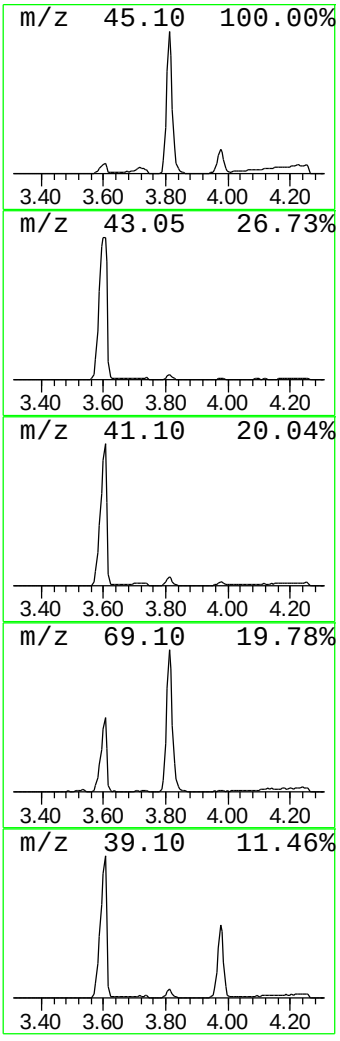
****

Peak Number 2 2-Pentanol, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	59.71 ng	3192900	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Hexanol	102	C6H14O	000626-93-7	83
3	2-Heptanol	116	C7H16O	000543-49-7	40
4	Carbamic acid, 1-methylethyl ester	103	C4H9NO2	001746-77-6	36
5	Propanenitrile, 3-methoxy-	85	C4H7NO	000110-67-8	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010006.D
Acq On : 12 May 2017 04:06
Operator : SJ/MA
Sample : I3079-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LF001MW001-170509

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

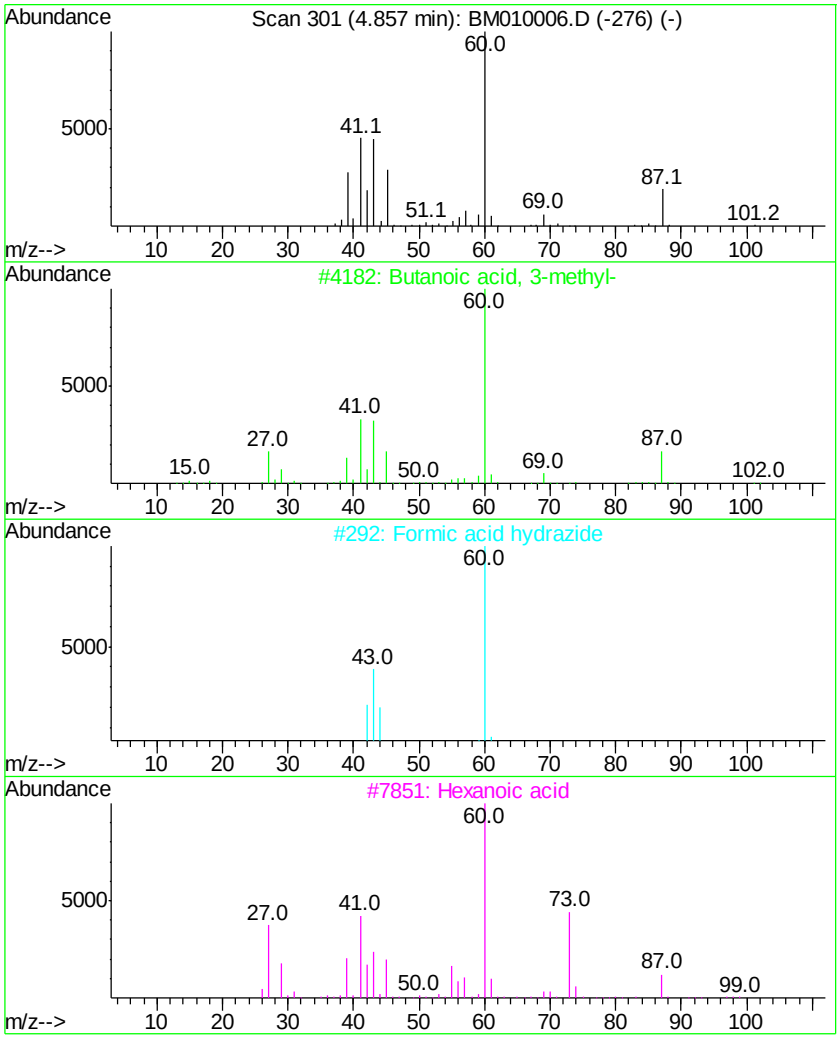
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

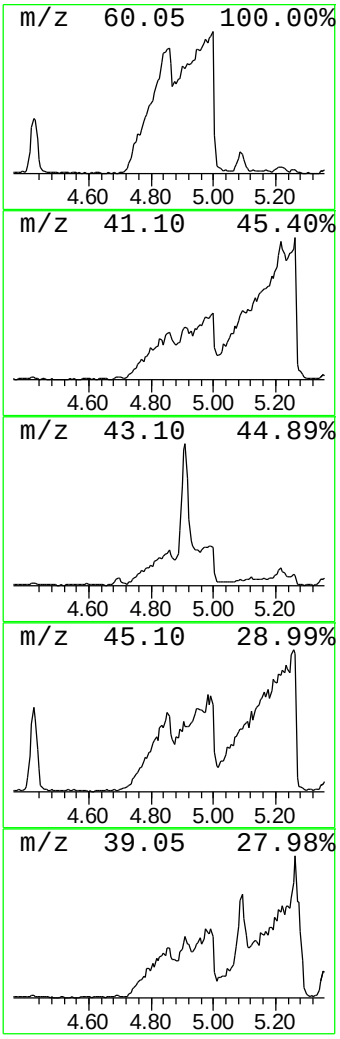
****

Peak Number 4 Butanoic acid, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	37.64 ng	2012830	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
2	Formic acid hydrazide	60	CH4N2O	000624-84-0	47
3	Hexanoic acid	116	C6H12O2	000142-62-1	39
4	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	38
5	Thiirane	60	C2H4S	000420-12-2	9





Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010006.D
Acq On : 12 May 2017 04:06
Operator : SJ/MA
Sample : I3079-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LF001MW001-170509

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

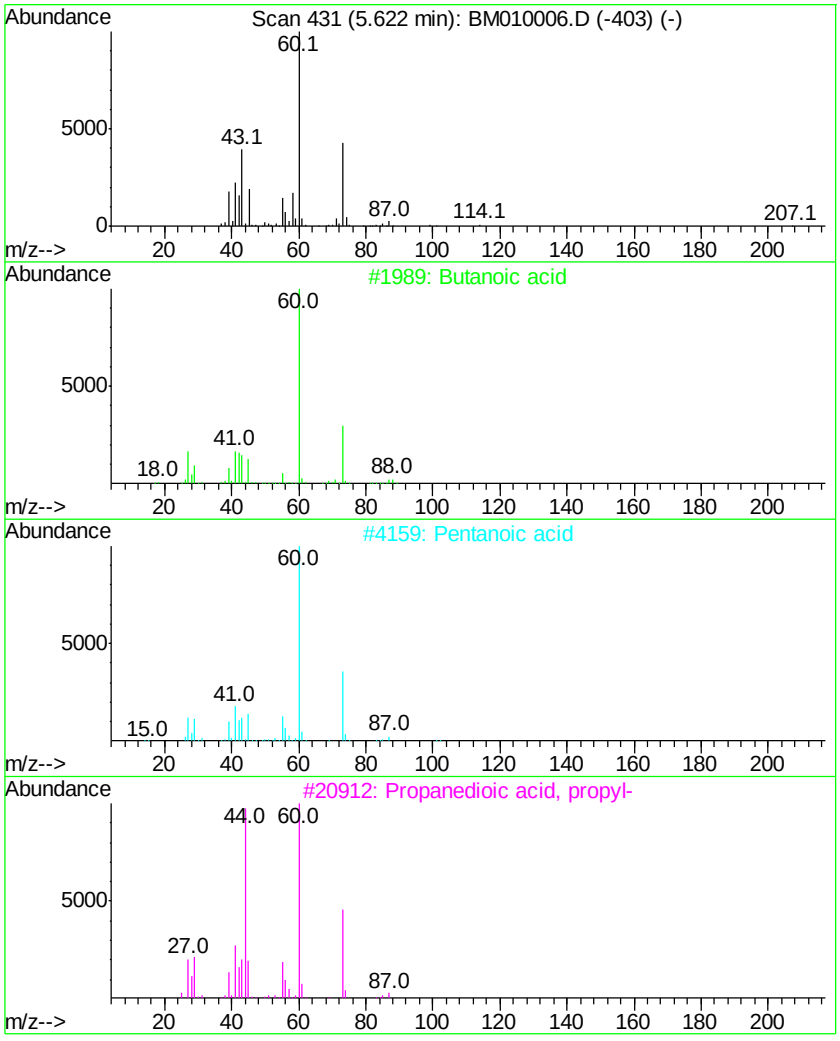
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

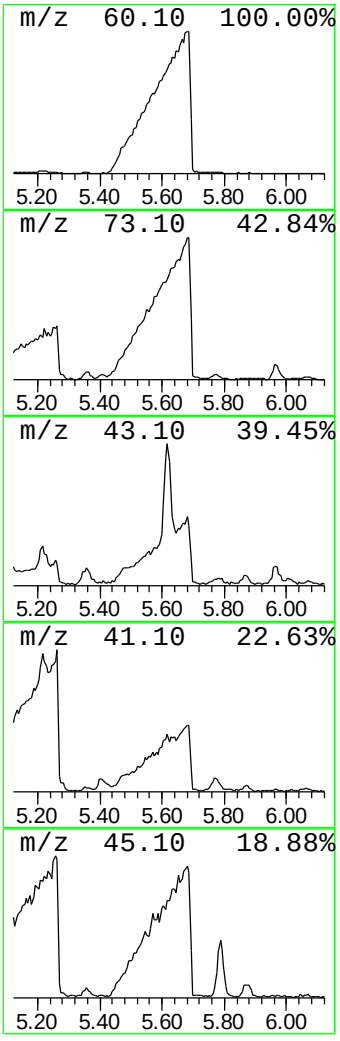
****

Peak Number 7 Butanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	68.50 ng	3662630	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	59
2	Pentanoic acid	102	C5H10O2	000109-52-4	59
3	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50
4	Hexanoic acid, 6-bromo-	194	C6H11BrO2	004224-70-8	40
5	Hexanoic acid	116	C6H12O2	000142-62-1	39





Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010006.D
Acq On : 12 May 2017 04:06
Operator : SJ/MA
Sample : I3079-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LF001MW001-170509

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

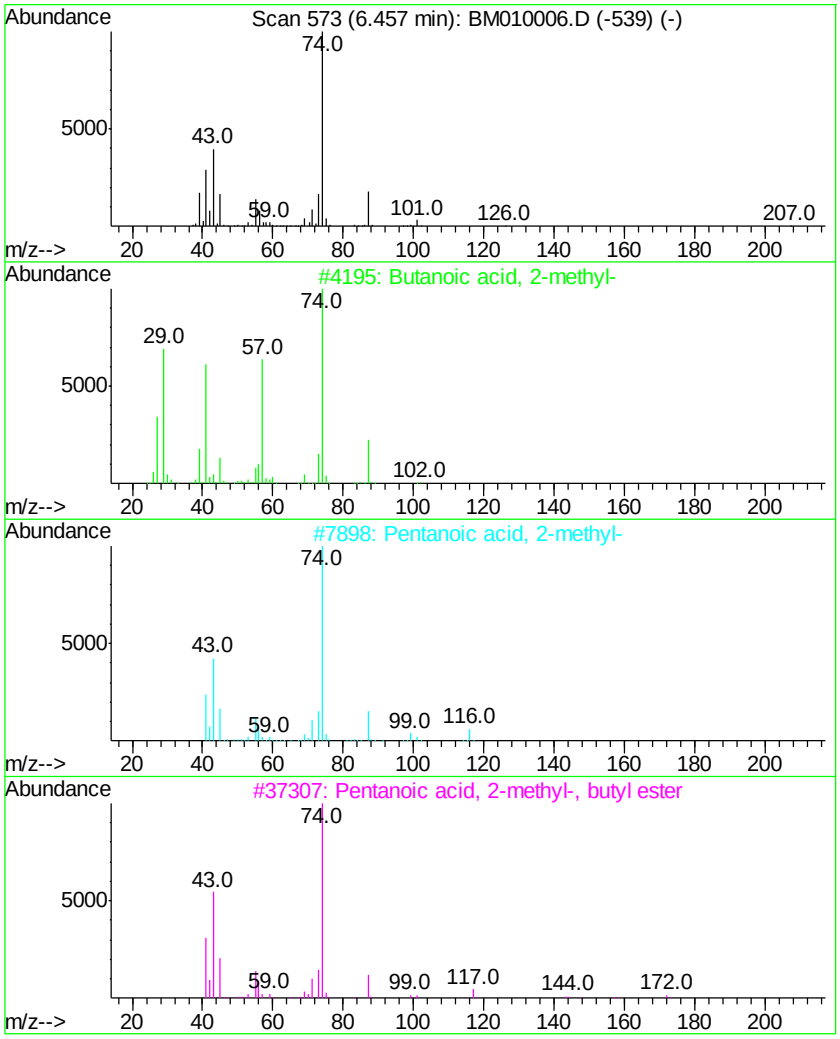
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

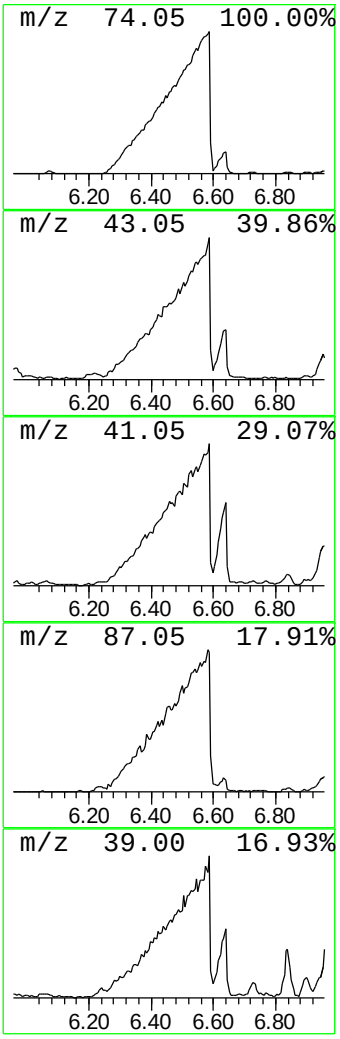
****

Peak Number 9 Butanoic acid, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	64.86 ng	3468200	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	86
2	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	83
3	Pentanoic acid, 2-methyl-, butyl...	172	C10H20O2	006297-41-2	83
4	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	72
5	Ethanol, 2-[(2-aminoethyl)amino]-	104	C4H12N2O	000111-41-1	38





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Operator : SJ/MA
Sample : I3079-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LF001MW001-170509

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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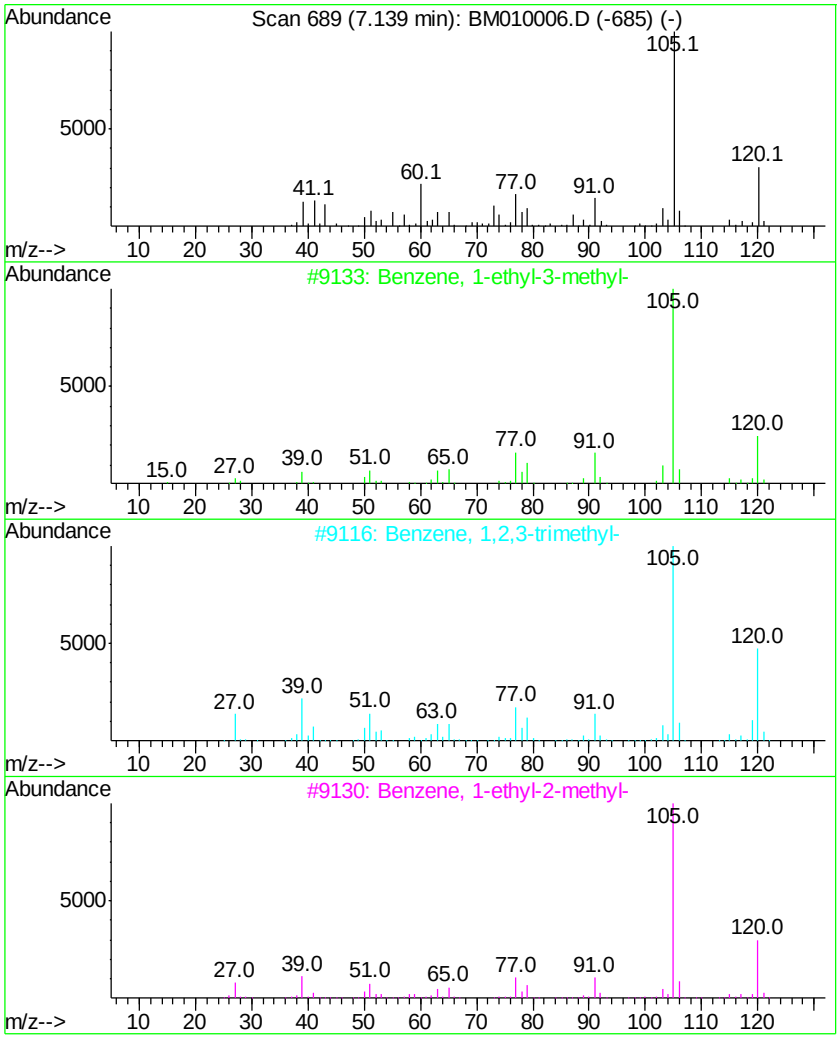
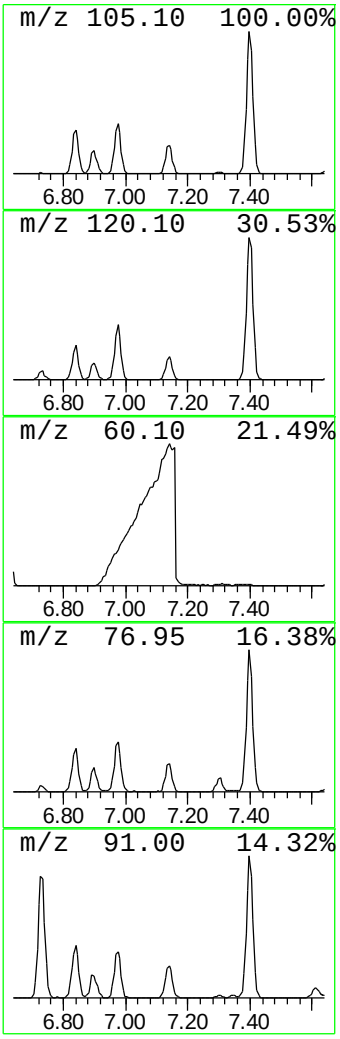
Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	53.70 ng	2871330	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	70
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	70
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	70
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	70





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Data File : BM010006.D
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Sample : I3079-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LF001MW001-170509

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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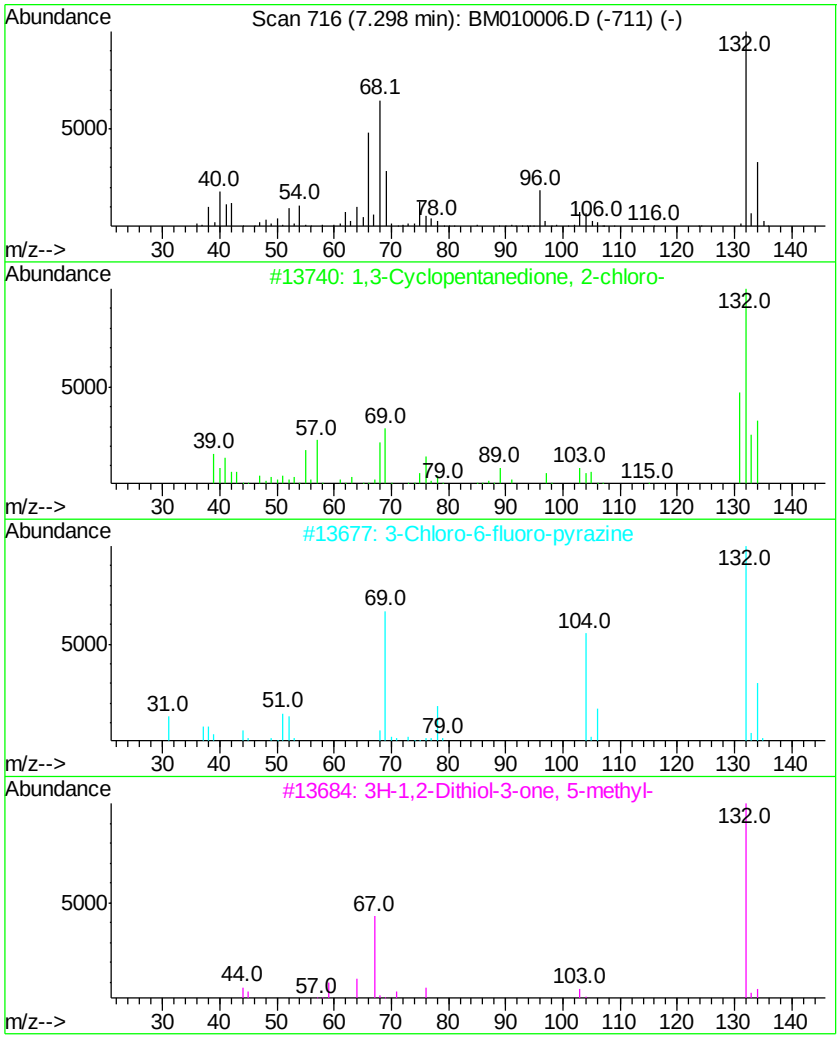
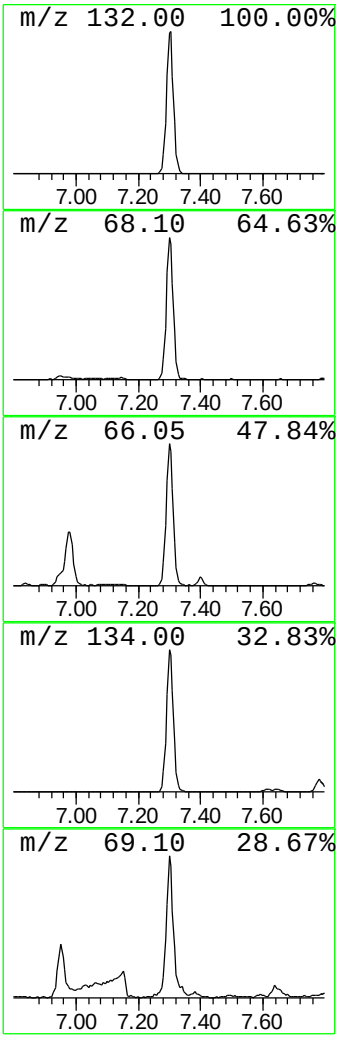
Peak Number 11 unknown7.30 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	36.15 ng	1933030	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14





Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010006.D
Acq On : 12 May 2017 04:06
Operator : SJ/MA
Sample : I3079-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LF001MW001-170509

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

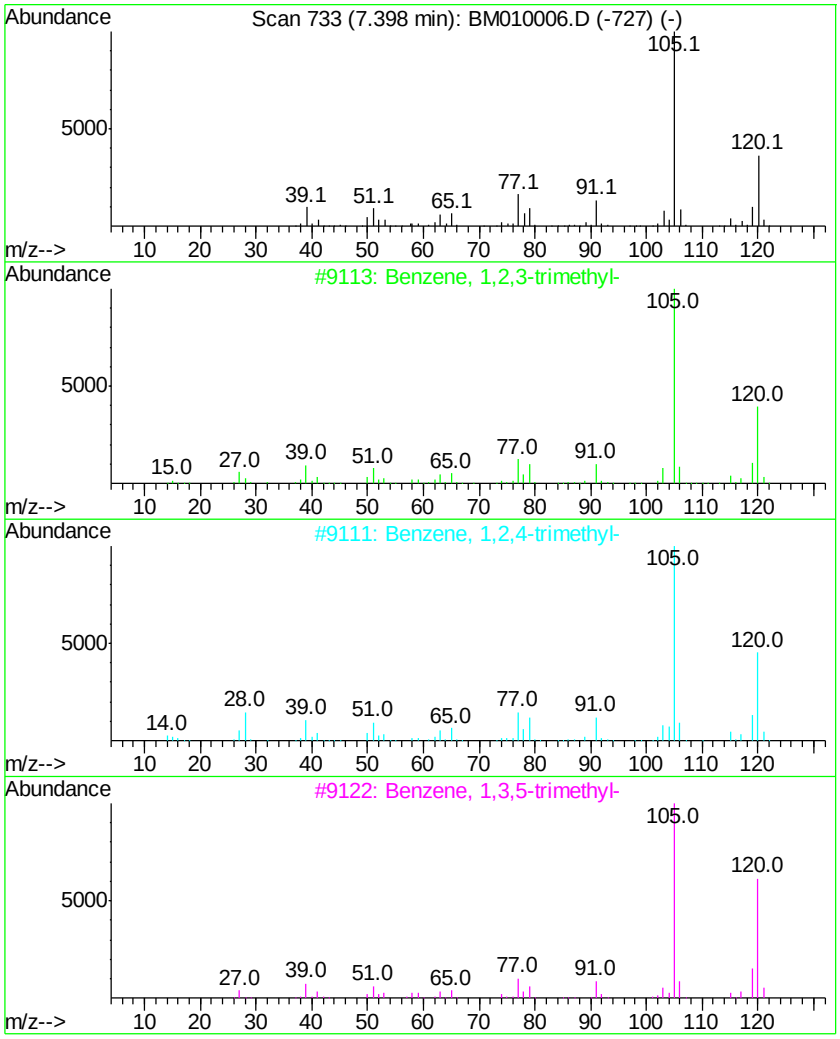
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

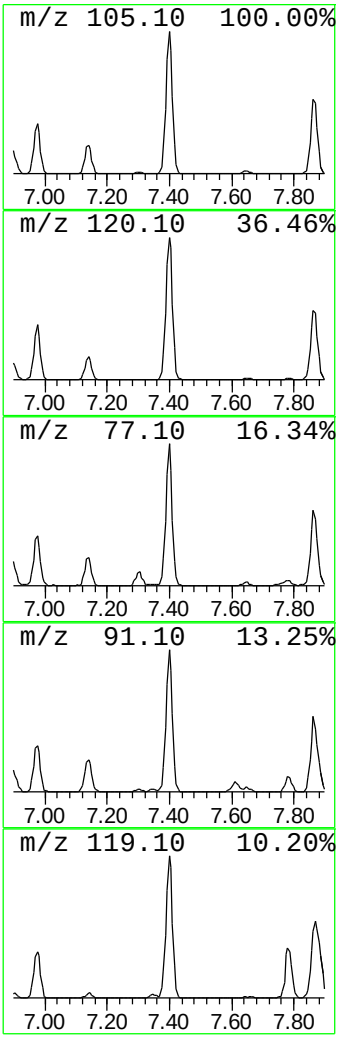
****

Peak Number 12 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.40	59.88 ng	3201760	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010006.D
Acq On : 12 May 2017 04:06
Operator : SJ/MA
Sample : I3079-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LF001MW001-170509

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

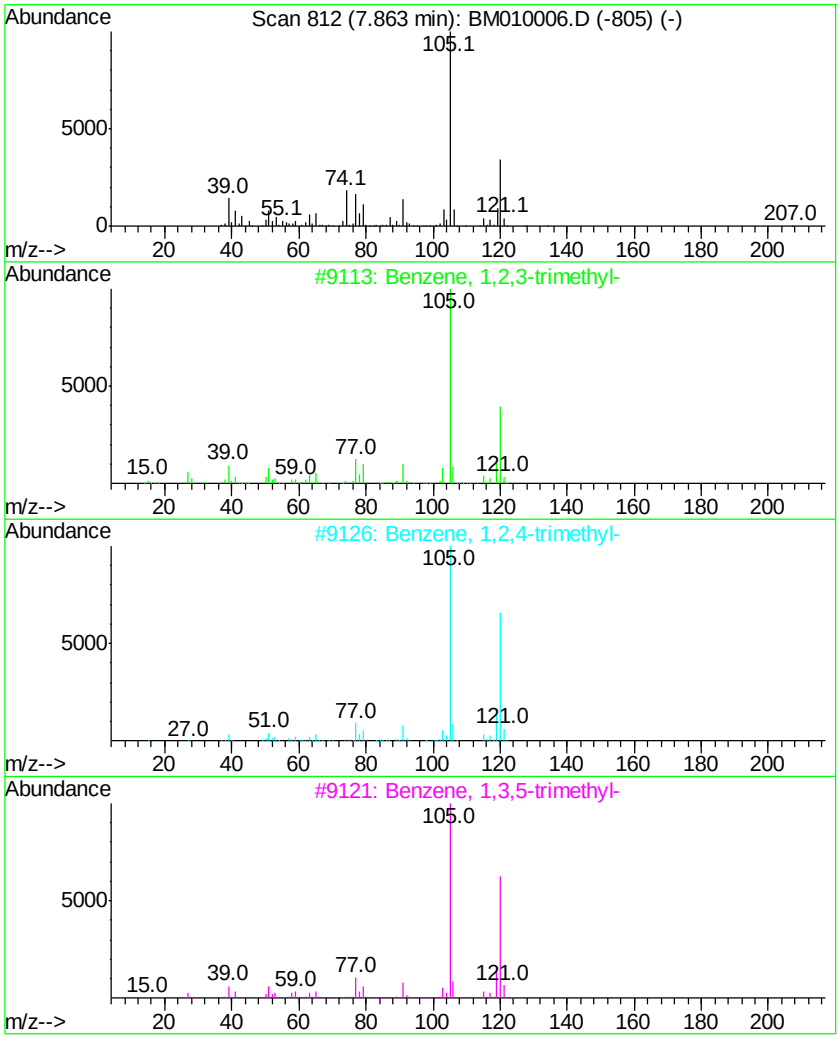
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

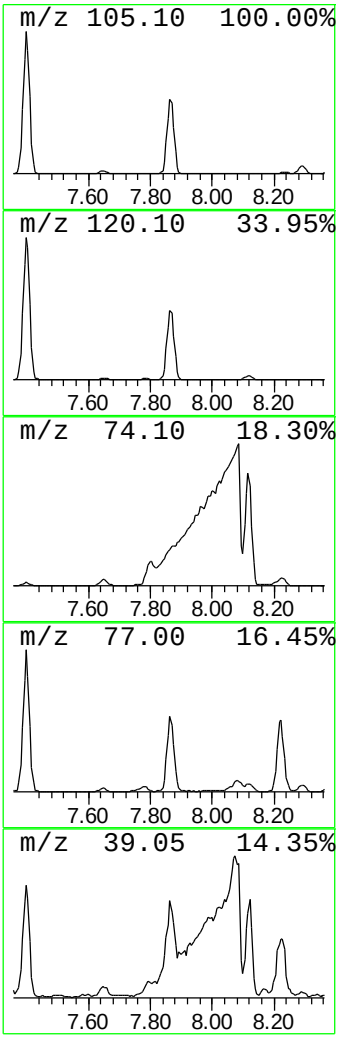
****

Peak Number 13 Benzene, 1,2,4-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	45.69 ng	2442950	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





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Acq On : 12 May 2017 04:06
Operator : SJ/MA
Sample : I3079-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LF001MW001-170509

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

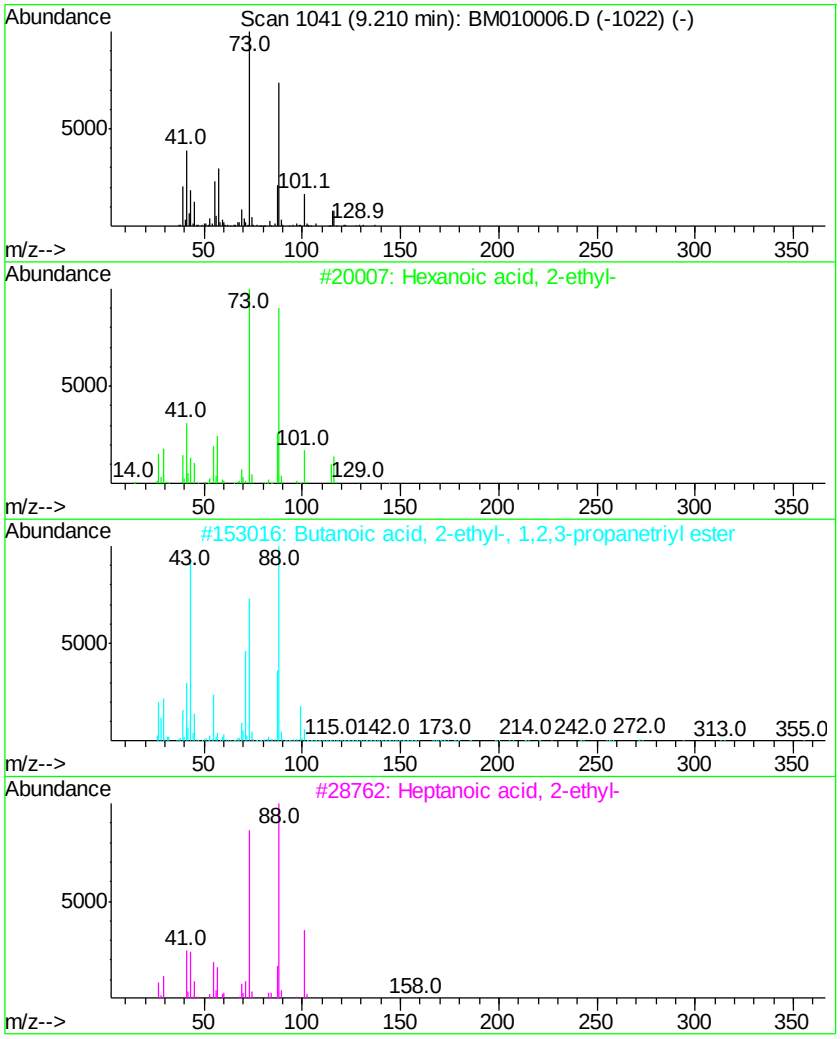
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

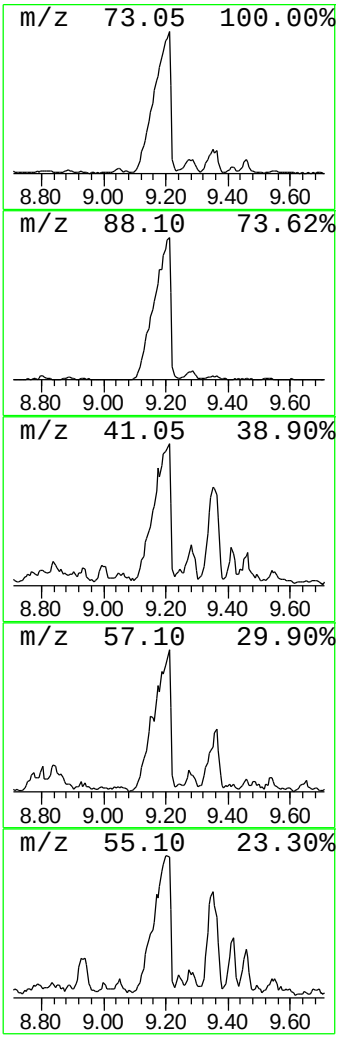
****

Peak Number 14 Hexanoic acid, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	84.41 ng	2385290	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	64
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	39
4	1,4-Dioxane	88	C4H8O2	000123-91-1	38
5	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	36





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010006.D
Acq On : 12 May 2017 04:06
Operator : SJ/MA
Sample : I3079-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LF001MW001-170509

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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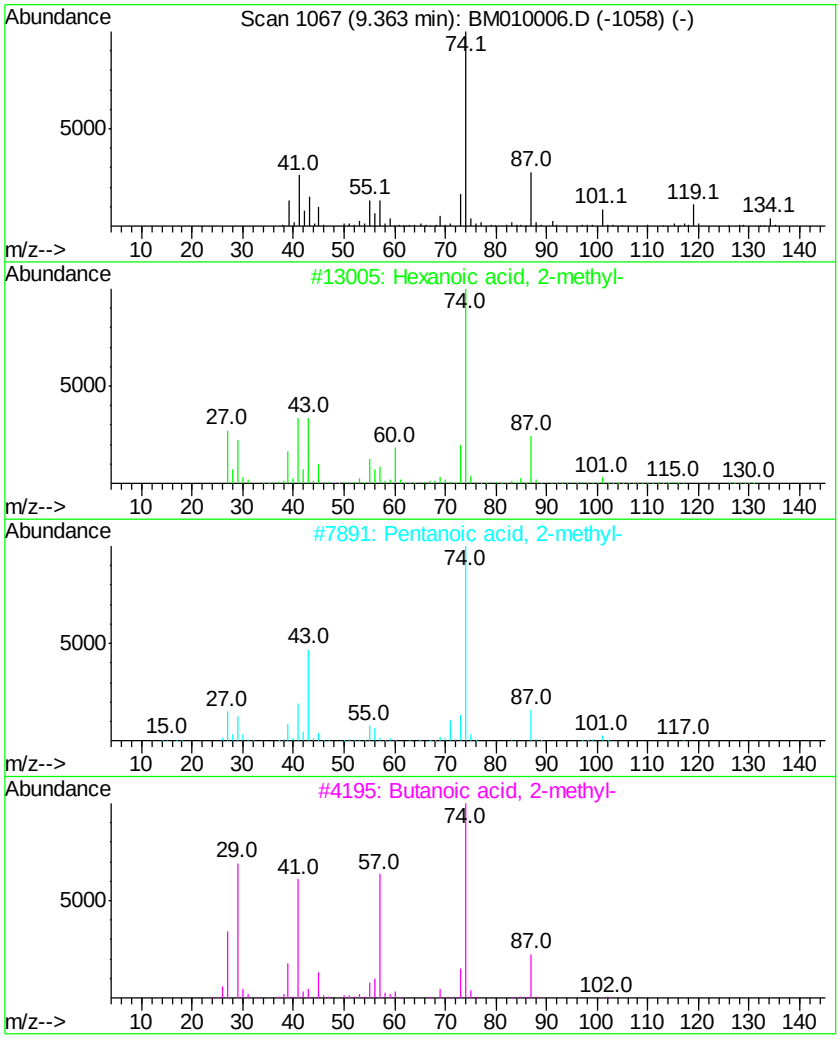
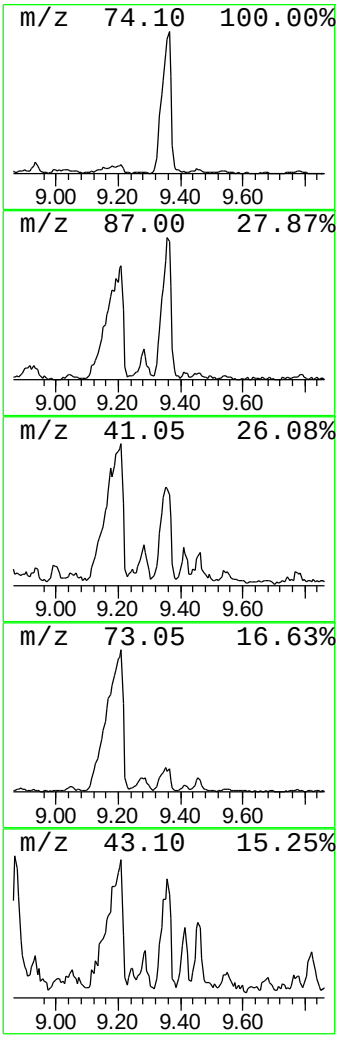
Peak Number 15 Hexanoic acid, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	34.71 ng	980808	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	72
2	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	59
3	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	58
4	2-Methylheptanoic acid	144	C8H16O2	001188-02-9	53
5	Pentanoic acid, methyl ester	116	C6H12O2	000624-24-8	50





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Data File : BM010006.D
Acq On : 12 May 2017 04:06
Operator : SJ/MA
Sample : I3079-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LF001MW001-170509

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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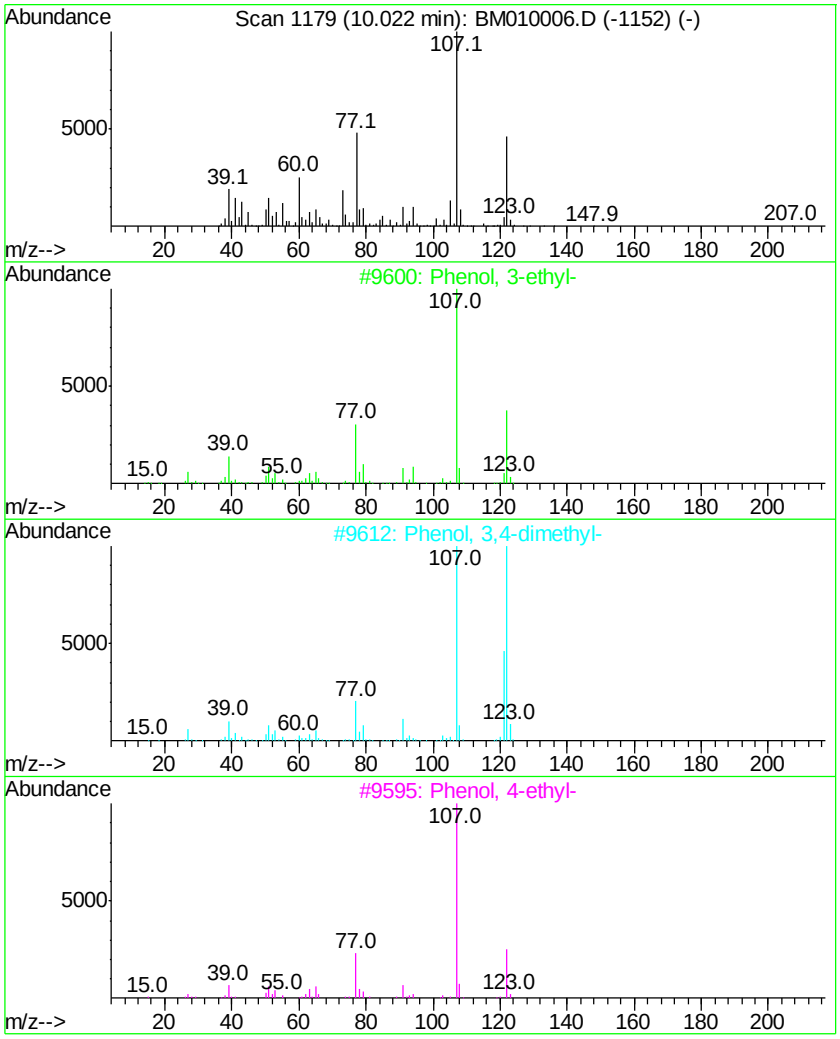
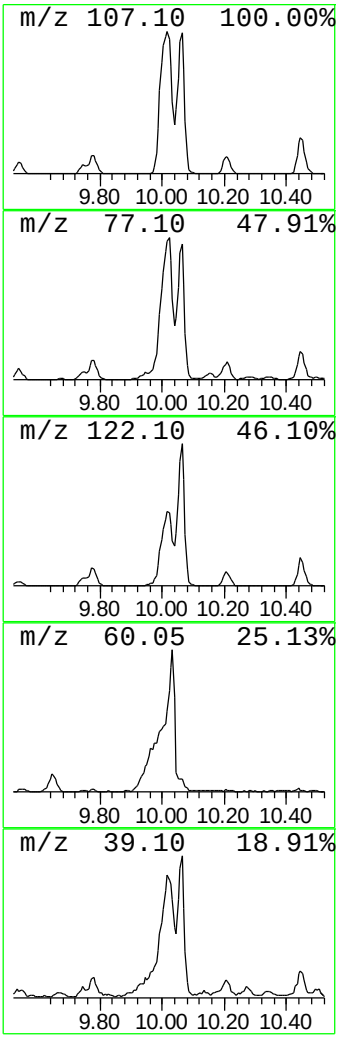
Peak Number 16 Phenol, 3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	285.19 ng	8058620	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	92
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	64
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	64
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	64
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010006.D
Acq On : 12 May 2017 04:06
Operator : SJ/MA
Sample : I3079-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LF001MW001-170509

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 17 Phenol, 3,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	110.04 ng	3109350	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
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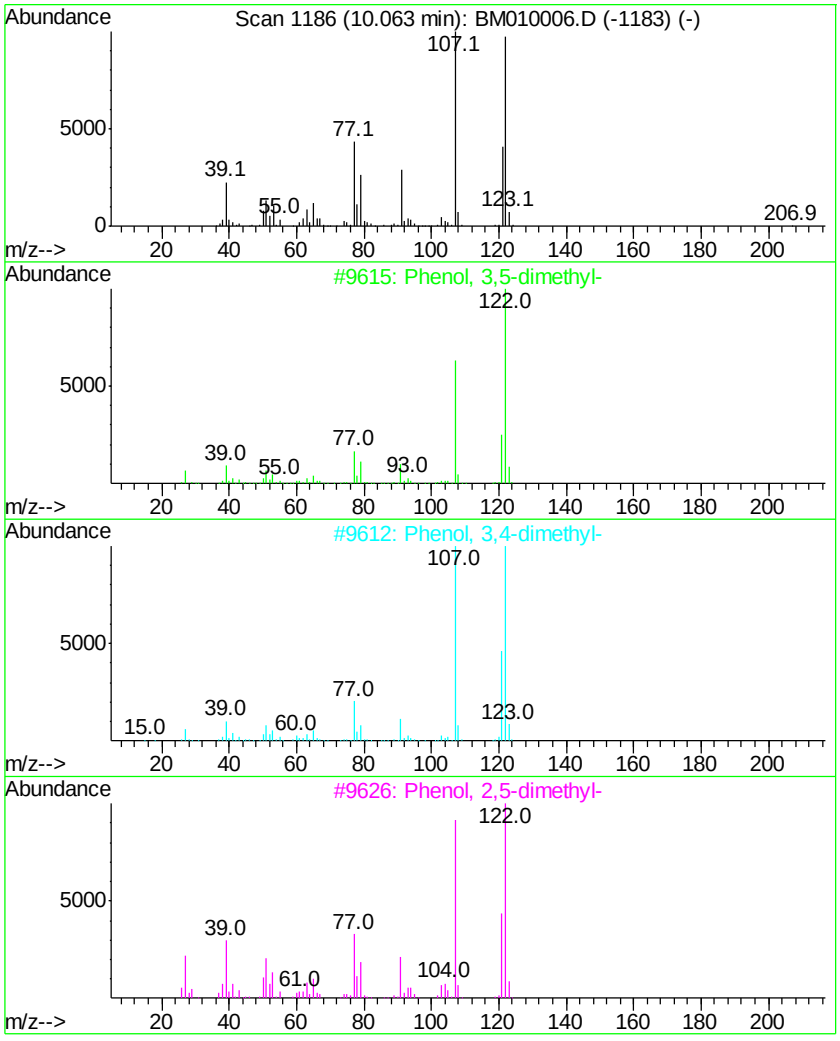

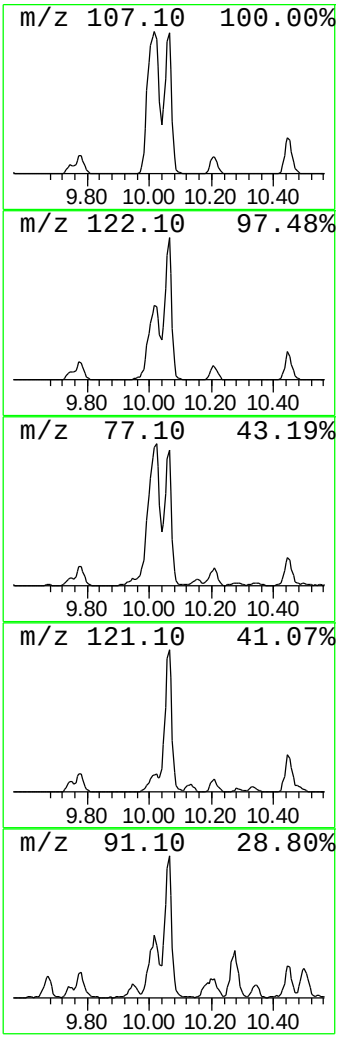

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Data File : BM010006.D
Acq On : 12 May 2017 04:06
Operator : SJ/MA
Sample : I3079-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LF001MW001-170509

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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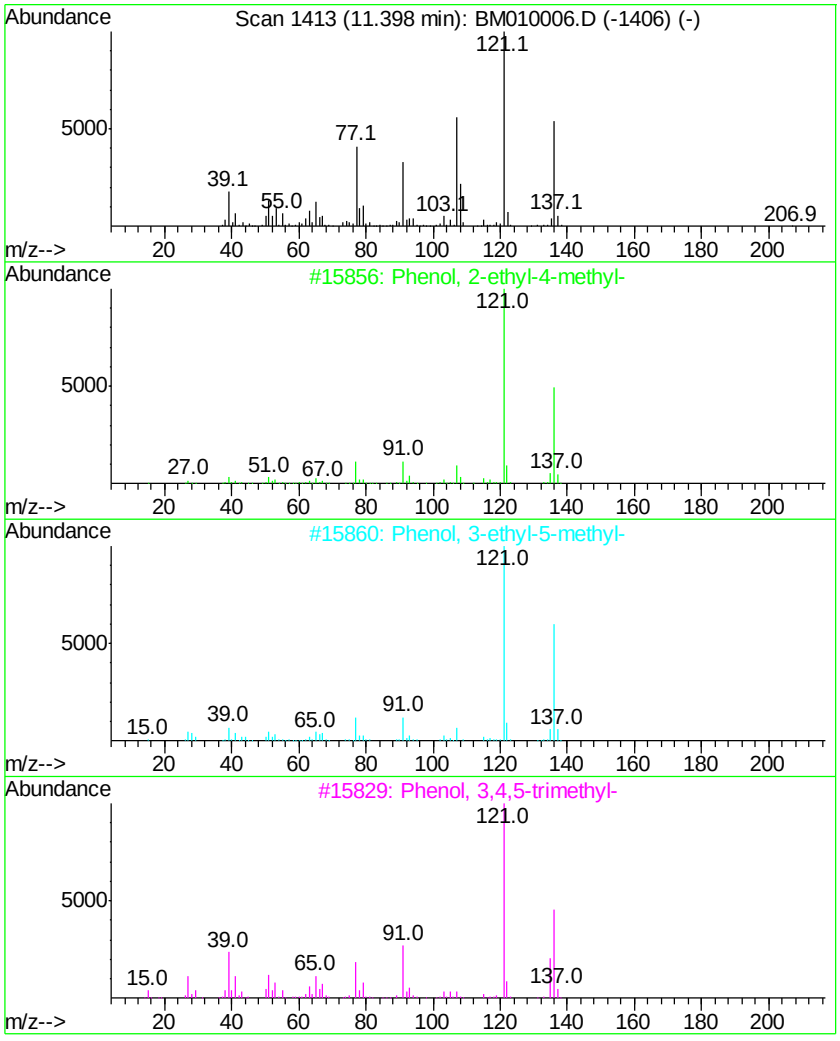
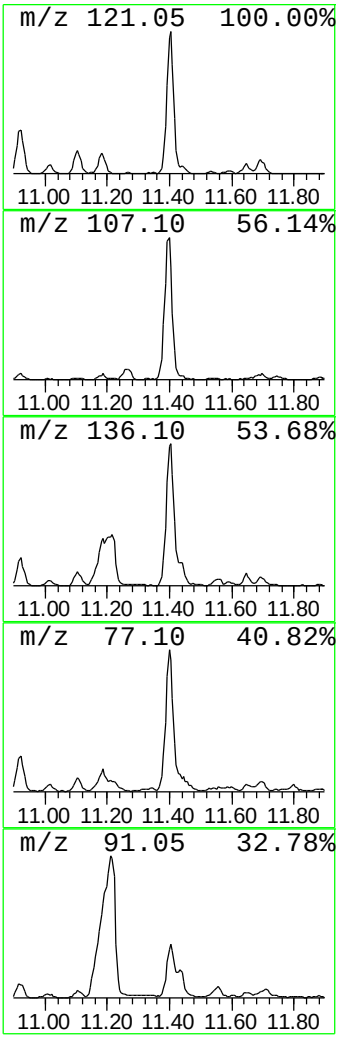
Peak Number 18 Phenol, 2-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	105.60 ng	2983900	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	74
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	72
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	70
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	70
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	68





Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
Data File : BM010006.D
Acq On : 12 May 2017 04:06
Operator : SJ/MA
Sample : I3079-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LF001MW001-170509

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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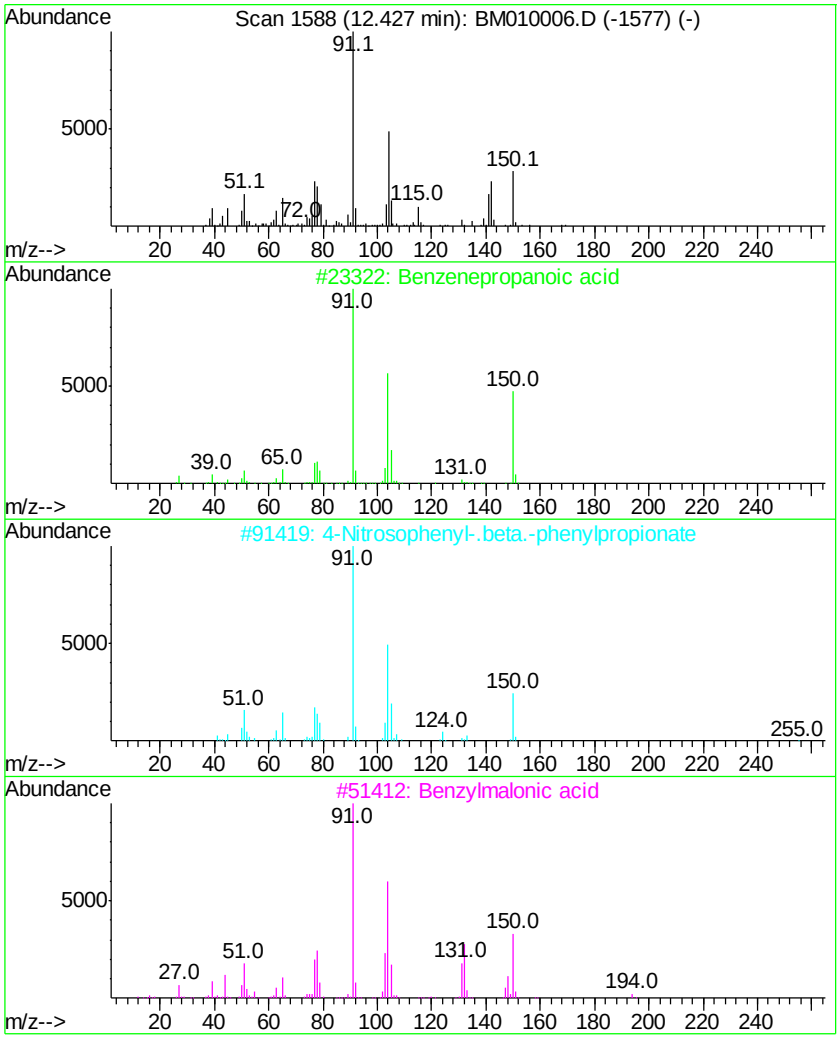
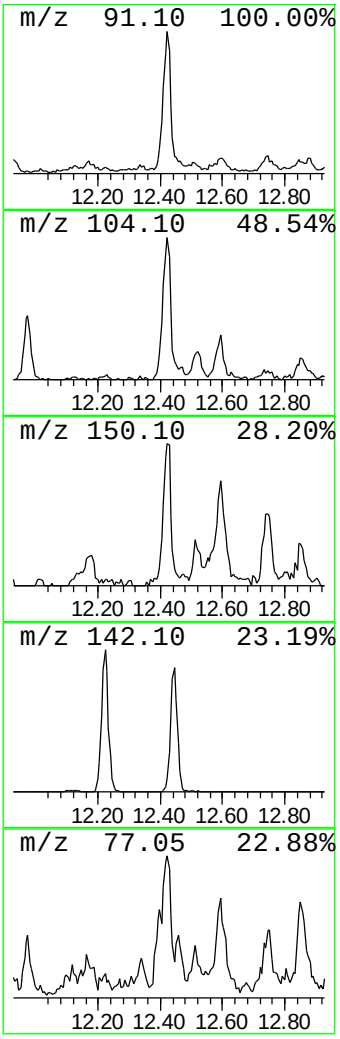
Peak Number 19 Benzenepropanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	36.01 ng	1017610	Naphthalene-d8	10.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid	150	C9H10O2	000501-52-0	68
2	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	64
3	Benzylmalonic acid	194	C10H10O4	000616-75-1	50
4	3-Phenyl-propionic acid, isoprop...	192	C12H16O2	022767-95-9	43
5	Benzenepropanoic acid, octyl ester	262	C17H26O2	037826-57-6	40





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Sample : I3079-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LF001MW001-170509

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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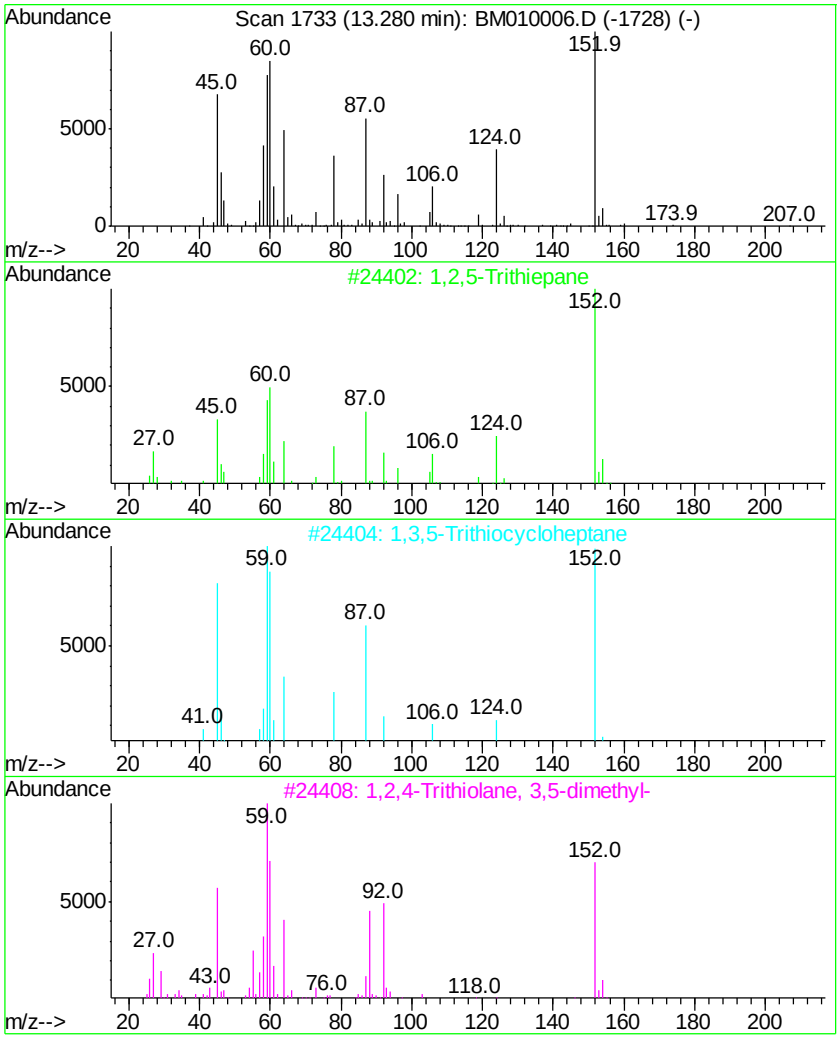
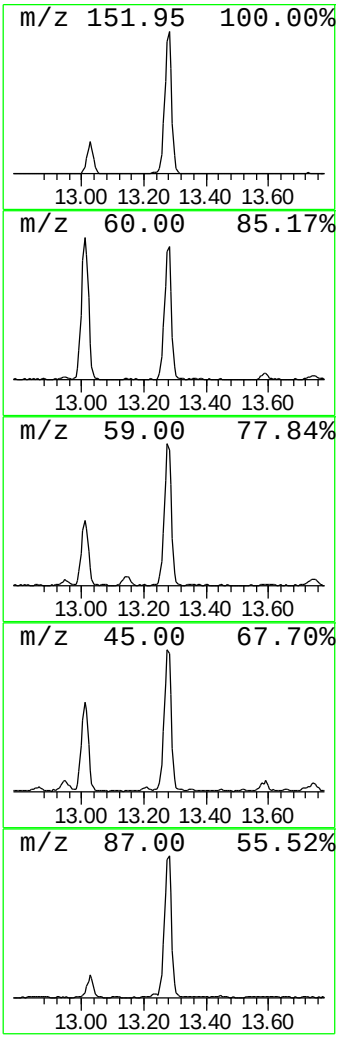
Peak Number 20 1,2,5-Trithiepane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	55.70 ng	2350350	Acenaphthene-d10	14.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,5-Trithiepane	152	C4H8S3	006576-93-8	93
2	1,3,5-Trithiocycloheptane	152	C4H8S3	081451-19-6	49
3	1,2,4-Trithiolane, 3,5-dimethyl-	152	C4H8S3	023654-92-4	49
4	Thiirane	60	C2H4S	000420-12-2	14
5	N,N-Bis(2-hydroxyethyl)-2-aminoe...	213	C6H15NO5S	010191-18-1	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051117\
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Acq On : 12 May 2017 04:06
Operator : SJ/MA
Sample : I3079-03
Misc :
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Instrument : BNA_M
ClientSampleId : LF001MW001-170509

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methyl Isobutyl K...	3.60	860.2	ng	45994100	1	7.76	1069440	20.0
2-Pentanol, 4-met...	3.81	59.7	ng	3192900	1	7.76	1069440	20.0
Butanoic acid, 3-...	4.86	37.6	ng	2012830	1	7.76	1069440	20.0
Butanoic acid	5.62	68.5	ng	3662630	1	7.76	1069440	20.0
Butanoic acid, 2-...	6.46	64.9	ng	3468200	1	7.76	1069440	20.0
Benzene, 1-ethyl-...	7.14	53.7	ng	2871330	1	7.76	1069440	20.0
unknown7.30	7.30	36.1	ng	1933030	1	7.76	1069440	20.0
Benzene, 1,2,3-tr...	7.40	59.9	ng	3201760	1	7.76	1069440	20.0
Benzene, 1,2,4-tr...	7.86	45.7	ng	2442950	1	7.76	1069440	20.0
Hexanoic acid, 2-...	9.21	84.4	ng	2385290	2	10.56	565138	20.0
Hexanoic acid, 2-...	9.36	34.7	ng	980808	2	10.56	565138	20.0
Phenol, 3-ethyl-	10.02	285.2	ng	8058620	2	10.56	565138	20.0
Phenol, 3,5-dimet...	10.06	110.0	ng	3109350	2	10.56	565138	20.0
Phenol, 2-ethyl-4...	11.40	105.6	ng	2983900	2	10.56	565138	20.0
Benzenepropanoic ...	12.43	36.0	ng	1017610	2	10.56	565138	20.0
1,2,5-Trithiepane	13.28	55.7	ng	2350350	3	14.42	843942	20.0