LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013069.D
Acq On : 21 Nov 2017 06:30
Operator : SJ/JU
Sample : I6405-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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\SOM-EPA-BM111617.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.969	145	150	161	rVB	5199663	7114584	2.11%	0.673%
2	5.069	326	337	343	rBV	4315516	6823335	2.02%	0.645%
3	5.211	349	361	364	rBV	2267735	3905217	1.16%	0.369%
4	5.269	364	371	382	rVB2	46890040	81574266	24.20%	7.713%
5	5.434	382	399	405	rBV4	104123304	337134867	100.00%	31.878%
6	5.775	447	457	462	rVB2	64945949	113115558	33.55%	10.696%
7	6.016	491	498	507	rBV2	1939028	4356928	1.29%	0.412%
8	6.199	518	529	536	rBV2	2792891	4953871	1.47%	0.468%
9	6.816	622	634	639	rBV	6284374	10056928	2.98%	0.951%
10	6.875	639	644	650	rVV	2827138	4281909	1.27%	0.405%
11	6.946	650	656	660	rVV2	4151448	6523109	1.93%	0.617%
12	6.993	660	664	669	rVV2	2507036	3928234	1.17%	0.371%
13	7.110	679	684	688	rVV	2885240	4544360	1.35%	0.430%
14	7.369	723	728	733	rBV	13057769	19254828	5.71%	1.821%
15	7.828	800	806	814	rVB	4385460	7111744	2.11%	0.672%
16	7.922	814	822	830	rVB	3631200	6159000	1.83%	0.582%
17	8.187	854	867	876	rVB2	54225845	123123983	36.52%	11.642%
18	8.381	887	900	904	rVV	36787037	75644819	22.44%	7.153%
19	8.575	917	933	938	rBV5	906829	3869008	1.15%	0.366%
20	9.046	1004	1013	1022	rVB	9381405	16244254	4.82%	1.536%
21	9.504	1085	1091	1099	rVB2	2427431	4730847	1.40%	0.447%
22	9.704	1120	1125	1128	rBV	2366583	4058759	1.20%	0.384%
23	9.940	1153	1165	1171	rVB	24842026	45719129	13.56%	4.323%
24	10.916	1325	1331	1336	rVB2	4654060	7954379	2.36%	0.752%
25	11.587	1439	1445	1450	rBV	3509524	6051972	1.80%	0.572%
26	11.863	1486	1492	1503	rVB	3629478	6795982	2.02%	0.643%
27	13.998	1828	1855	1859	rBV	13655437	65284469	19.36%	6.173%
28	14.045	1859	1863	1868	rVB	2377081	3493757	1.04%	0.330%
29	14.263	1893	1900	1903	rBV	2082783	3596548	1.07%	0.340%
30	14.357	1910	1916	1922	rBV3	1674833	3480698	1.03%	0.329%
31	15.269	2065	2071	2075	rBV	2239345	3426174	1.02%	0.324%
32	15.351	2081	2085	2087	rBV	2529099	3393120	1.01%	0.321%
33	15.898	2169	2178	2188	rBV2	7066853	14854025	4.41%	1.405%
34	16.086	2201	2210	2215	rBV2	1986015	3621347	1.07%	0.342%

LSC Area Percent Report

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Data File : BM013069.D
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Operator : SJ/JU
Sample : I6405-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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\SOM-EPA-BM111617.M
Title : SVOA CALIBRATION

35	17.198	2394	2399	2409	rVV	3150339	4735257	1.40%	0.448%
36	17.298	2410	2416	2421	rVV2	2044695	3999990	1.19%	0.378%
37	17.357	2421	2426	2437	rVB2	2974098	5041973	1.50%	0.477%
38	18.245	2571	2577	2583	rBV	9079746	12070548	3.58%	1.141%
39	19.492	2784	2789	2797	rVB	3221579	4427637	1.31%	0.419%
40	20.015	2872	2878	2881	rBV	5429429	7044751	2.09%	0.666%
41	23.374	3442	3449	3455	rBV2	2230742	4076528	1.21%	0.385%

Sum of corrected areas: 1057578692

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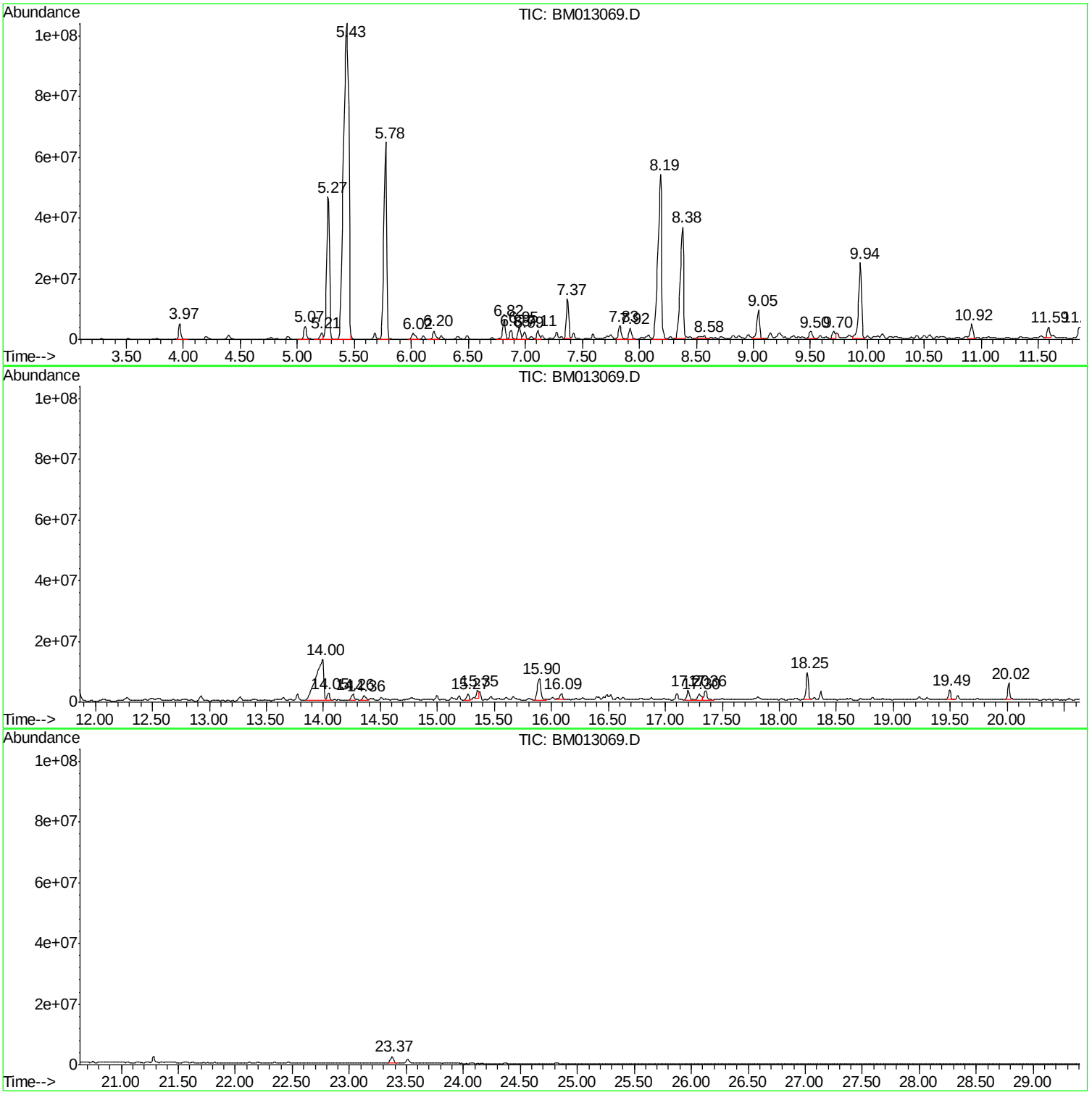
Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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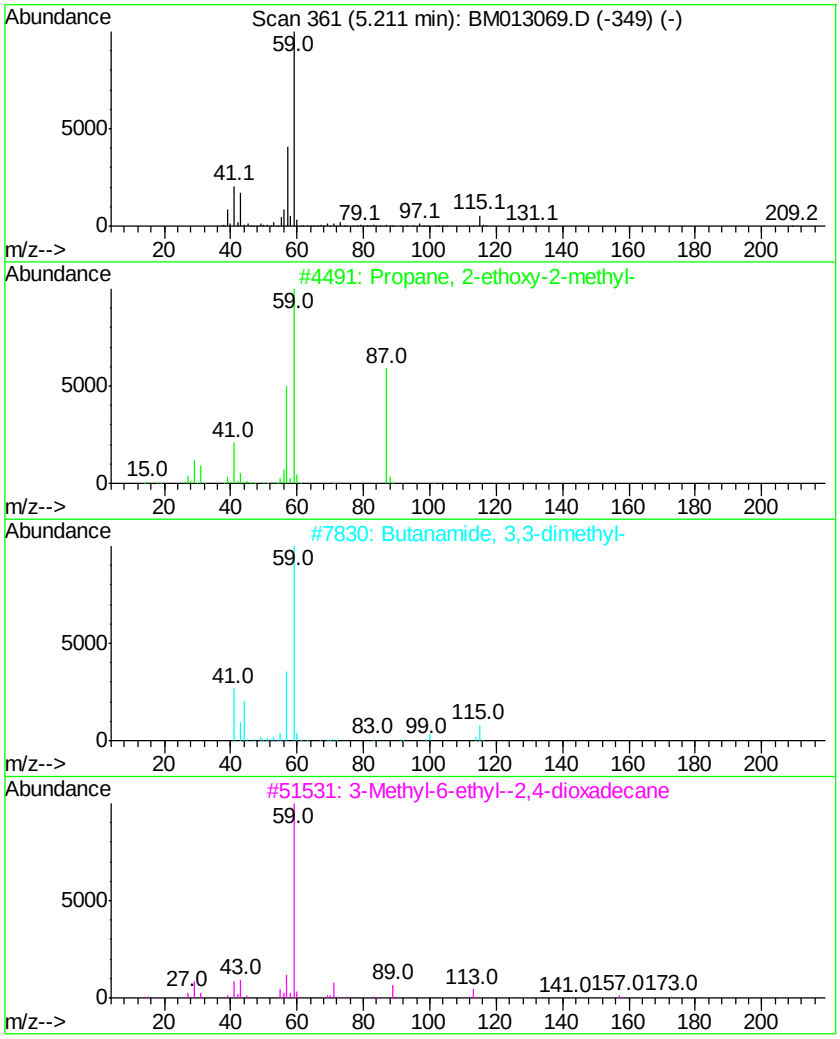
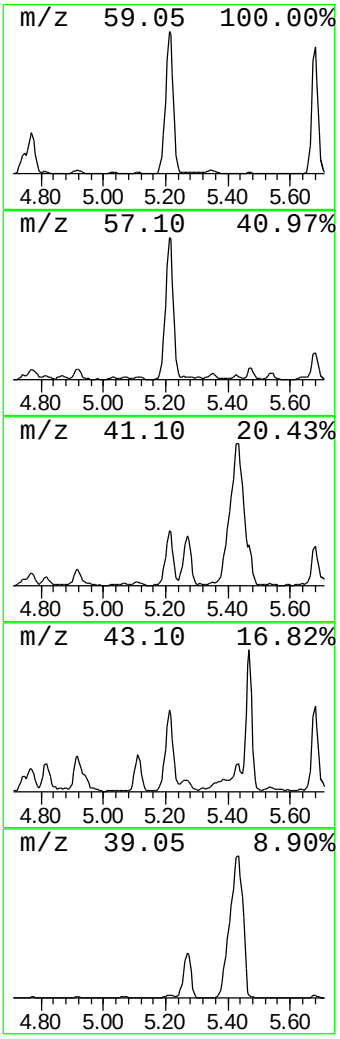
Peak Number 3 Propane, 2-ethoxy-2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	10.98 ng/ul	3905220	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	56
2	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	50
3	3-Methyl-6-ethyl--2,4-dioxadecane	188	C11H24O2	1000334-83-2	40
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	40
5	4-O-Acetyl-2,5-di-O-methyl-3,6-d...	215	C10H17NO4	1000101-80-3	39





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Operator : SJ/JU
Sample : I6405-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

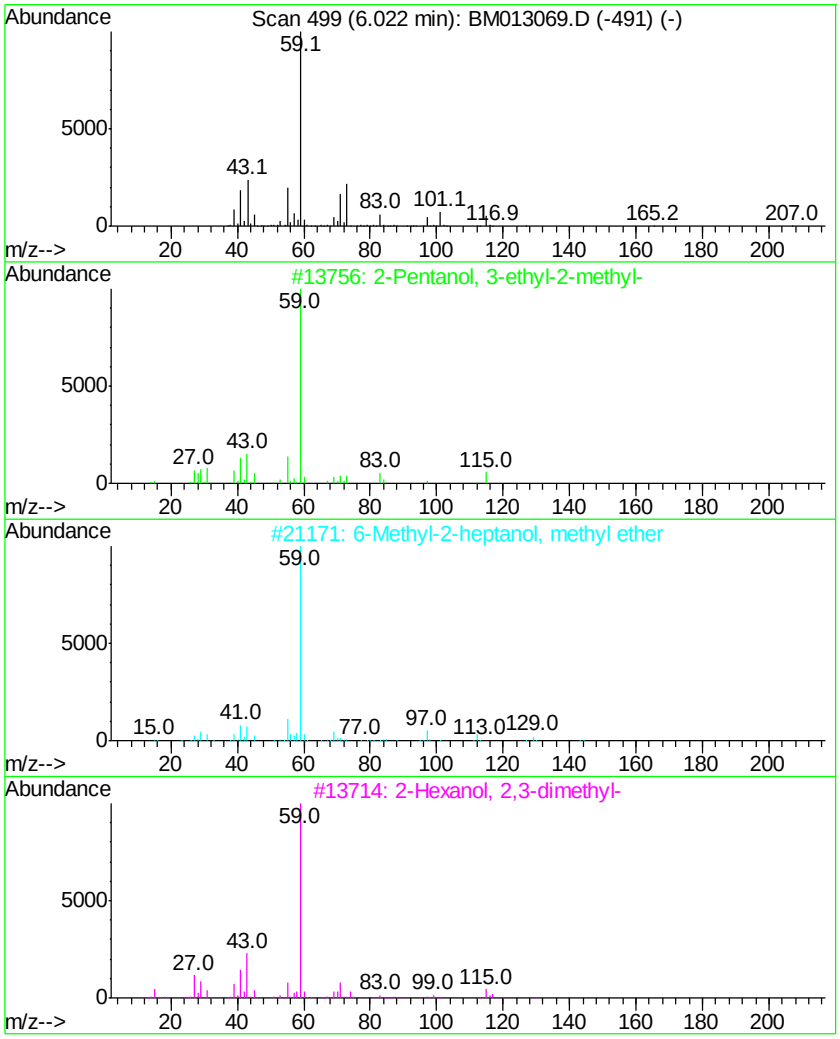
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

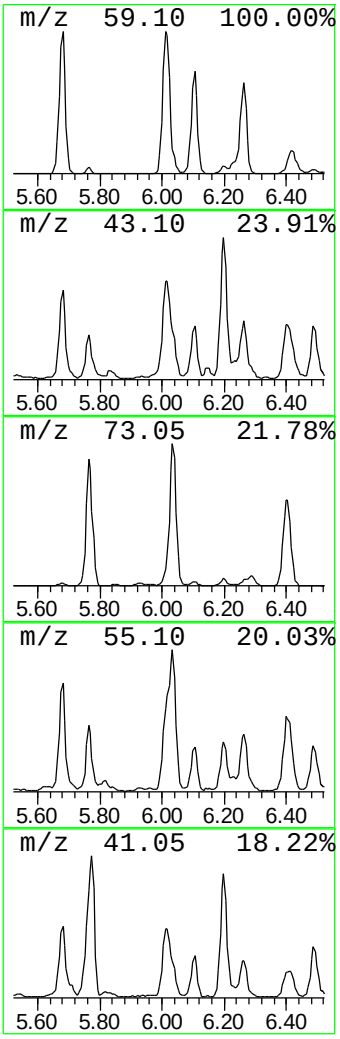
****

Peak Number 7 2-Pentanol, 3-ethyl-2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	12.25 ng/ul	4356930	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	019780-63-3	56
2	6-Methyl-2-heptanol, methyl ether	144	C9H20O	1000365-52-0	50
3	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	50
4	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	42
5	2-Hexanol, methyl ether	116	C7H16O	1000333-92-0	42





Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013069.D
Acq On : 21 Nov 2017 06:30
Operator : SJ/JU
Sample : I6405-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

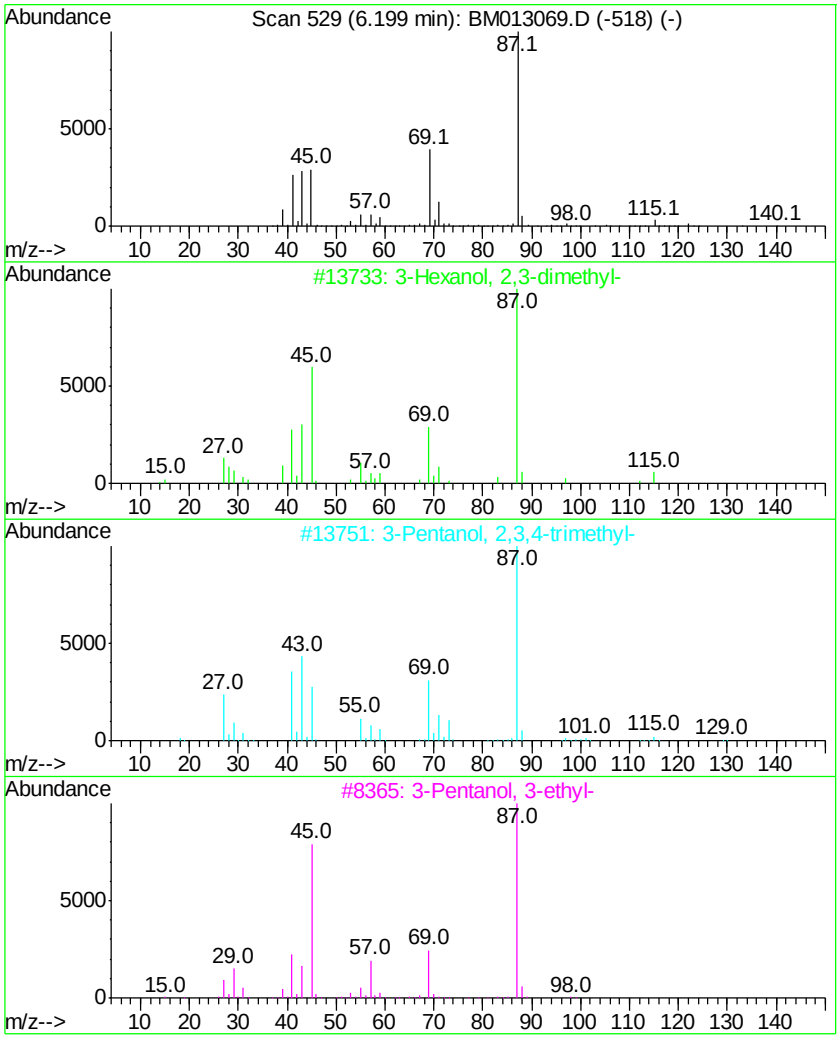
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

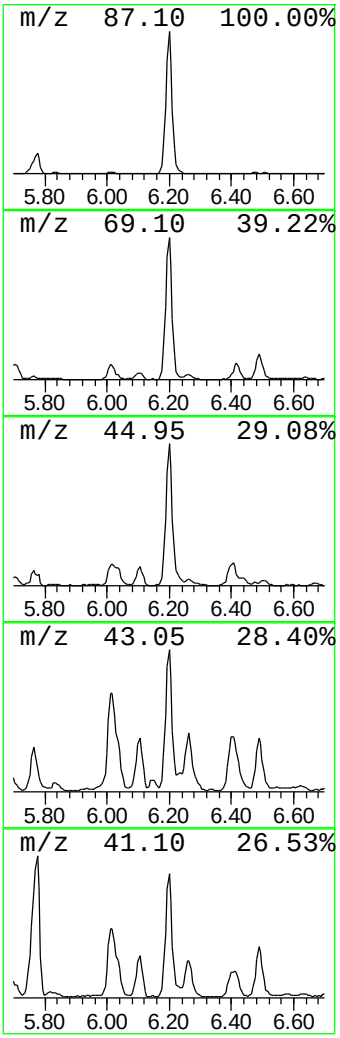
****

Peak Number 8 3-Hexanol, 2,3-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	13.93 ng/ul	4953870	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 2,3-dimethyl-	130	C8H18O	004166-46-5	78
2	3-Pentanol, 2,3,4-trimethyl-	130	C8H18O	003054-92-0	78
3	3-Pentanol, 3-ethyl-	116	C7H16O	000597-49-9	64
4	4-Heptanol, 4-methyl-	130	C8H18O	000598-01-6	64
5	3-Hexanol, 2,3-dimethyl-	130	C8H18O	004166-46-5	56





Library Search Compound Report

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Sample : I6405-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

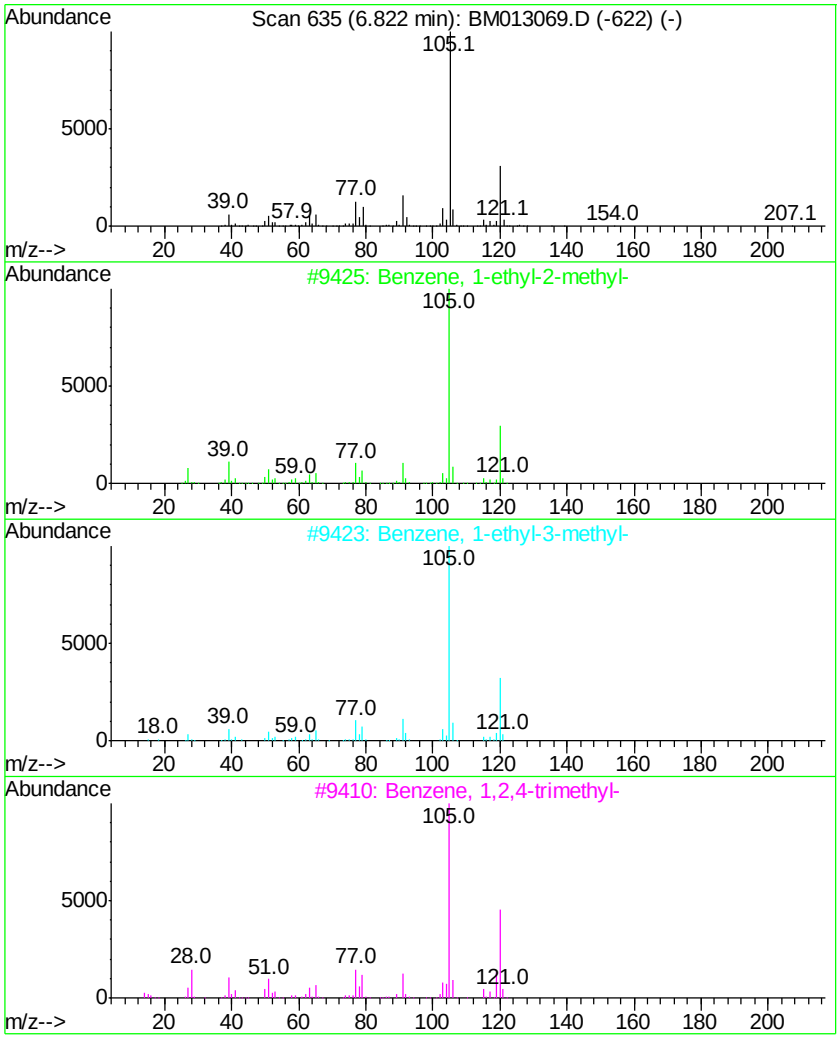
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

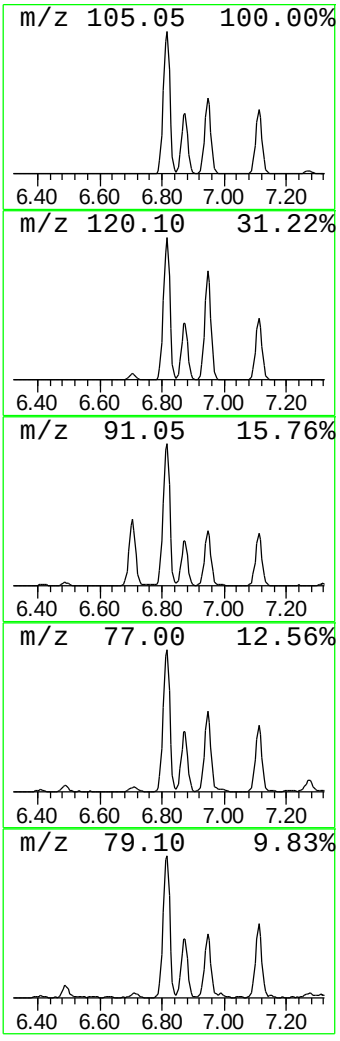
****

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	28.28 ng/ul	10056900	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Operator : SJ/JU
Sample : I6405-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

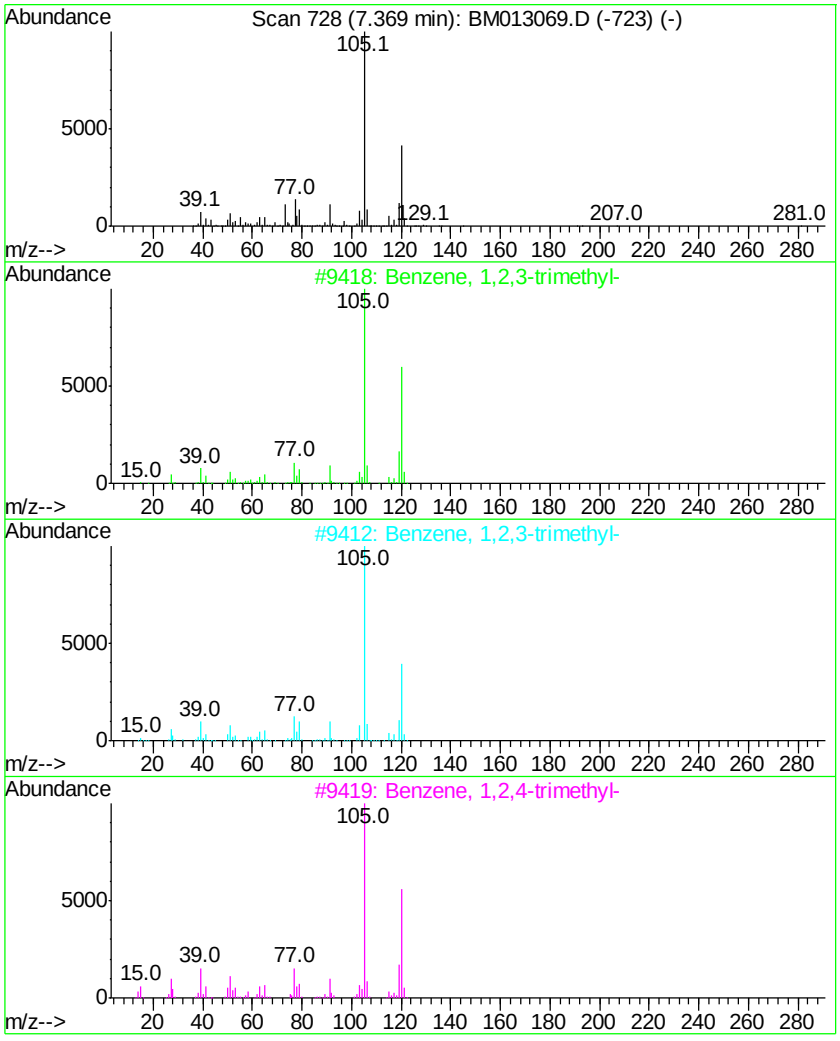
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

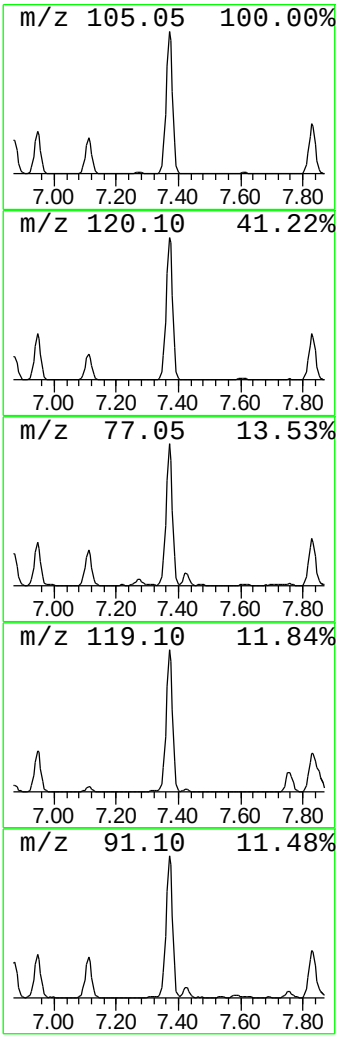
****

Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	54.15 ng/ul	19254800	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	90





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ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

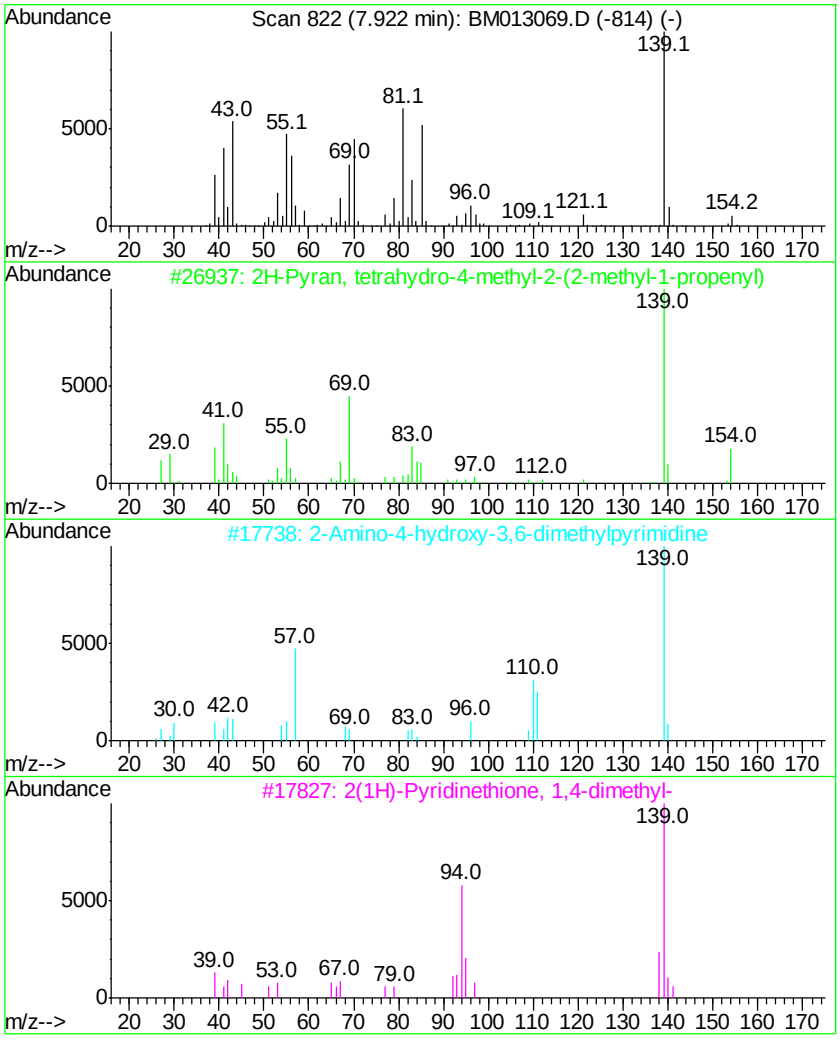
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

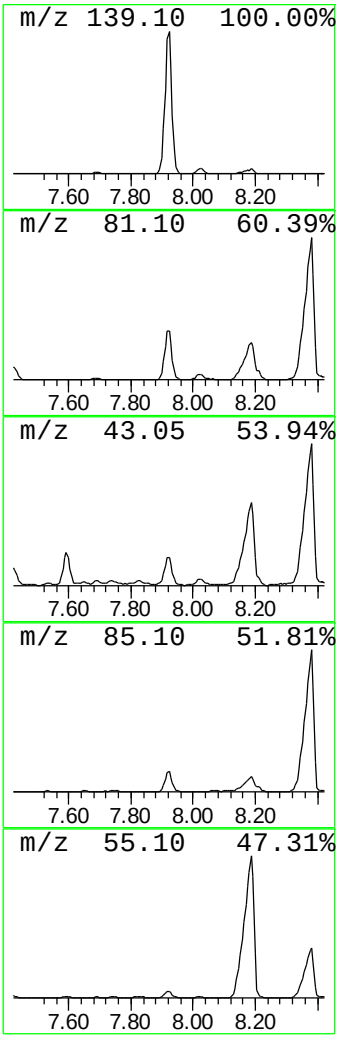
****

Peak Number 13 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	17.32 ng/ul	6159000	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-4-methyl-2-...	154	C10H18O	016409-43-1	37
2	2-Amino-4-hydroxy-3,6-dimethylpy...	139	C6H9N3O	033796-41-7	35
3	2(1H)-Pyridinethione, 1,4-dimethyl-	139	C7H9NS	019006-67-8	22
4	5-Dimethylamino-furan-2-carbalde...	139	C7H9NO2	1000317-69-8	16
5	2-Fluoro-.alpha.-methylbenzyl al...	154	C9H11FO	1000365-11-2	16





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Quant Title : SVOA CALIBRATION

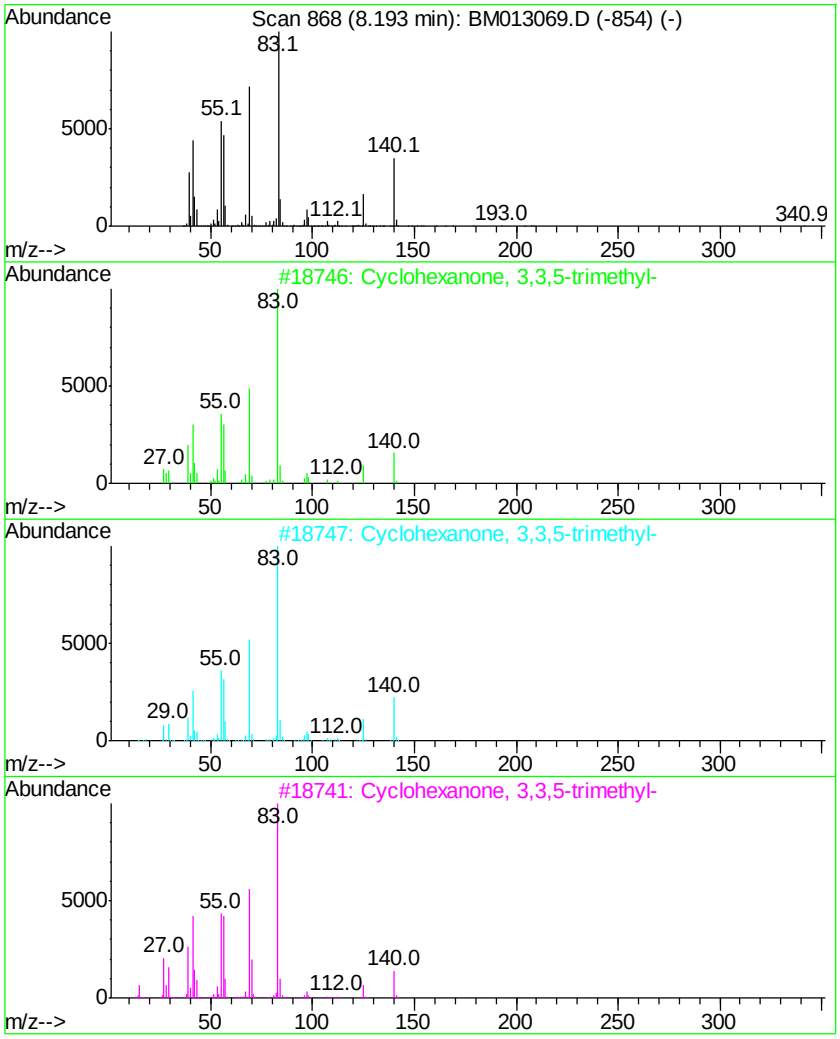
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

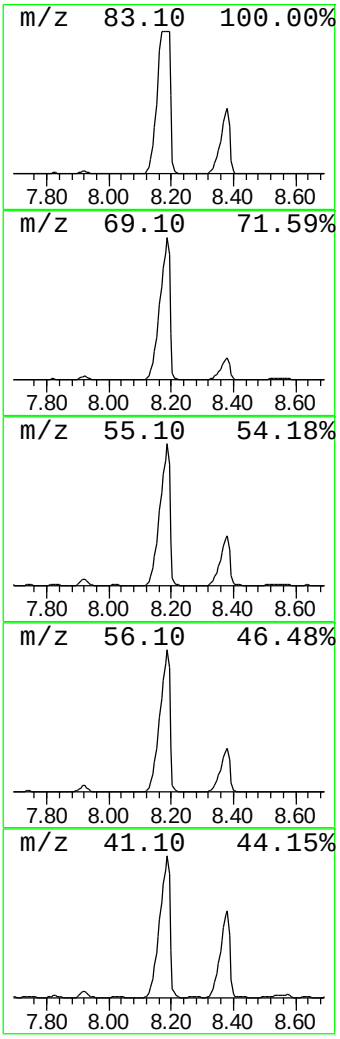
****

Peak Number 14 Cyclohexanone, 3,3,5-trimet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	346.26 ng/ul	123124000	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	94
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	86
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	58
4	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	58
5	1,3-Cyclohexanedione, 5,5-dimethyl-	140	C8H12O2	000126-81-8	52





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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

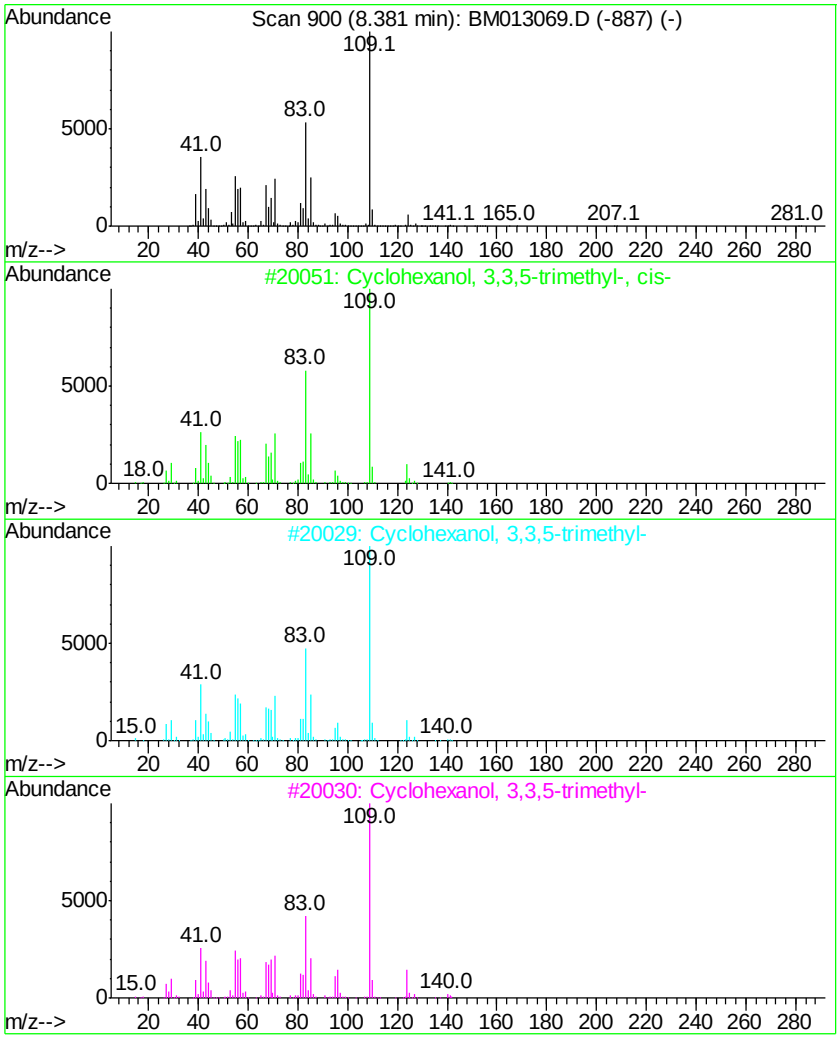
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

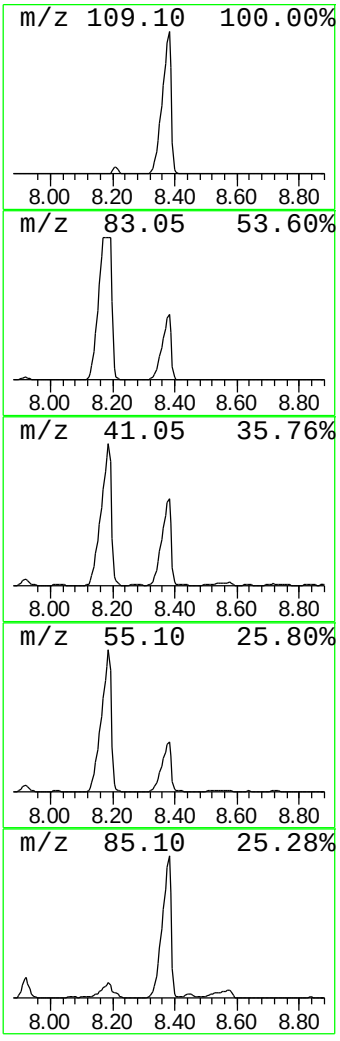
****

Peak Number 15 Cyclohexanol, 3,3,5-trimeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.38	212.73 ng/ul	75644800	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000933-48-2	83
2	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	83
3	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	78
4	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	50
5	2-(1-Cyclopent-1-enyl-1-methylet...	192	C13H20O	1000190-57-4	43





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Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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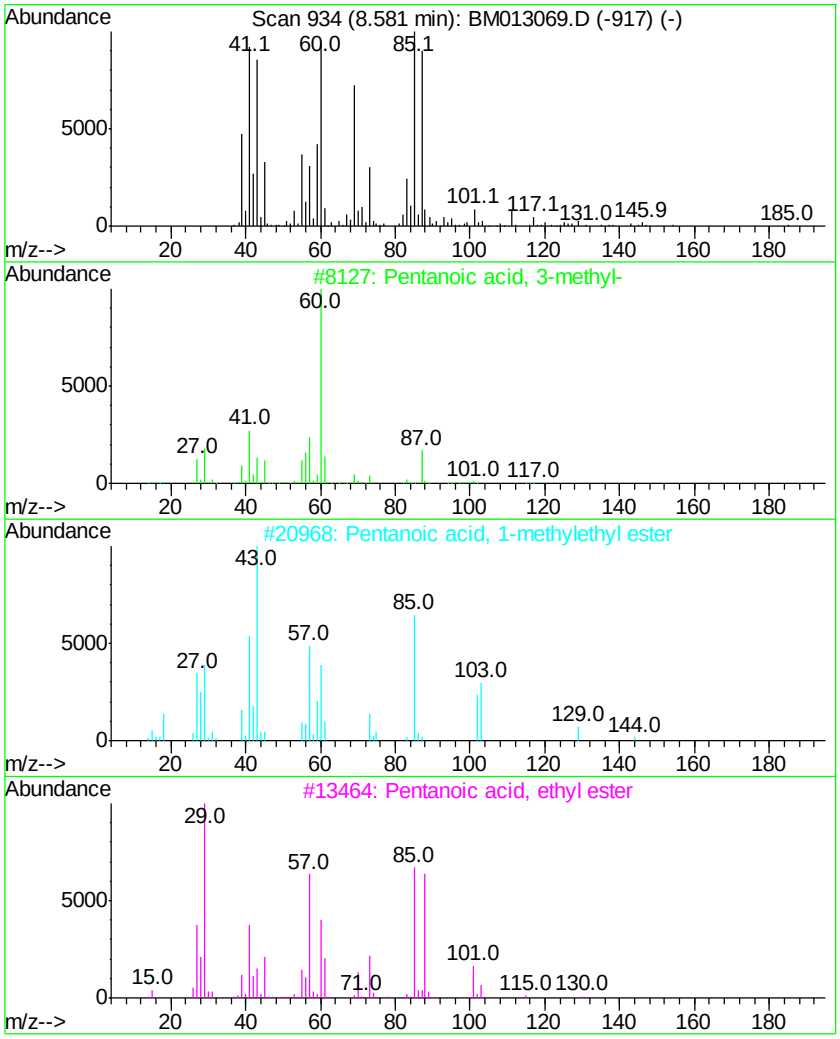
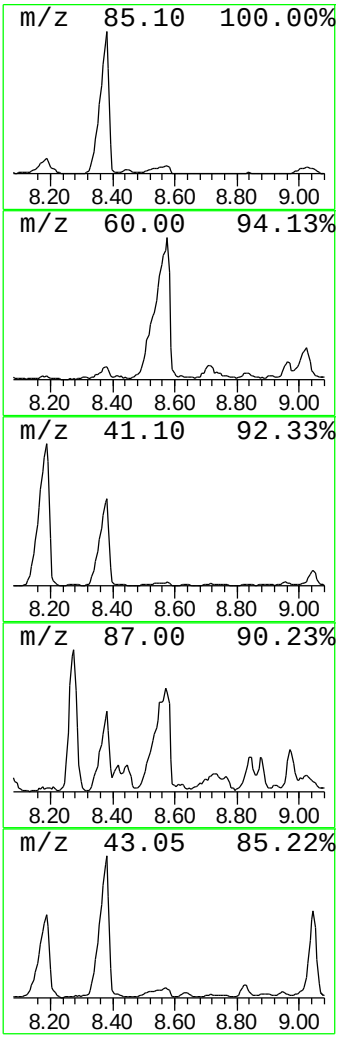
Peak Number 16 unknown-02 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	10.88 ng/ul	3869010	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	43
2	Pentanoic acid, 1-methylethyl ester	144	C8H16O2	018362-97-5	38
3	Pentanoic acid, ethyl ester	130	C7H14O2	000539-82-2	27
4	Ethyl hydrogen malonate	132	C5H8O4	001071-46-1	27
5	Propane, 1-(ethenylthio)-	102	C5H10S	016330-21-5	22





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Acq On : 21 Nov 2017 06:30
Operator : SJ/JU
Sample : I6405-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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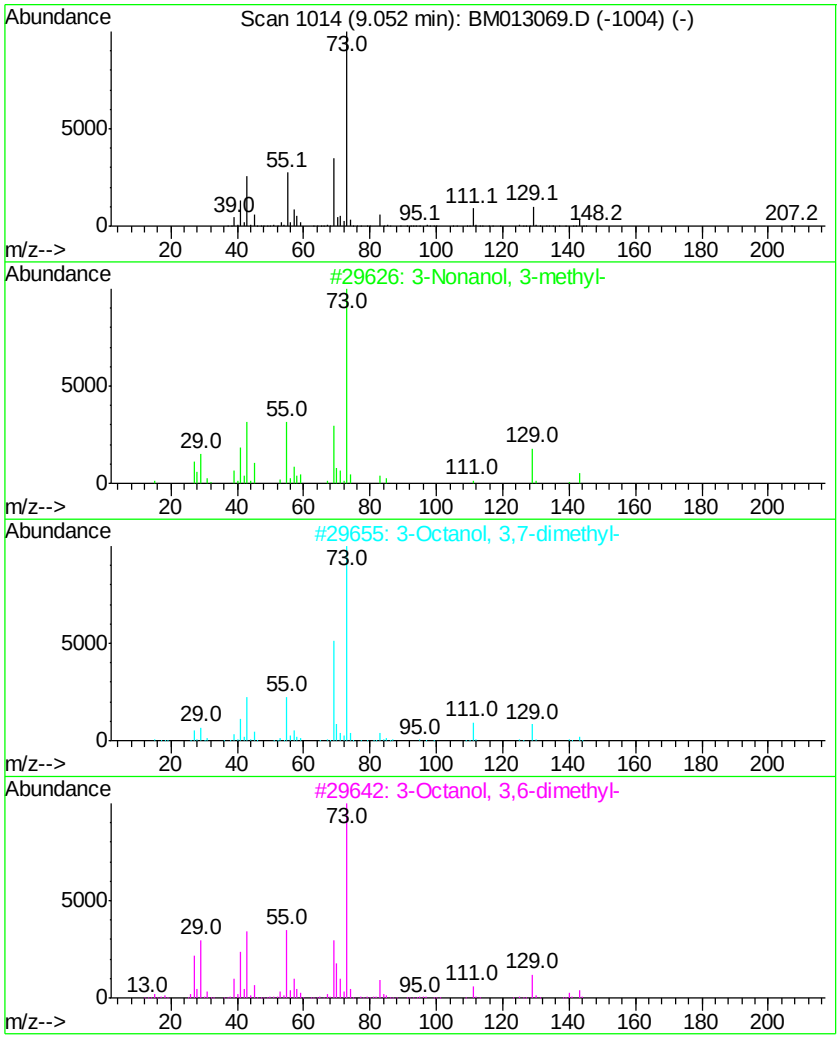
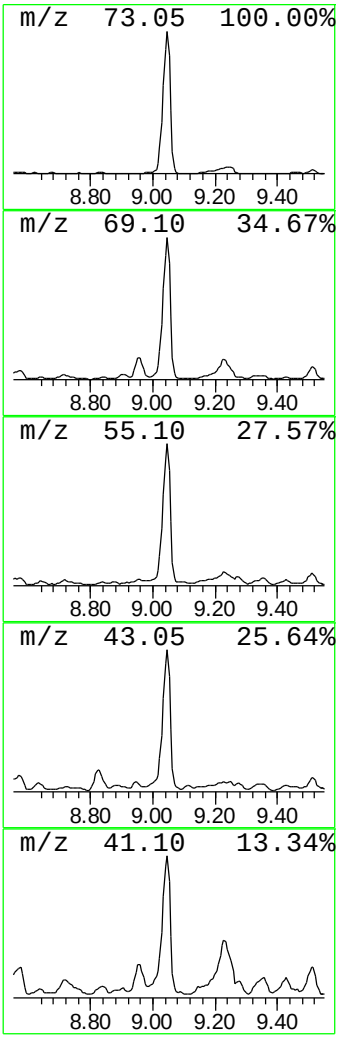
Peak Number 17 3-Nonanol, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	45.68 ng/ul	16244300	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonanol, 3-methyl-	158	C10H22O	021078-72-8	50
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	50
3	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	42
4	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	40
5	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	38





Library Search Compound Report

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Operator : SJ/JU
Sample : I6405-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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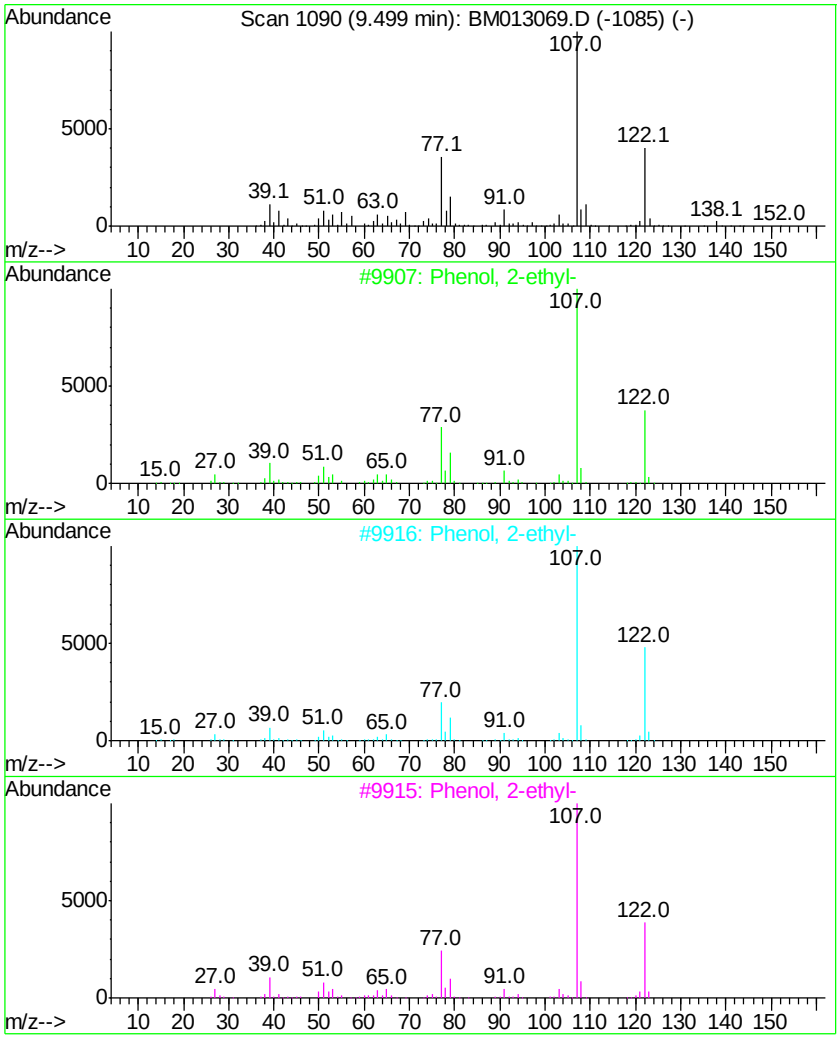
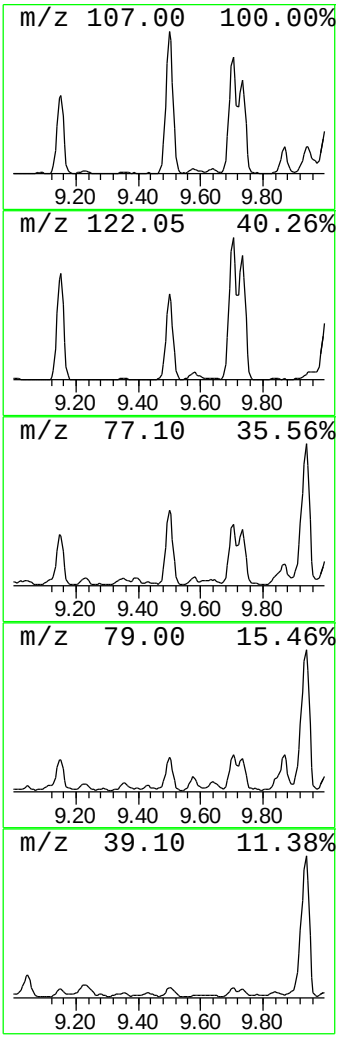
Peak Number 18 Phenol, 2-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	11.89 ng/ul	4730850	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	93
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	90
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	86





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

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Quant Title : SVOA CALIBRATION

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

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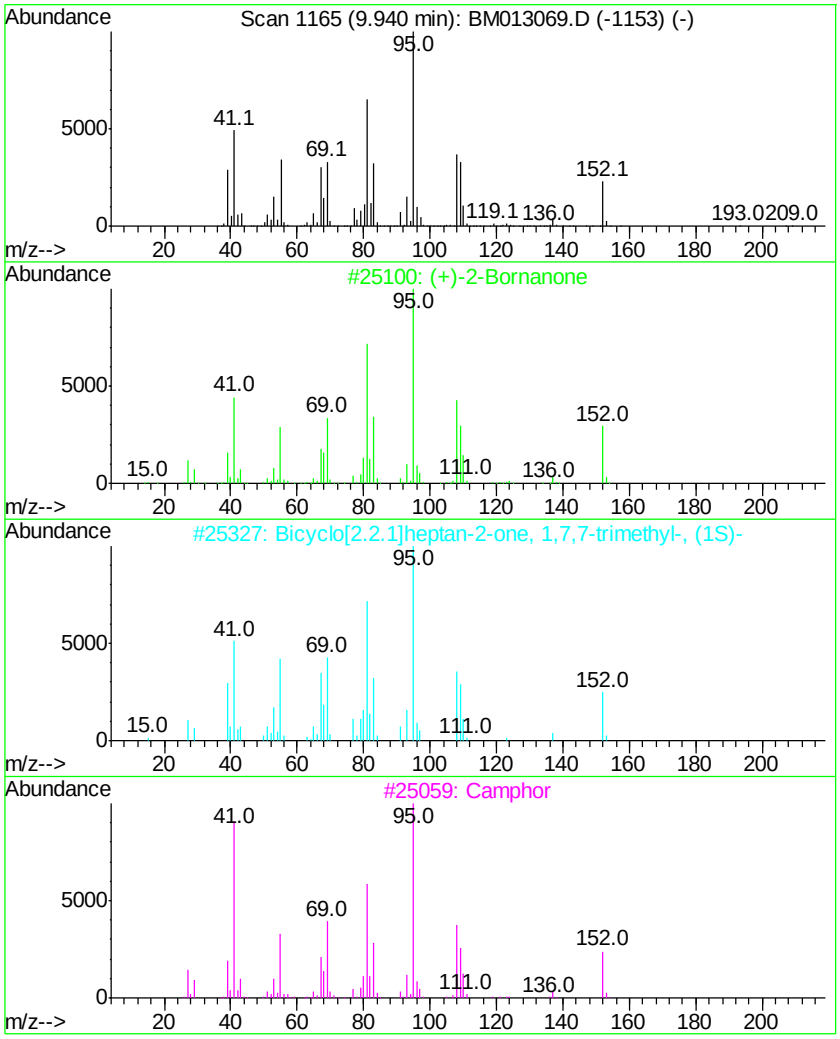
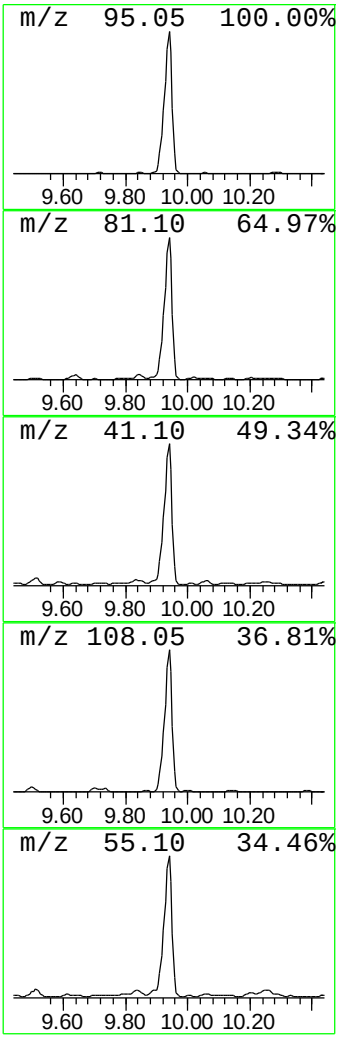
Peak Number 19 (+)-2-Bornanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	114.95 ng/ul	45719100	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
2	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
3	Camphor	152	C10H16O	000076-22-2	97
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	96





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Sample : I6405-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

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Quant Title : SVOA CALIBRATION

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

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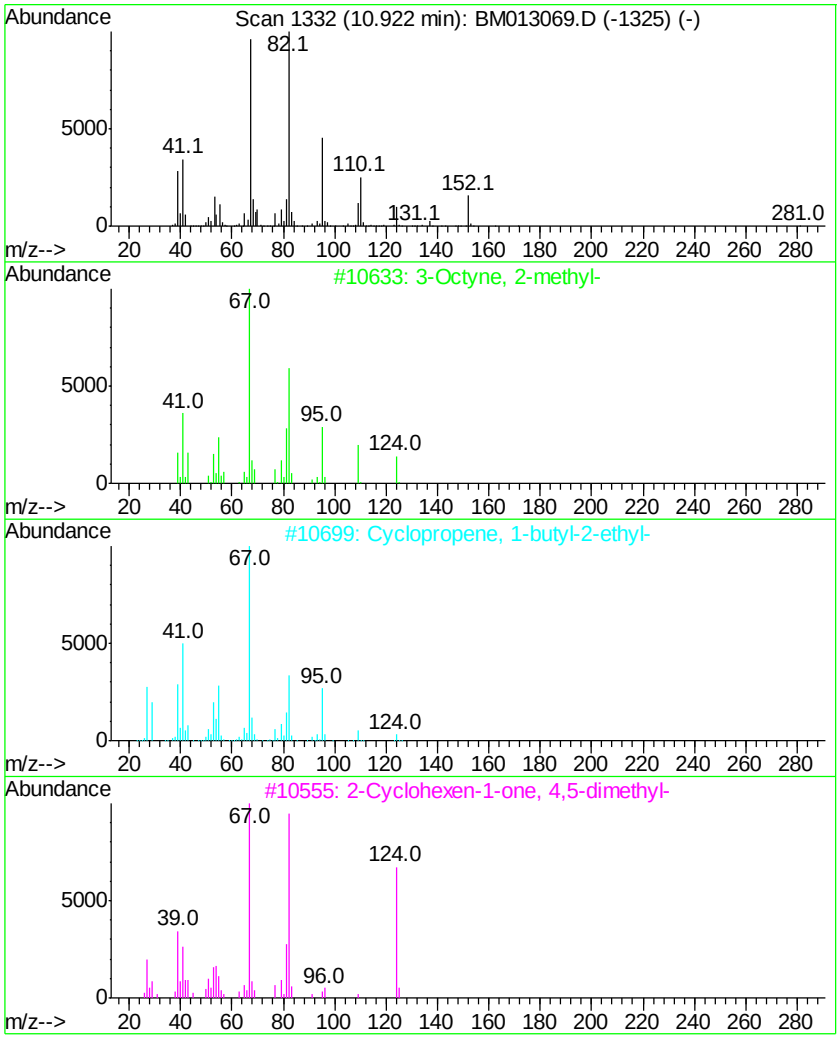
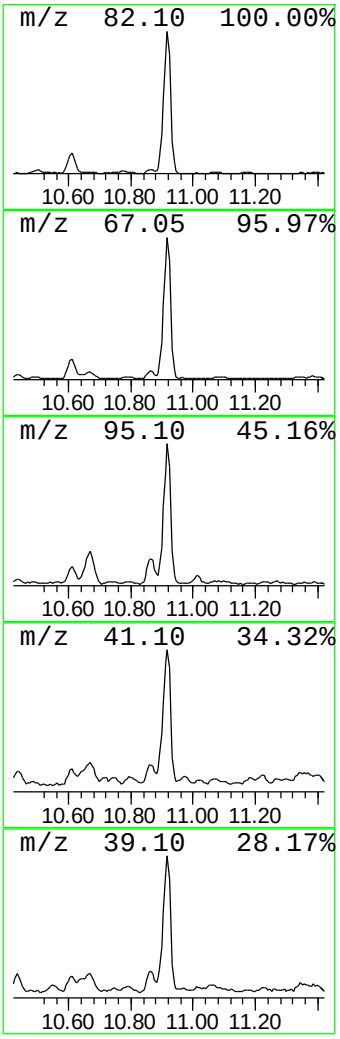
Peak Number 20 3-Octyne, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	20.00 ng/ul	7954380	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	74
2	Cyclopropene, 1-butyl-2-ethyl-	124	C9H16	050915-91-8	64
3	2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	52
4	Carbonic acid, 3-hexenyl methyl ...	158	C8H14O3	067633-96-9	50
5	Cyclopentene, 1-(1-methylethyl)-	110	C8H14	001462-07-3	49





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Acq On : 21 Nov 2017 06:30
Operator : SJ/JU
Sample : I6405-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

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Quant Title : SVOA CALIBRATION

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

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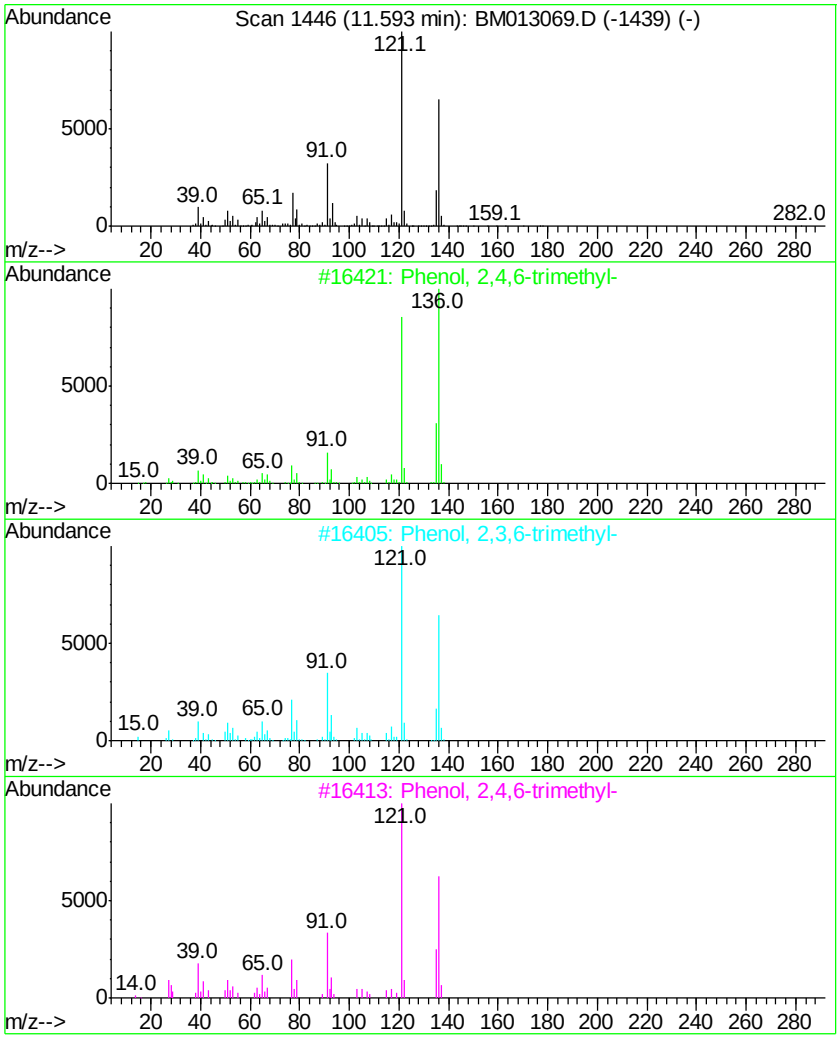
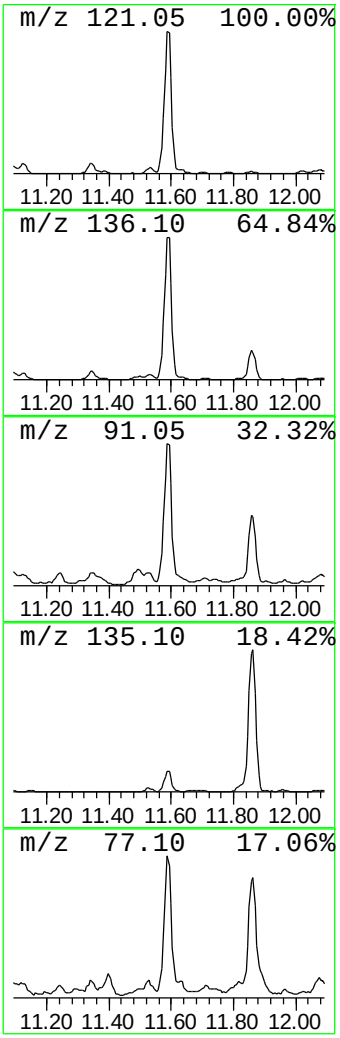
Peak Number 21 Phenol, 2,4,6-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	15.22 ng/ul	6051970	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	97
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	97
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	96
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	96
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	95





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Operator : SJ/JU
Sample : I6405-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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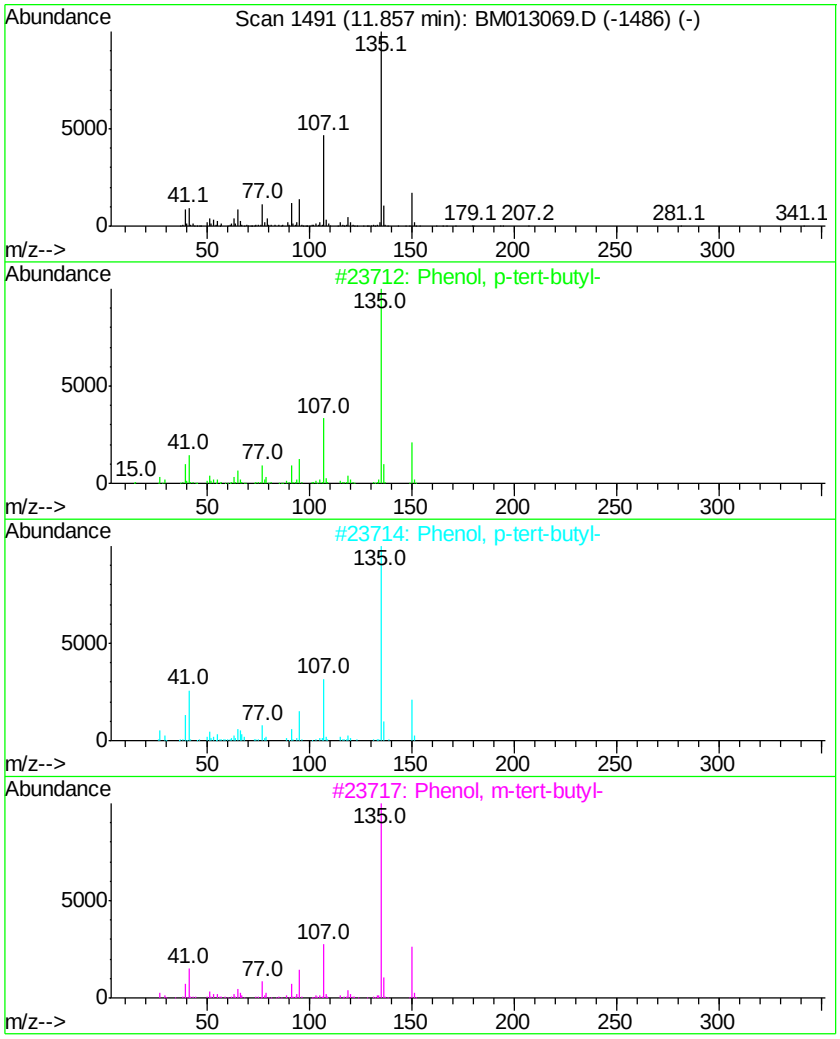
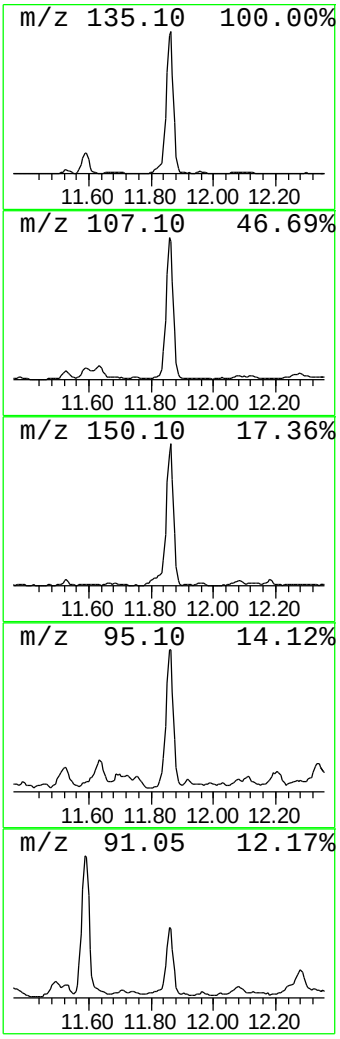
Peak Number 22 Phenol, p-tert-butyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	17.09 ng/ul	6795980	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	91
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	81
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	78
5	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	64





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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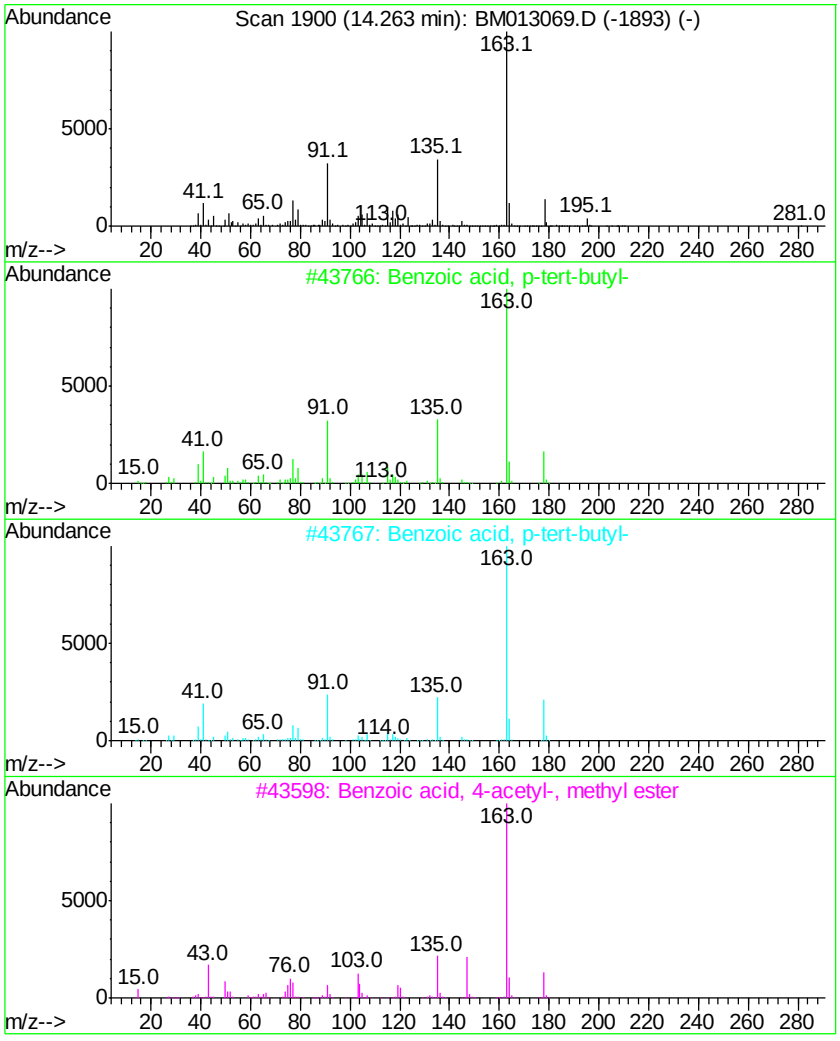
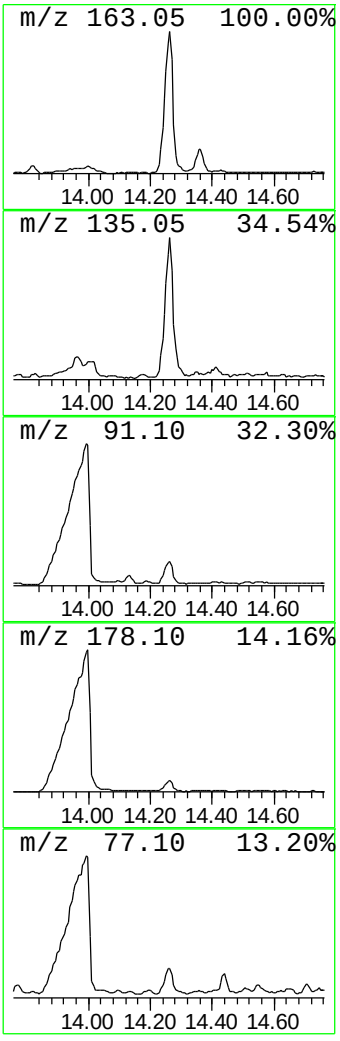
Peak Number 23 Benzoic acid, p-tert-butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	20.67 ng/ul	3596550	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	94
2	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	93
3	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	72
4	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	64
5	1,4-Benzenedicarboxylic acid, di...	194	C10H10O4	000120-61-6	59





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Sample : I6405-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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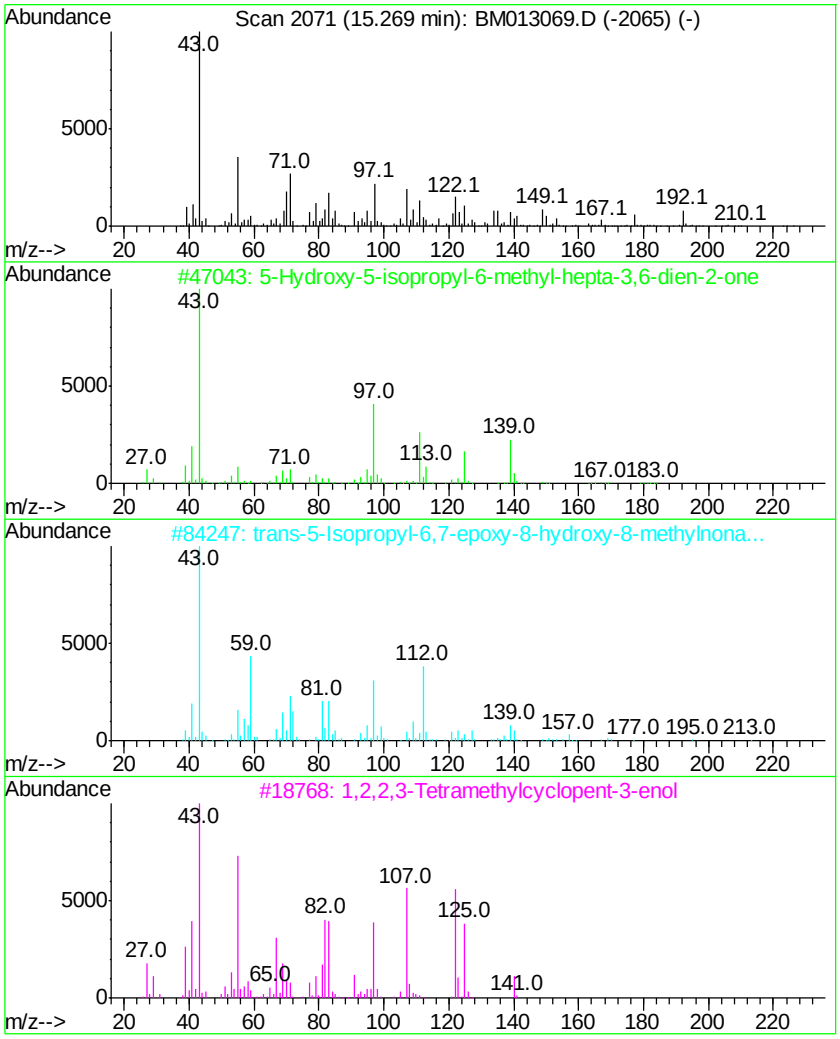
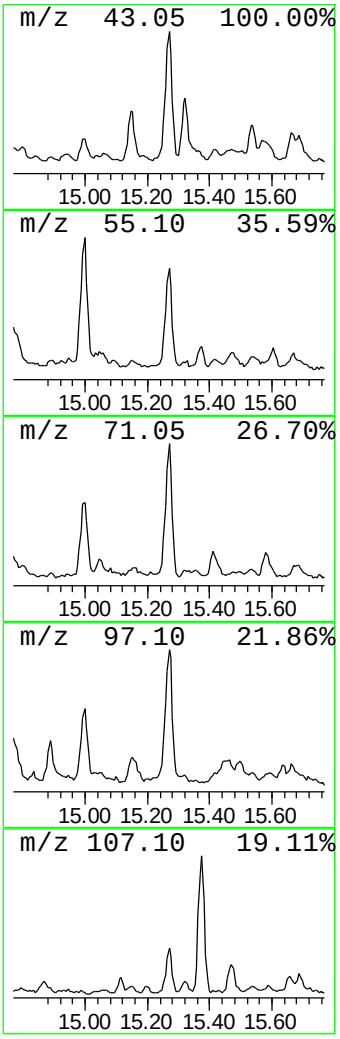
Peak Number 24 unknown-03 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	19.69 ng/ul	3426170	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Hydroxy-5-isopropyl-6-methyl-h...	182	C11H18O2	1000187-15-9	22
2	trans-5-Isopropyl-6,7-epoxy-8-hy...	228	C13H24O3	058002-07-6	14
3	1,2,2,3-Tetramethylcyclopent-3-enol	140	C9H16O	074055-14-4	14
4	3-Octen-2-one, (E)-	126	C8H14O	018402-82-9	12
5	Chloroacetic acid, 2-tetradecyl ...	290	C16H31ClO2	1000280-08-4	12





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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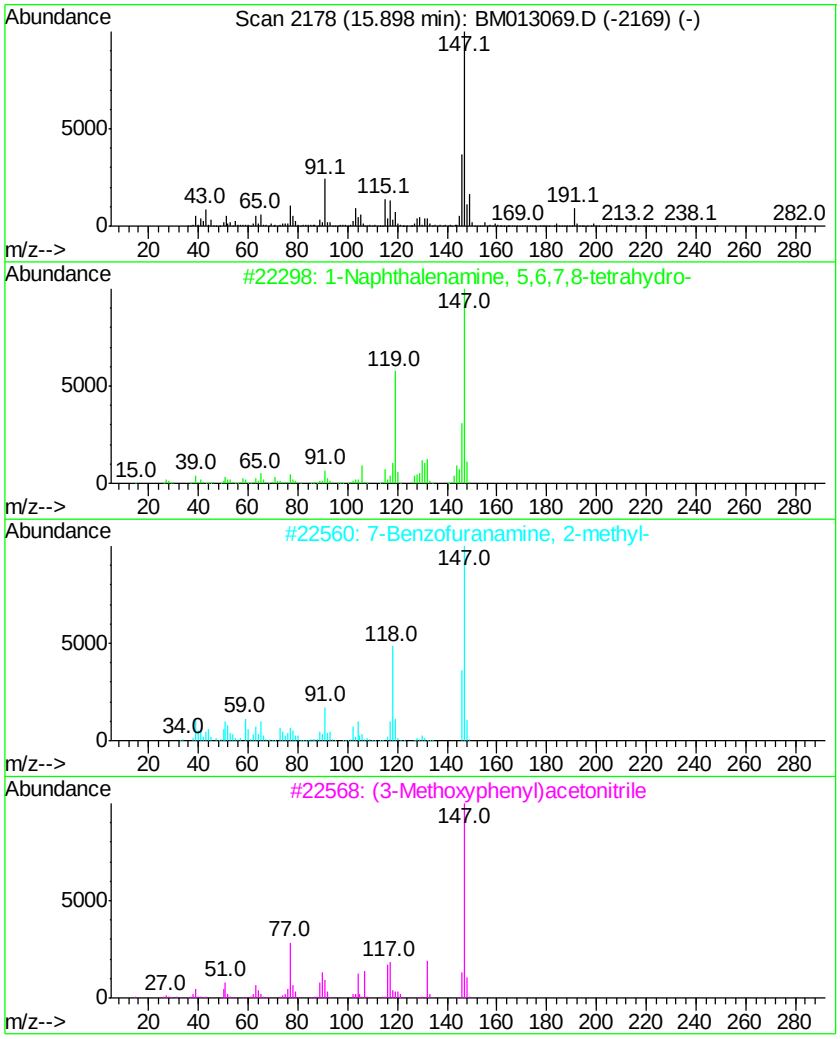
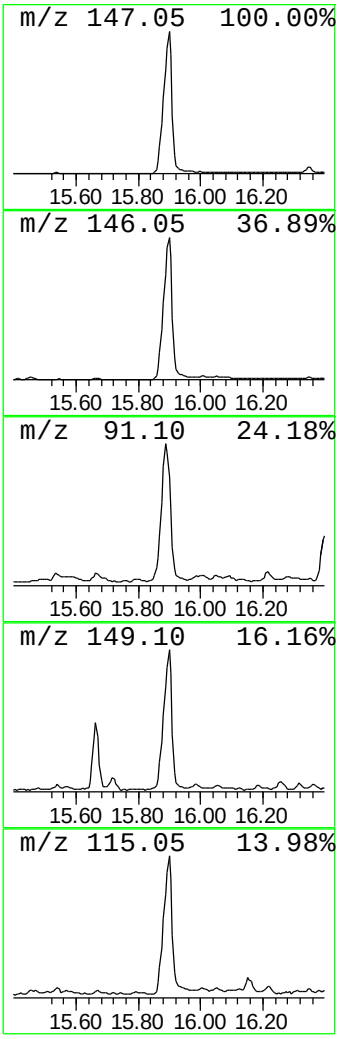
Peak Number 25 1-Naphthalenamine, 5,6,7,8-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	62.74 ng/ul	14854000	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenamine, 5,6,7,8-tetra...	147	C10H13N	002217-41-6	58
2	7-Benzofuranamine, 2-methyl-	147	C9H9NO	1000327-46-4	53
3	(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	50
4	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	50
5	2,4,6-Trimethylbenzoyl chloride	182	C10H11ClO	000938-18-1	50





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Sample : I6405-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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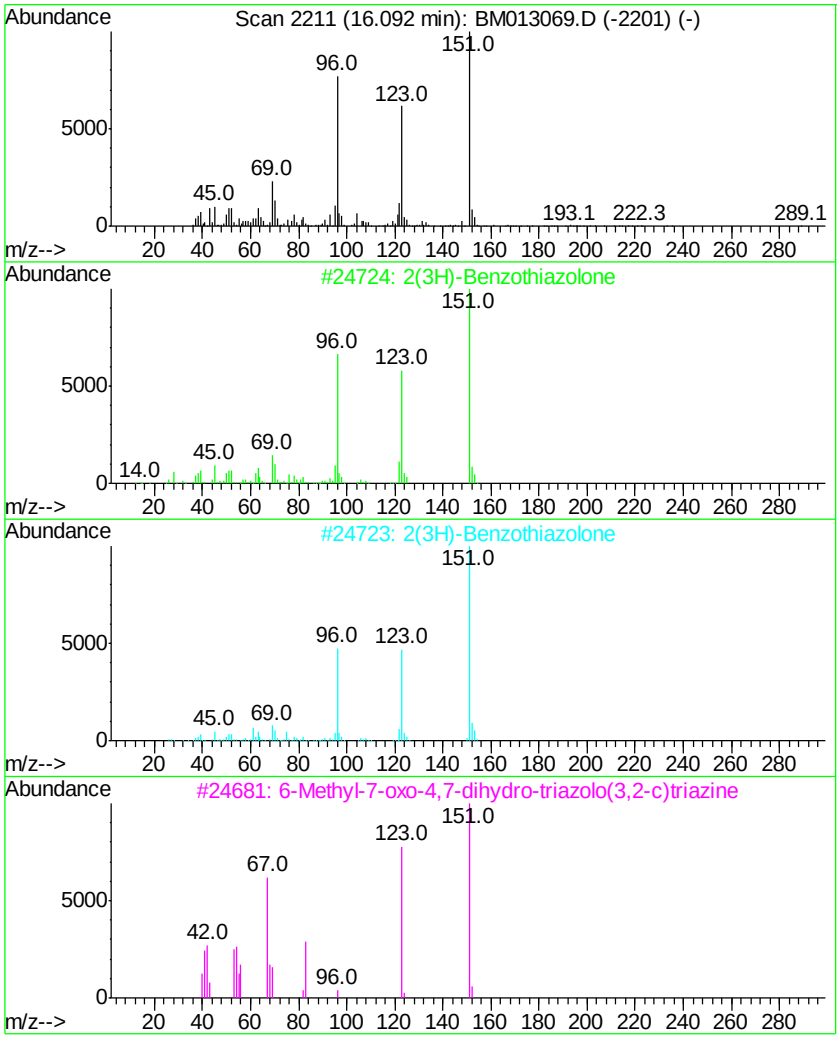
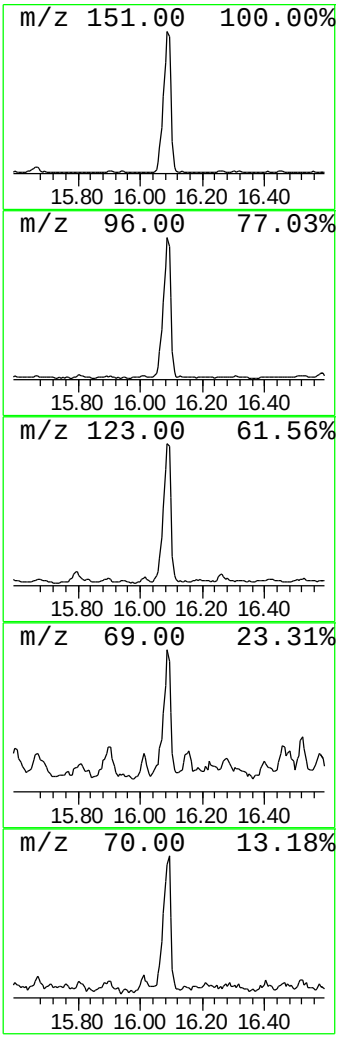
Peak Number 26 2(3H)-Benzothiazolone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	15.30 ng/ul	3621350	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	94
2	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	91
3	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	43
4	Benzooxazole-2-thiol	151	C7H5NOS	1000318-31-6	35
5	1H-Imidazo[4,5-b]pyridine-2-thiol	151	C6H5N3S	029448-81-5	27





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Sample : I6405-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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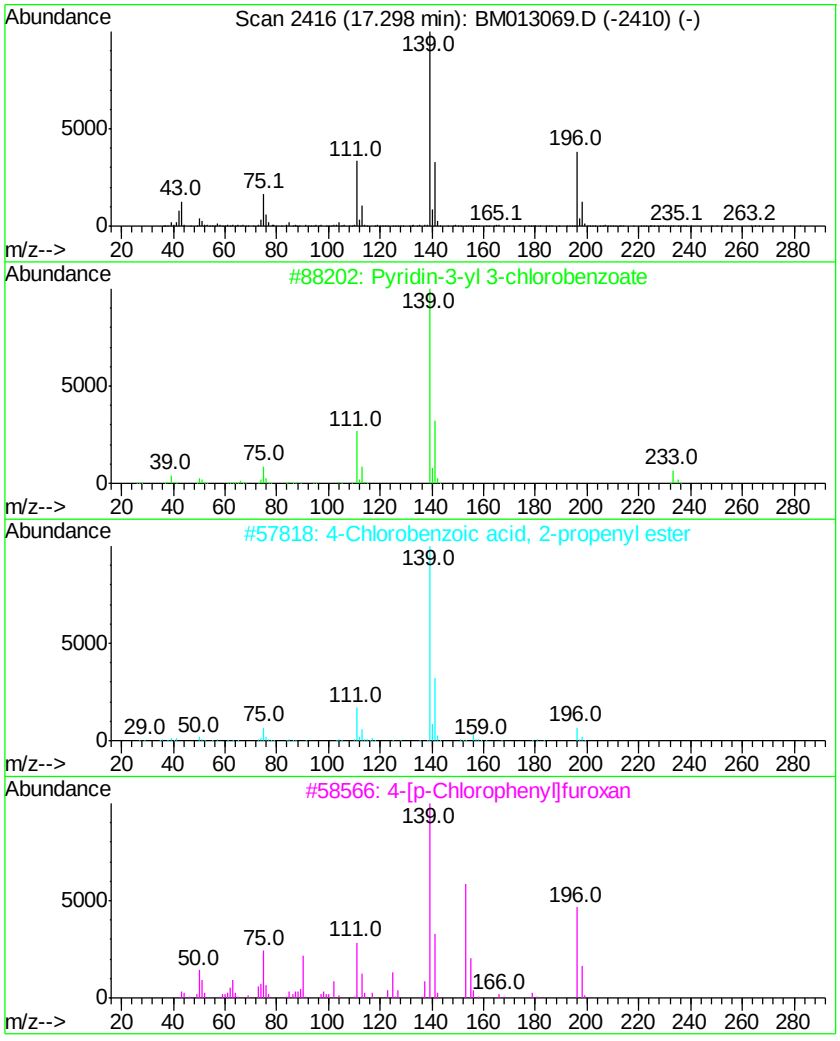
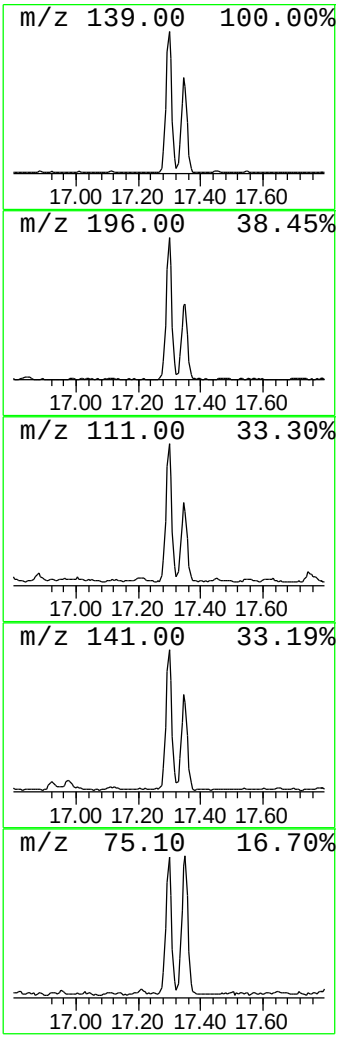
Peak Number 27 Pyridin-3-yl 3-chlorobenzoate Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	16.89 ng/ul	3999990	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridin-3-yl 3-chlorobenzoate	233	C12H8ClNO2	1000373-68-5	92
2	4-Chlorobenzoic acid, 2-propenyl...	196	C10H9ClO2	015784-28-8	90
3	4-[p-Chlorophenyl]furoxan	196	C8H5ClN2O2	086329-43-3	86
4	3-Chlorobenzoyl isothiocyanate	197	C8H4ClNOS	066090-36-6	76
5	1,2-Benzenediol, o-(2-chlorobenz...	248	C13H9ClO3	1000325-98-2	70





Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013069.D
Acq On : 21 Nov 2017 06:30
Operator : SJ/JU
Sample : I6405-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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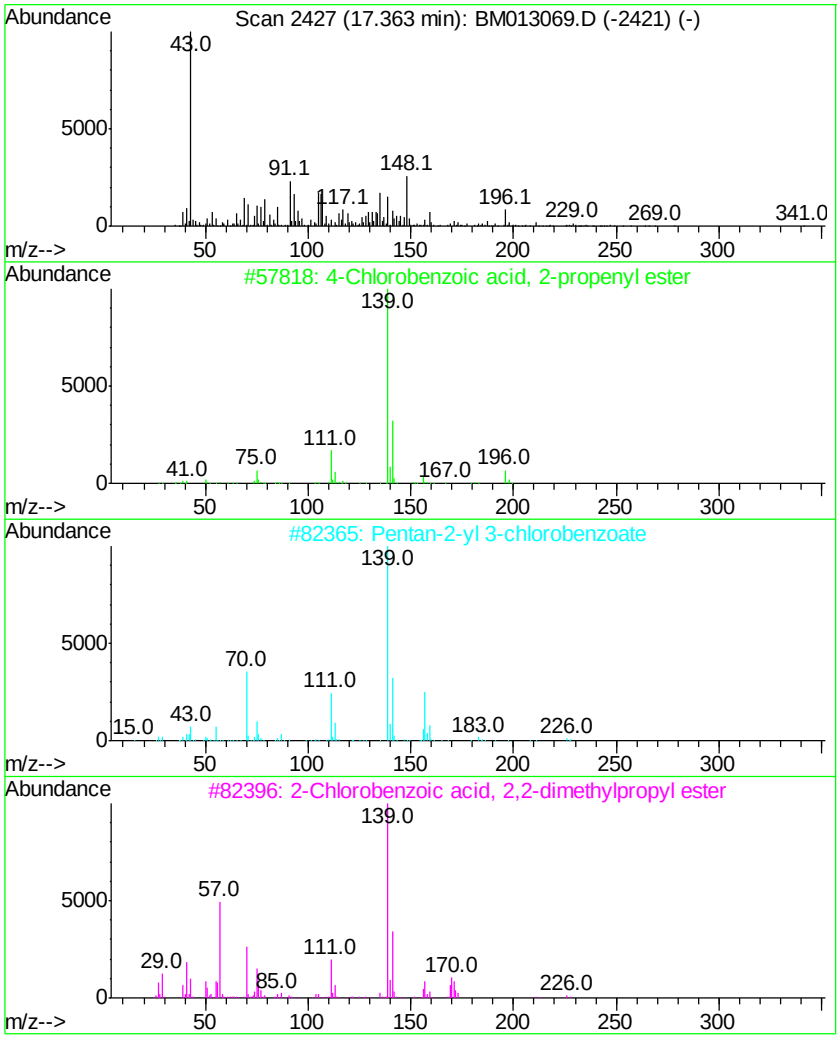
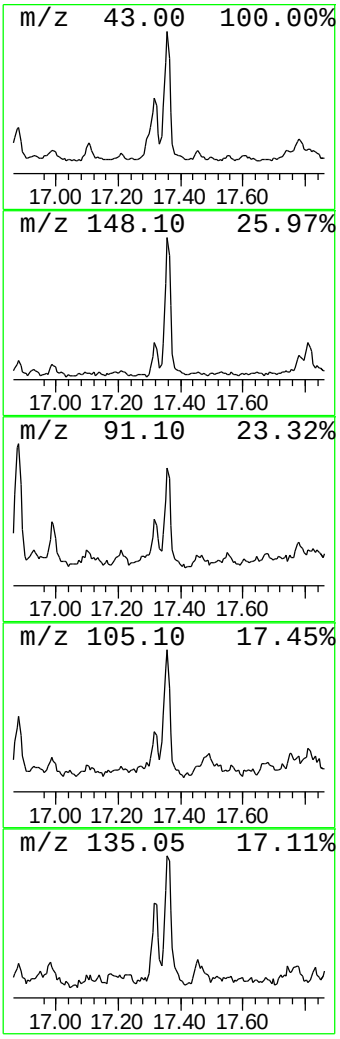
Peak Number 28 unknown-04 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	21.30 ng/ul	5041970	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chlorobenzoic acid, 2-propenyl...	196	C10H9ClO2	015784-28-8	49
2	Pentan-2-yl 3-chlorobenzoate	226	C12H15ClO2	097989-35-0	38
3	2-Chlorobenzoic acid, 2,2-dimeth...	226	C12H15ClO2	1000293-50-5	30
4	1-Propanone, 1-(4-chlorophenyl)-	168	C9H9ClO	006285-05-8	27
5	Ethane-1,2-diyl bis(3-chlorobenz...	338	C16H12Cl2O4	1000367-00-5	27





Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013069.D
Acq On : 21 Nov 2017 06:30
Operator : SJ/JU
Sample : I6405-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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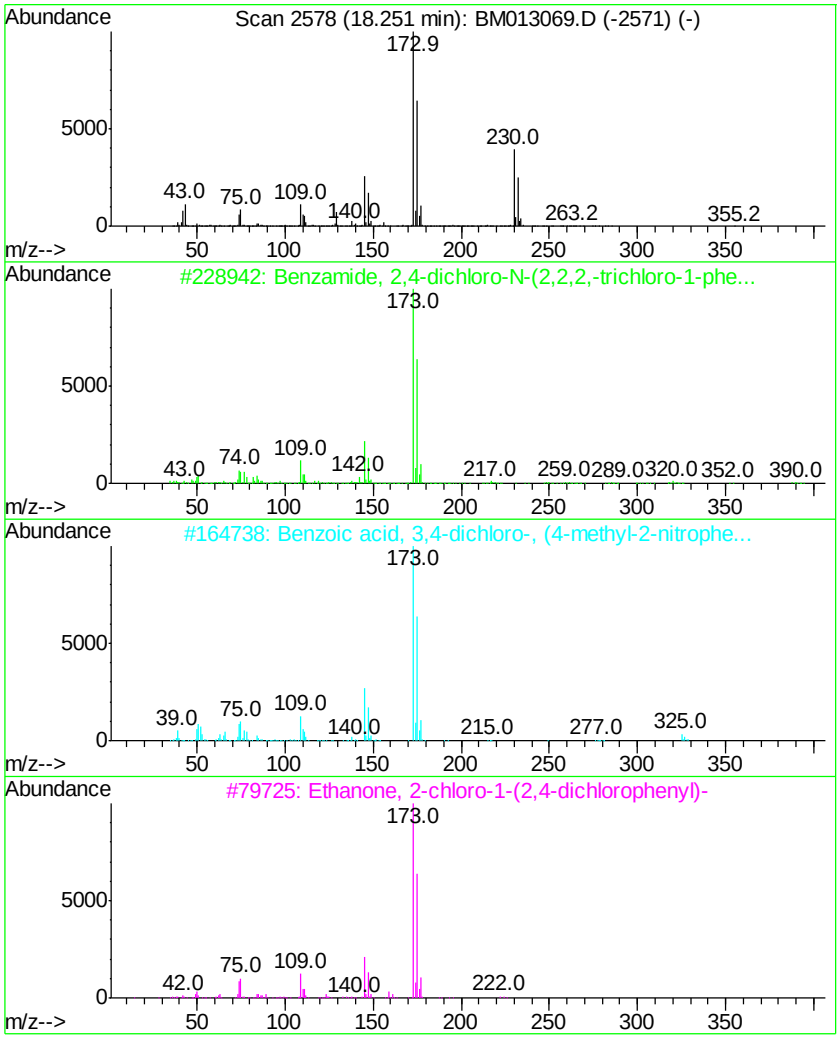
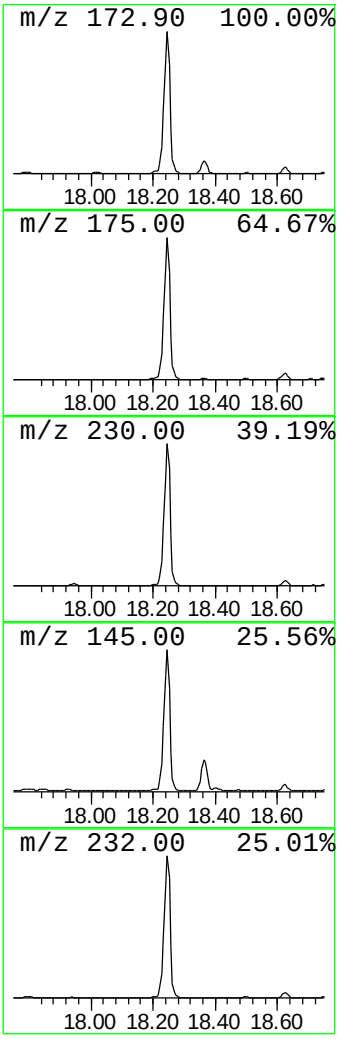
Peak Number 29 Benzamide, 2,4-dichloro-N-(... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	50.98 ng/ul	12070500	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 2,4-dichloro-N-(2,2,2...	459	C15H10Cl5NO3S	301158-88-3	68
2	Benzoic acid, 3,4-dichloro-, (4-...	325	C14H9Cl2NO4	284668-37-7	68
3	Ethanone, 2-chloro-1-(2,4-dichlo...	222	C8H5Cl3O	004252-78-2	64
4	Benzoic acid, 2,5-dichloro-, met...	204	C8H6Cl2O2	002905-69-3	64
5	Benzoyl chloride, 2,4-dichloro-	208	C7H3Cl3O	000089-75-8	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112017\
Data File : BM013069.D
Acq On : 21 Nov 2017 06:30
Operator : SJ/JU
Sample : I6405-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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

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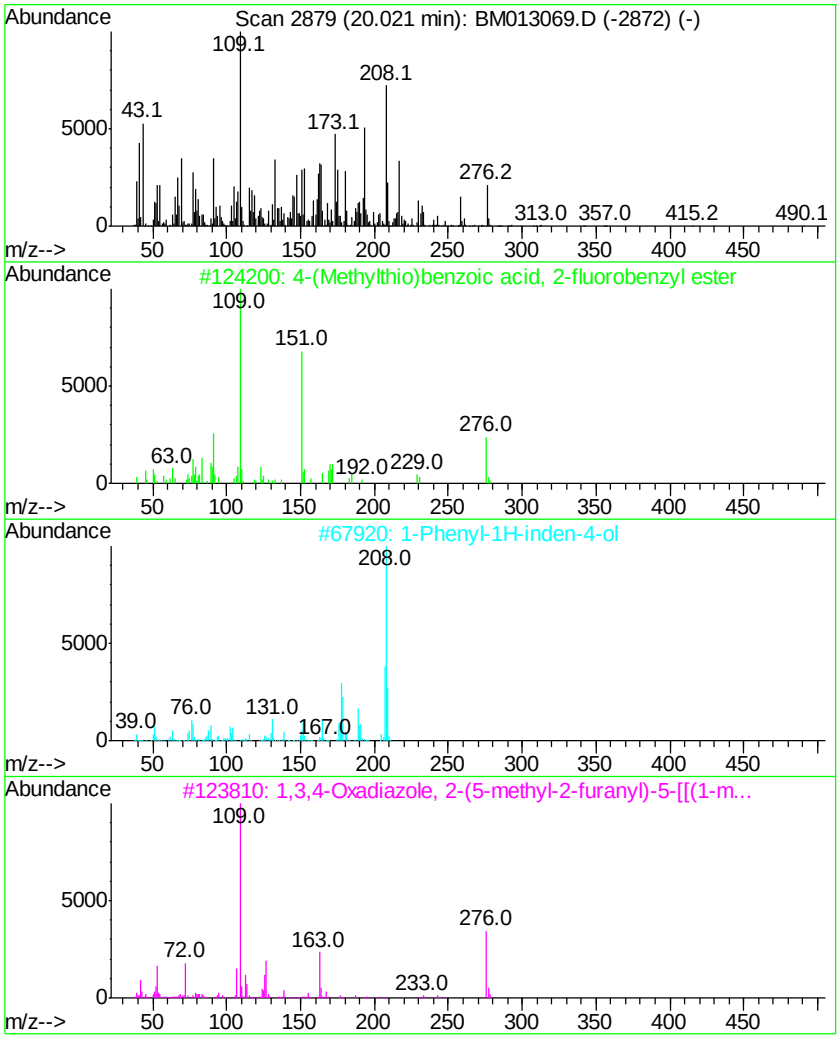
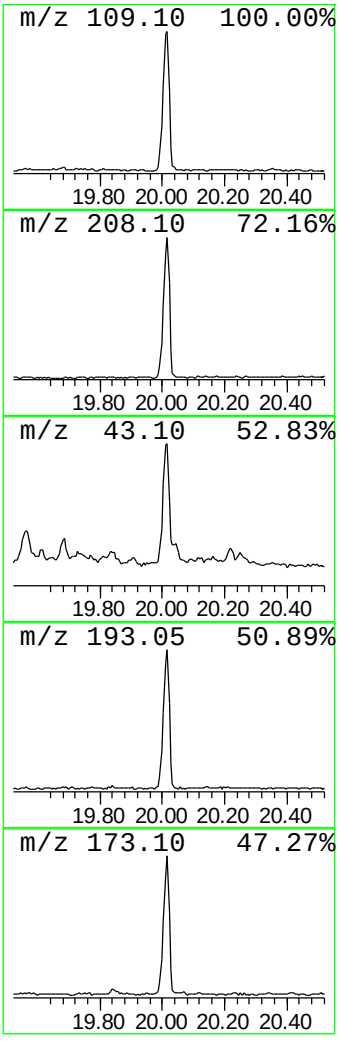
Peak Number 30 unknown-05 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	20.00 ng/ul	7044750	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(Methylthio)benzoic acid, 2-fl...	276	C15H13FO2S	1000375-06-4	25
2	1-Phenyl-1H-inden-4-ol	208	C15H12O	1000326-45-2	25
3	1,3,4-Oxadiazole, 2-(5-methyl-2-...	276	C12H12N4O2S	1000337-64-4	25
4	Isoelemicin	208	C12H16O3	000487-12-7	20
5	3-Hydroxy-7,8-dihydro-.beta.-ionol	208	C13H20O2	172705-13-4	20





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112017\
Data File : BM013069.D
Acq On : 21 Nov 2017 06:30
Operator : SJ/JU
Sample : I6405-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2S5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA 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
Propane, 2-ethoxy...	5.21	11.0	ng/ul	3905220	1	7.72	7111740	20.0
2-Pentanol, 3-eth...	6.02	12.3	ng/ul	4356930	1	7.72	7111740	20.0
3-Hexanol, 2,3-di...	6.20	13.9	ng/ul	4953870	1	7.72	7111740	20.0
Benzene, 1-ethyl-...	6.82	28.3	ng/ul	10056900	1	7.72	7111740	20.0
Benzene, 1,2,3-tr...	7.37	54.1	ng/ul	19254800	1	7.72	7111740	20.0
unknown-01	7.92	17.3	ng/ul	6159000	1	7.72	7111740	20.0
Cyclohexanone, 3,...	8.19	346.3	ng/ul	123124000	1	7.72	7111740	20.0
Cyclohexanol, 3,3...	8.38	212.7	ng/ul	75644800	1	7.72	7111740	20.0
unknown-02	8.58	10.9	ng/ul	3869010	1	7.72	7111740	20.0
3-Nonanol, 3-methyl-	9.05	45.7	ng/ul	16244300	1	7.72	7111740	20.0
Phenol, 2-ethyl-	9.50	11.9	ng/ul	4730850	2	10.50	7954380	20.0
(+)-2-Bornanone	9.94	115.0	ng/ul	45719100	2	10.50	7954380	20.0
3-Octyne, 2-methyl-	10.92	20.0	ng/ul	7954380	2	10.50	7954380	20.0
Phenol, 2,4,6-tri...	11.59	15.2	ng/ul	6051970	2	10.50	7954380	20.0
Phenol, p-tert-bu...	11.86	17.1	ng/ul	6795980	2	10.50	7954380	20.0
Benzoic acid, p-t...	14.26	20.7	ng/ul	3596550	3	14.36	3480700	20.0
unknown-03	15.27	19.7	ng/ul	3426170	3	14.36	3480700	20.0
1-Naphthalenamine...	15.90	62.7	ng/ul	14854000	4	17.10	4735260	20.0
2(3H)-Benzothiazo...	16.09	15.3	ng/ul	3621350	4	17.10	4735260	20.0
Pyridin-3-yl 3-ch...	17.30	16.9	ng/ul	3999990	4	17.10	4735260	20.0
unknown-04	17.36	21.3	ng/ul	5041970	4	17.10	4735260	20.0
Benzamide, 2,4-di...	18.25	51.0	ng/ul	12070500	4	17.10	4735260	20.0
unknown-05	20.02	20.0	ng/ul	7044750	5	21.28	7044750	20.0