LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013024.D
Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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	3.587	79	85	97	rVB	2161896	2665351	1.45%	0.560%
2	3.993	139	154	158	rBV3	94831051	183483269	100.00%	38.560%
3	5.069	330	337	348	rVB	5517743	8042634	4.38%	1.690%
4	5.269	363	371	379	rVB	26642853	37946838	20.68%	7.975%
5	5.398	385	393	402	rBV2	32826021	67657047	36.87%	14.218%
6	5.757	446	454	461	rBV	15796071	22315951	12.16%	4.690%
7	6.222	524	533	539	rBV	2364359	3805567	2.07%	0.800%
8	6.710	606	616	628	rBV	1154857	1976230	1.08%	0.415%
9	6.816	628	634	639	rBV	2616262	3875899	2.11%	0.815%
10	6.875	639	644	649	rVV	1897864	3296342	1.80%	0.693%
11	6.951	653	657	661	rVB	1422635	2026614	1.10%	0.426%
12	7.116	680	685	689	rVV	1443276	2250961	1.23%	0.473%
13	7.375	717	729	734	rVB	6258808	10079778	5.49%	2.118%
14	7.833	801	807	816	rVB	1794391	2846858	1.55%	0.598%
15	8.069	841	847	855	rBV2	1000078	2480317	1.35%	0.521%
16	8.151	855	861	867	rBV	6640969	10296995	5.61%	2.164%
17	8.351	887	895	901	rBV	7133255	11497277	6.27%	2.416%
18	8.481	912	917	932	rVB3	1161642	2790660	1.52%	0.586%
19	9.039	1004	1012	1018	rVV	2671912	4173499	2.27%	0.877%
20	9.922	1156	1162	1170	rVV4	1476308	3448095	1.88%	0.725%
21	10.122	1193	1196	1204	rVB2	1380937	2610685	1.42%	0.549%
22	11.522	1423	1434	1439	rBV6	806656	1987011	1.08%	0.418%
23	11.586	1439	1445	1453	rBV	1777109	3226489	1.76%	0.678%
24	11.851	1483	1490	1496	rBV	4387482	6867000	3.74%	1.443%
25	13.274	1725	1732	1740	rBV	3628347	6125060	3.34%	1.287%
26	13.774	1811	1817	1825	rBV2	2461671	4300690	2.34%	0.904%
27	13.863	1825	1832	1836	rVB	1297982	2140889	1.17%	0.450%
28	14.051	1858	1864	1873	rVB	2498900	3854389	2.10%	0.810%
29	14.357	1909	1916	1920	rBV3	2244122	3878954	2.11%	0.815%
30	15.368	2079	2088	2094	rBV2	4931611	10487058	5.72%	2.204%
31	15.804	2153	2162	2169	rVV	3003642	5002119	2.73%	1.051%
32	17.103	2379	2383	2393	rVB	1766181	2947469	1.61%	0.619%
33	17.203	2394	2400	2405	rBV	3849975	5430697	2.96%	1.141%
34	18.150	2554	2561	2567	rVB	2221499	3153455	1.72%	0.663%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013024.D
Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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	18.250	2572	2578	2581	rBV	2248435	3522003	1.92%	0.740%
36	18.303	2585	2587	2594	rVB	2847816	3330525	1.82%	0.700%
37	19.497	2785	2790	2795	rVB	4411267	5780297	3.15%	1.215%
38	21.286	3089	3094	3100	rBV	2468372	3018251	1.64%	0.634%
39	21.415	3112	3116	3123	rBV	1902393	2491518	1.36%	0.524%
40	23.380	3443	3450	3458	rVB2	3238269	5867265	3.20%	1.233%
41	23.521	3467	3474	3483	rBV	1577561	2866372	1.56%	0.602%

Sum of corrected areas: 475844378

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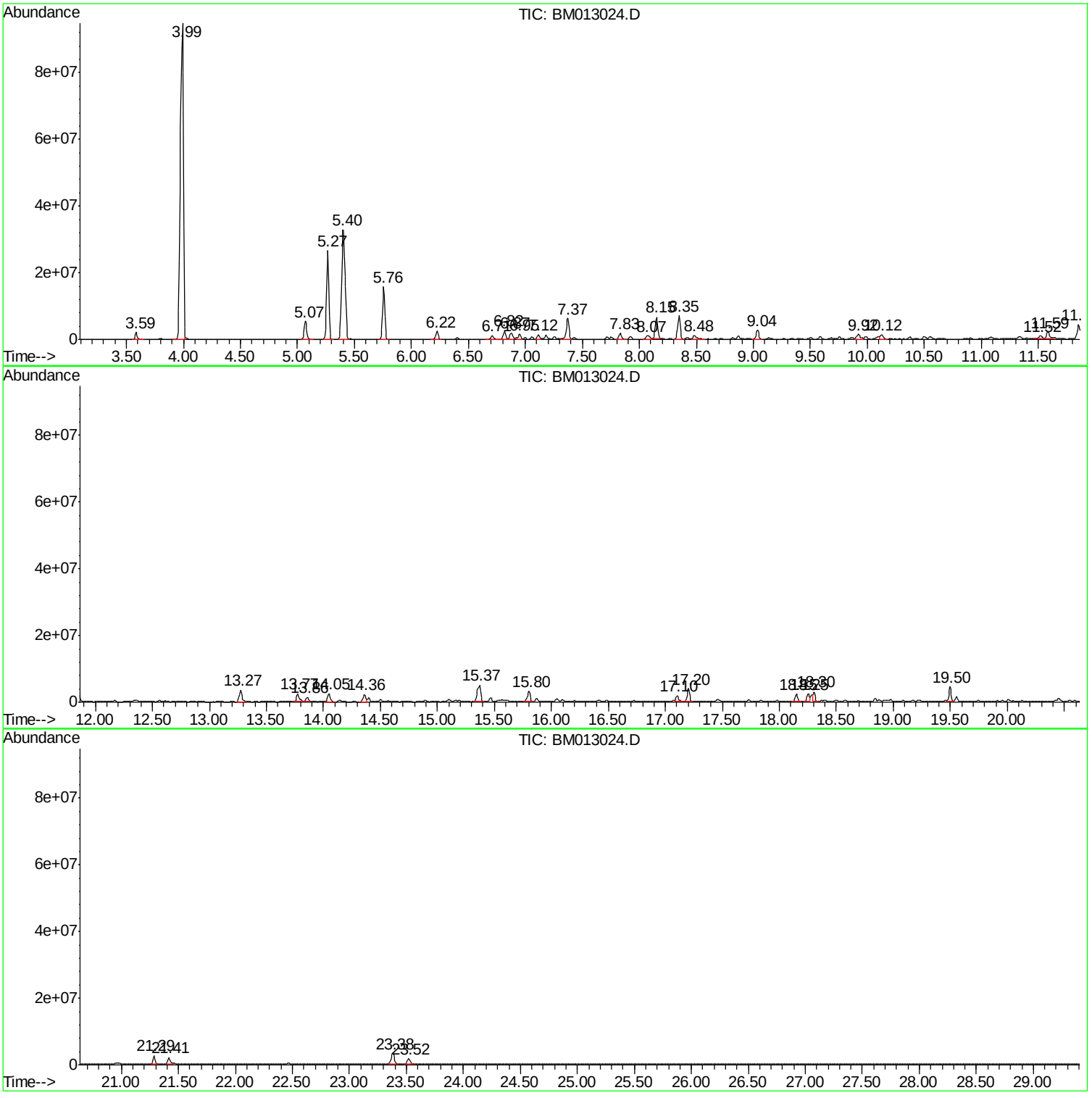
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Data File : BM013024.D
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Operator : SJ/JU
Sample : I6451-01
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

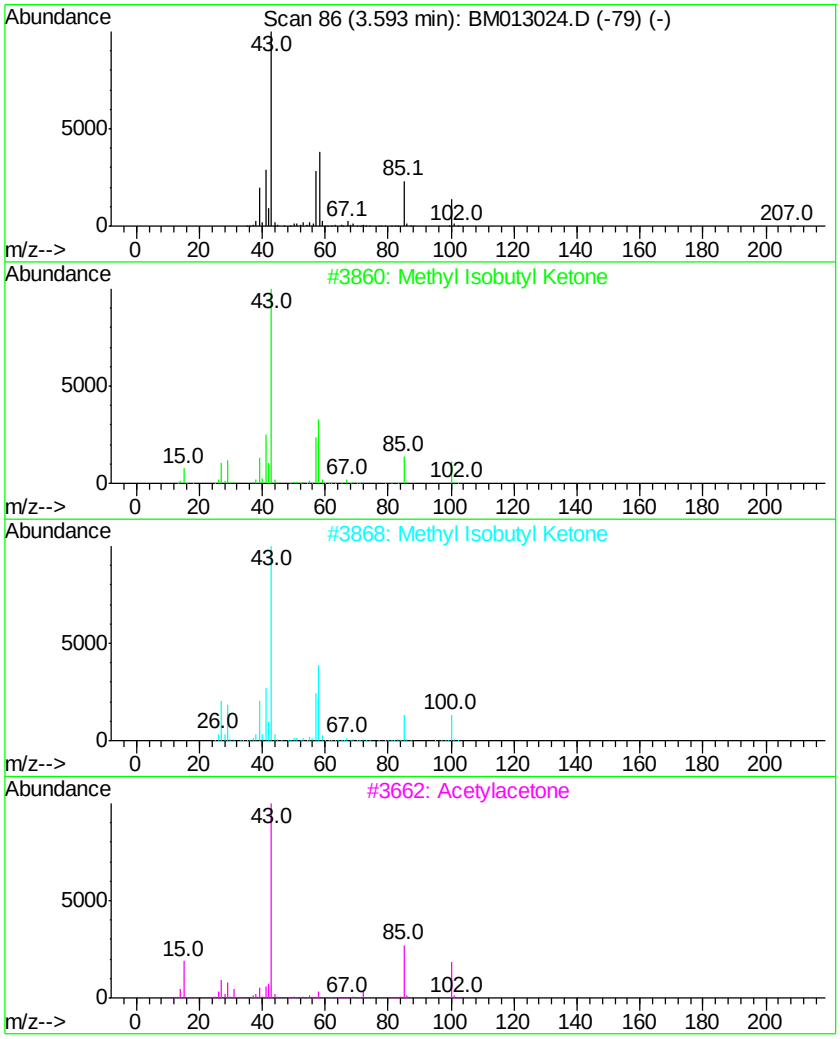
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

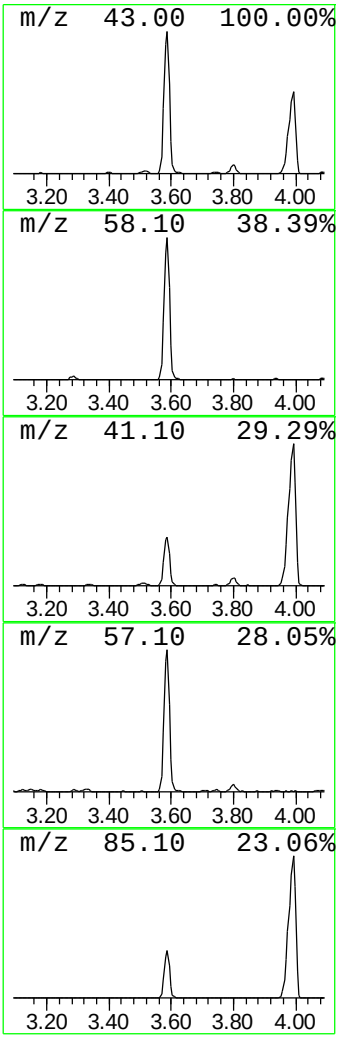
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.59	18.72 ng/ul	2665350	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	87
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	74
3	Acetylacetone	100	C5H8O2	000123-54-6	58
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
5	2-Hexanone	100	C6H12O	000591-78-6	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013024.D
Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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

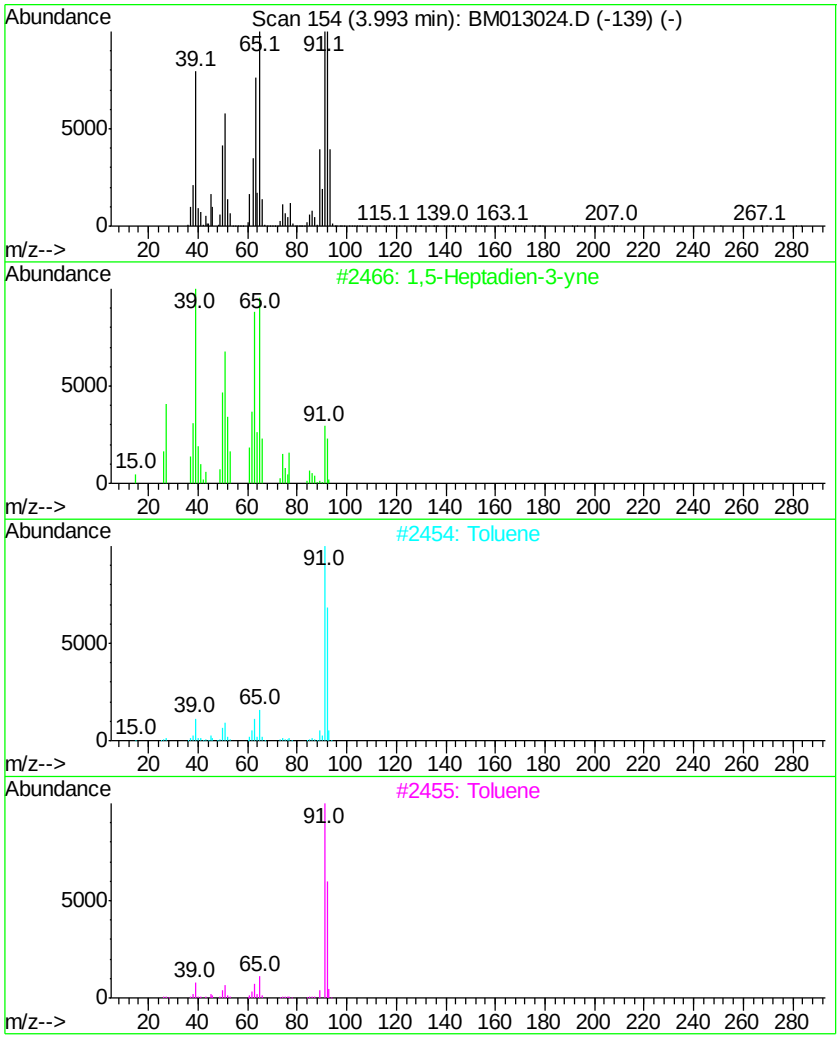
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

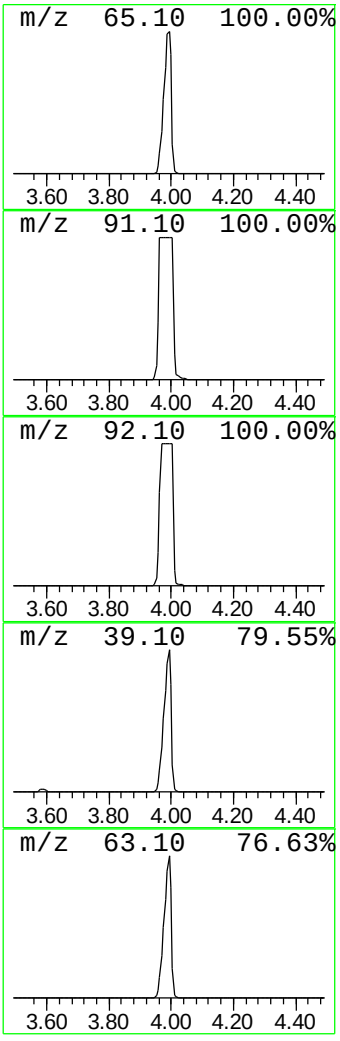
****

Peak Number 2 1,5-Heptadien-3-yne Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	1289.02 ng/ul	183483000	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Heptadien-3-yne	92	C7H8	003511-27-1	50
2	Toluene	92	C7H8	000108-88-3	50
3	Toluene	92	C7H8	000108-88-3	49
4	1,6-Heptadien-3-yne	92	C7H8	005150-80-1	38
5	1,6-Heptadien-3-yne	92	C7H8	005150-80-1	38





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013024.D
Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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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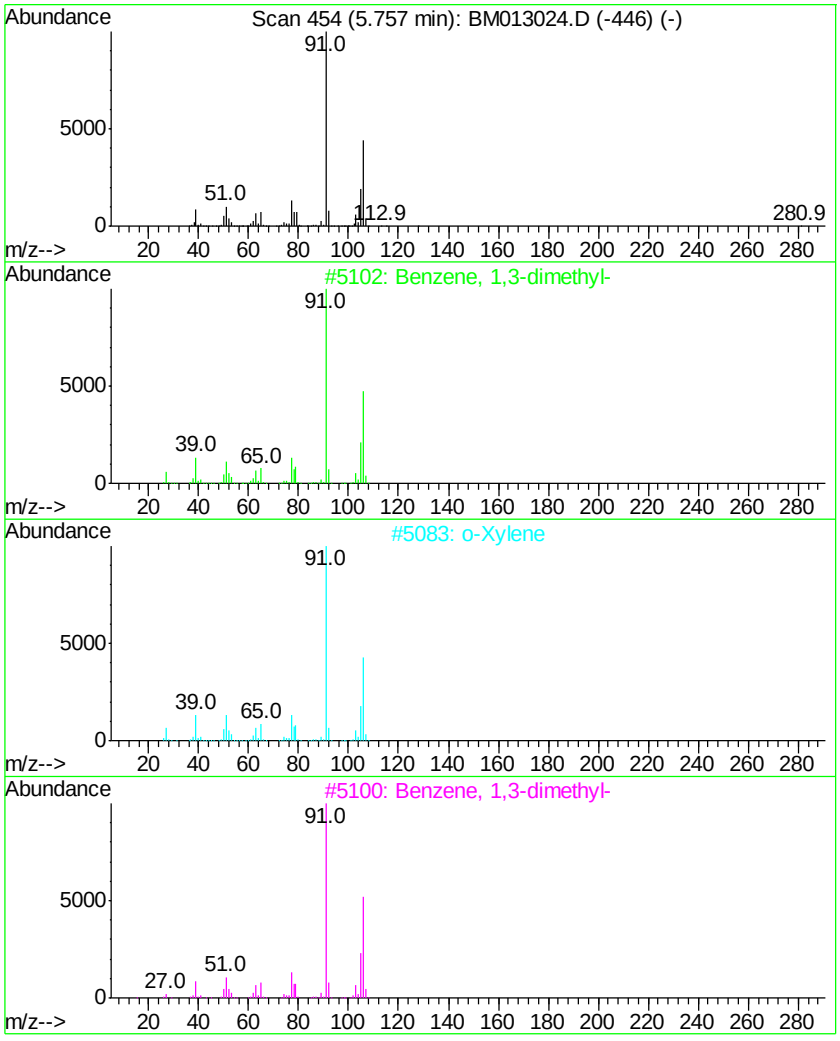
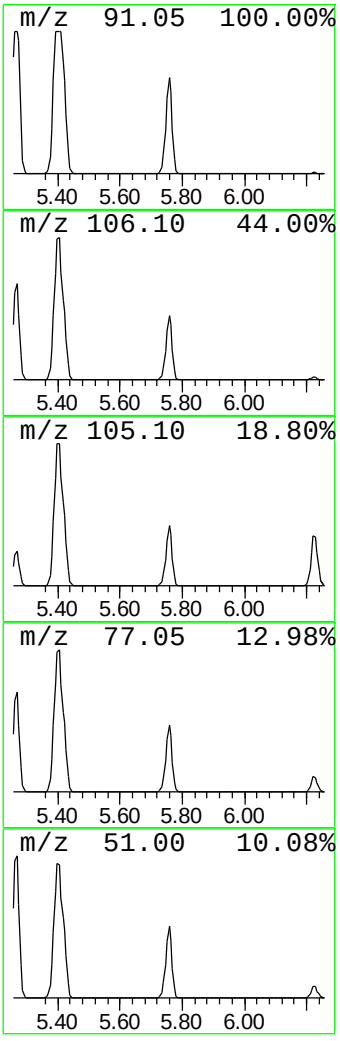
Peak Number 6 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	156.78 ng/ul	22316000	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	o-Xylene	106	C8H10	000095-47-6	97





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013024.D
Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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

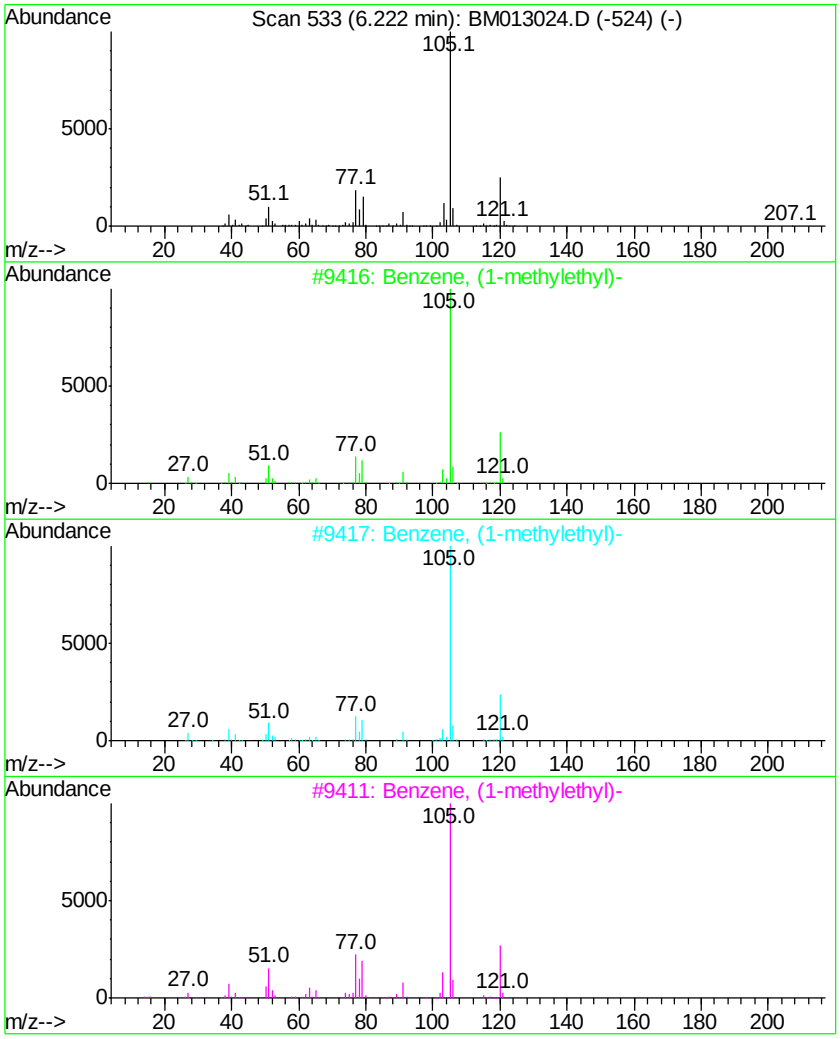
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

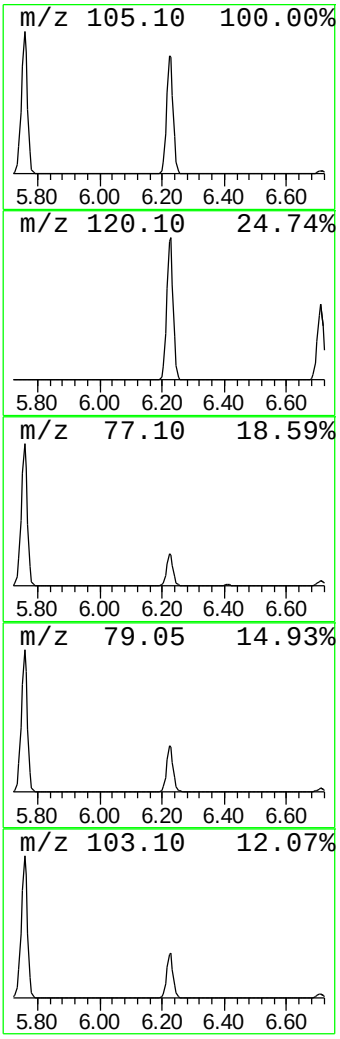
****

Peak Number 7 Benzene, (1-methylethyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.22	26.74 ng/ul	3805570	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013024.D
Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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

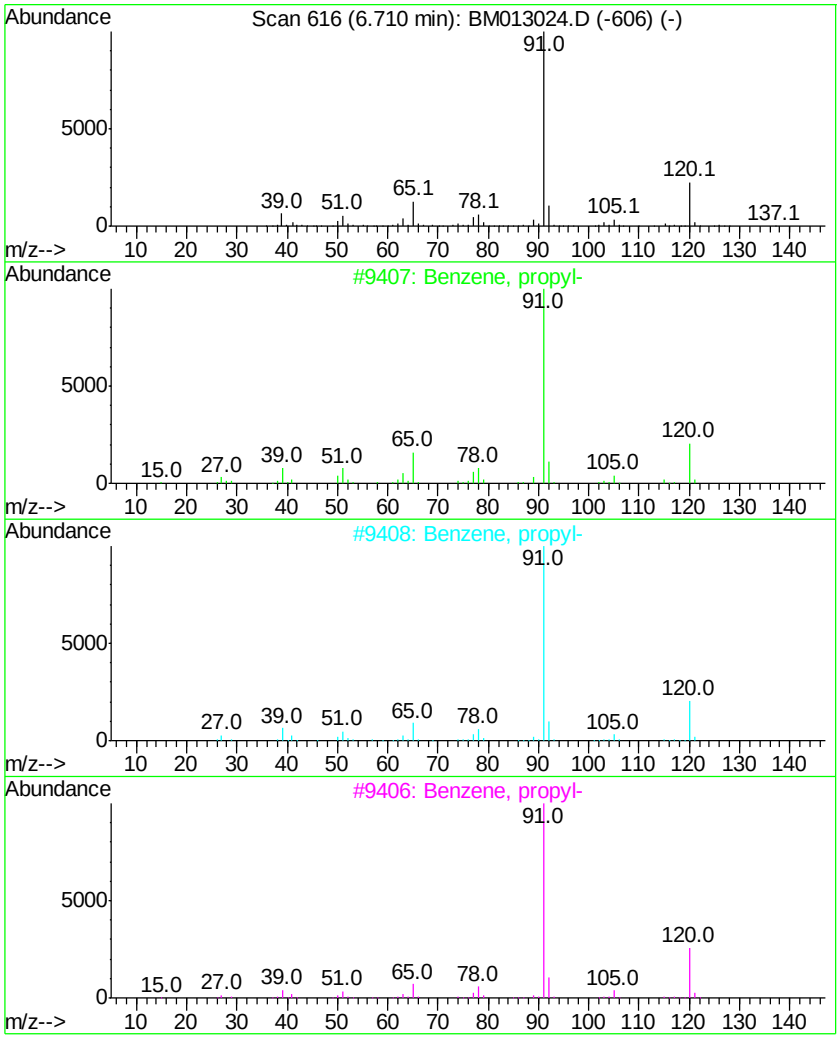
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

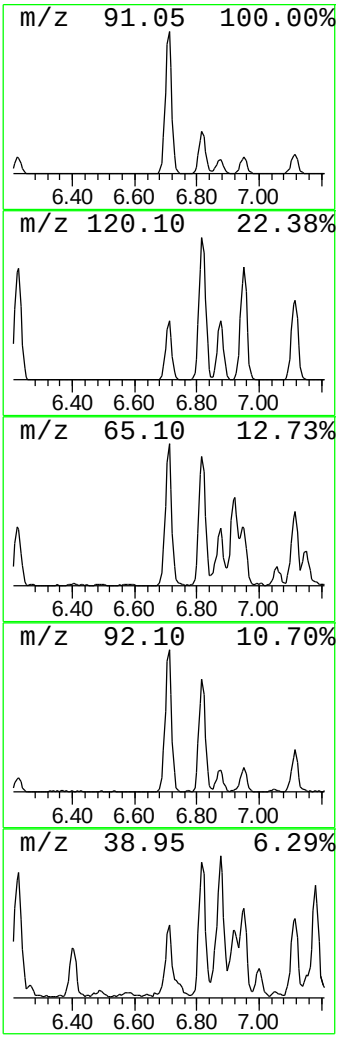
****

Peak Number 8 Benzene, propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	13.88 ng/ul	1976230	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013024.D
Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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

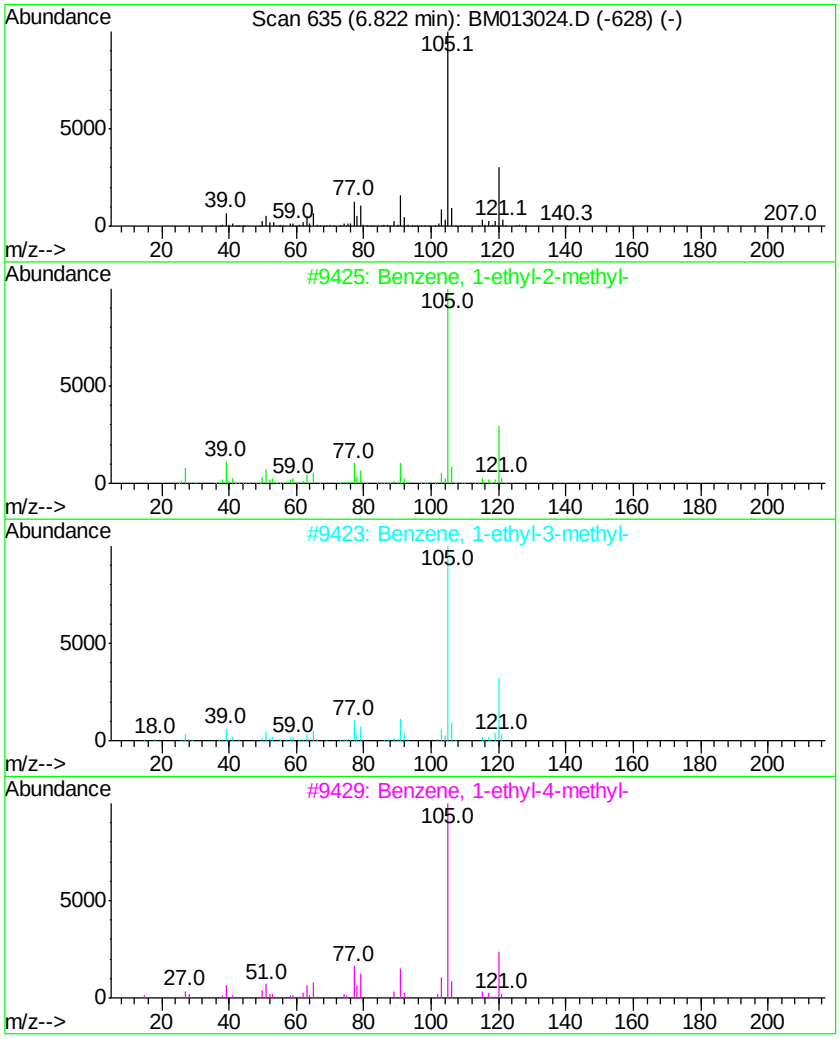
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

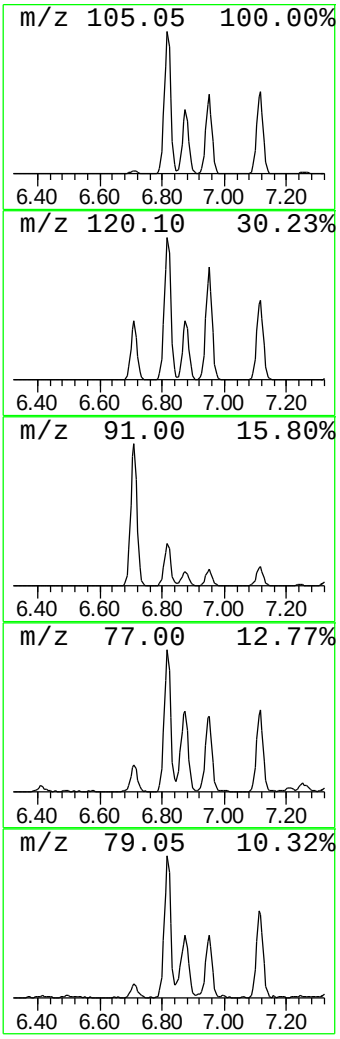
****

Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	27.23 ng/ul	3875900	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	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013024.D
Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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

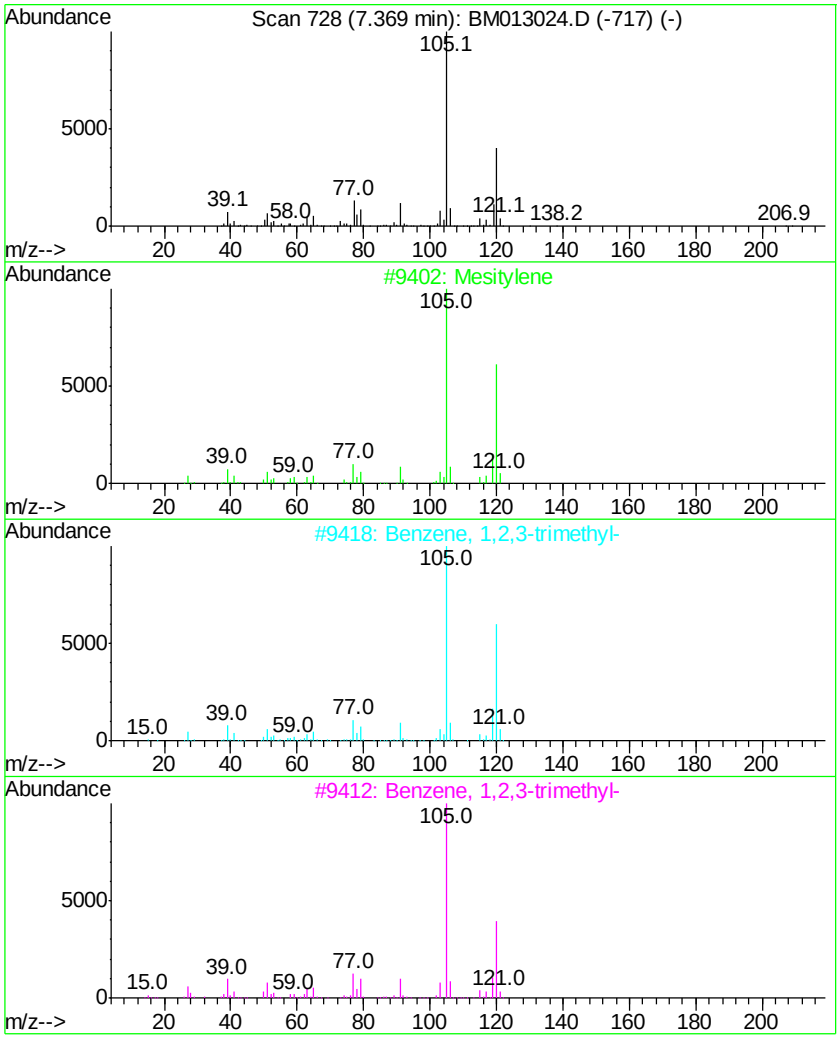
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

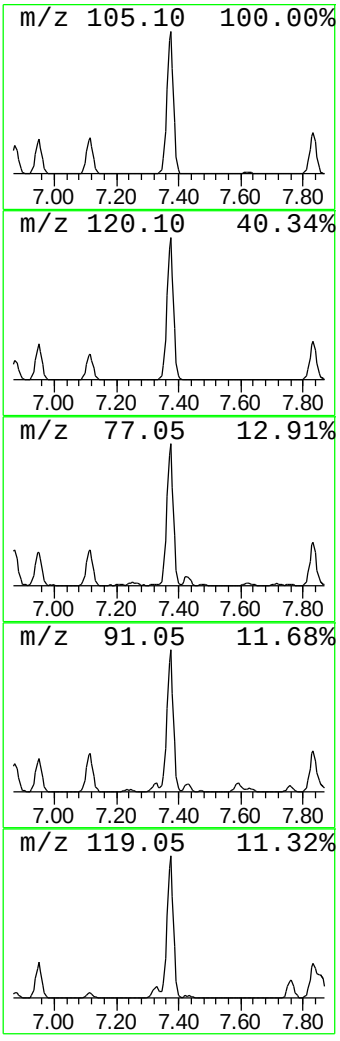
****

Peak Number 10 Mesitylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	70.81 ng/ul	10079800	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Mesitylene	120	C9H12	000108-67-8	91





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Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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

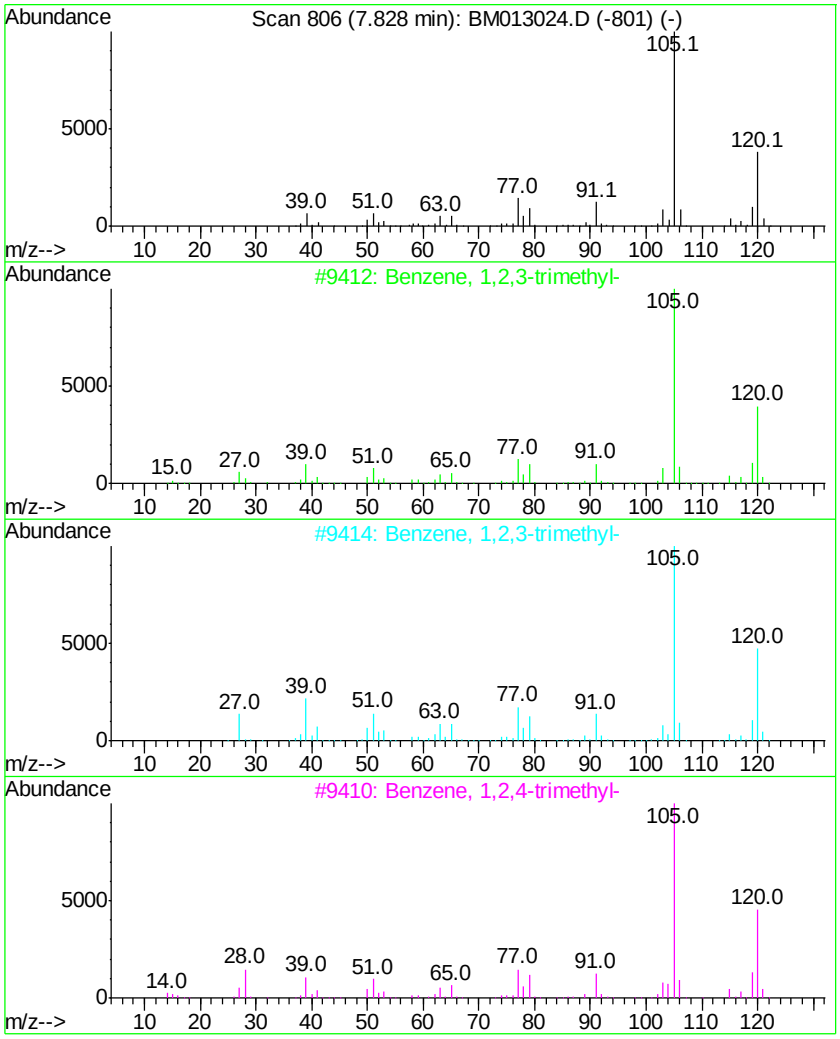
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

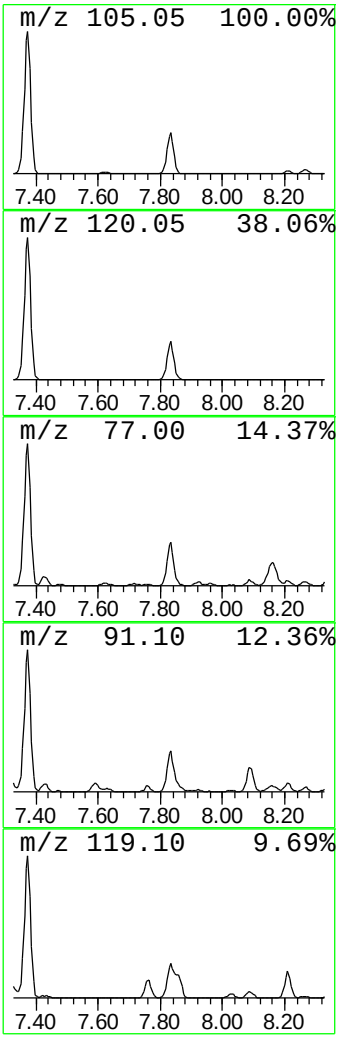
****

Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	20.00 ng/ul	2846860	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	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013024.D
Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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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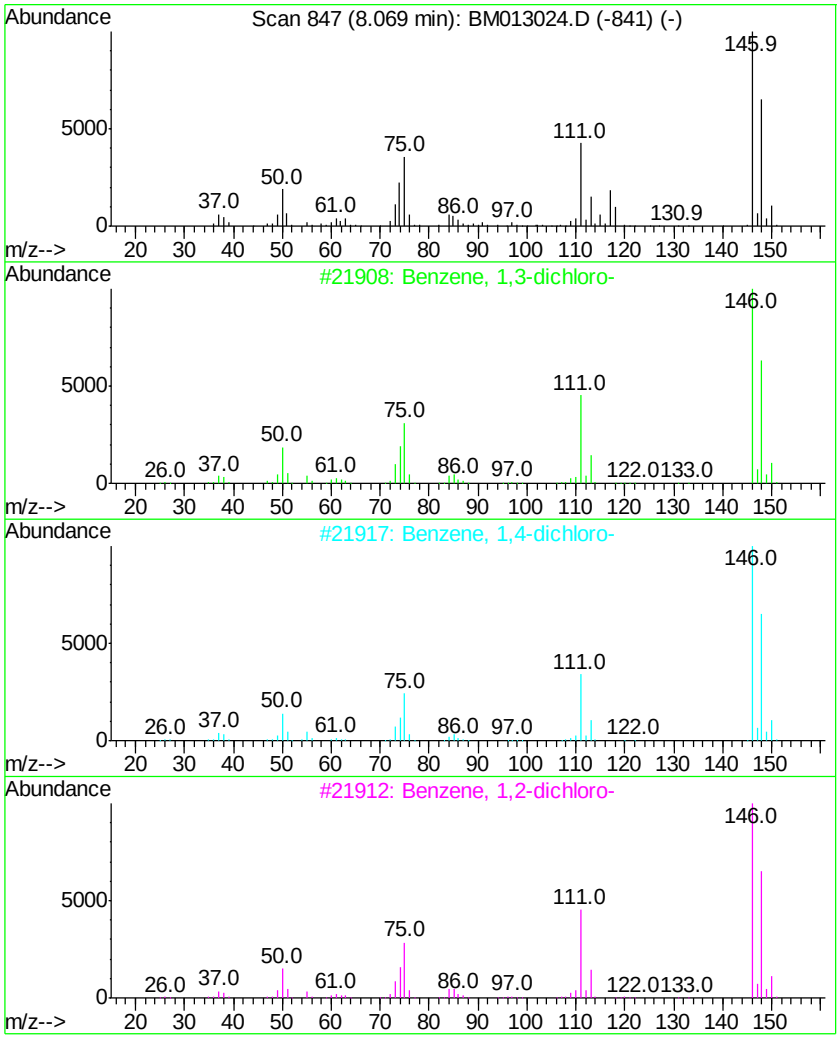
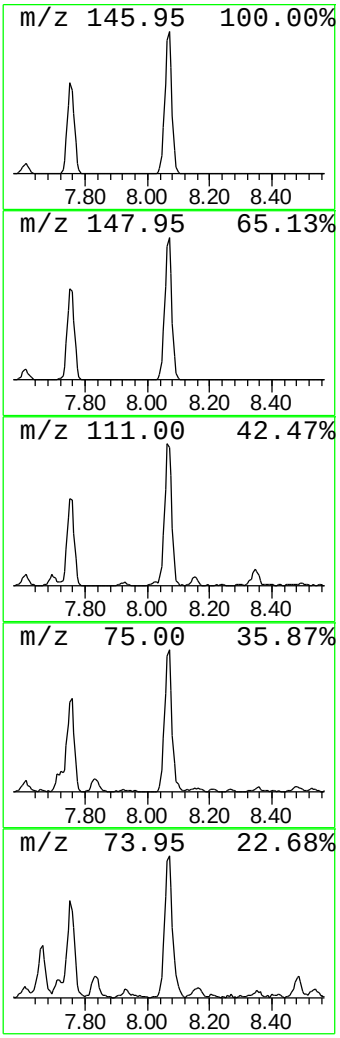
Peak Number 12 Benzene, 1,3-dichloro- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	17.42 ng/ul	2480320	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
2	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
3	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	96
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
5	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013024.D
Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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

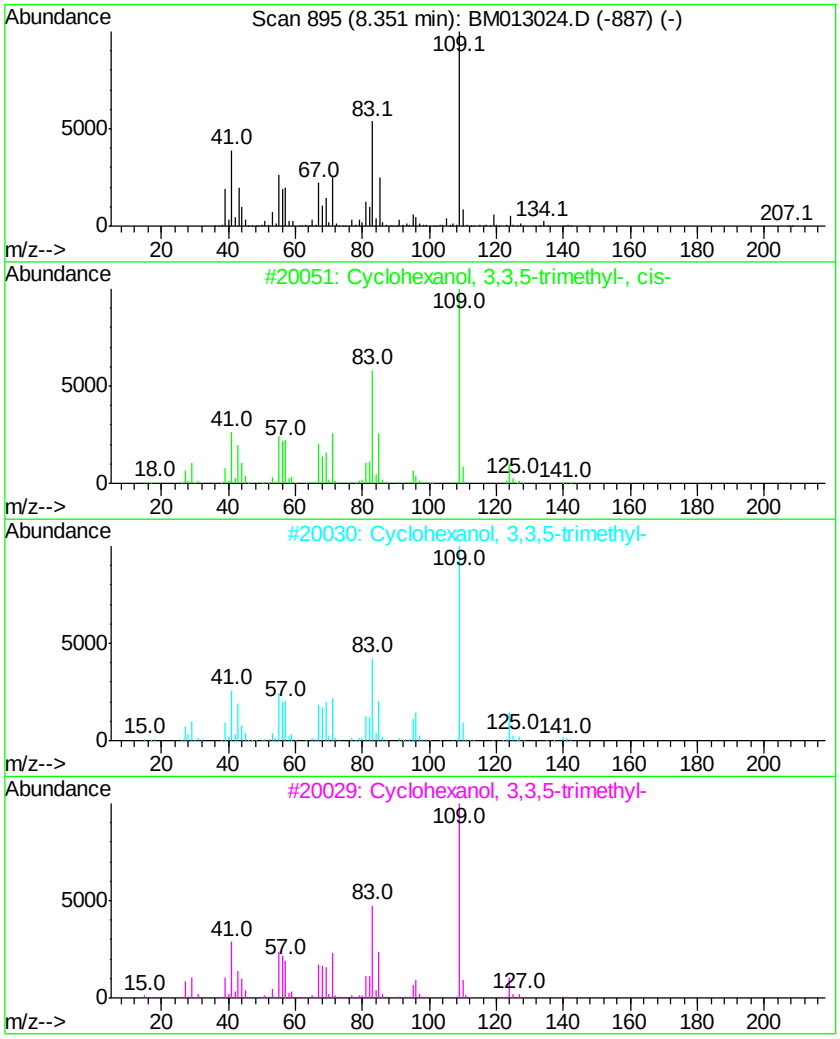
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

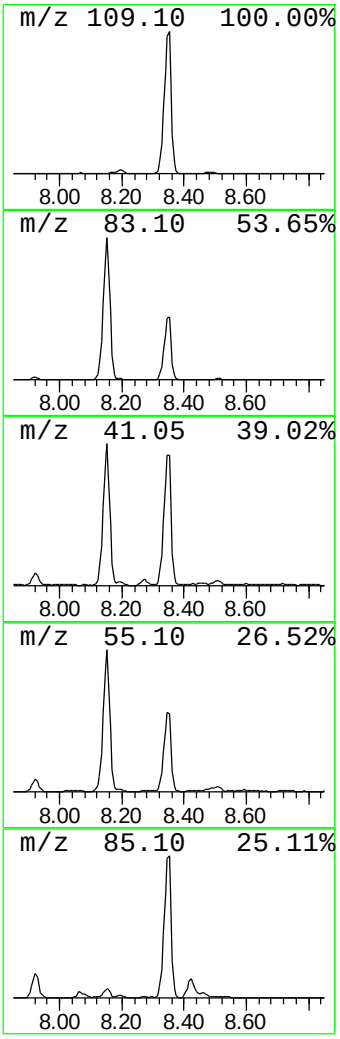
****

Peak Number 13 Cyclohexanol, 3,3,5-trimeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	80.77 ng/ul	11497300	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	90
2	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	78
3	Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	58
4	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000767-54-4	38
5	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	38





Library Search Compound Report

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Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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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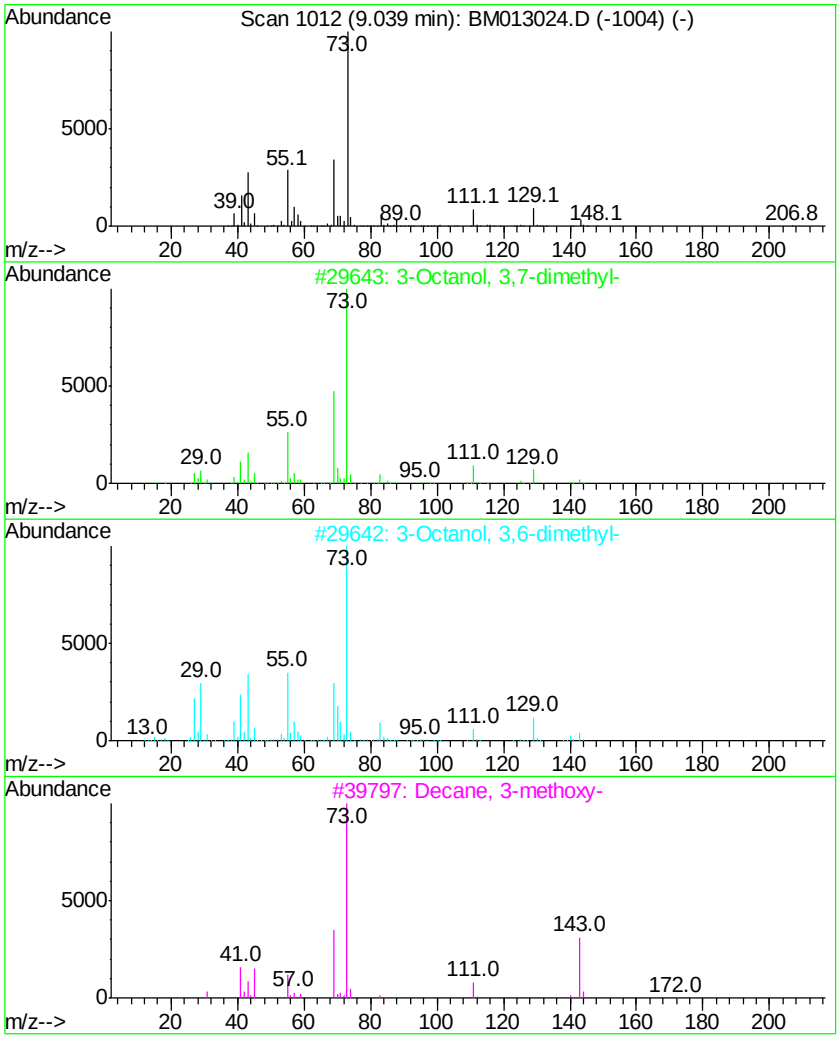
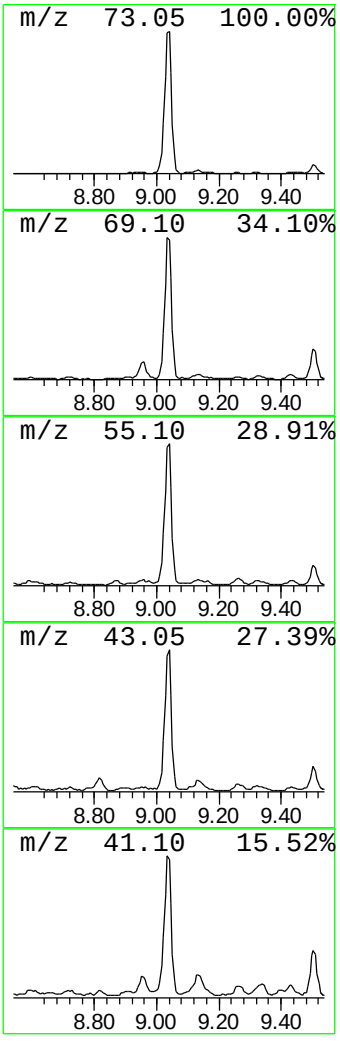
Peak Number 14 3-Octanol, 3,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	29.32 ng/ul	4173500	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	64
2	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	50
3	Decane, 3-methoxy-	172	C11H24O	055955-64-1	47
4	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	47
5	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	38





Library Search Compound Report

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Data File : BM013024.D
Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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

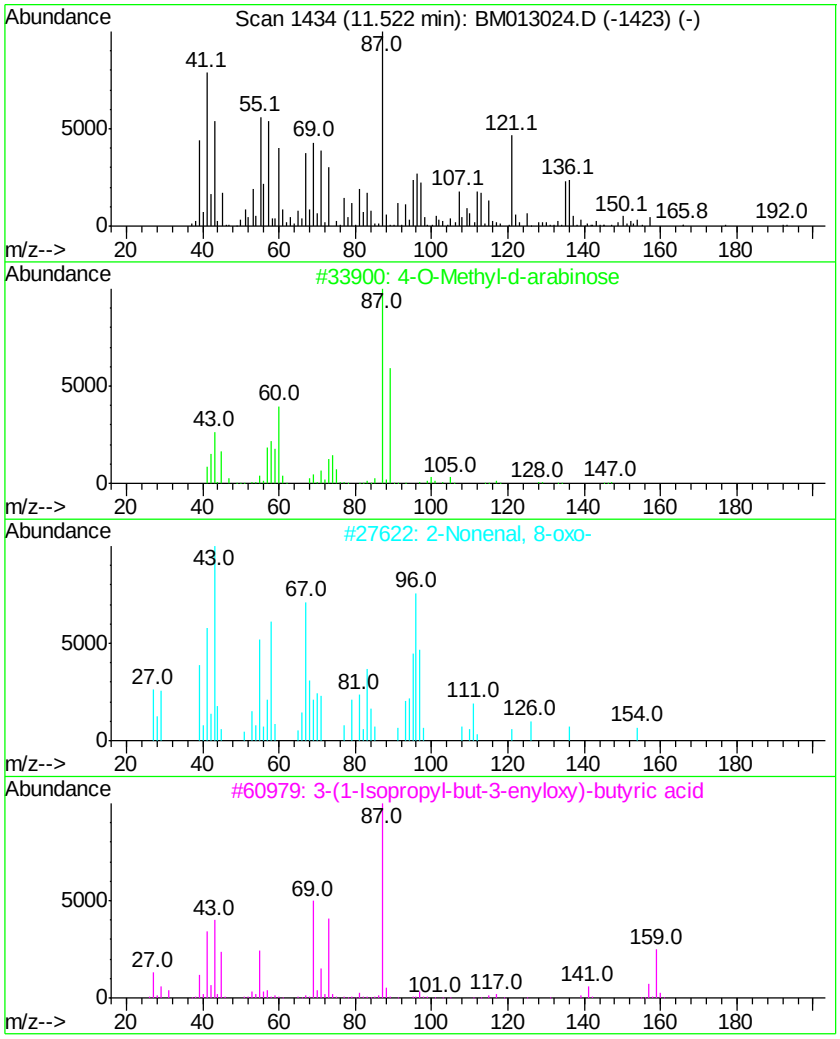
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

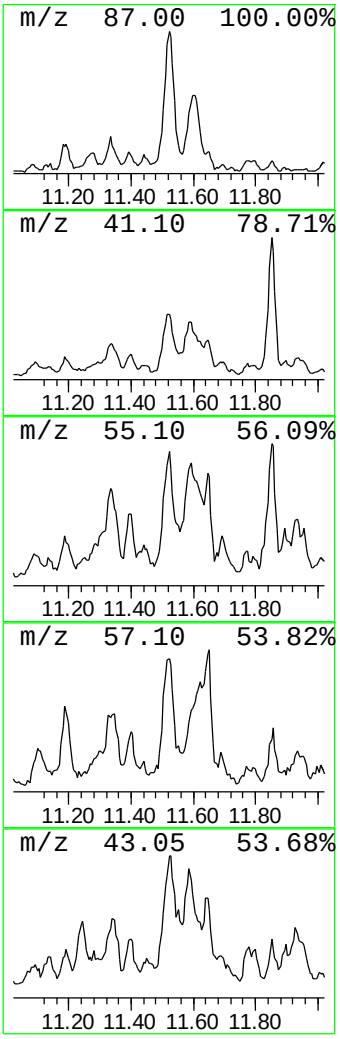
****

Peak Number 15 unknown-01 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	15.22 ng/ul	1987010	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-O-Methyl-d-arabinose	164	C6H12O5	1000129-77-8	25
2	2-Nonenal, 8-oxo-	154	C9H14O2	077611-52-0	25
3	3-(1-Isopropyl-but-3-enyloxy)-bu...	200	C11H20O3	1000192-42-8	22
4	2-[2-[2-[2-[2-[2-(2-Acetyloxyeth...	410	C18H34O10	1000351-90-7	14
5	2-[2-[2-[2-[2-[2-[2-[2-(2-Acetyl...	498	C22H42O12	1000351-90-5	14





Library Search Compound Report

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Data File : BM013024.D
Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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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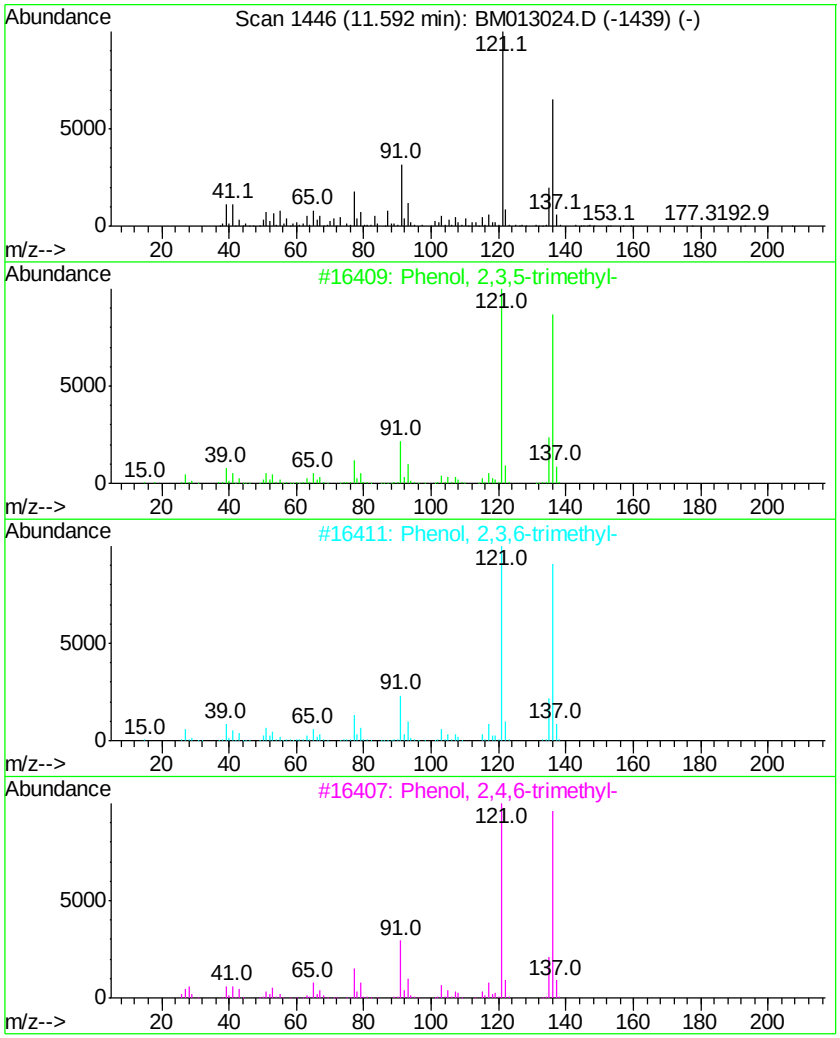
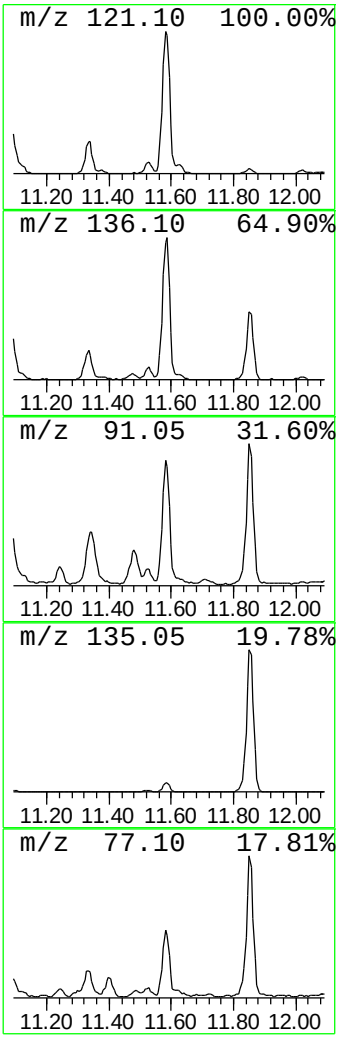
Peak Number 16 Phenol, 2,3,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	24.72 ng/ul	3226490	Naphthalene-d8	10.50

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





Library Search Compound Report

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Data File : BM013024.D
Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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

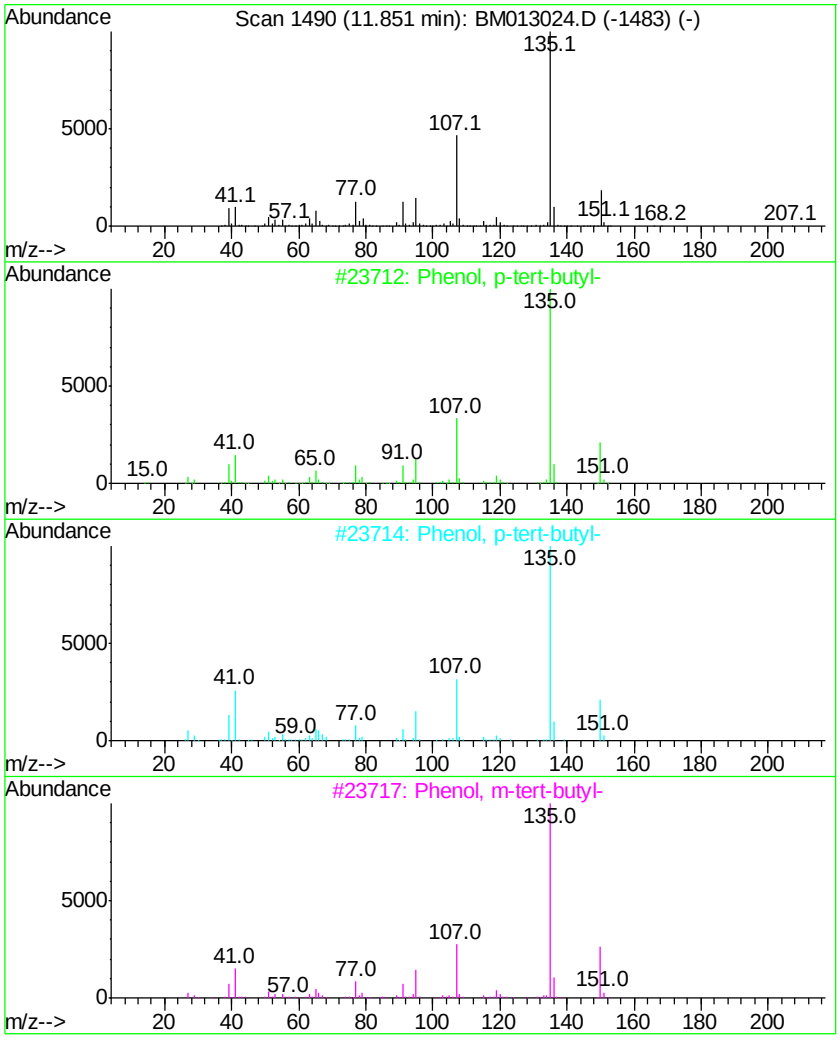
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

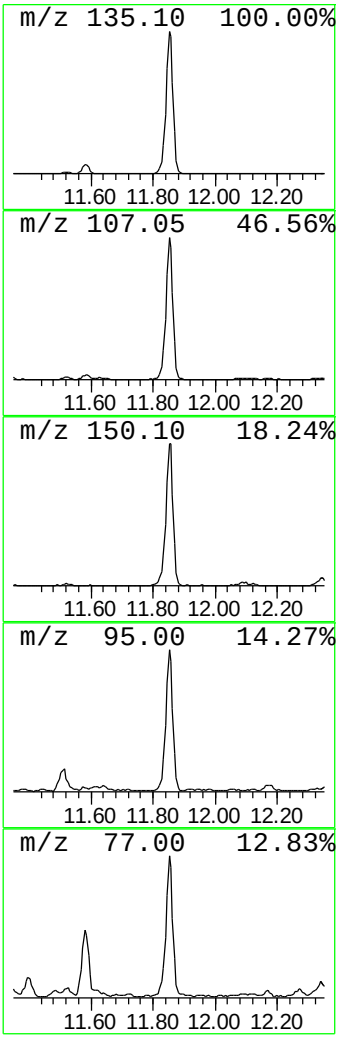
****

Peak Number 17 Phenol, p-tert-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	52.61 ng/ul	6867000	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	87
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	81
4	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	58
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	55





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Data File : BM013024.D
Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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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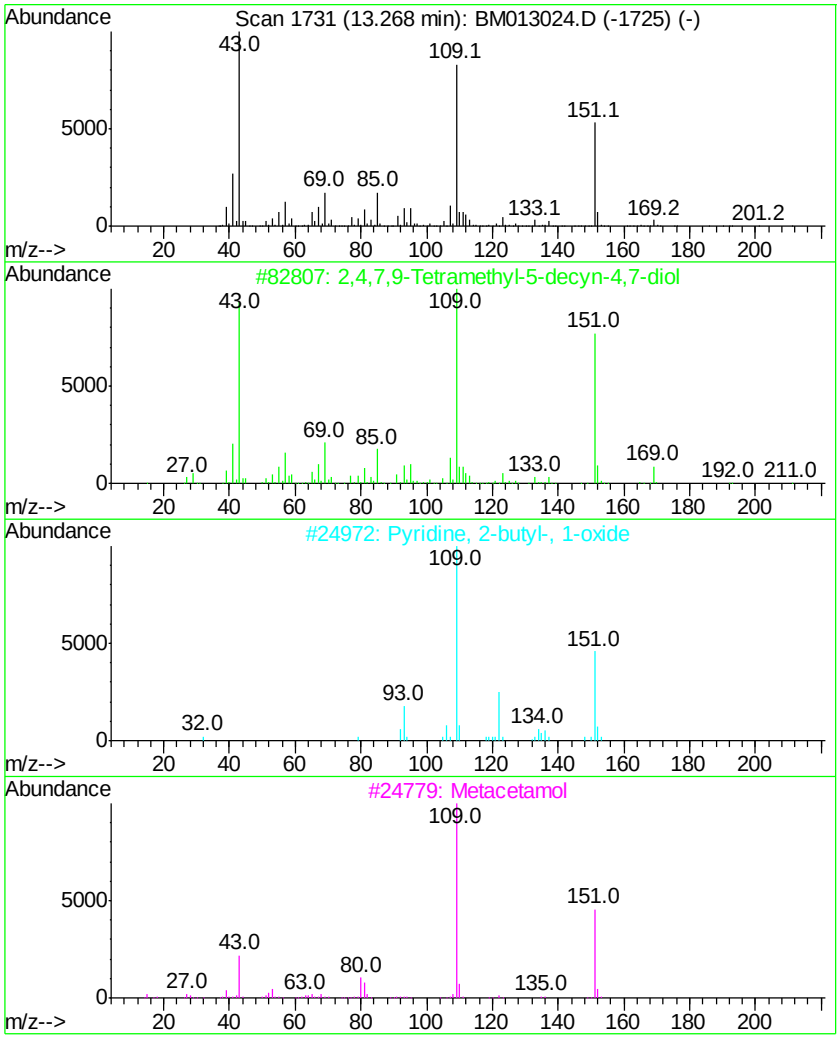
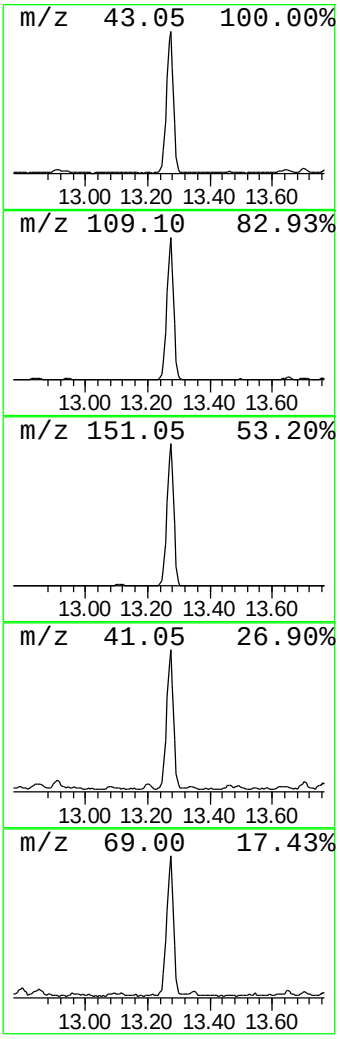
Peak Number 18 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	31.58 ng/ul	6125060	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
3	Metacetamol	151	C8H9NO2	000621-42-1	53
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53





Library Search Compound Report

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Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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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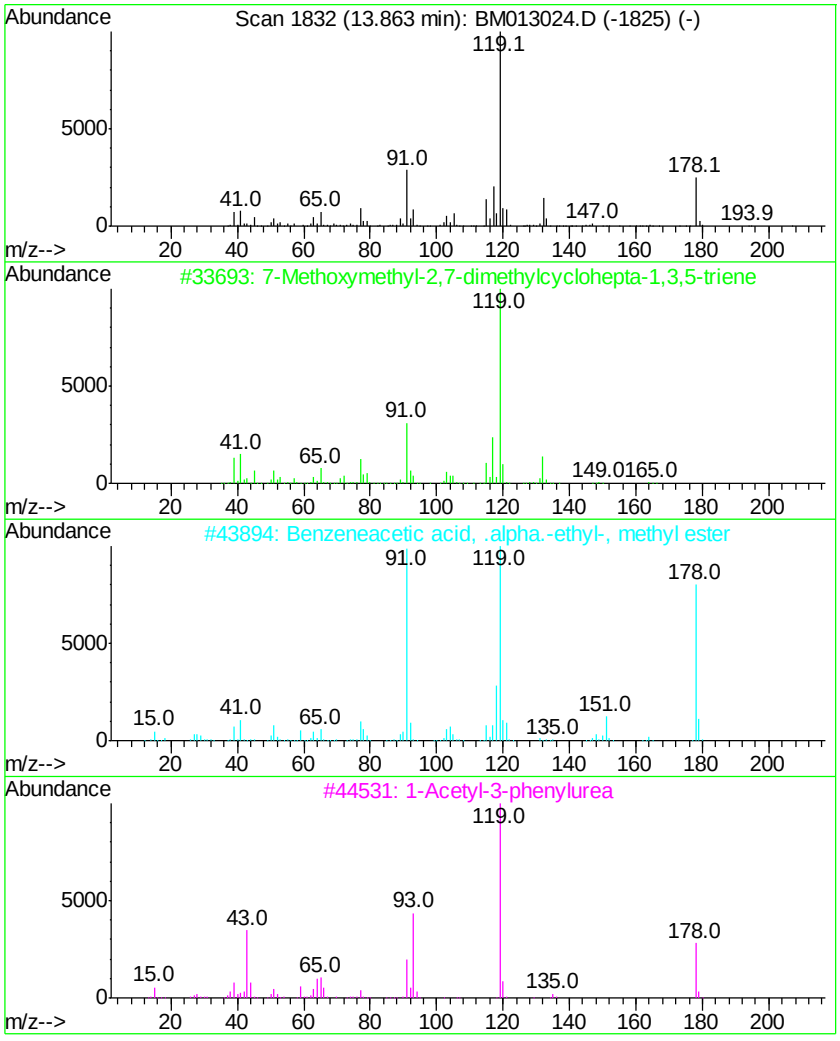
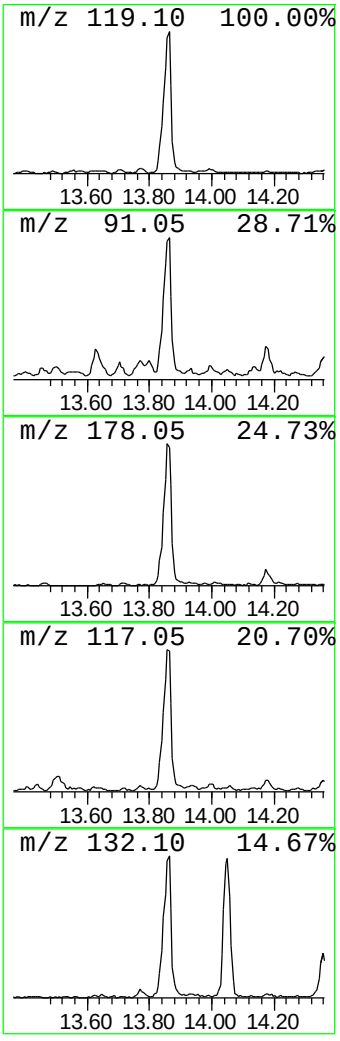
Peak Number 19 7-Methoxymethyl-2,7-dimethy... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	11.04 ng/ul	2140890	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	81
2	Benzeneacetic acid, .alpha.-ethy...	178	C11H14O2	002294-71-5	53
3	1-Acetyl-3-phenylurea	178	C9H10N2O2	000102-03-4	52
4	1-Piperidinecarbothioic acid, S-...	263	C15H21NOS	061432-55-1	47
5	Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	47





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Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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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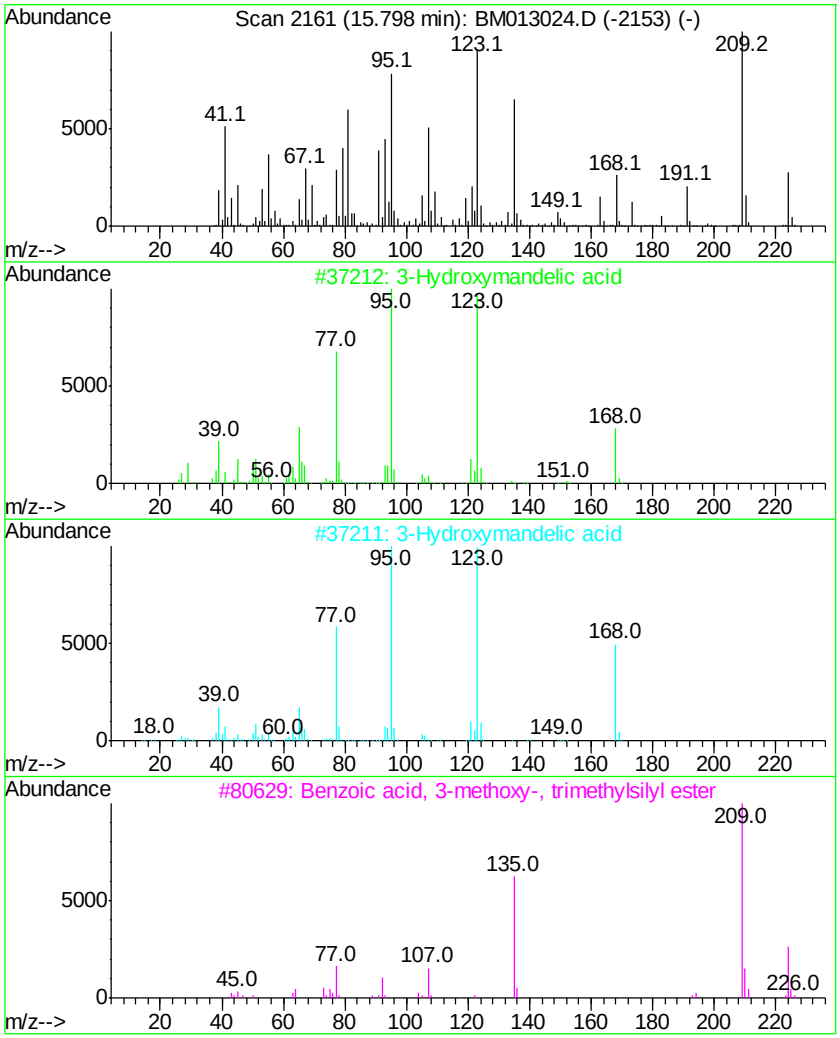
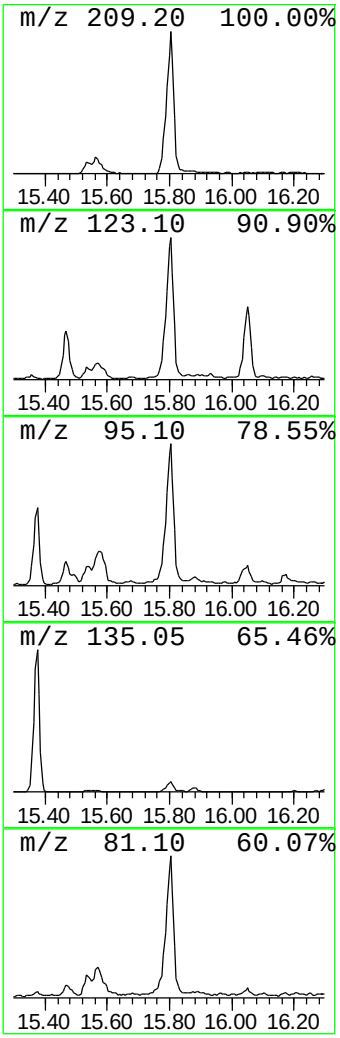
Peak Number 20 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	33.94 ng/ul	5002120	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxymandelic acid	168	C8H8O4	017119-15-2	38
2	3-Hydroxymandelic acid	168	C8H8O4	017119-15-2	30
3	Benzoic acid, 3-methoxy-, trimet...	224	C11H16O3Si	959111-51-4	30
4	5-Methylthiazoline-2-resocinol	209	C10H11NO2S	1000130-58-8	22
5	1,4-Methanophthalazine, 1,4,4a,5...	178	C11H18N2	109746-13-6	20





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Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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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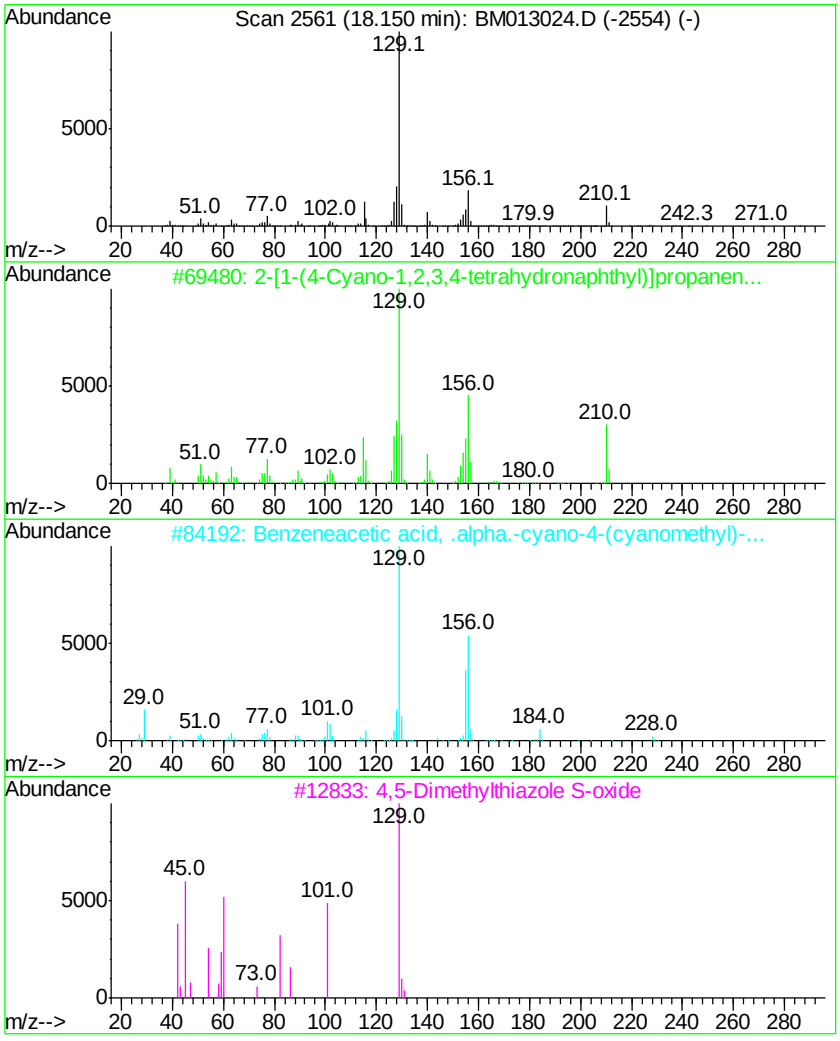
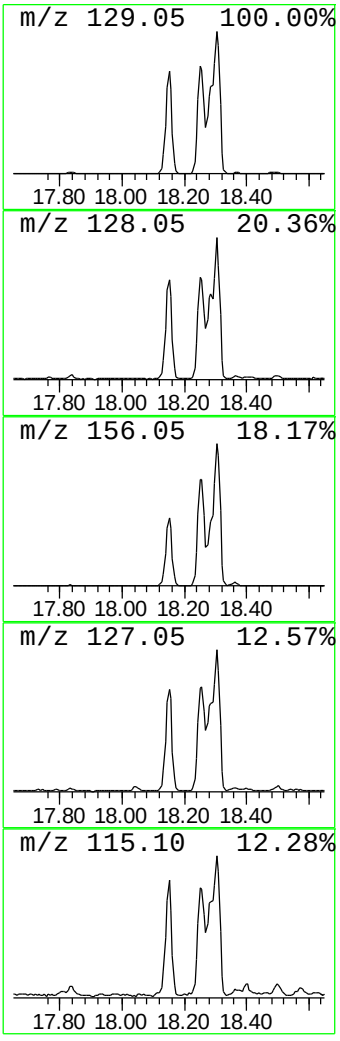
Peak Number 21 2-[1-(4-Cyano-1,2,3,4-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	21.40 ng/ul	3153460	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[1-(4-Cyano-1,2,3,4-tetrahydro...	210	C14H14N2	057964-39-3	70
2	Benzeneacetic acid, .alpha.-cyan...	228	C13H12N2O2	134882-04-5	50
3	4,5-Dimethylthiazole S-oxide	129	C5H7NOS	1000112-53-4	43
4	Isoquinoline	129	C9H7N	000119-65-3	42
5	Isoquinoline	129	C9H7N	000119-65-3	40





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Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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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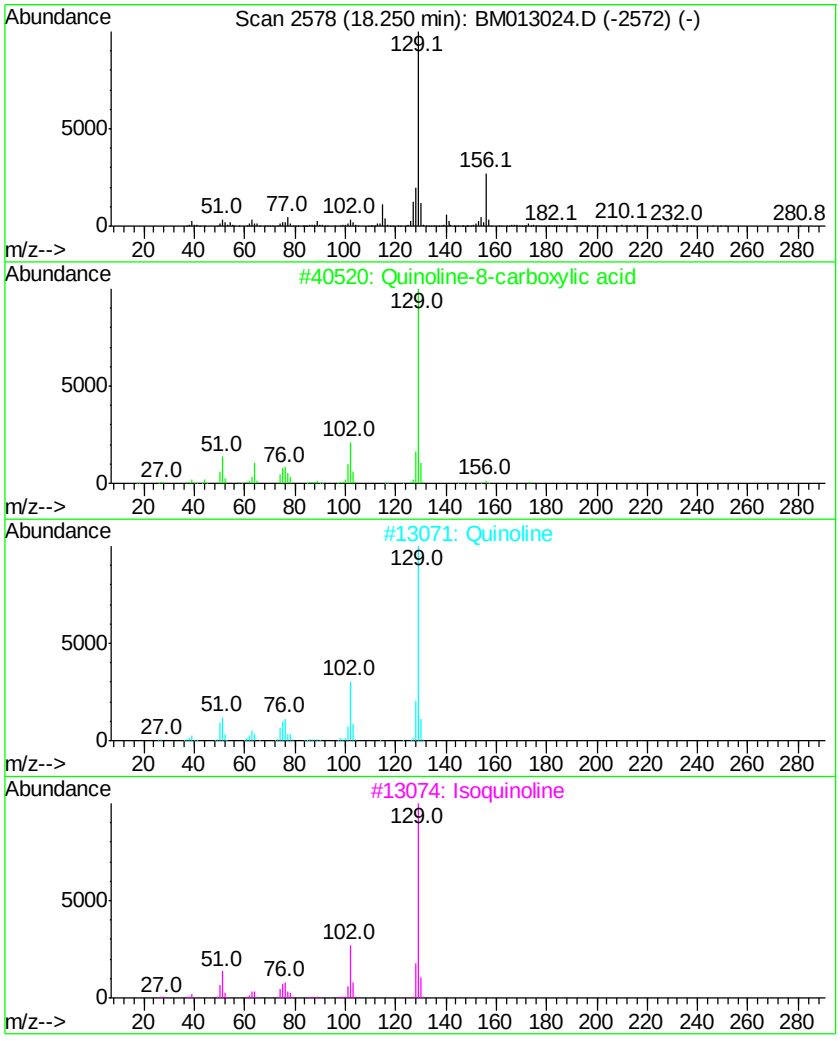
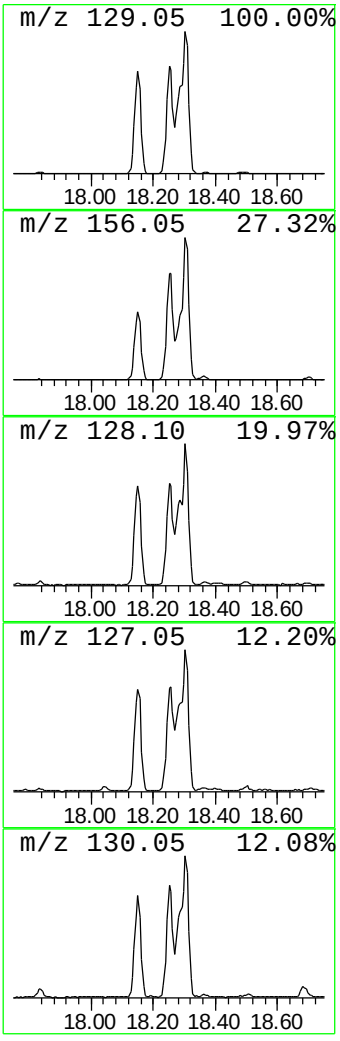
Peak Number 22 Quinoline-8-carboxylic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	23.90 ng/ul	3522000	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline-8-carboxylic acid	173	C10H7NO2	000086-59-9	53
2	Quinoline	129	C9H7N	000091-22-5	50
3	Isoquinoline	129	C9H7N	000119-65-3	50
4	Benzeneacetic acid, .alpha.-cyan...	228	C13H12N2O2	134882-04-5	50
5	Quinolinium, 1-ethyl-, iodide	285	C11H12IN	000634-35-5	50





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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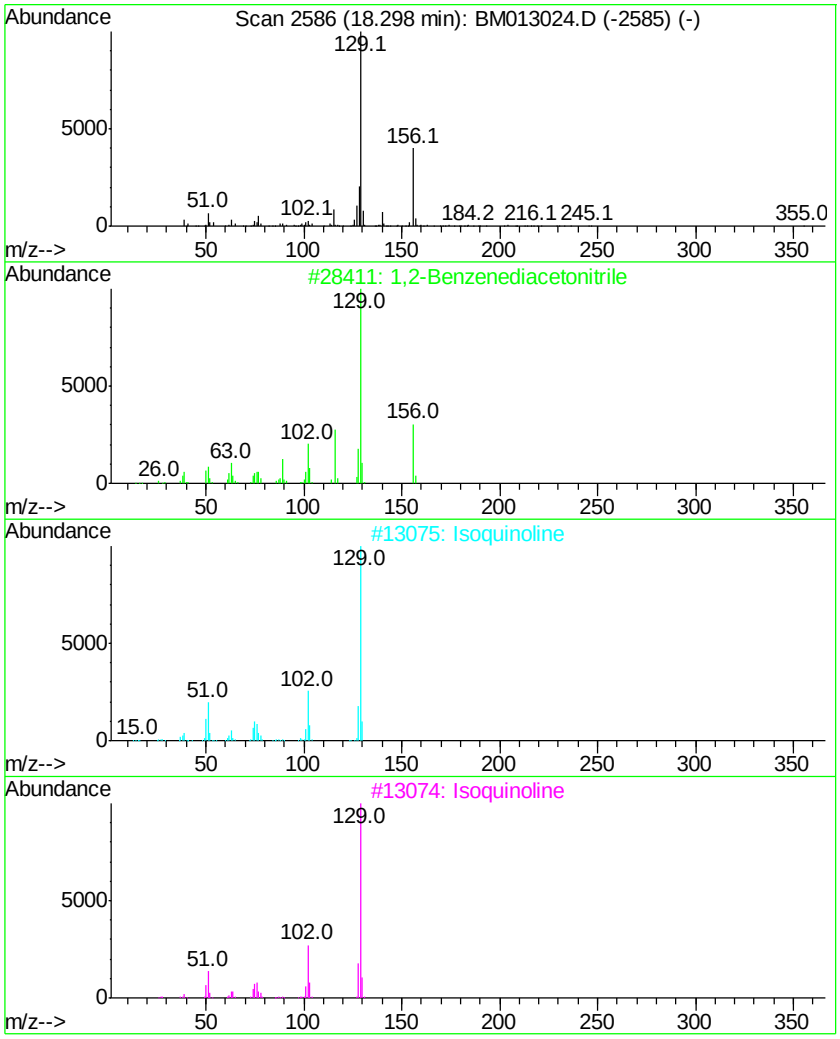
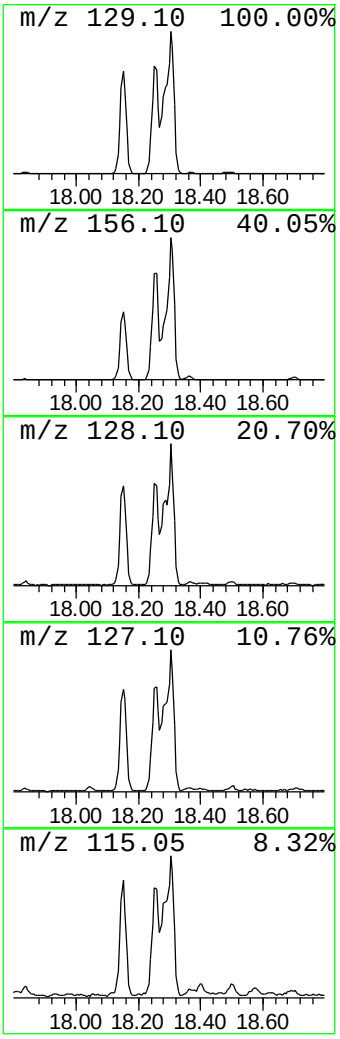
Peak Number 23 1,2-Benzenediacetonitrile Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	22.60 ng/ul	3330530	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenediacetonitrile	156	C10H8N2	000613-73-0	64
2	Isoquinoline	129	C9H7N	000119-65-3	52
3	Isoquinoline	129	C9H7N	000119-65-3	47
4	Quinolinium, 1-ethyl-, iodide	285	C11H12IN	000634-35-5	45
5	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013024.D
Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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

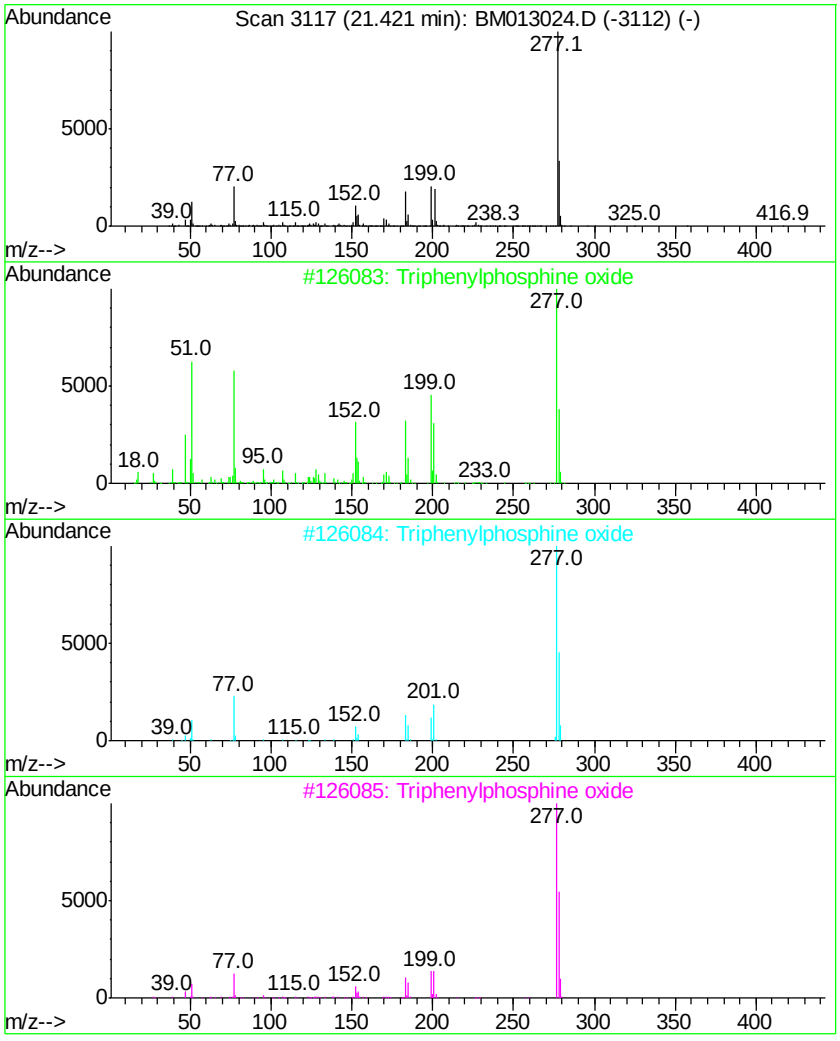
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

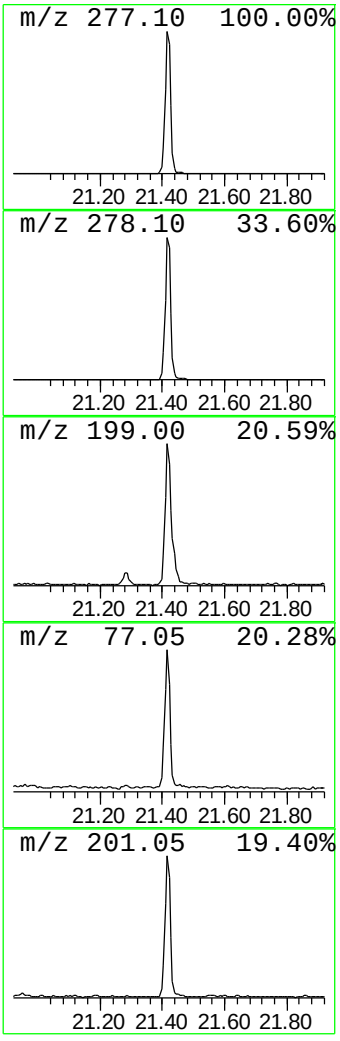
****

Peak Number 24 Triphenylphosphine oxide Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	16.51 ng/ul	2491520	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	91
2	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	53
3	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	47
4	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	46
5	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111717\
Data File : BM013024.D
Acq On : 18 Nov 2017 05:42
Operator : SJ/JU
Sample : I6451-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2W3

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
Methyl Isobutyl K...	3.59	18.7	ng/ul	2665350	1	7.72	2846860	20.0
1,5-Heptadien-3-yne	3.99	1289.0	ng/ul	183483000	1	7.72	2846860	20.0
Benzene, 1,3-dime...	5.76	156.8	ng/ul	22316000	1	7.72	2846860	20.0
Benzene, (1-methy...	6.22	26.7	ng/ul	3805570	1	7.72	2846860	20.0
Benzene, propyl-	6.71	13.9	ng/ul	1976230	1	7.72	2846860	20.0
Benzene, 1-ethyl-...	6.82	27.2	ng/ul	3875900	1	7.72	2846860	20.0
Mesitylene	7.37	70.8	ng/ul	10079800	1	7.72	2846860	20.0
Benzene, 1,2,3-tr...	7.83	20.0	ng/ul	2846860	1	7.72	2846860	20.0
Benzene, 1,3-dich...	8.07	17.4	ng/ul	2480320	1	7.72	2846860	20.0
Cyclohexanol, 3,3...	8.35	80.8	ng/ul	11497300	1	7.72	2846860	20.0
3-Octanol, 3,7-di...	9.04	29.3	ng/ul	4173500	1	7.72	2846860	20.0
unknown-01	11.52	15.2	ng/ul	1987010	2	10.50	2610690	20.0
Phenol, 2,3,5-tri...	11.59	24.7	ng/ul	3226490	2	10.50	2610690	20.0
Phenol, p-tert-bu...	11.85	52.6	ng/ul	6867000	2	10.50	2610690	20.0
2,4,7,9-Tetrameth...	13.27	31.6	ng/ul	6125060	3	14.36	3878950	20.0
7-Methoxymethyl-2...	13.86	11.0	ng/ul	2140890	3	14.36	3878950	20.0
unknown-02	15.80	33.9	ng/ul	5002120	4	17.10	2947470	20.0
2-[1-(4-Cyano-1,2...	18.15	21.4	ng/ul	3153460	4	17.10	2947470	20.0
Quinoline-8-carbo...	18.25	23.9	ng/ul	3522000	4	17.10	2947470	20.0
1,2-Benzenediacet...	18.30	22.6	ng/ul	3330530	4	17.10	2947470	20.0
Triphenylphosphin...	21.42	16.5	ng/ul	2491520	5	21.29	3018250	20.0