LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013010.D
Acq On : 17 Nov 2017 21:26
Operator : SJ/JU
Sample : I6451-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2X2

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	5.069	331	337	343	rBV	239624	343593	6.89%	0.731%
2	5.263	365	370	377	rVB	63189	94292	1.89%	0.200%
3	5.387	386	391	401	rBV	446582	827090	16.59%	1.758%
4	5.751	447	453	460	rVB	119033	184016	3.69%	0.391%
5	6.228	523	534	541	rBV	185336	296931	5.95%	0.631%
6	6.404	558	564	569	rBV3	50997	74196	1.49%	0.158%
7	6.710	611	616	623	rBV2	33907	58566	1.17%	0.125%
8	6.816	629	634	639	rBV	51451	74552	1.50%	0.159%
9	6.887	639	646	653	rVV	195358	316708	6.35%	0.673%
10	6.951	653	657	661	rVB	40668	53391	1.07%	0.114%
11	7.057	670	675	681	rBV	562656	851502	17.08%	1.810%
12	7.116	681	685	689	rVV	68130	95679	1.92%	0.203%
13	7.251	700	708	717	rBV	672604	1077733	21.61%	2.291%
14	7.369	723	728	734	rVB	102675	144044	2.89%	0.306%
15	7.716	780	787	799	rBV	542969	931956	18.69%	1.981%
16	7.834	801	807	812	rBV	75747	124976	2.51%	0.266%
17	7.922	817	822	829	rVB3	52455	77471	1.55%	0.165%
18	8.069	842	847	855	rVV4	55531	143076	2.87%	0.304%
19	8.145	855	860	865	rVB2	34078	50791	1.02%	0.108%
20	8.340	889	893	900	rVV7	26284	54376	1.09%	0.116%
21	8.416	900	906	919	rVB	504600	811928	16.28%	1.726%
22	8.869	977	983	993	rVB	776497	1253639	25.14%	2.665%
23	9.034	1006	1011	1017	rBV2	94957	148597	2.98%	0.316%
24	9.587	1097	1105	1116	rBV	607376	1006132	20.18%	2.139%
25	9.922	1156	1162	1166	rBV5	48953	83880	1.68%	0.178%
26	10.122	1188	1196	1203	rBV	940033	1529594	30.68%	3.252%
27	10.498	1254	1260	1267	rBV	704310	1210940	24.29%	2.575%
28	11.092	1355	1361	1366	rBV5	32711	56998	1.14%	0.121%
29	11.845	1480	1489	1496	rBV	218808	360364	7.23%	0.766%
30	13.263	1724	1730	1736	rBV	117352	190683	3.82%	0.405%
31	13.774	1810	1817	1823	rBV	1891106	2545848	51.06%	5.413%
32	14.051	1857	1864	1872	rVB	1967575	2892513	58.01%	6.150%
33	14.357	1910	1916	1922	rBV2	1030772	1651367	33.12%	3.511%
34	14.551	1944	1949	1955	rBV2	186032	269624	5.41%	0.573%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013010.D
Acq On : 17 Nov 2017 21:26
Operator : SJ/JU
Sample : I6451-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2X2

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	15.357	2079	2086	2094	rBV2	2520316	3975439	79.73%	8.452%
36	15.469	2098	2105	2111	rBV	709527	1001763	20.09%	2.130%
37	15.592	2120	2126	2130	rBV3	51422	69137	1.39%	0.147%
38	15.868	2165	2173	2178	rBV5	49289	103233	2.07%	0.219%
39	16.027	2195	2200	2206	rBV	81279	122512	2.46%	0.260%
40	16.416	2262	2266	2273	rVB2	50381	66149	1.33%	0.141%
41	17.068	2373	2377	2378	rBV2	61636	69448	1.39%	0.148%
42	17.104	2378	2383	2391	rVV2	1483644	2035697	40.83%	4.328%
43	17.204	2393	2400	2412	rVB	2847737	4035568	80.93%	8.580%
44	17.451	2438	2442	2448	rBV5	39332	61011	1.22%	0.130%
45	17.721	2482	2488	2493	rBV2	39151	60440	1.21%	0.129%
46	18.015	2534	2538	2544	rVB4	44076	58941	1.18%	0.125%
47	18.145	2556	2560	2568	rVB	69827	96793	1.94%	0.206%
48	18.245	2572	2577	2580	rBV	70146	110374	2.21%	0.235%
49	18.298	2580	2586	2593	rVB	119377	226387	4.54%	0.481%
50	19.133	2724	2728	2733	rBV	34237	58517	1.17%	0.124%
51	19.298	2751	2756	2765	rBV2	100968	145301	2.91%	0.309%
52	19.498	2784	2790	2795	rBV	3619323	4746203	95.19%	10.091%
53	19.545	2795	2798	2806	rVB	74468	109435	2.19%	0.233%
54	21.286	3089	3094	3101	rBV	2033408	2553961	51.22%	5.430%
55	23.380	3443	3450	3459	rBV2	2777995	4986259	100.00%	10.601%
56	23.521	3467	3474	3482	rVB	1337909	2454389	49.22%	5.218%

Sum of corrected areas: 47034003

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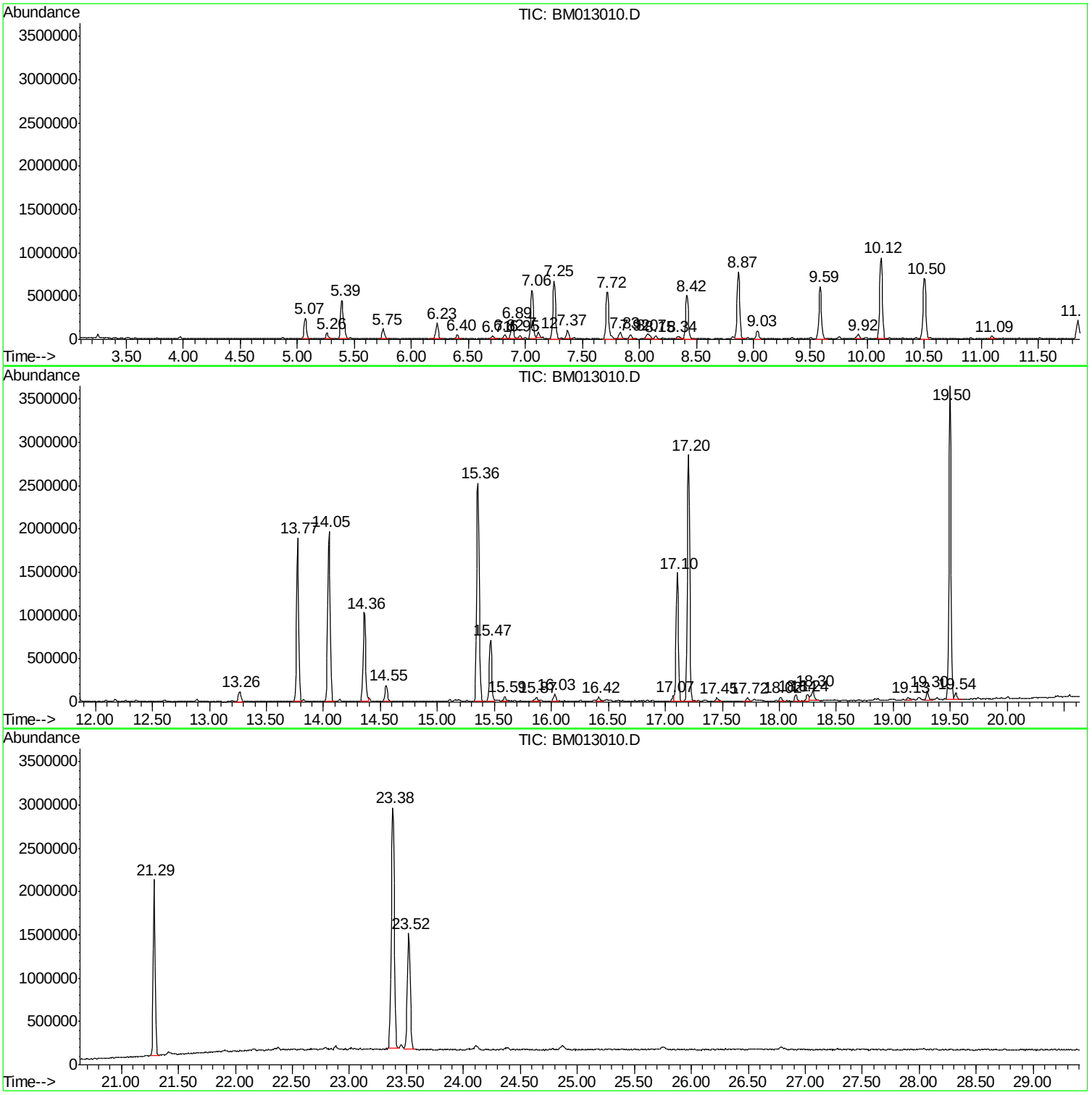
Operator : SJ/JU
Sample : I6451-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2X2

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013010.D
Acq On : 17 Nov 2017 21:26
Operator : SJ/JU
Sample : I6451-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2X2

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

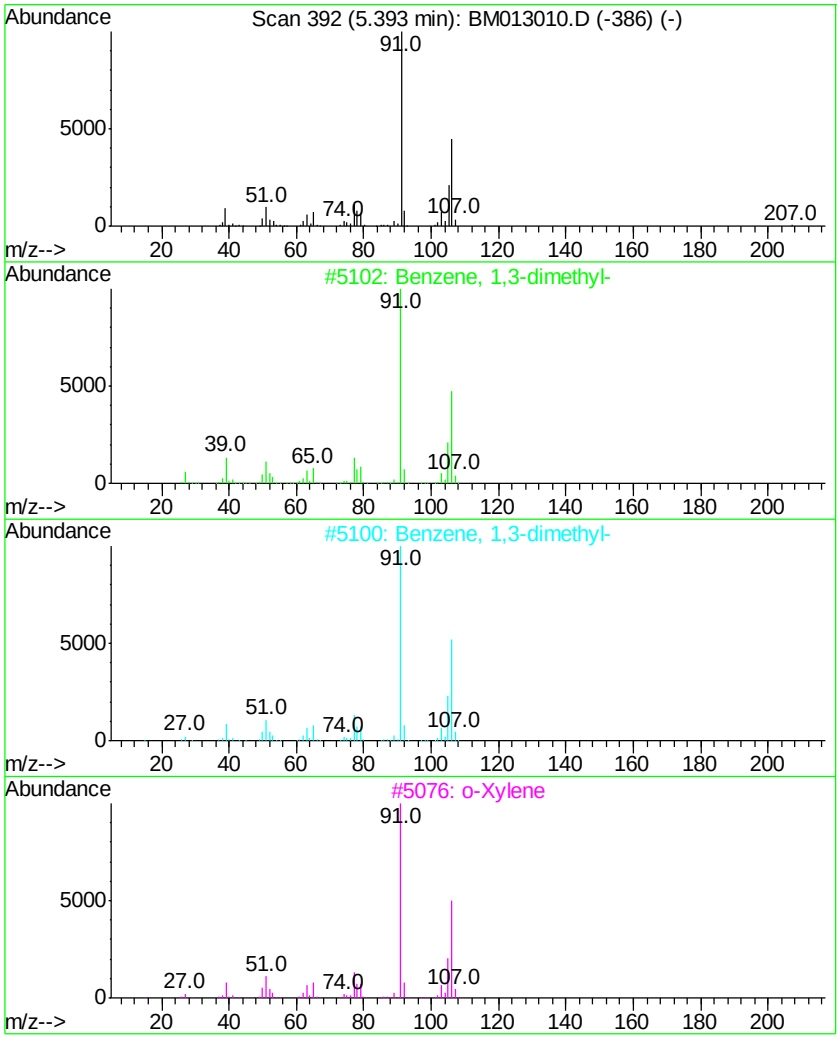
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

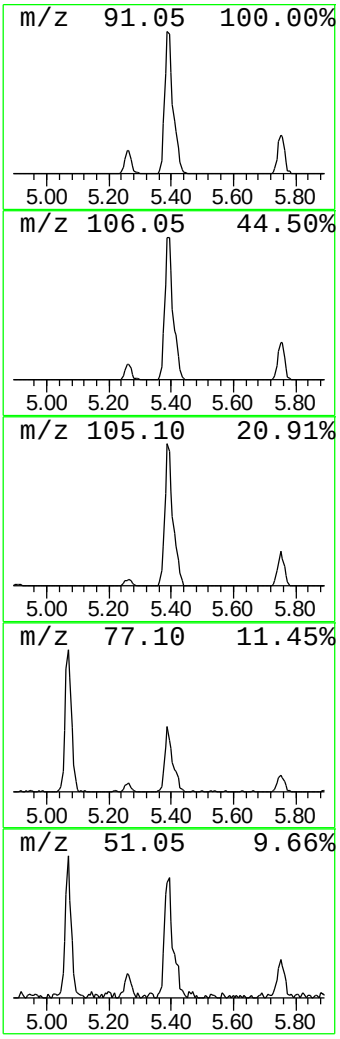
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.39	17.75 ng/ul	827090	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	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013010.D
Acq On : 17 Nov 2017 21:26
Operator : SJ/JU
Sample : I6451-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2X2

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

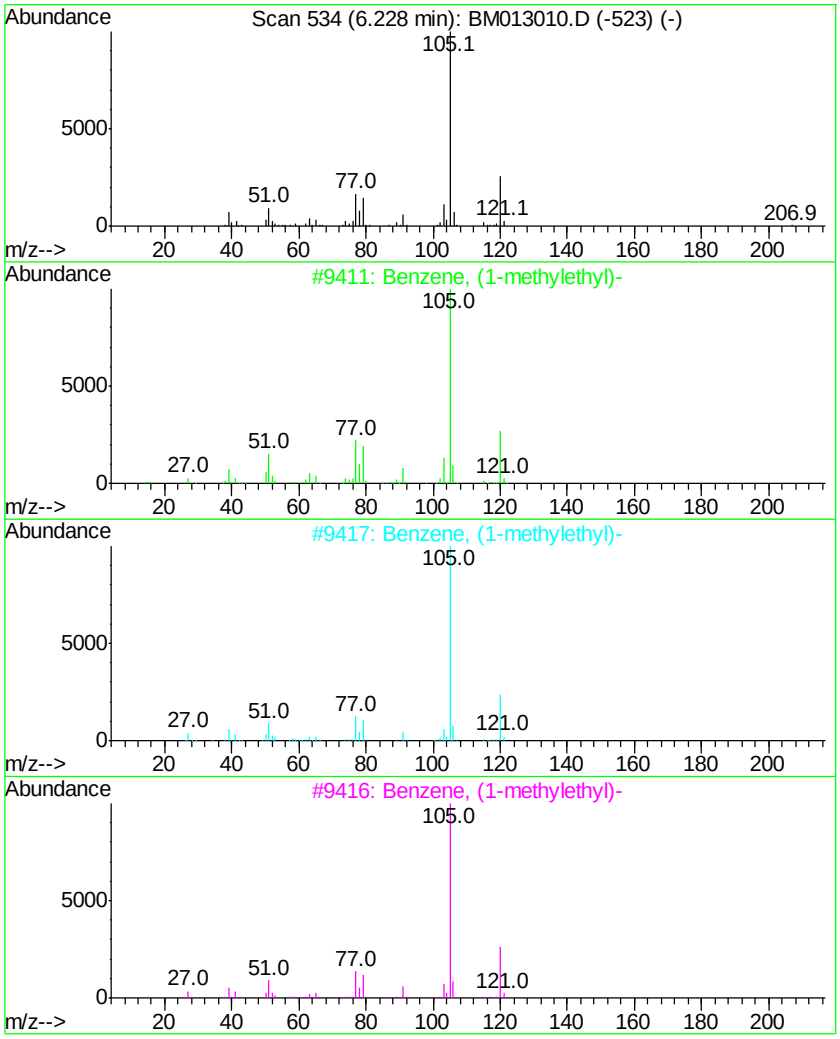
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

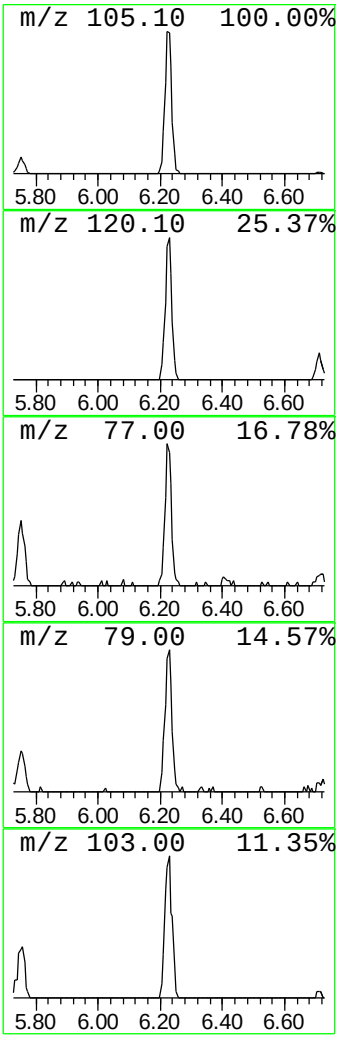
****

Peak Number 5 Benzene, (1-methylethyl)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	6.37 ng/ul	296931	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	93
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	80





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013010.D
Acq On : 17 Nov 2017 21:26
Operator : SJ/JU
Sample : I6451-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2X2

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

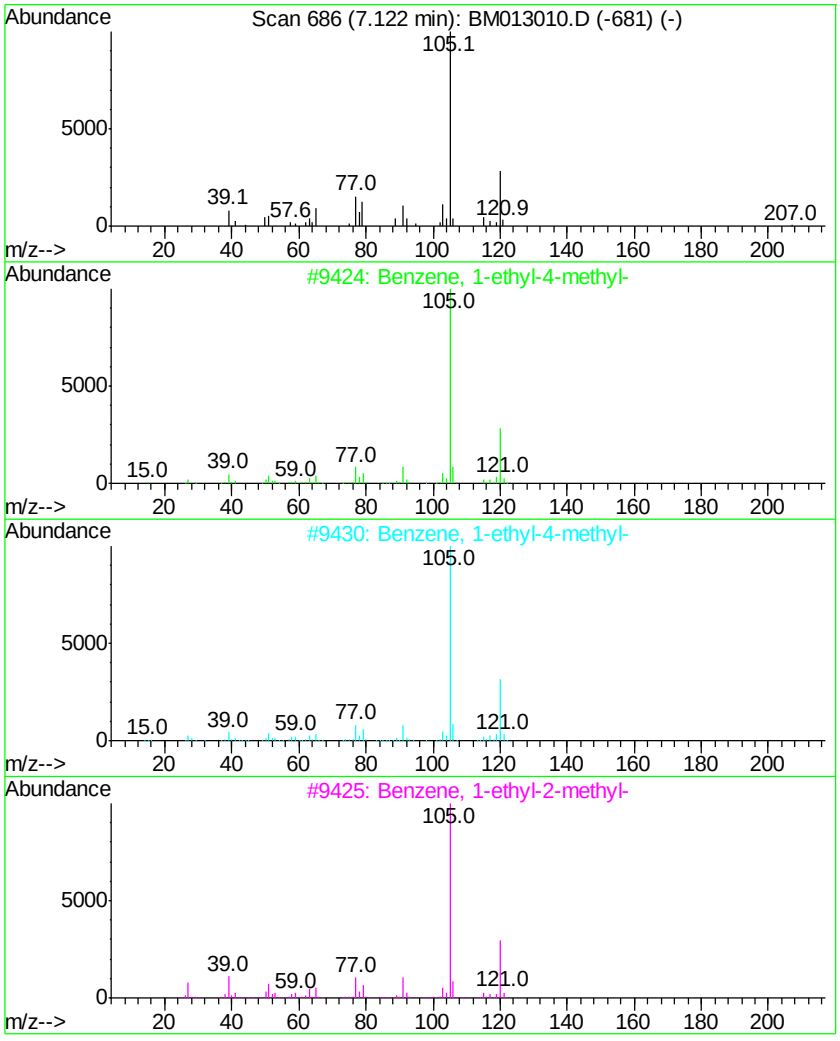
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

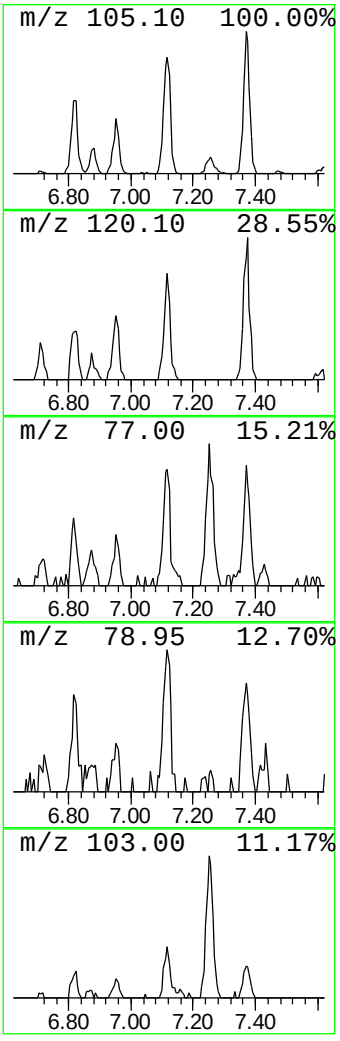
****

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	2.05 ng/ul	95679	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Mesitylene	120	C9H12	000108-67-8	87
5	Mesitylene	120	C9H12	000108-67-8	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013010.D
Acq On : 17 Nov 2017 21:26
Operator : SJ/JU
Sample : I6451-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2X2

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

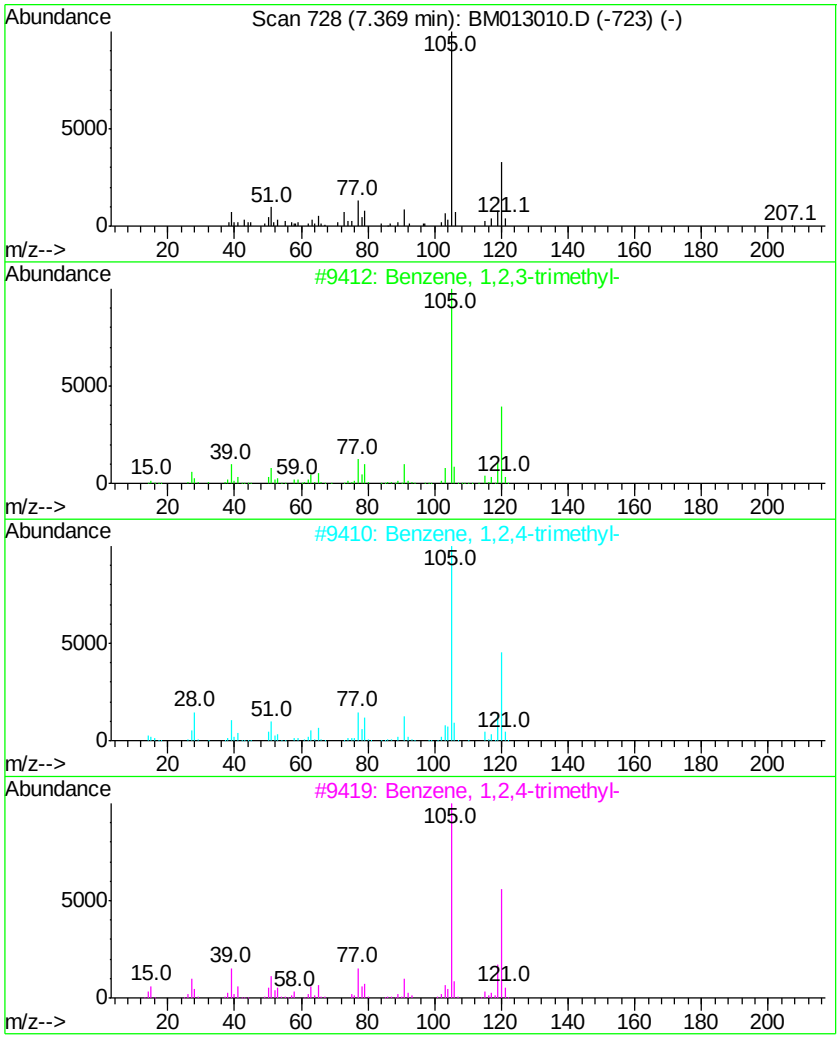
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

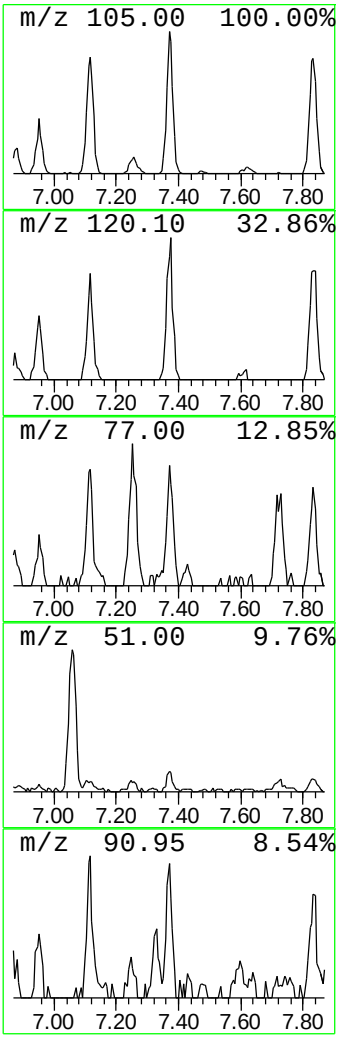
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	3.09 ng/ul	144044	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	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	86
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	83
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	81





Library Search Compound Report

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Data File : BM013010.D
Acq On : 17 Nov 2017 21:26
Operator : SJ/JU
Sample : I6451-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2X2

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

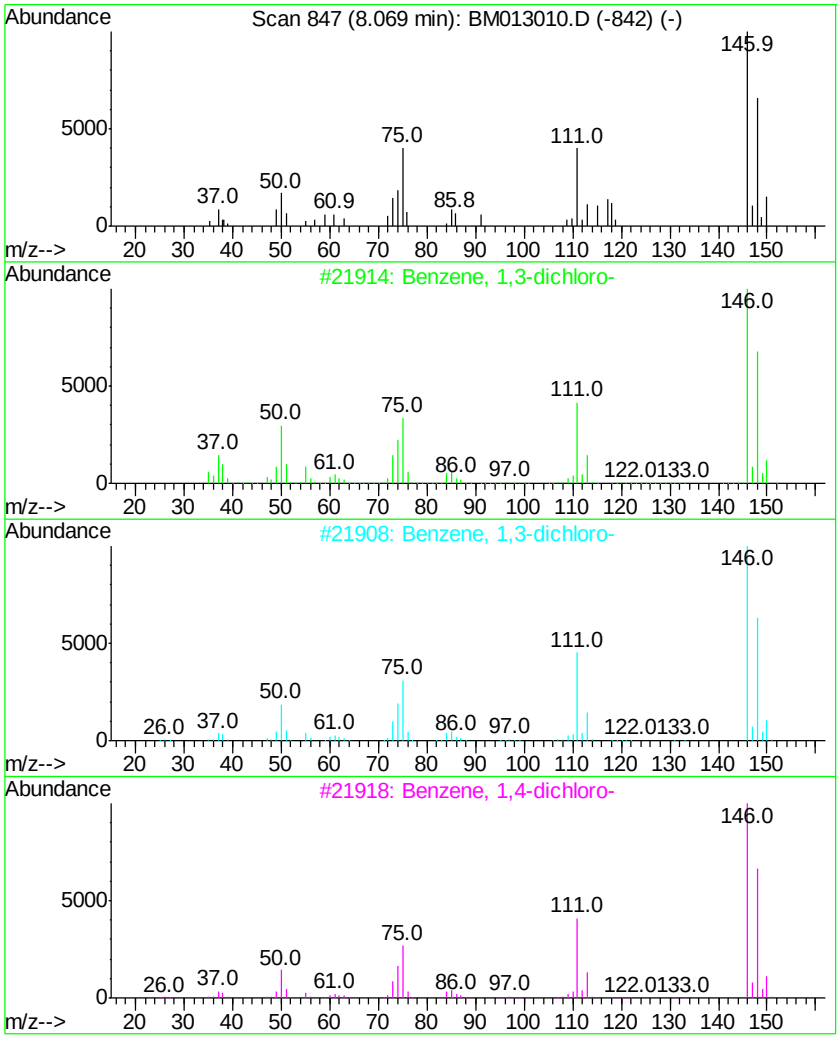
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

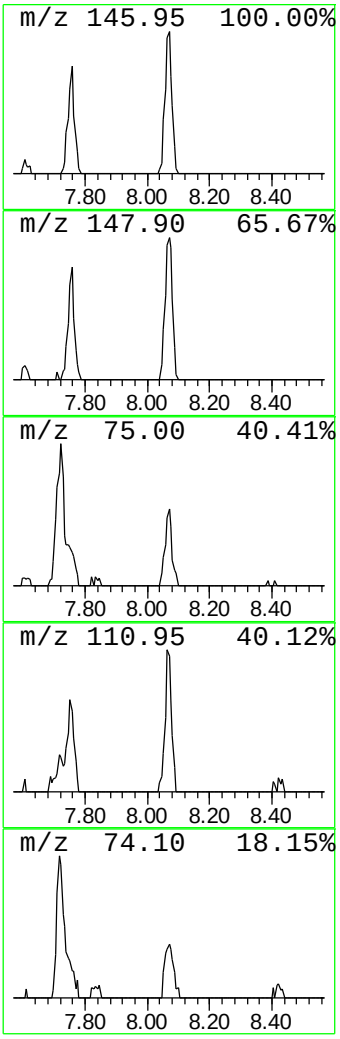
****

Peak Number 9 Benzene, 1,3-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	3.07 ng/ul	143076	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	93
2	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	93
3	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	91
4	Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	91
5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
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Operator : SJ/JU
Sample : I6451-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2X2

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

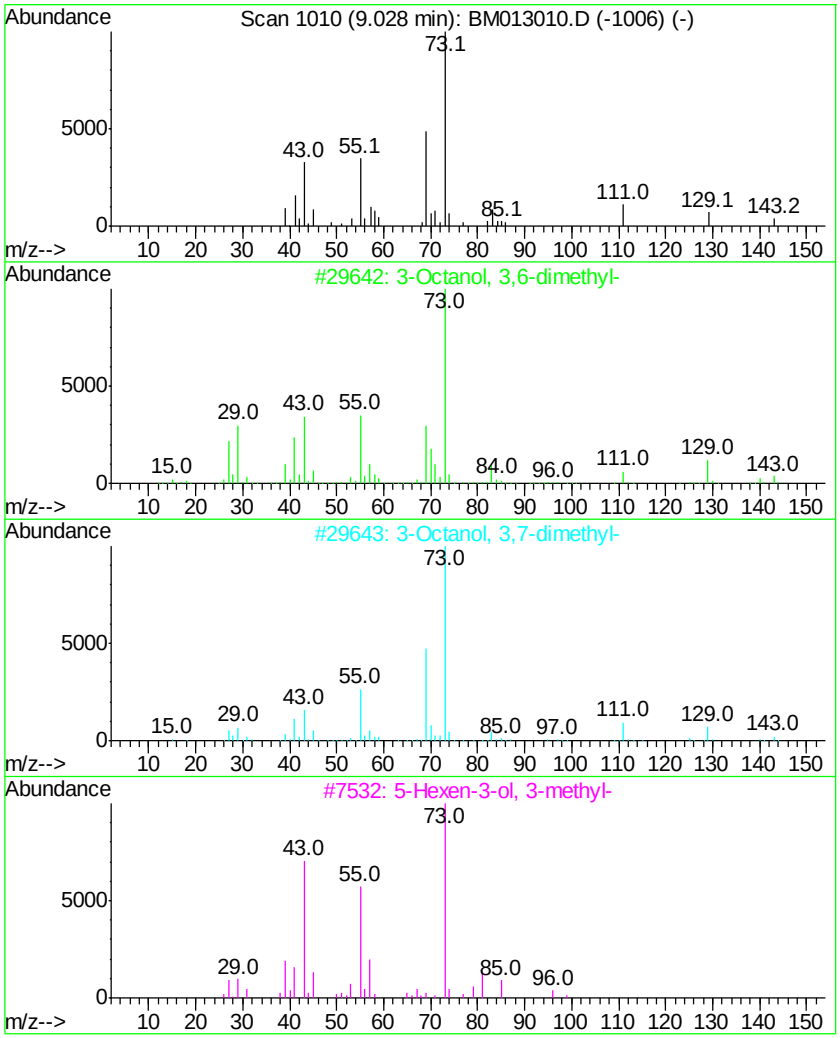
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

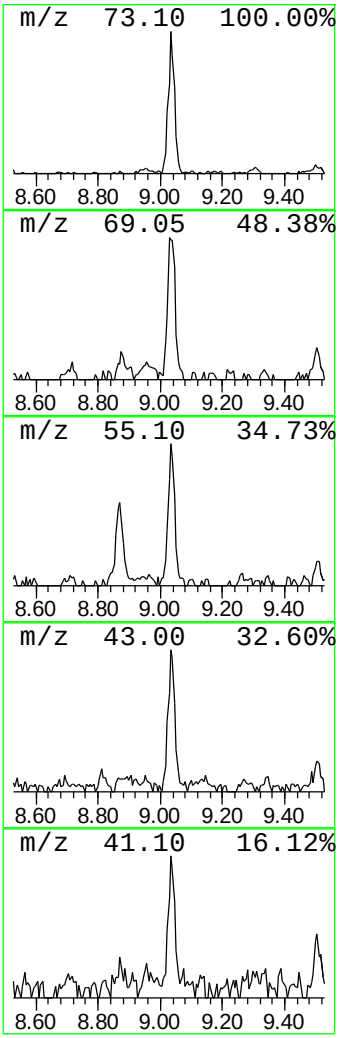
****

Peak Number 10 3-Octanol, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	3.19 ng/ul	148597	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol, 3,6-dimethyl-	158	C10H22O	000151-19-9	64
2	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	50
3	5-Hexen-3-ol, 3-methyl-	114	C7H14O	001569-44-4	38
4	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	38
5	3-Octanol, 3,7-dimethyl-	158	C10H22O	000078-69-3	34





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Acq On : 17 Nov 2017 21:26
Operator : SJ/JU
Sample : I6451-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2X2

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

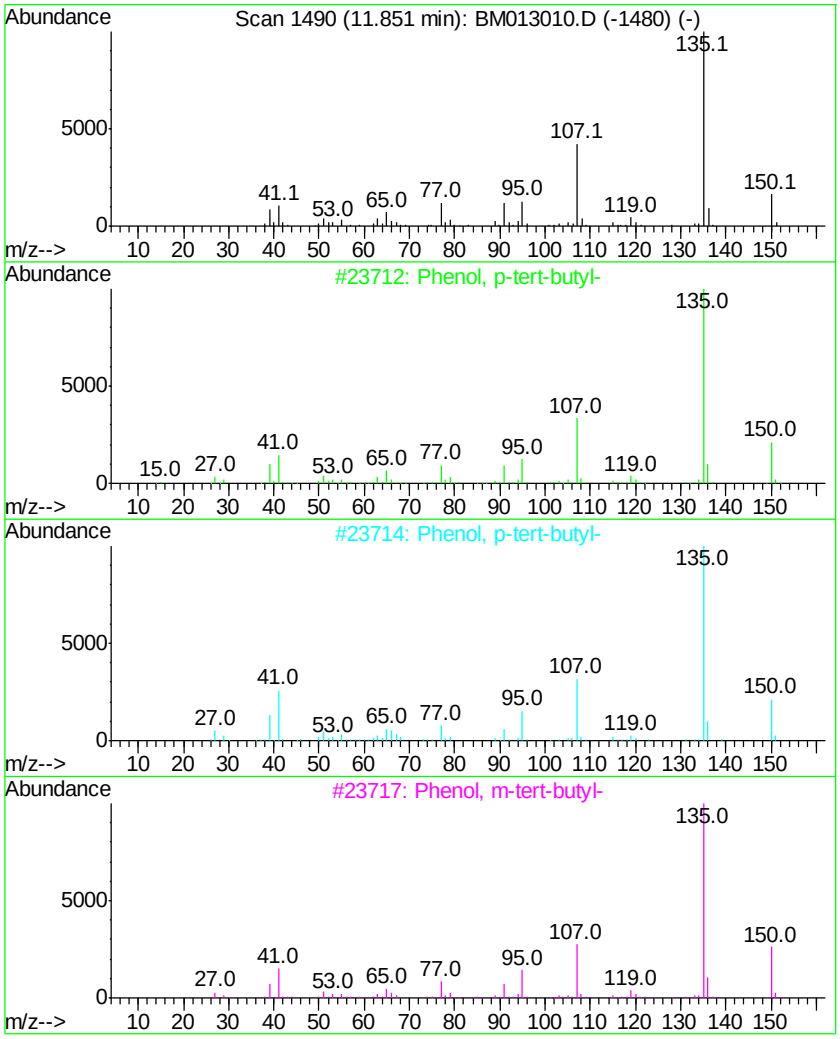
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

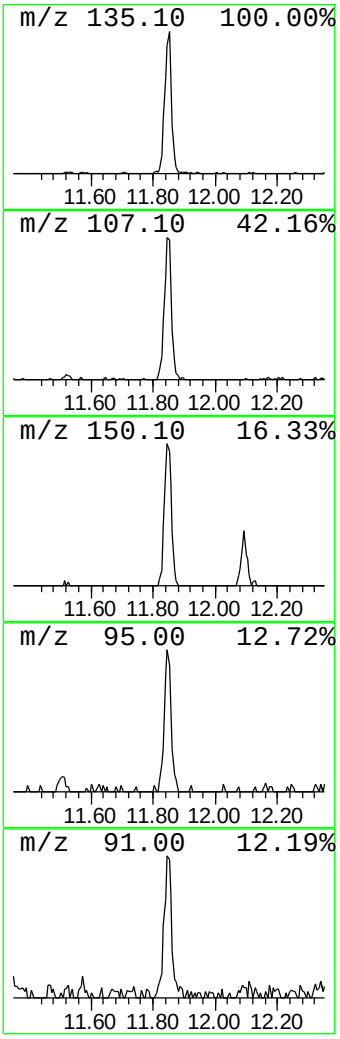
****

Peak Number 11 Phenol, p-tert-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	5.95 ng/ul	360364	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	90
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	83
4	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	74
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013010.D
Acq On : 17 Nov 2017 21:26
Operator : SJ/JU
Sample : I6451-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2X2

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

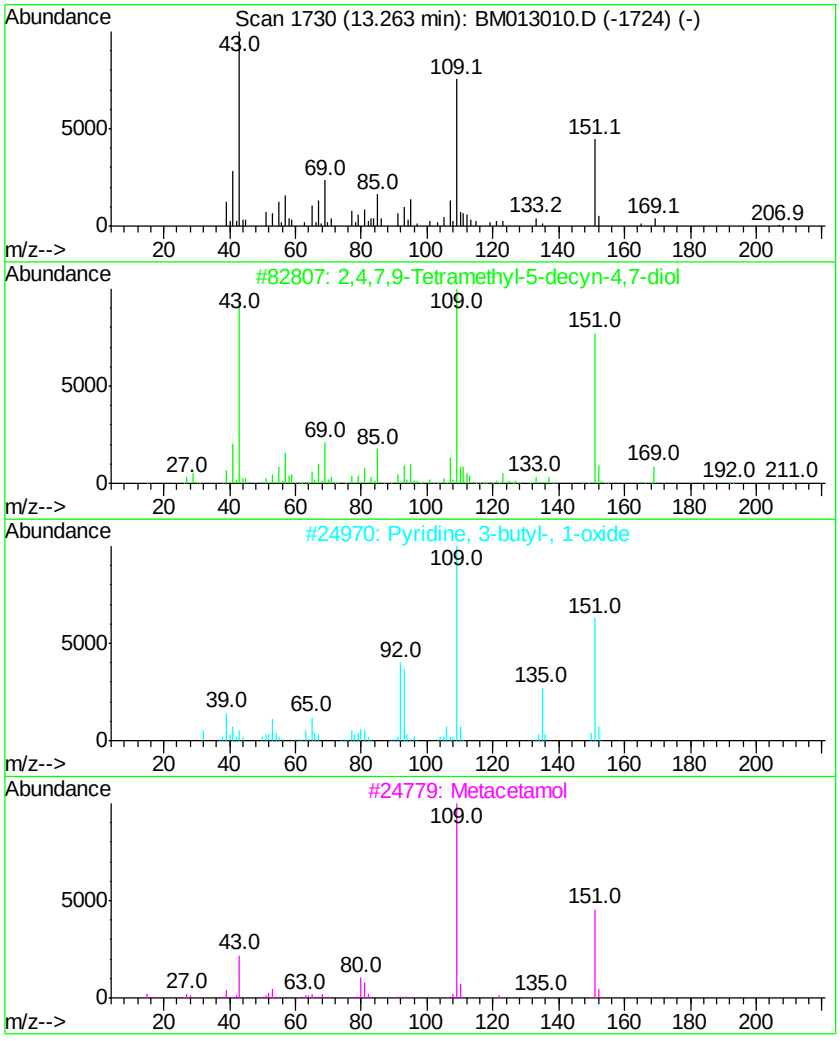
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

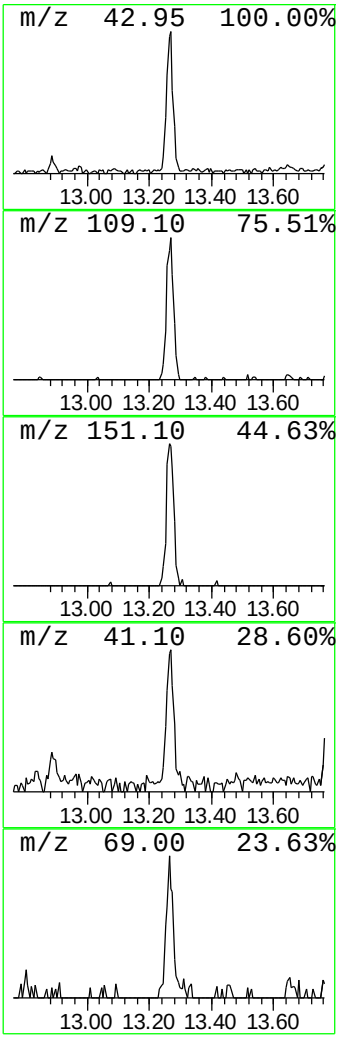
****

Peak Number 12 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.31 ng/ul	190683	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	83
2	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	58
3	Metacetamol	151	C8H9NO2	000621-42-1	58
4	Acetaminophen	151	C8H9NO2	000103-90-2	53
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53





Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013010.D
Acq On : 17 Nov 2017 21:26
Operator : SJ/JU
Sample : I6451-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2X2

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

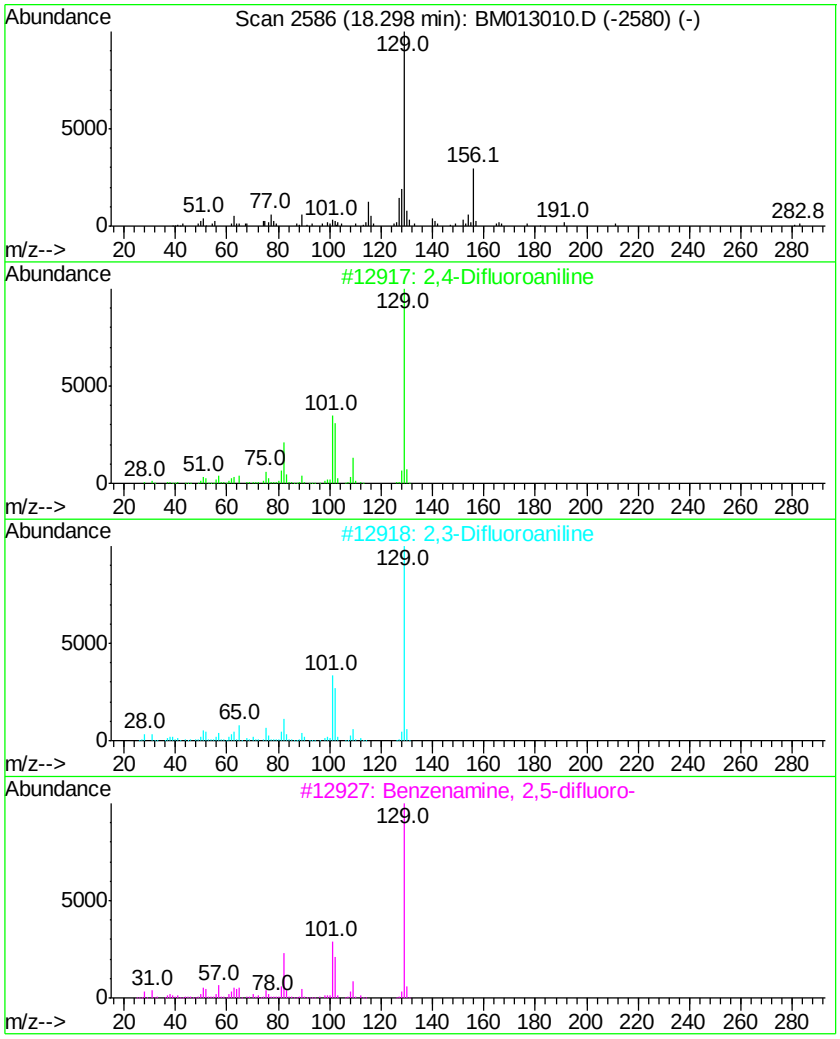
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

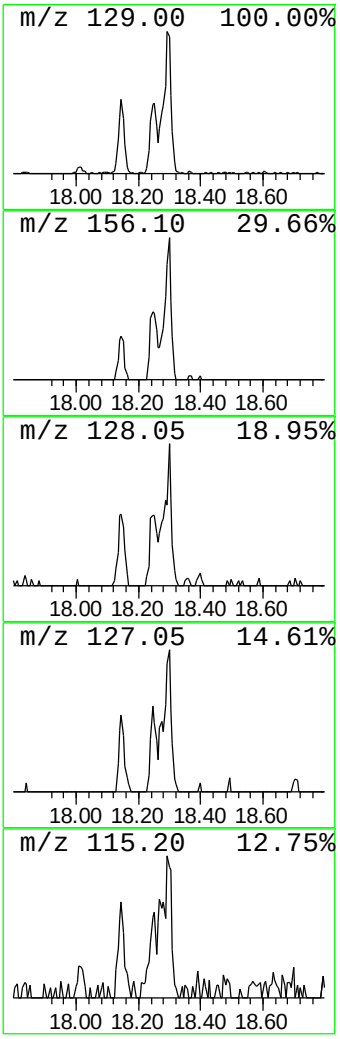
****

Peak Number 13 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	2.22 ng/ul	226387	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Difluoroaniline	129	C6H5F2N	000367-25-9	47
2	2,3-Difluoroaniline	129	C6H5F2N	004519-40-8	47
3	Benzenamine, 2,5-difluoro-	129	C6H5F2N	000367-30-6	46
4	Benzenamine, 2,5-difluoro-	129	C6H5F2N	000367-30-6	46
5	1,2-Benzenediacetonitrile	156	C10H8N2	000613-73-0	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111717\
Data File : BM013010.D
Acq On : 17 Nov 2017 21:26
Operator : SJ/JU
Sample : I6451-09
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE2X2

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
Benzene, 1,3-dime...	5.39	17.8	ng/ul	827090	1	7.72	931956	20.0
Benzene, (1-methy...	6.23	6.4	ng/ul	296931	1	7.72	931956	20.0
Benzene, 1-ethyl-...	7.12	2.0	ng/ul	95679	1	7.72	931956	20.0
Benzene, 1,2,3-tr...	7.37	3.1	ng/ul	144044	1	7.72	931956	20.0
Benzene, 1,3-dich...	8.07	3.1	ng/ul	143076	1	7.72	931956	20.0
3-Octanol, 3,6-di...	9.03	3.2	ng/ul	148597	1	7.72	931956	20.0
Phenol, p-tert-bu...	11.85	6.0	ng/ul	360364	2	10.50	1210940	20.0
2,4,7,9-Tetrameth...	13.26	2.3	ng/ul	190683	3	14.36	1651370	20.0
unknown-01	18.30	2.2	ng/ul	226387	4	17.10	2035700	20.0