LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
Data File : BM007862.D
Acq On : 14 Nov 2016 19:24
Operator : UM/SJ
Sample : H5612-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F2H17

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\SOM02.2-EPA-BM102016.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	2.640	6	9	17	rVB3	32399	56252	1.23%	0.131%
2	6.916	730	736	746	rBV	143161	257519	5.65%	0.600%
3	7.075	757	763	777	rBV	567862	895645	19.64%	2.085%
4	7.269	790	796	810	rVB	600372	1017695	22.32%	2.369%
5	7.734	864	875	881	rBV	607692	1007773	22.10%	2.346%
6	7.793	881	885	901	rVB	359983	600005	13.16%	1.397%
7	8.440	990	995	1009	rVB	450718	762179	16.71%	1.774%
8	8.828	1054	1061	1066	rBV	285519	473017	10.37%	1.101%
9	8.892	1066	1072	1081	rVB	720816	1211314	26.56%	2.820%
10	9.010	1086	1092	1103	rVB	29758	65803	1.44%	0.153%
11	9.610	1187	1194	1204	rBV	571008	1000461	21.94%	2.329%
12	10.145	1278	1285	1300	rBV	724501	1444903	31.68%	3.364%
13	10.439	1328	1335	1341	rBV5	41129	81523	1.79%	0.190%
14	10.516	1341	1348	1353	rVV	772224	1342737	29.44%	3.126%
15	10.563	1353	1356	1363	rVB	51322	92268	2.02%	0.215%
16	12.645	1704	1710	1718	rBV2	25625	45633	1.00%	0.106%
17	13.263	1809	1815	1817	rBV	140234	222273	4.87%	0.517%
18	13.298	1817	1821	1836	rVB	524045	923825	20.26%	2.151%
19	13.780	1897	1903	1916	rVB	1548957	2240583	49.13%	5.216%
20	14.063	1943	1951	1960	rBV	1784914	2608684	57.20%	6.073%
21	14.369	1995	2003	2010	rVV	1175489	1749115	38.35%	4.072%
22	14.433	2010	2014	2023	rVB3	24290	46057	1.01%	0.107%
23	14.621	2040	2046	2065	rBV4	47966	161063	3.53%	0.375%
24	15.368	2166	2173	2179	rBV	2281657	3361173	73.70%	7.825%
25	15.504	2190	2196	2209	rBV	507589	813541	17.84%	1.894%
26	17.115	2464	2470	2481	rBV2	1431554	2048592	44.92%	4.769%
27	17.215	2481	2487	2504	rVV2	2530330	3667154	80.41%	8.537%
28	17.786	2578	2584	2591	rVB	285868	364027	7.98%	0.847%
29	19.515	2871	2878	2888	rBV	3141856	4433198	97.21%	10.321%
30	21.303	3177	3182	3190	rBV	1903025	2740272	60.09%	6.379%
31	23.415	3534	3541	3550	rBV2	2349825	4560500	100.00%	10.617%
32	23.556	3558	3565	3574	rVB	1294460	2660381	58.34%	6.193%

LSC Area Percent Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F2H17

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\SOM02.2-EPA-BM102016.M
Title : SVOA CALIBRATION

Sum of corrected areas: 42955165

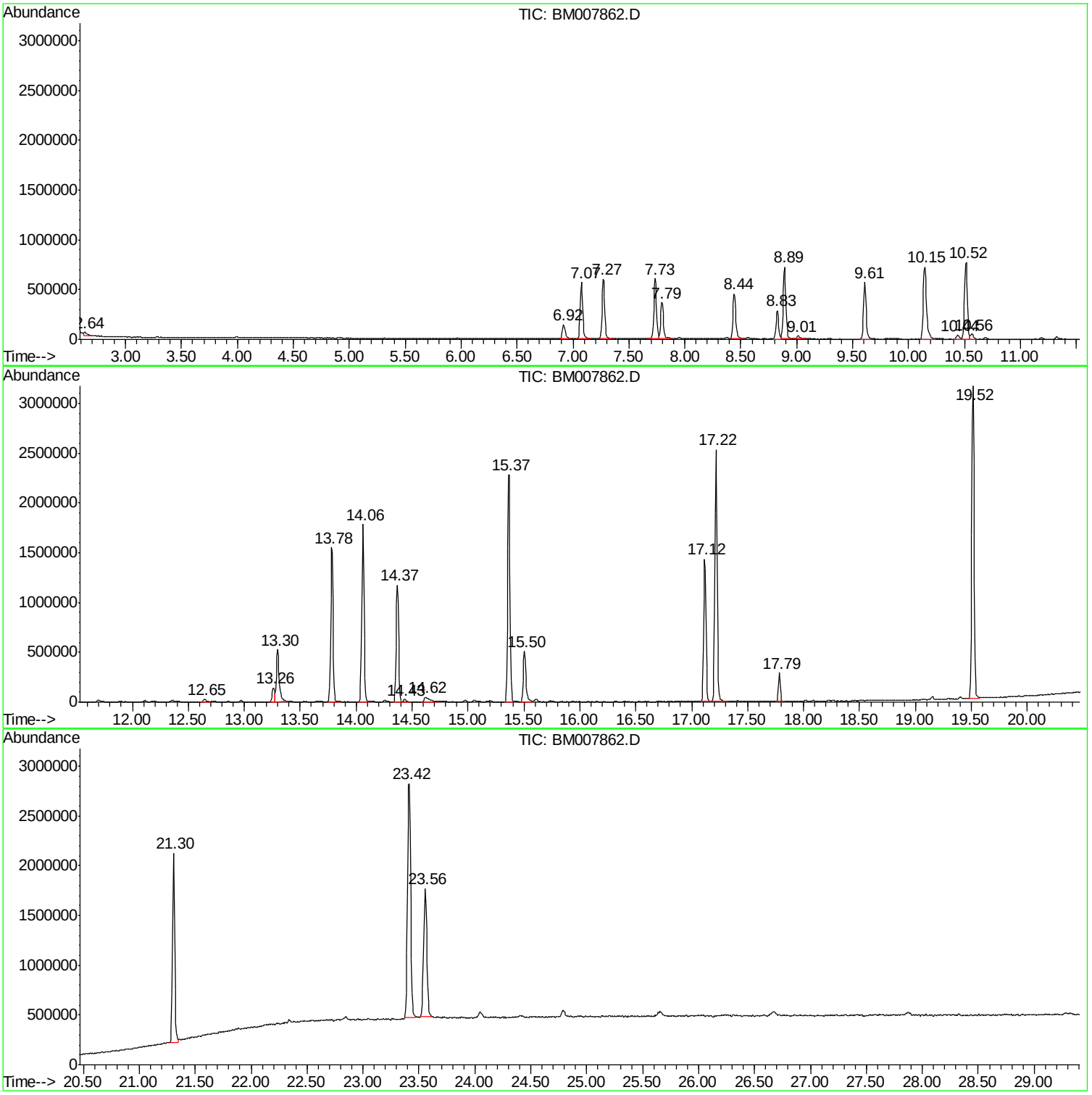
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
Data File : BM007862.D
Acq On : 14 Nov 2016 19:24
Operator : UM/SJ
Sample : H5612-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F2H17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Operator : UM/SJ
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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F2H17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

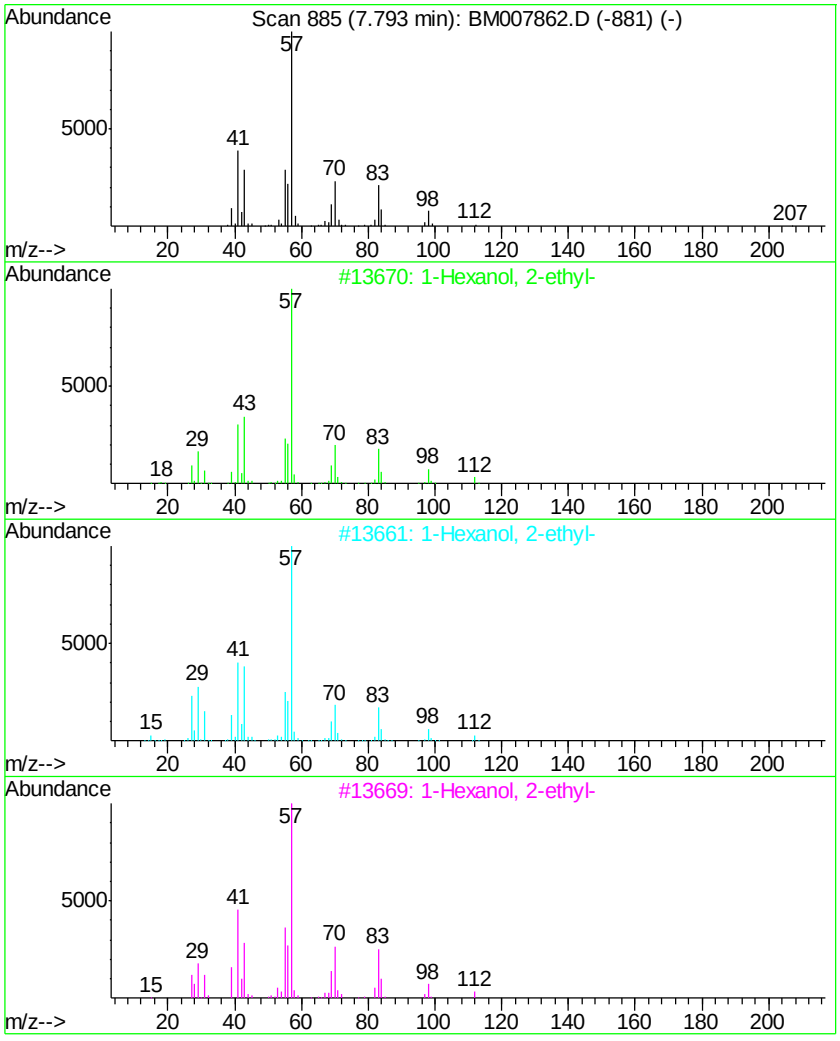
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

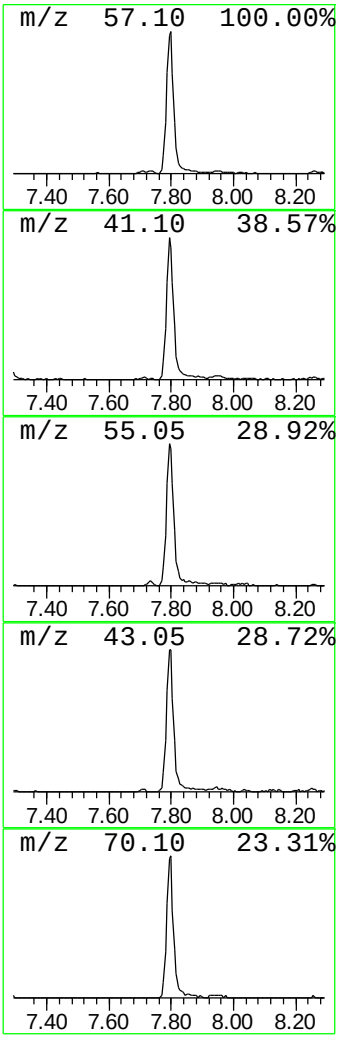
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	11.91 ng/ul	600005	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
Data File : BM007862.D
Acq On : 14 Nov 2016 19:24
Operator : UM/SJ
Sample : H5612-17
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F2H17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

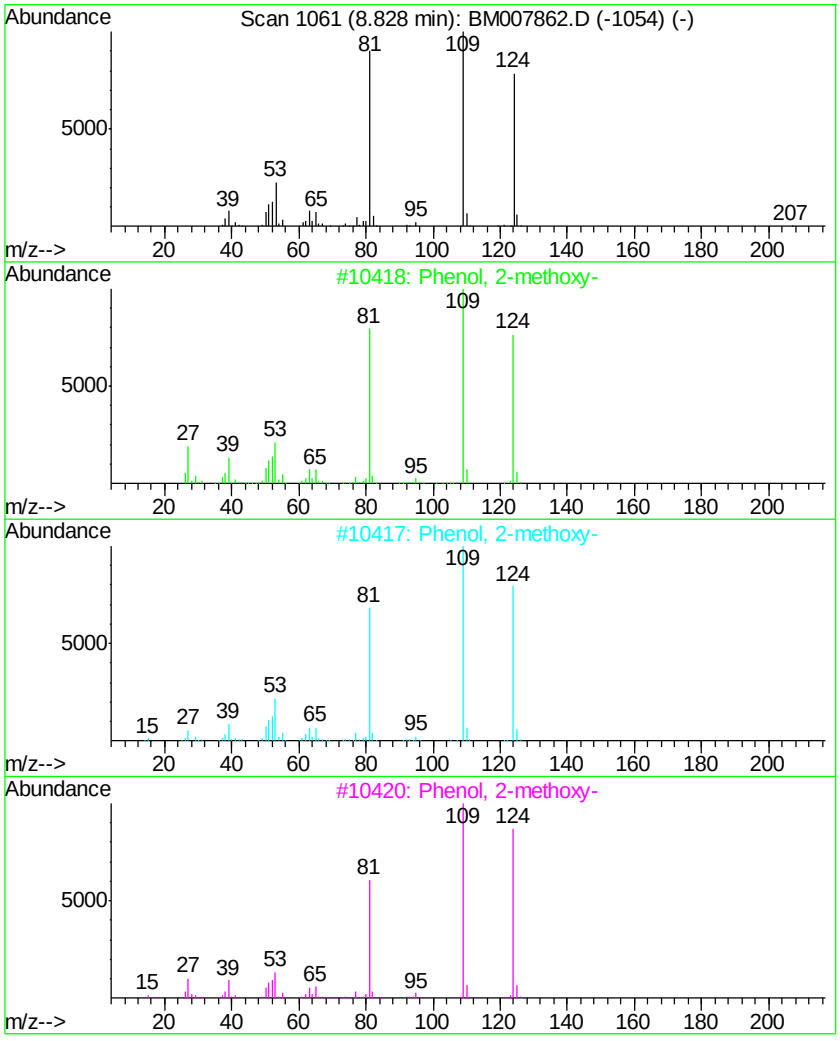
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

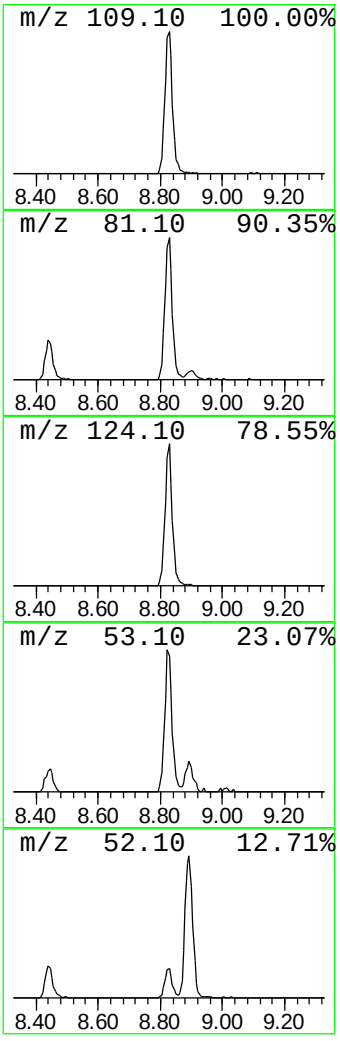
****

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	9.39 ng/ul	473017	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Mequinol	124	C7H8O2	000150-76-5	91
5	Mequinol	124	C7H8O2	000150-76-5	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
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Instrument : BNA_M
ClientSampleId : F2H17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

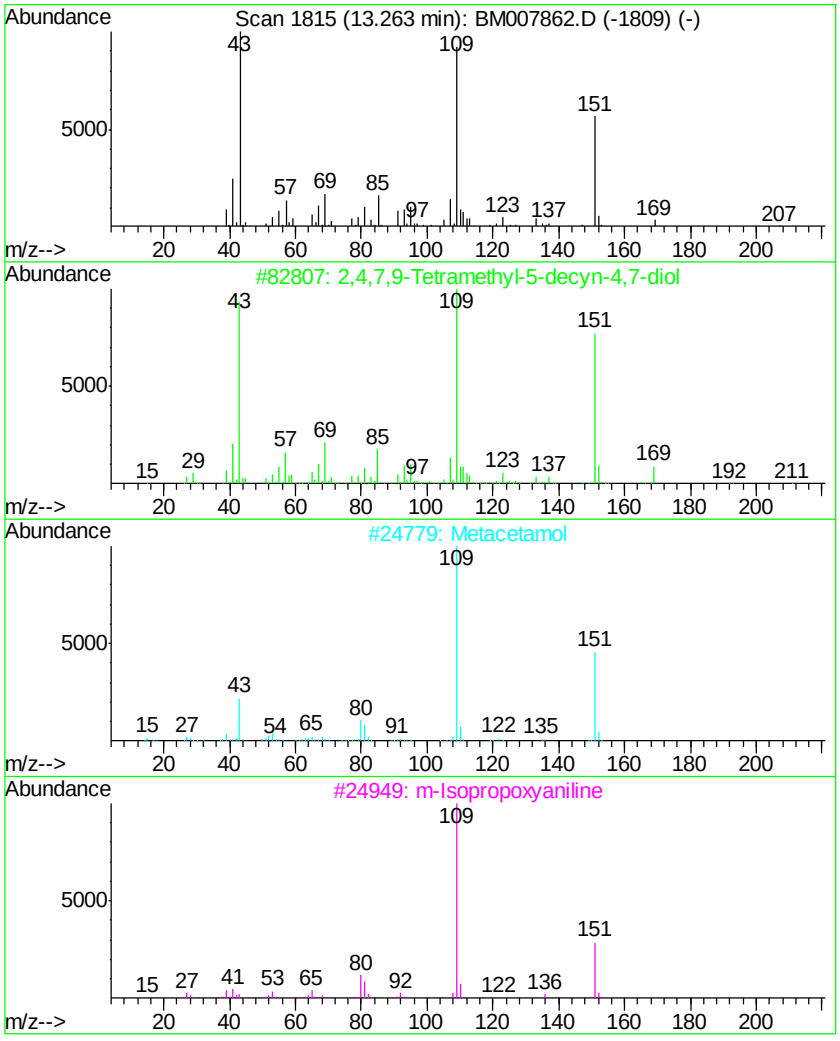
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

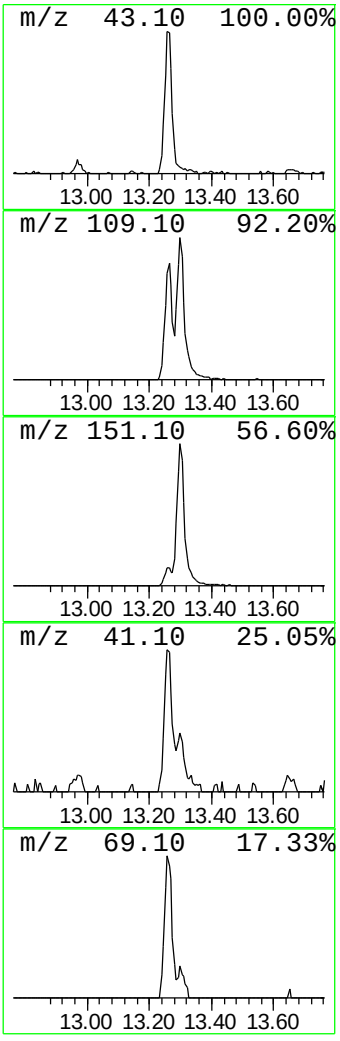
****

Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.54 ng/ul	222273	Acenaphthene-d10	14.37

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	Metacetamol	151	C8H9NO2	000621-42-1	59
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59
4	Metacetamol	151	C8H9NO2	000621-42-1	59
5	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	56





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : F2H17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

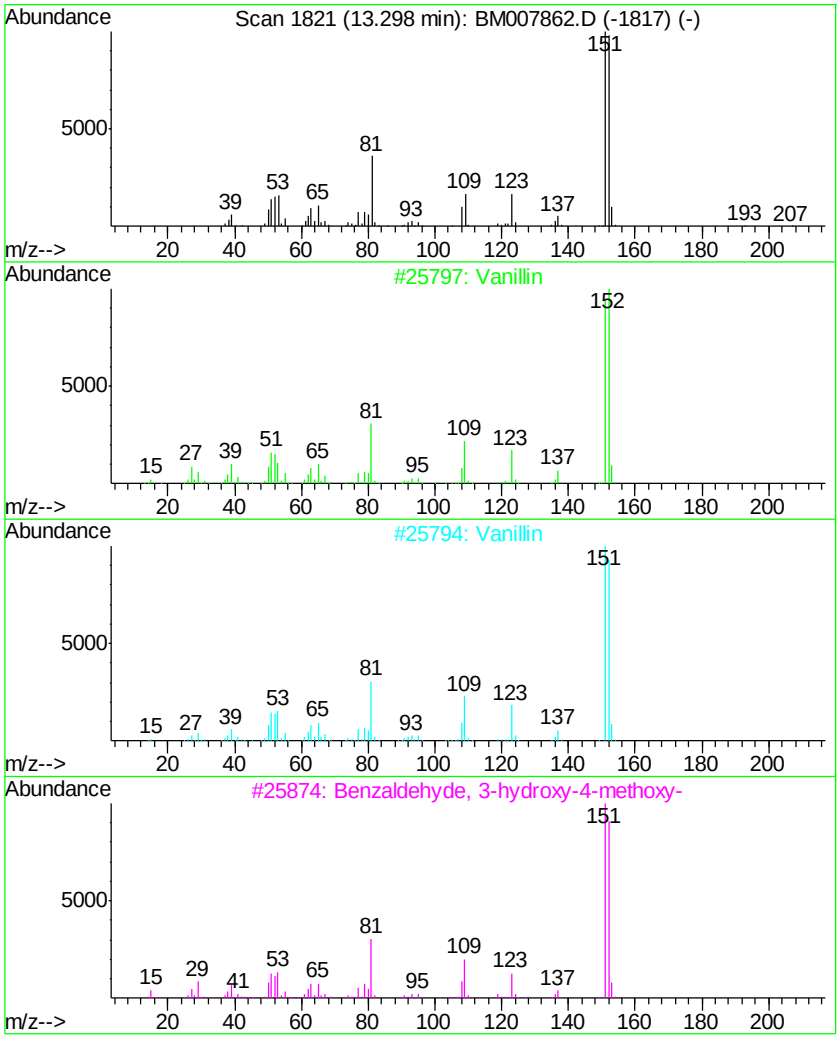
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

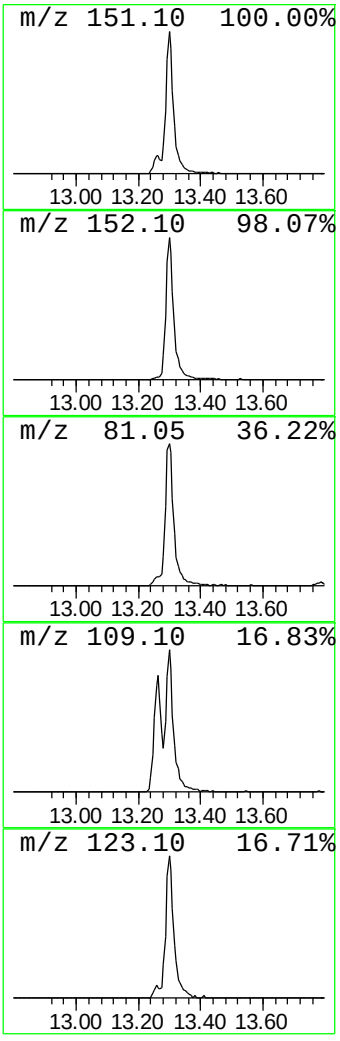
****

Peak Number 4 Vanillin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	10.56 ng/ul	923825	Acenaphthene-d10	14.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Vanillin	152	C8H8O3	000121-33-5	97
3	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	95
5	Vanillin	152	C8H8O3	000121-33-5	95





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Misc :
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Instrument : BNA_M
ClientSampleId : F2H17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

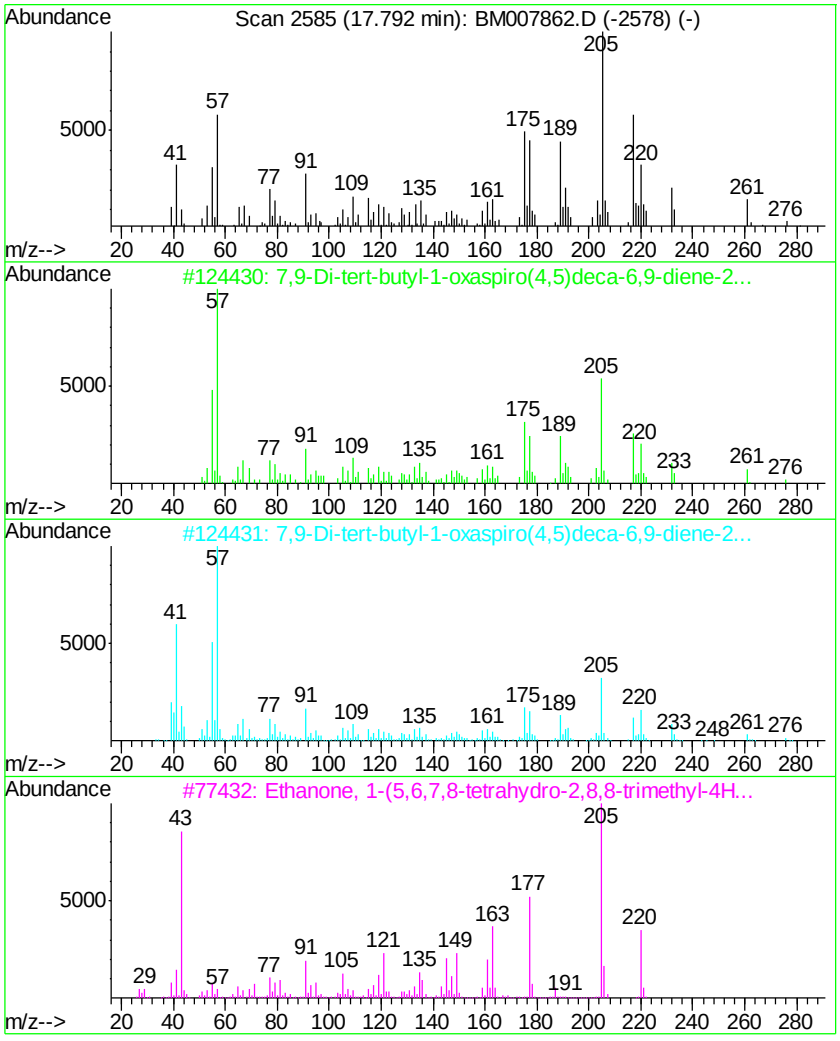
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

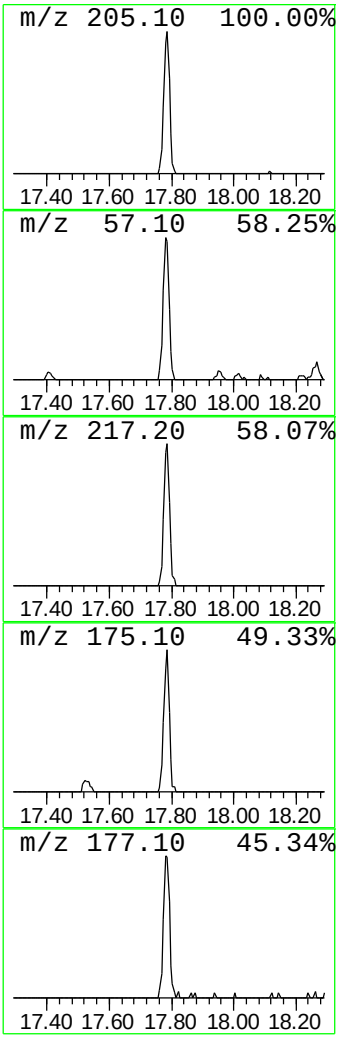
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	3.55 ng/ul	364027	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
4	9-Acetylphenanthrene	220	C16H12O	002039-77-2	49
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	42





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-ethyl-	7.79	11.9	ng/ul	600005	1	7.73	1007770	20.0
Phenol, 2-methoxy-	8.83	9.4	ng/ul	473017	1	7.73	1007770	20.0
2,4,7,9-Tetrameth...	13.26	2.5	ng/ul	222273	3	14.37	1749120	20.0
Vanillin	13.30	10.6	ng/ul	923825	3	14.37	1749120	20.0
7,9-Di-tert-butyl...	17.79	3.5	ng/ul	364027	4	17.12	2048590	20.0