LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
Data File : BM007863.D
Acq On : 14 Nov 2016 20:00
Operator : UM/SJ
Sample : H5623-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD4Q2

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	4.346	294	299	308	rBV	72147	107442	2.21%	0.249%
2	5.810	543	548	556	rBV	122554	199688	4.11%	0.463%
3	6.916	729	736	750	rVB2	164176	345557	7.11%	0.801%
4	7.075	757	763	776	rVB	588621	927341	19.07%	2.149%
5	7.269	789	796	805	rBV	641796	1062414	21.85%	2.462%
6	7.734	865	875	881	rBV	656062	1070213	22.01%	2.480%
7	7.798	881	886	893	rVB	207040	328256	6.75%	0.761%
8	8.439	989	995	1008	rBV	447058	773876	15.92%	1.793%
9	8.828	1055	1061	1066	rBV	78828	136472	2.81%	0.316%
10	8.892	1066	1072	1080	rVV	718793	1221845	25.13%	2.832%
11	9.610	1186	1194	1211	rBV	574155	1053400	21.67%	2.441%
12	10.145	1278	1285	1306	rBV	708613	1460368	30.04%	3.384%
13	10.451	1331	1337	1341	rBV2	25799	51906	1.07%	0.120%
14	10.510	1341	1347	1355	rVB	815552	1412482	29.05%	3.273%
15	11.822	1565	1570	1584	rBV	87953	187270	3.85%	0.434%
16	13.316	1819	1824	1837	rBV3	43332	113481	2.33%	0.263%
17	13.780	1897	1903	1919	rBV	1495688	2252695	46.33%	5.220%
18	14.063	1943	1951	1964	rBV	1721525	2561063	52.68%	5.935%
19	14.368	1996	2003	2011	rBV	1258545	1828031	37.60%	4.236%
20	14.621	2041	2046	2058	rBV4	43154	125878	2.59%	0.292%
21	15.368	2165	2173	2186	rBV	2306413	3426169	70.47%	7.940%
22	15.504	2190	2196	2210	rVV	557286	898772	18.49%	2.083%
23	17.115	2464	2470	2478	rBV2	1468426	2073173	42.64%	4.804%
24	17.215	2481	2487	2505	rBV2	2683924	3972429	81.70%	9.206%
25	17.786	2578	2584	2589	rBV	387576	485673	9.99%	1.126%
26	19.515	2872	2878	2885	rBV	3474856	4723450	97.15%	10.946%
27	21.309	3177	3183	3191	rBV	1905620	2765806	56.89%	6.410%
28	23.415	3534	3541	3550	rBV2	2594914	4861952	100.00%	11.267%
29	23.556	3559	3565	3578	rVB2	1353893	2723978	56.03%	6.313%

Sum of corrected areas: 43151080

LSC Report - Integrated Chromatogram

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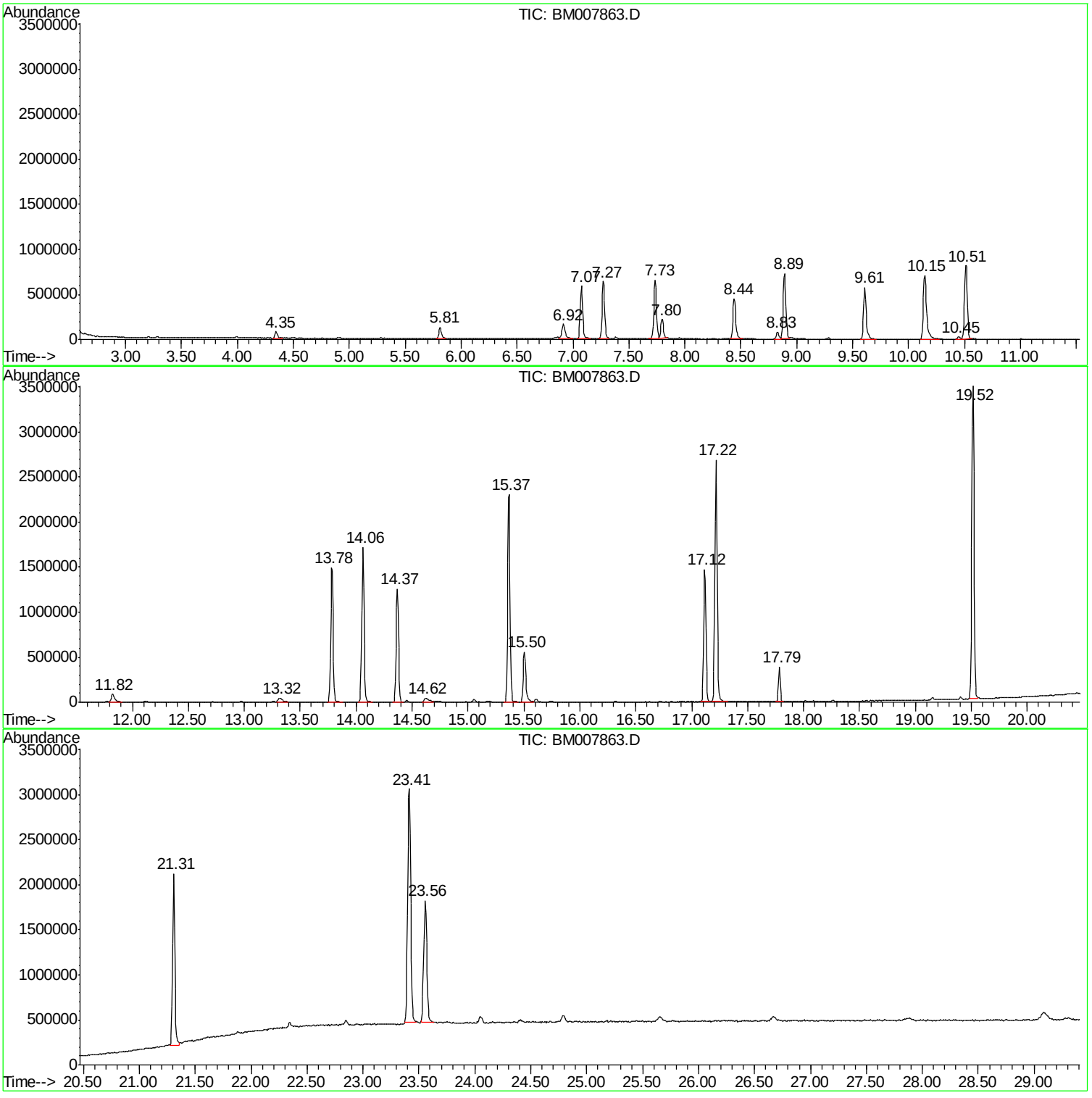
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD4Q2

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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TIC Library : C:\DATABASE\NIST11.L
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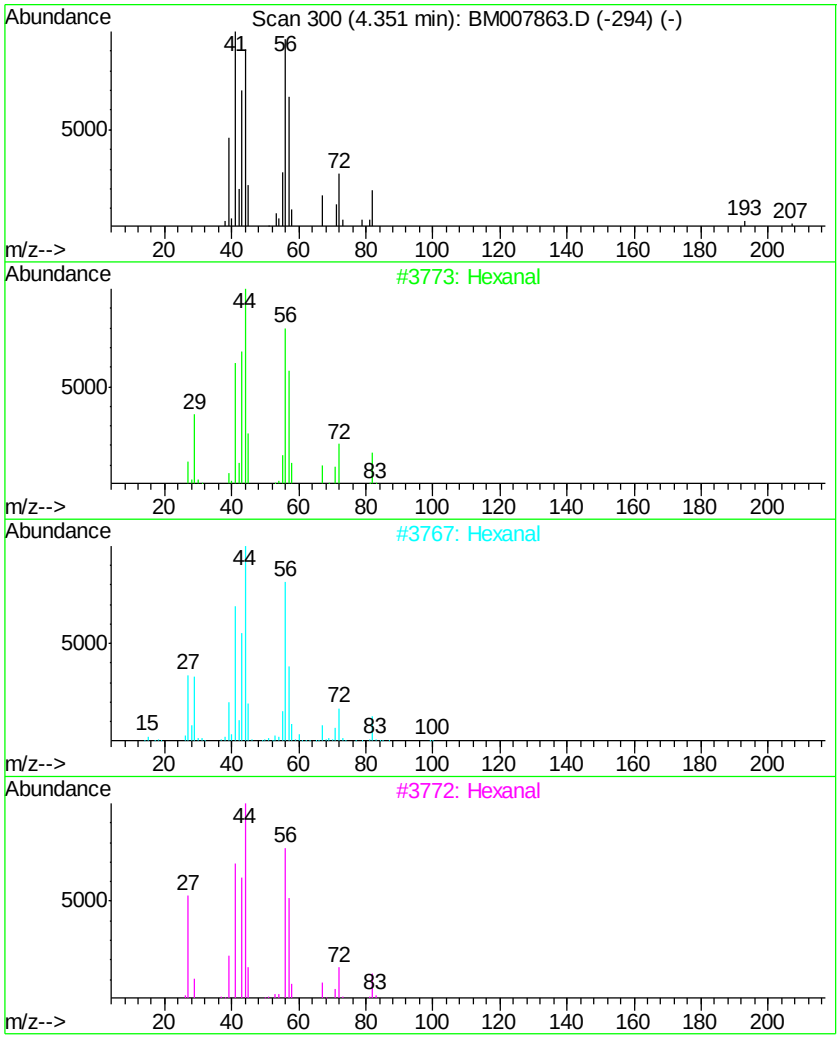
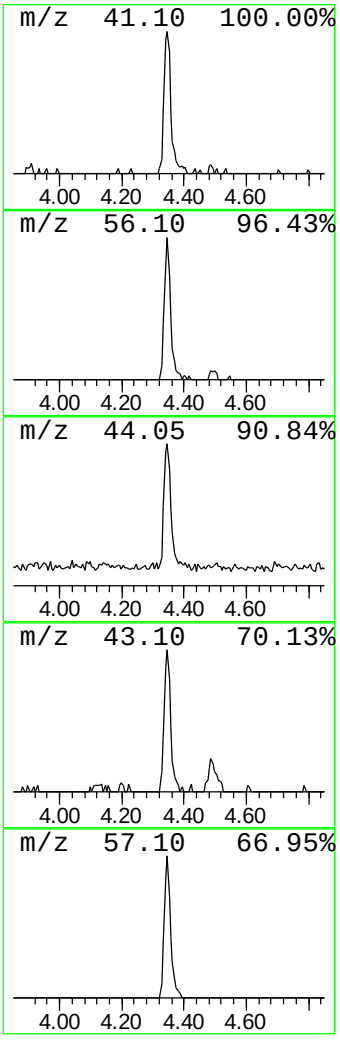
****

Peak Number 1 Hexanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	2.01 ng/ul	107442	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	59
2	Hexanal	100	C6H12O	000066-25-1	59
3	Hexanal	100	C6H12O	000066-25-1	53
4	Hexanal	100	C6H12O	000066-25-1	42
5	Butanal, 3-methyl-	86	C5H10O	000590-86-3	32





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Sample : H5623-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD4Q2

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

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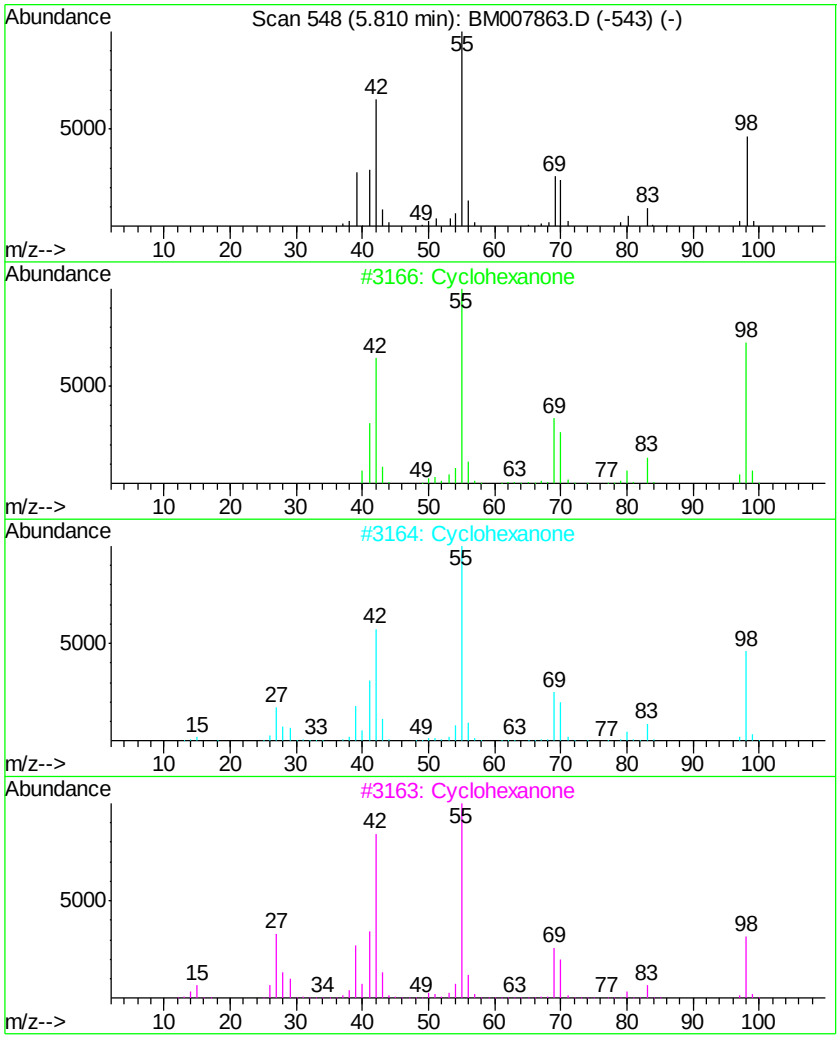
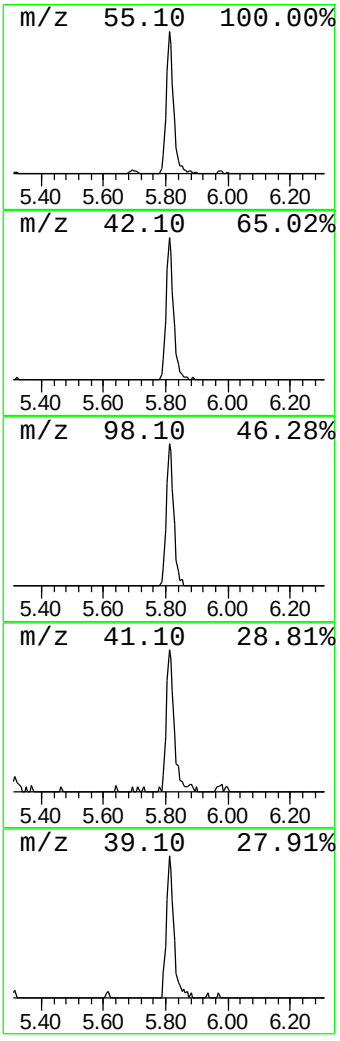
Peak Number 2 Cyclohexanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.81	3.73 ng/ul	199688	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	95
2	Cyclohexanone	98	C6H10O	000108-94-1	91
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclohexanone	98	C6H10O	000108-94-1	91
5	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	87





Library Search Compound Report

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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD4Q2

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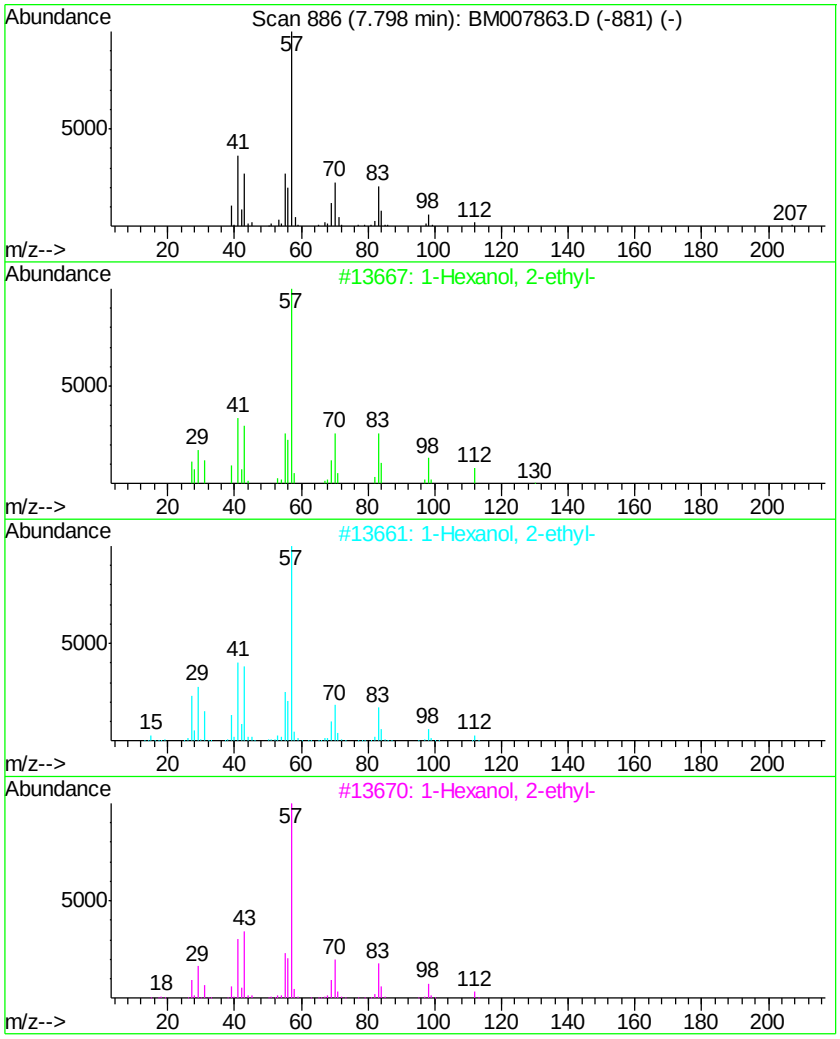
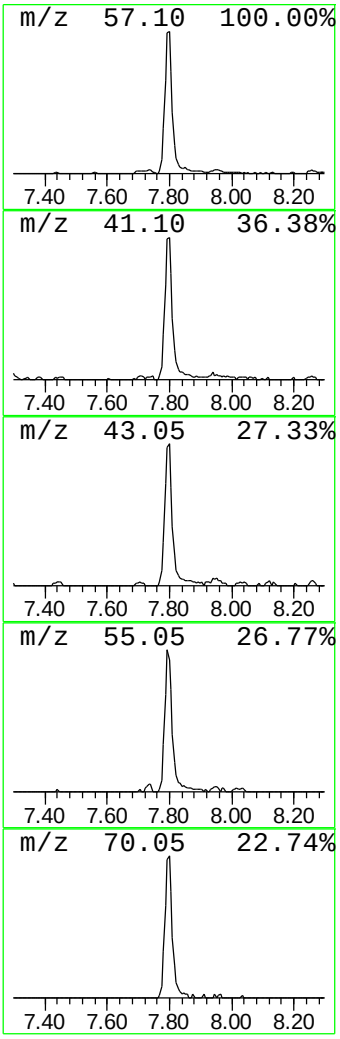
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	6.13 ng/ul	328256	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	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BD4Q2

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

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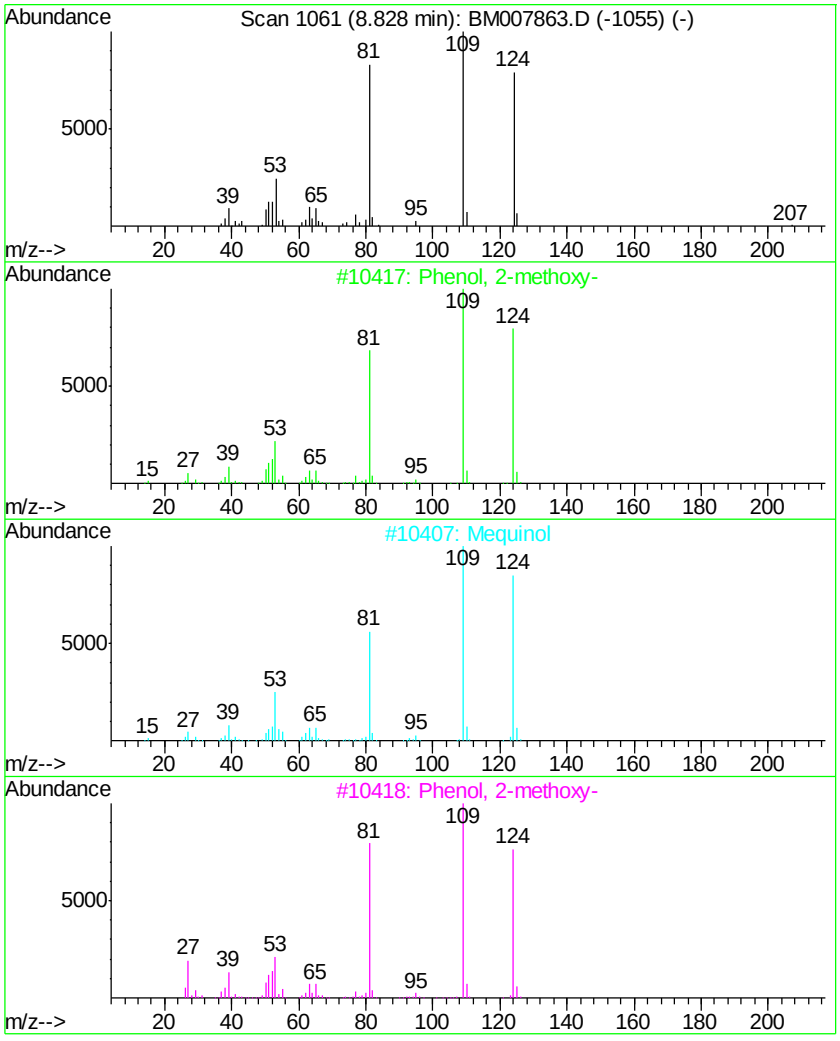
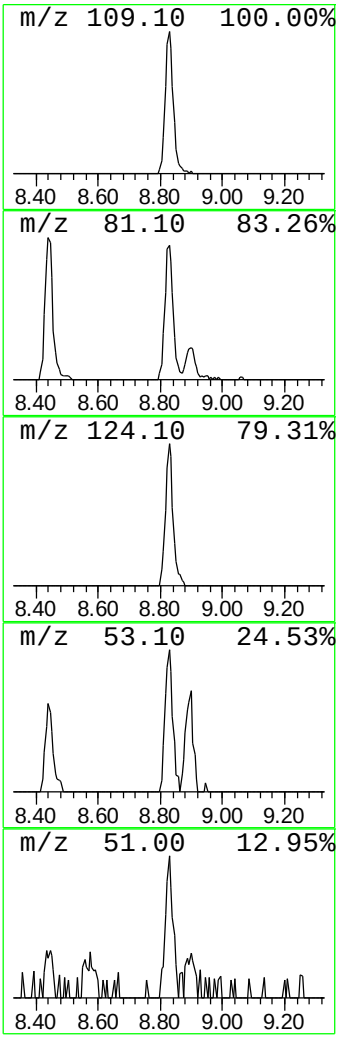
Peak Number 4 Phenol, 2-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	2.55 ng/ul	136472	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
2	Mequinol	124	C7H8O2	000150-76-5	93
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	93
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
5	Mequinol	124	C7H8O2	000150-76-5	91





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Sample : H5623-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD4Q2

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

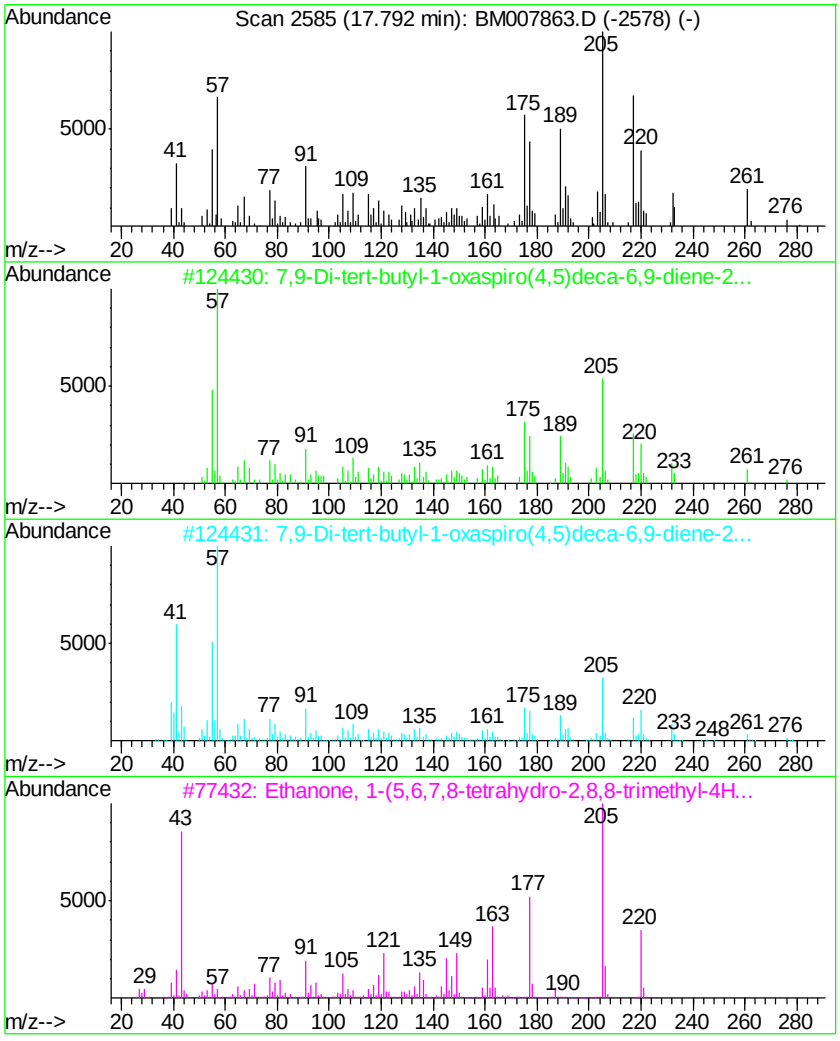
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

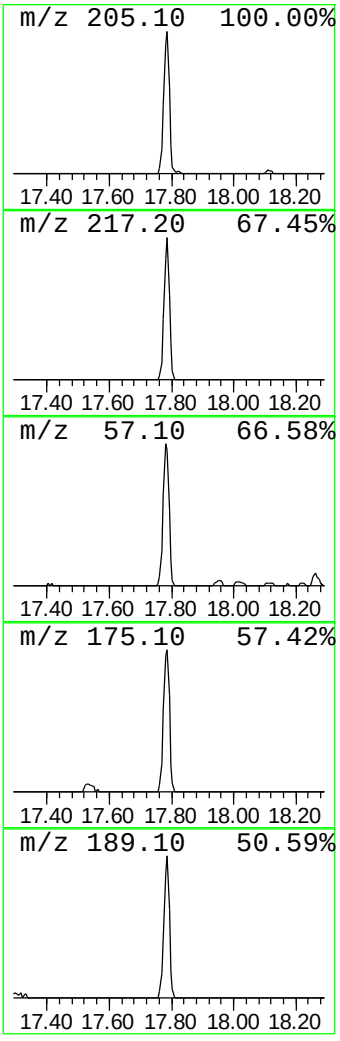
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	4.69 ng/ul	485673	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	94
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	55
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	41
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	38
5	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	38





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanal	4.35	2.0	ng/ul	107442	1	7.73	1070210	20.0
Cyclohexanone	5.81	3.7	ng/ul	199688	1	7.73	1070210	20.0
1-Hexanol, 2-ethyl-	7.80	6.1	ng/ul	328256	1	7.73	1070210	20.0
Phenol, 2-methoxy-	8.83	2.5	ng/ul	136472	1	7.73	1070210	20.0
7,9-Di-tert-butyl...	17.79	4.7	ng/ul	485673	4	17.12	2073170	20.0