LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM111416\
Data File : BM007857.D
Acq On : 14 Nov 2016 16:27
Operator : UM/SJ
Sample : H5594-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDQN8

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	4.345	295	299	309	rVB	71284	106515	2.24%	0.261%
2	5.816	543	549	555	rBV	112230	188221	3.95%	0.461%
3	6.916	729	736	752	rVB2	156726	328334	6.90%	0.804%
4	7.075	757	763	776	rBV	537388	864745	18.16%	2.117%
5	7.269	790	796	810	rBV	579692	991318	20.82%	2.427%
6	7.733	866	875	881	rBV	565340	944021	19.83%	2.311%
7	7.798	881	886	901	rVB	201974	351828	7.39%	0.861%
8	8.439	989	995	1008	rBV	417907	735816	15.46%	1.801%
9	8.828	1056	1061	1066	rBV	77510	130623	2.74%	0.320%
10	8.892	1066	1072	1080	rVV	690141	1121902	23.57%	2.747%
11	9.610	1187	1194	1210	rBV	541611	976150	20.51%	2.390%
12	10.145	1278	1285	1307	rBV	650812	1363009	28.63%	3.337%
13	10.451	1331	1337	1341	rBV3	28169	57554	1.21%	0.141%
14	10.516	1341	1348	1355	rVB	736422	1257687	26.42%	3.079%
15	11.821	1564	1570	1584	rBV	91145	191322	4.02%	0.468%
16	13.315	1819	1824	1840	rVB2	45591	108799	2.29%	0.266%
17	13.786	1897	1904	1919	rBV	1512996	2201743	46.25%	5.390%
18	14.062	1944	1951	1963	rBV	1707875	2516337	52.86%	6.161%
19	14.368	1996	2003	2012	rBV	1137860	1662899	34.93%	4.071%
20	14.621	2041	2046	2066	rBV2	42623	141842	2.98%	0.347%
21	15.368	2166	2173	2183	rBV	2221647	3339095	70.14%	8.175%
22	15.504	2190	2196	2208	rBV	528081	834576	17.53%	2.043%
23	17.115	2464	2470	2480	rBV2	1325743	1918519	40.30%	4.697%
24	17.215	2481	2487	2501	rVV2	2443235	3760722	79.00%	9.207%
25	17.786	2579	2584	2590	rBV2	367696	453204	9.52%	1.110%
26	19.515	2872	2878	2887	rBV	3323222	4509507	94.73%	11.040%
27	21.309	3178	3183	3191	rBV	1876298	2550269	53.57%	6.244%
28	23.415	3534	3541	3550	rBV2	2549201	4760536	100.00%	11.655%
29	23.556	3559	3565	3575	rVB	1262062	2478192	52.06%	6.067%

Sum of corrected areas: 40845285

LSC Report - Integrated Chromatogram

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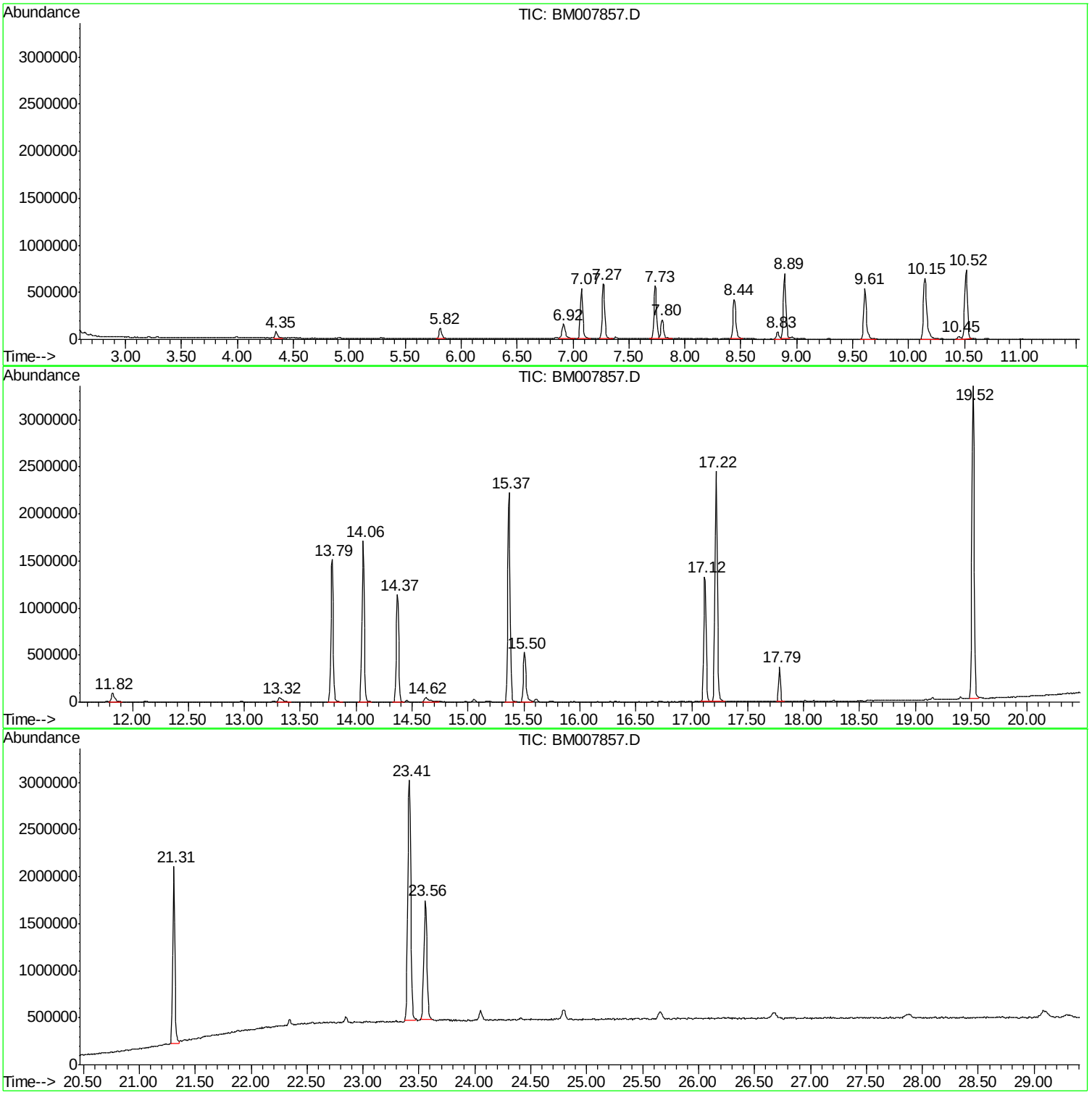
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDQN8

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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Quant Title : SVOA CALIBRATION

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

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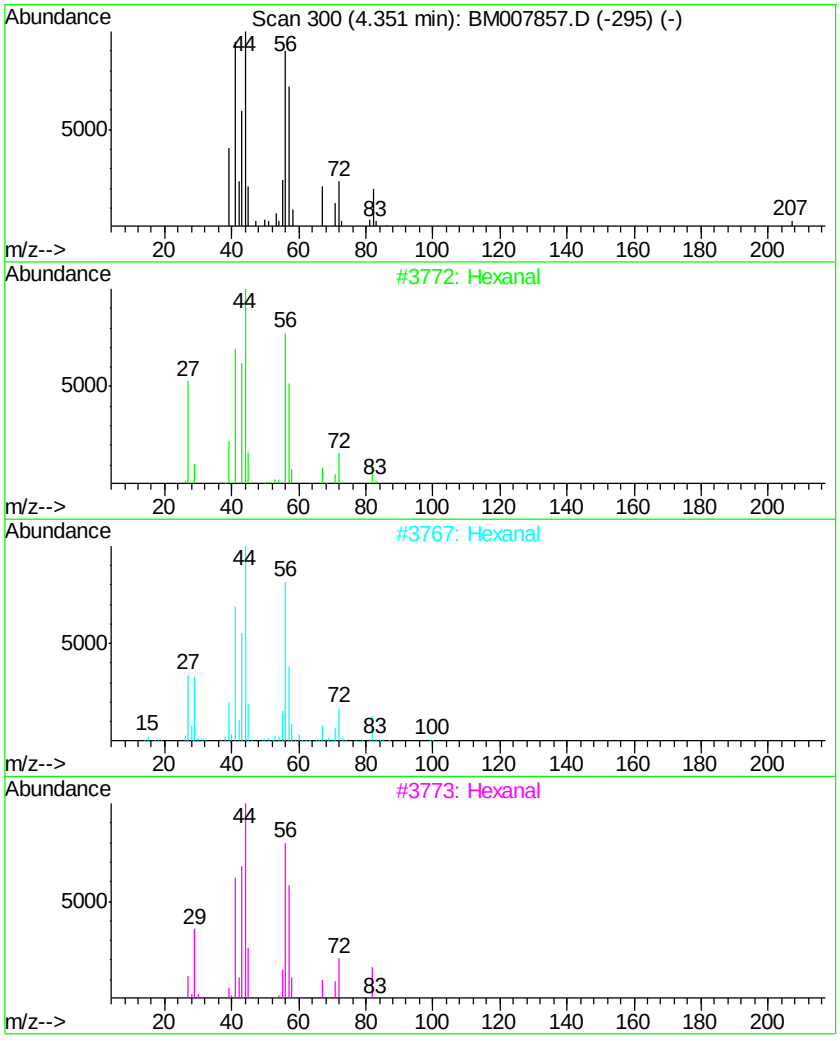
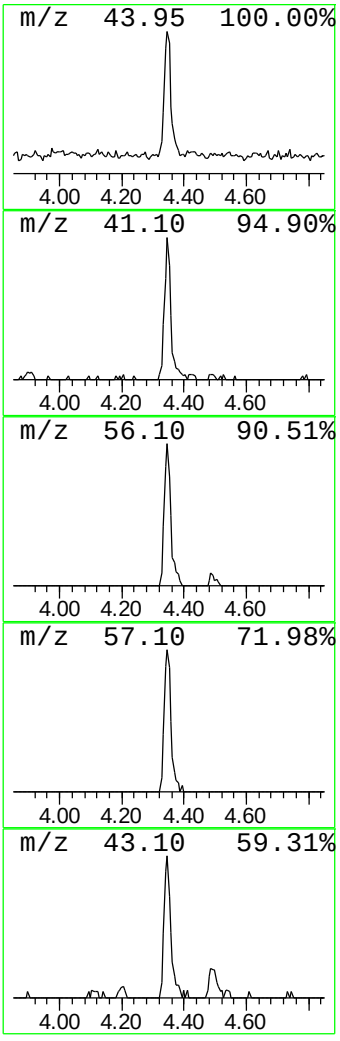
Peak Number 1 Hexanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	2.26 ng/ul	106515	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	50
2	Hexanal	100	C6H12O	000066-25-1	42
3	Hexanal	100	C6H12O	000066-25-1	38
4	2-Hexen-1-ol, (E)-	100	C6H12O	000928-95-0	27
5	Butanal	72	C4H8O	000123-72-8	27





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Acq On : 14 Nov 2016 16:27
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Sample : H5594-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDQN8

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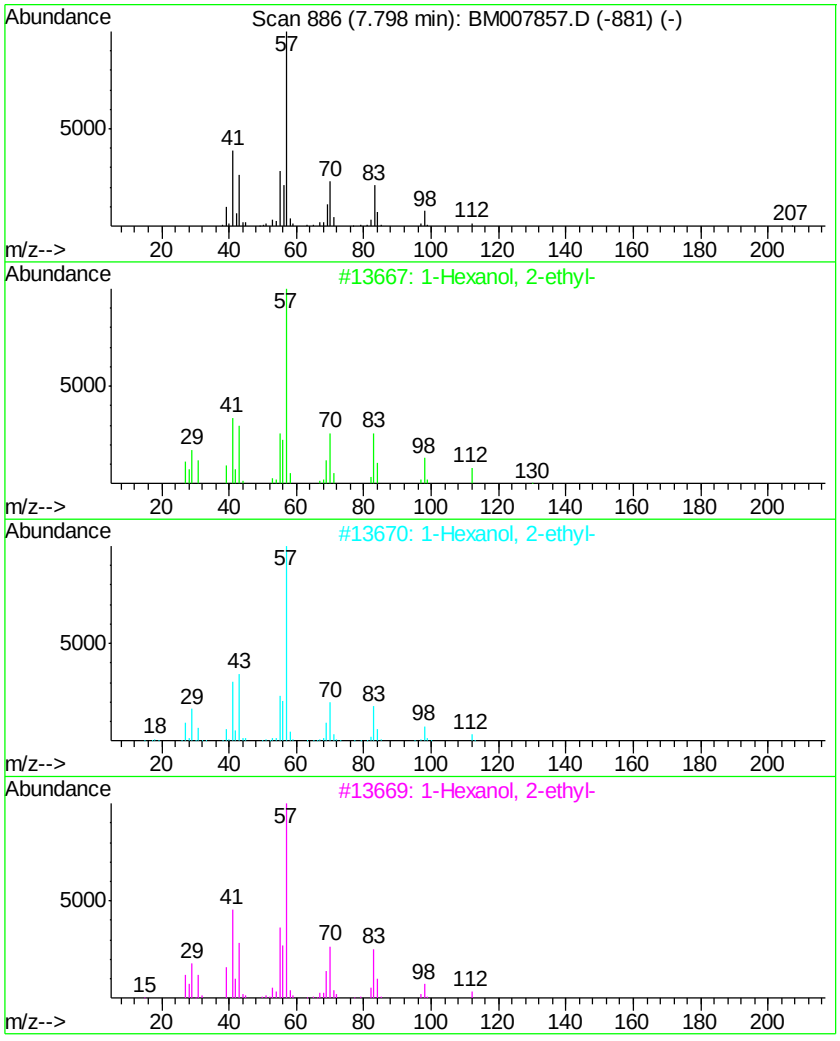
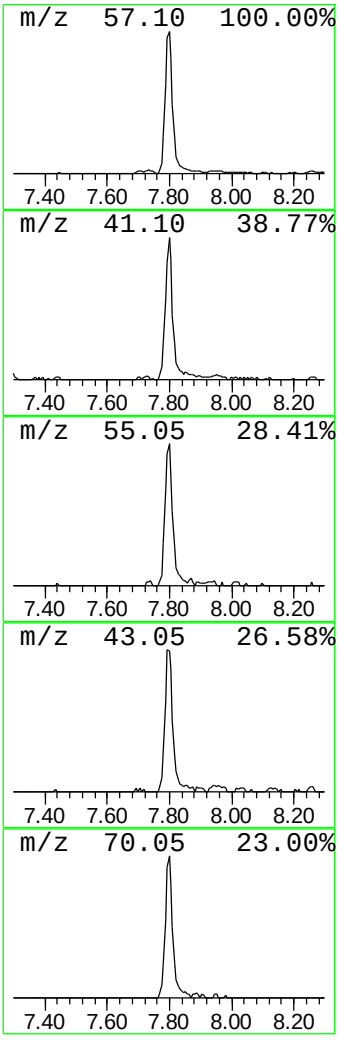
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	7.45 ng/ul	351828	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	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50





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Operator : UM/SJ
Sample : H5594-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDQN8

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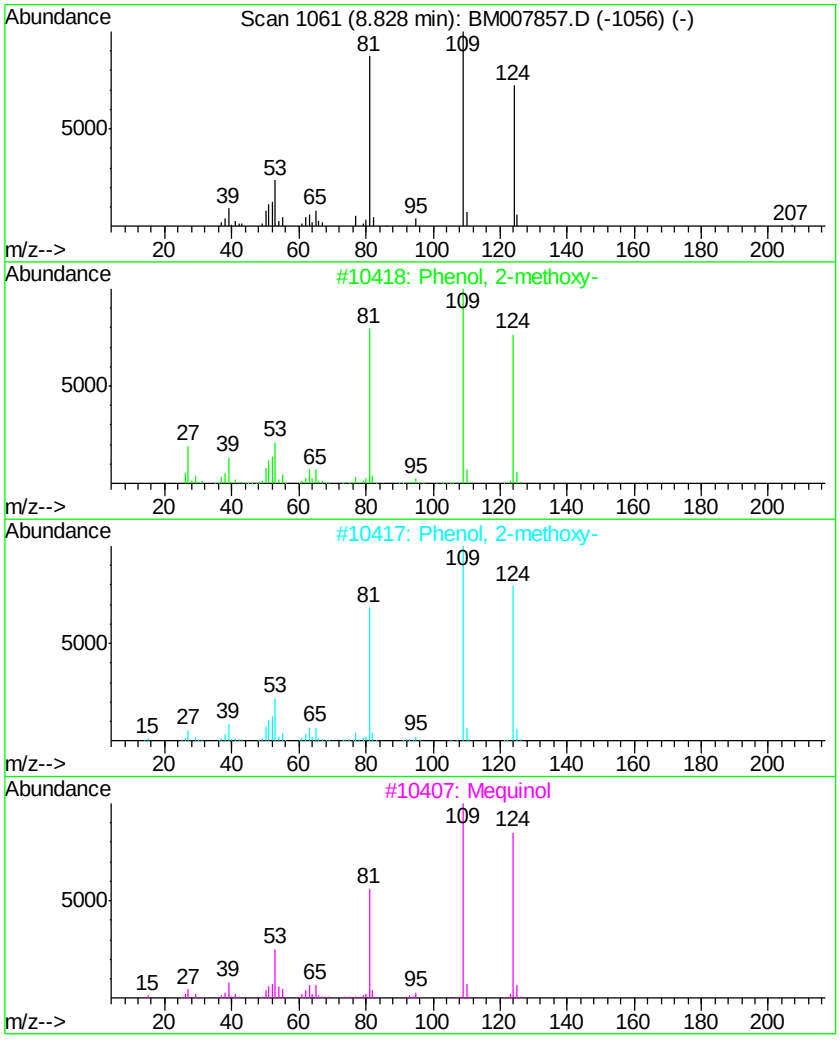
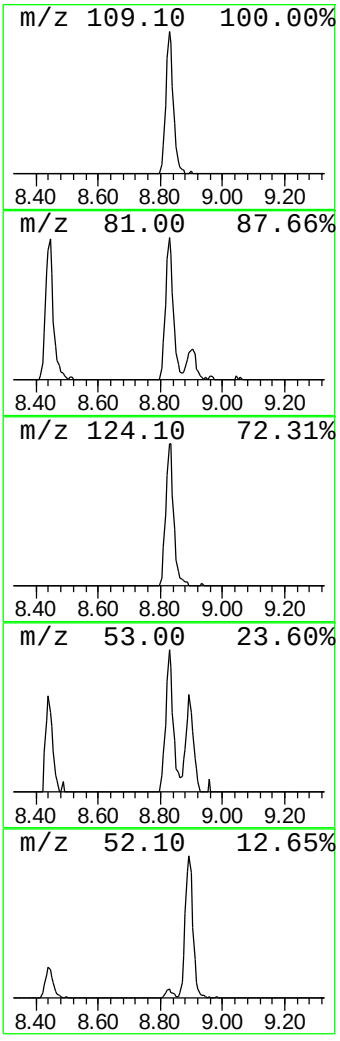
Peak Number 4 Phenol, 2-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	2.77 ng/ul	130623	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	Mequinol	124	C7H8O2	000150-76-5	91
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
5	Mequinol	124	C7H8O2	000150-76-5	90





Library Search Compound Report

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Sample : H5594-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDQN8

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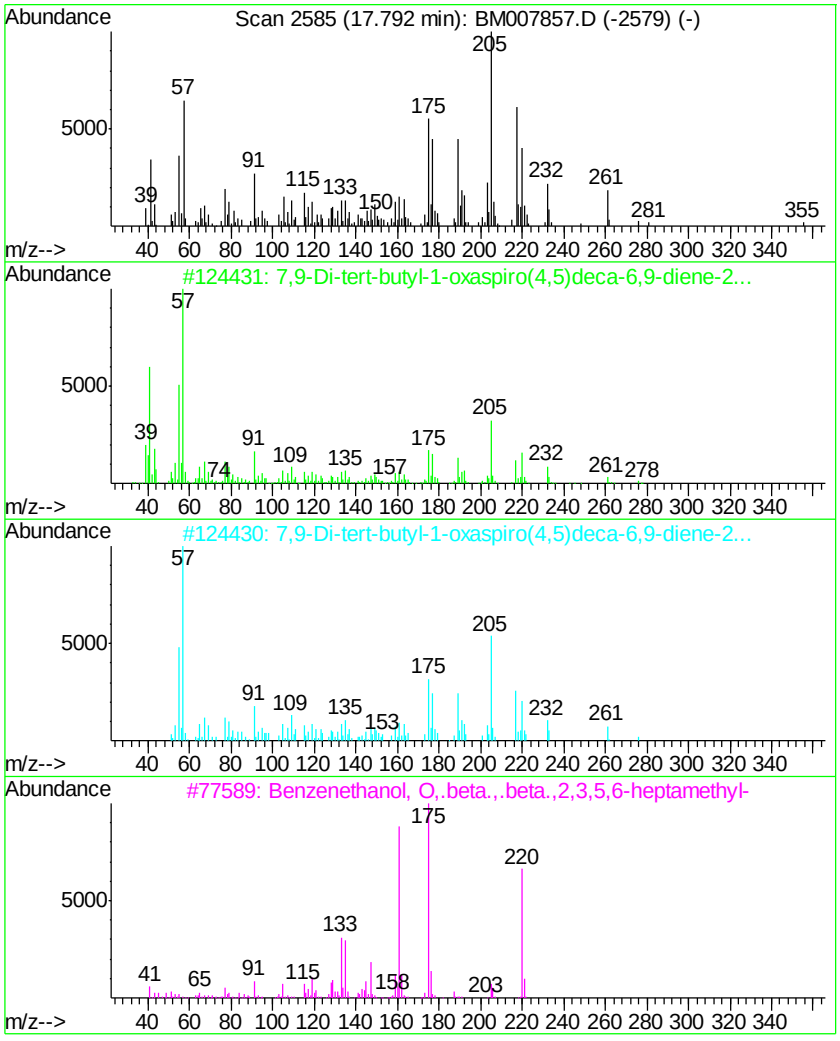
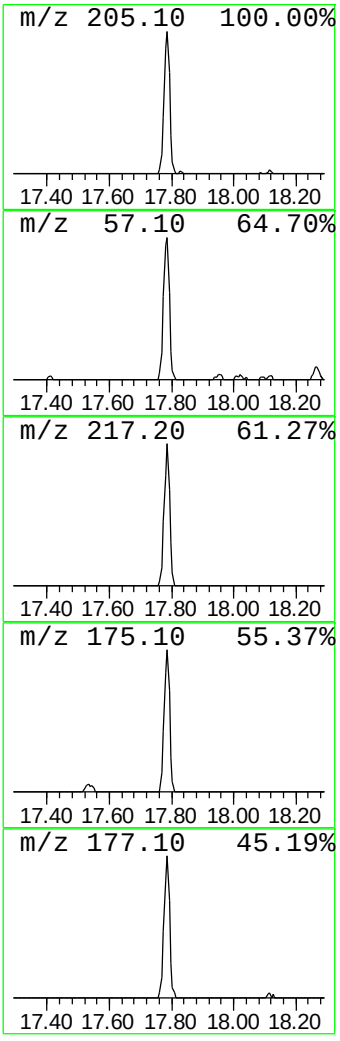
Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	4.72 ng/ul	453204	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	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
3	Benzenethanol, O,.beta.,.beta.,2...	220	C15H24O	1000128-94-8	42
4	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	41
5	2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	38





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDQN8

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanal	4.35	2.3	ng/ul	106515	1	7.73	944021	20.0
1-Hexanol, 2-ethyl-	7.80	7.5	ng/ul	351828	1	7.73	944021	20.0
Phenol, 2-methoxy-	8.83	2.8	ng/ul	130623	1	7.73	944021	20.0
7,9-Di-tert-butyl...	17.79	4.7	ng/ul	453204	4	17.12	1918520	20.0