LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013012.D
Acq On : 17 Nov 2017 22:37
Operator : SJ/JU
Sample : I6431-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0FR7

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	3.251	21	28	37	rVB	48181	71009	1.78%	0.179%
2	4.287	199	204	209	rBV	49602	69175	1.74%	0.174%
3	6.887	640	646	653	rVB2	153101	254202	6.38%	0.639%
4	7.057	668	675	688	rBV	580482	883710	22.17%	2.223%
5	7.251	700	708	719	rBV	655122	1005319	25.22%	2.529%
6	7.716	780	787	794	rBV	640629	1009892	25.34%	2.540%
7	7.786	794	799	806	rVB2	121045	189145	4.75%	0.476%
8	8.416	898	906	915	rBV	470919	754994	18.94%	1.899%
9	8.533	919	926	931	rVV2	38559	63993	1.61%	0.161%
10	8.810	968	973	977	rBV	80457	128728	3.23%	0.324%
11	8.869	977	983	993	rVB	752630	1250392	31.37%	3.145%
12	9.586	1098	1105	1111	rBV	602548	967571	24.28%	2.434%
13	10.122	1189	1196	1203	rBV	895673	1481119	37.16%	3.726%
14	10.192	1203	1208	1213	rVB2	91663	135369	3.40%	0.341%
15	10.504	1252	1261	1267	rBV	783165	1394840	35.00%	3.509%
16	11.292	1390	1395	1402	rVB4	25954	45991	1.15%	0.116%
17	12.968	1676	1680	1688	rVB4	28329	42559	1.07%	0.107%
18	13.774	1810	1817	1823	rBV	1689916	2324943	58.33%	5.848%
19	14.051	1856	1864	1872	rBV	1878645	2707324	67.93%	6.810%
20	14.357	1909	1916	1924	rBV2	1153976	1734771	43.53%	4.364%
21	14.551	1943	1949	1955	rBV	135354	199743	5.01%	0.502%
22	15.357	2079	2086	2092	rVB	2281038	3311205	83.08%	8.329%
23	15.468	2099	2105	2114	rBV	571407	826785	20.74%	2.080%
24	15.721	2139	2148	2153	rBV	77965	113237	2.84%	0.285%
25	17.104	2374	2383	2391	rVB2	1486570	2072012	51.99%	5.212%
26	17.203	2393	2400	2407	rBV	2534966	3518058	88.27%	8.850%
27	17.786	2493	2499	2504	rBV2	272122	353489	8.87%	0.889%
28	18.086	2543	2550	2556	rVV	28838	43578	1.09%	0.110%
29	19.127	2720	2727	2734	rBV2	24809	50559	1.27%	0.127%
30	19.297	2752	2756	2761	rBV4	54917	67224	1.69%	0.169%
31	19.439	2775	2780	2784	rBV	190912	235821	5.92%	0.593%
32	19.497	2784	2790	2796	rVB	3112024	3985507	100.00%	10.026%
33	21.286	3089	3094	3100	rBV2	1950912	2385455	59.85%	6.001%
34	23.380	3443	3450	3458	rBV	2240966	3883467	97.44%	9.769%

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Title : SVOA CALIBRATION

35	23.521	3467	3474	3481	rVB	1197190	2192131	55.00%	5.514%

Sum of corrected areas: 39753317

LSC Report - Integrated Chromatogram

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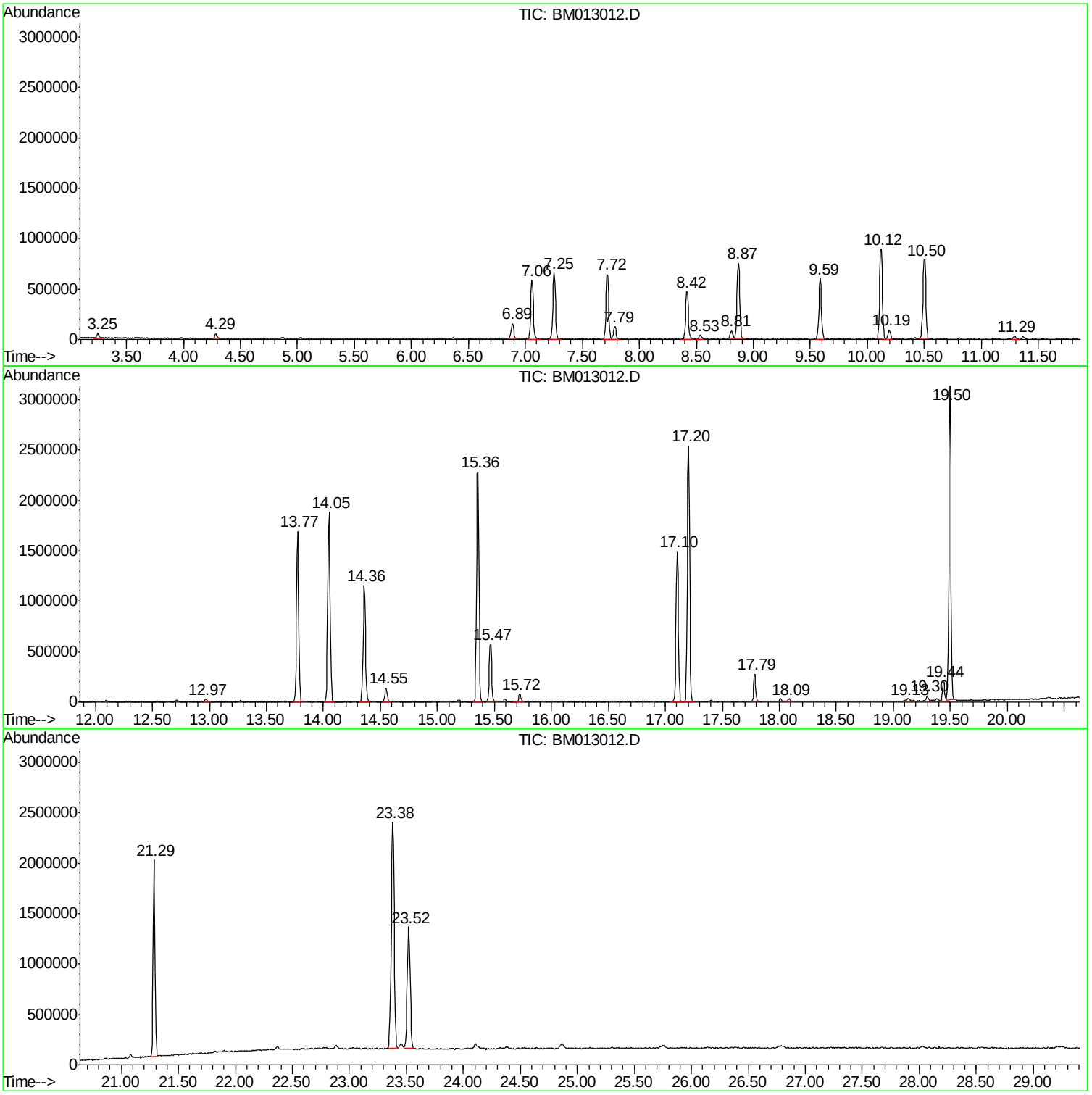
Operator : SJ/JU
Sample : I6431-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0FR7

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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Data File : BM013012.D
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Quant Title : SVOA CALIBRATION

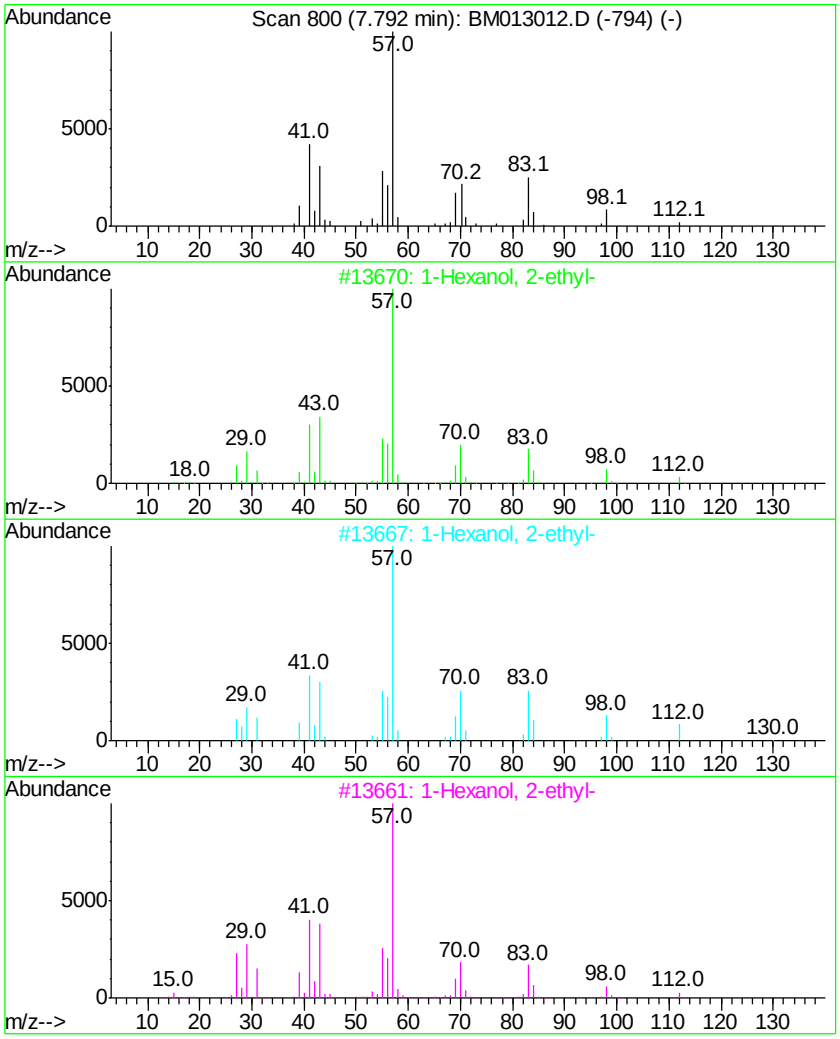
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

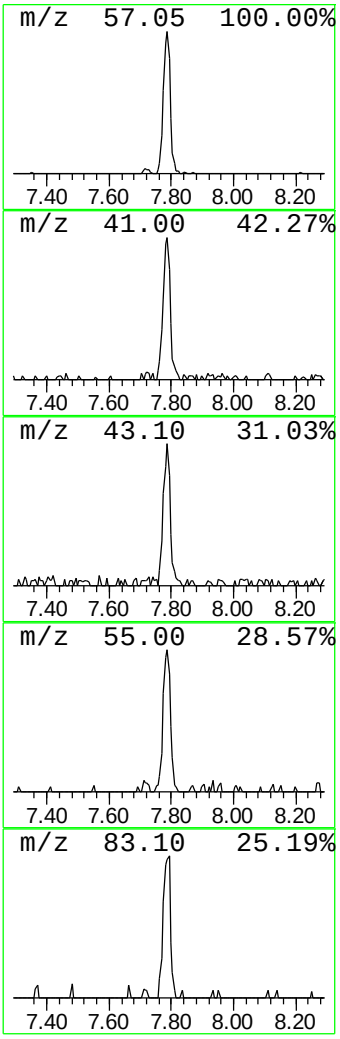
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	3.75 ng/ul	189145	1,4-Dichlorobenzene-d4	7.72

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	64
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	53
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111717\
Data File : BM013012.D
Acq On : 17 Nov 2017 22:37
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Sample : I6431-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0FR7

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

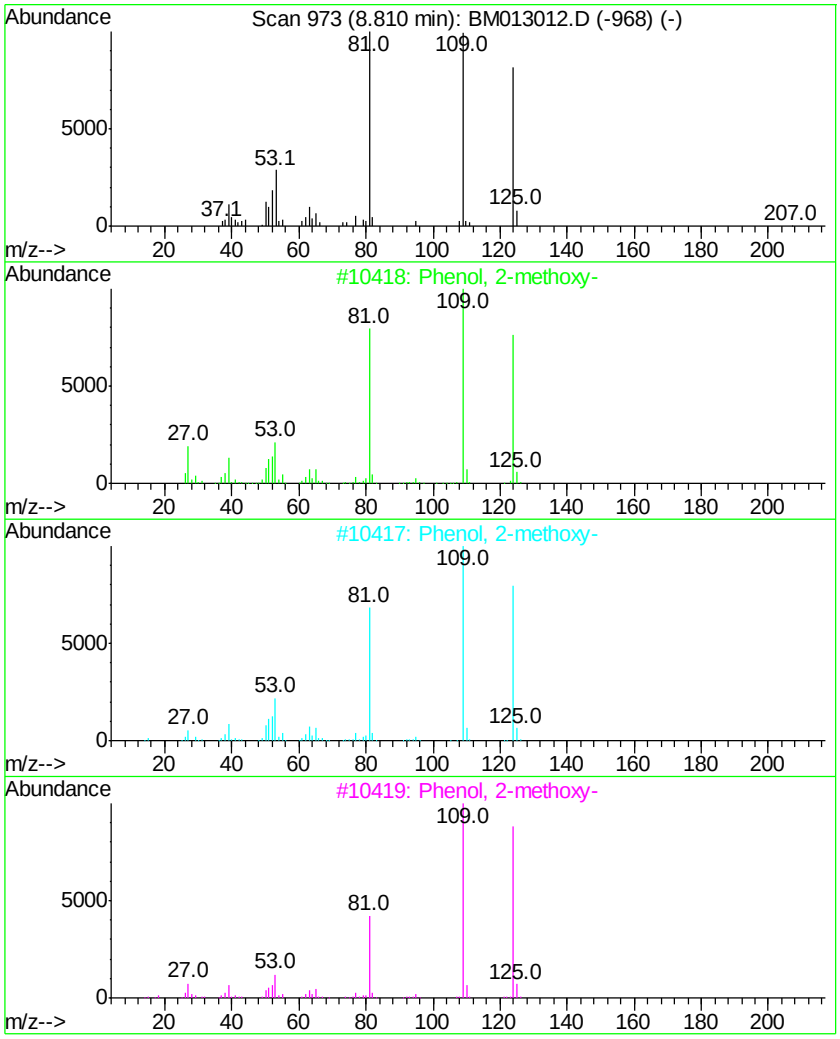
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

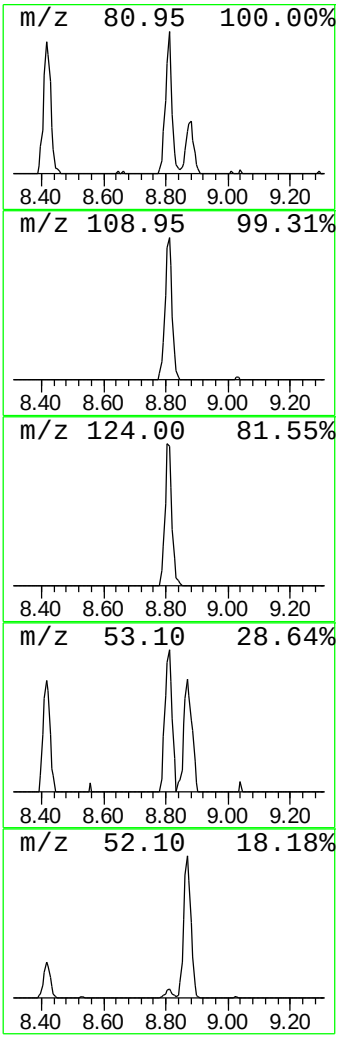
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.81	2.55 ng/ul	128728	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	76
4	Mequinol	124	C7H8O2	000150-76-5	70
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	62





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ClientSampleId : B0FR7

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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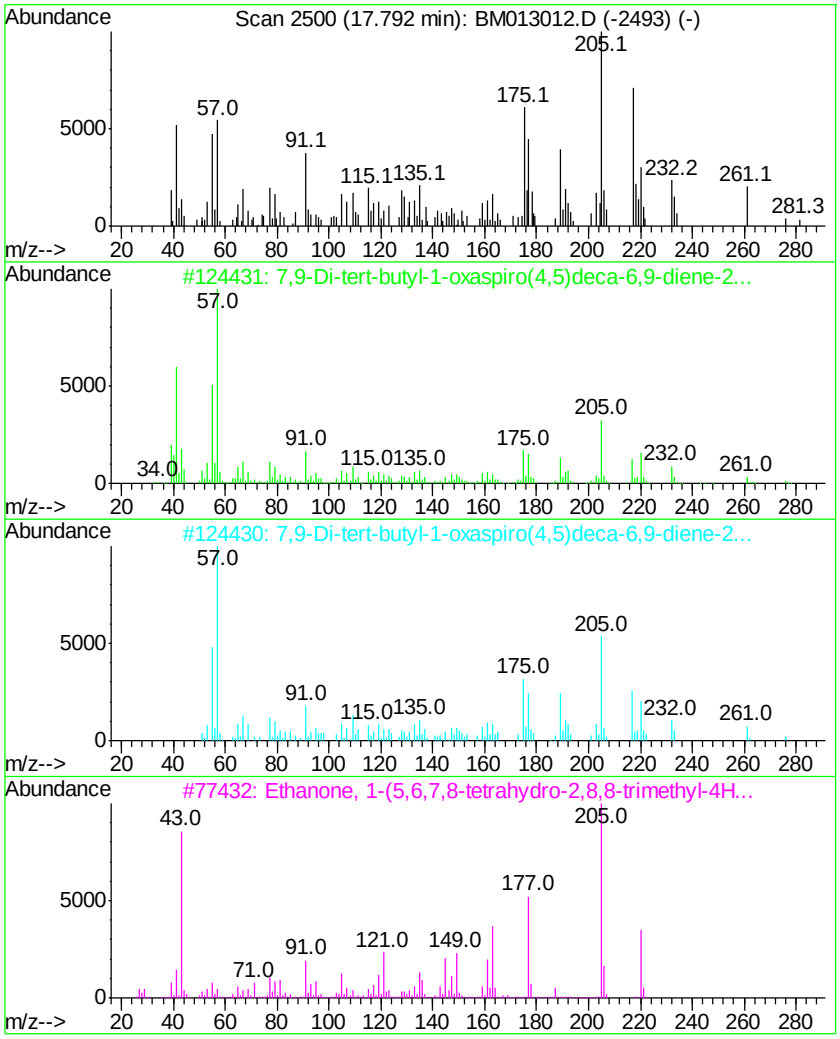
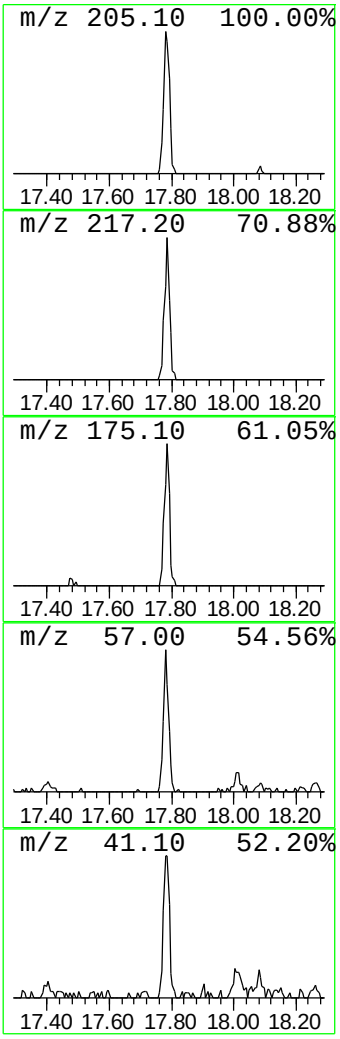
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	3.41 ng/ul	353489	Phenanthrene-d10	17.10

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	94
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46
4	1-Ethyl-2-methylphenanthrene	220	C17H16	061983-53-7	42
5	1-Aminopyrene	217	C16H11N	001606-67-3	35





Tentatively Identified Compound (LSC) summary

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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	3.8	ng/ul	189145	1	7.72	1009890	20.0
Phenol, 2-methoxy-	8.81	2.5	ng/ul	128728	1	7.72	1009890	20.0
7,9-Di-tert-butyl...	17.79	3.4	ng/ul	353489	4	17.10	2072010	20.0