LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012317\
Data File : BM008811.D
Acq On : 23 Jan 2017 20:54
Operator : UM/SJ
Sample : I1315-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDN53

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-BM012317.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	2.910	52	55	60	rVB3	23800	33641	1.02%	0.113%
2	7.087	760	765	773	rVB2	124433	197072	5.95%	0.662%
3	7.269	789	796	808	rBV	355621	545527	16.47%	1.834%
4	7.469	823	830	836	rBV	435910	703426	21.24%	2.365%
5	7.939	903	910	915	rBV	373780	582237	17.58%	1.957%
6	7.992	915	919	926	rVB2	84346	127383	3.85%	0.428%
7	8.634	1021	1028	1038	rVB2	319520	513284	15.50%	1.725%
8	9.034	1089	1096	1101	rBV2	71641	114262	3.45%	0.384%
9	9.104	1101	1108	1114	rBV	607836	993351	30.00%	3.339%
10	9.822	1223	1230	1240	rBV	567209	922398	27.86%	3.101%
11	10.351	1314	1320	1328	rBV	665332	1112103	33.58%	3.738%
12	10.645	1366	1370	1374	rBV2	25230	38786	1.17%	0.130%
13	10.745	1378	1387	1392	rBV	445215	751344	22.69%	2.526%
14	12.004	1596	1601	1609	rBV2	86471	135556	4.09%	0.456%
15	12.927	1751	1758	1766	rVB4	24848	38939	1.18%	0.131%
16	13.174	1795	1800	1805	rVB	52993	79896	2.41%	0.269%
17	13.492	1850	1854	1861	rVB2	50364	68662	2.07%	0.231%
18	13.980	1930	1937	1942	rBV	1330488	1761924	53.21%	5.923%
19	14.268	1979	1986	1996	rVB	1171067	1747775	52.78%	5.875%
20	14.574	2031	2038	2045	rBV	680964	1020634	30.82%	3.431%
21	14.751	2062	2068	2074	rBV2	142626	213318	6.44%	0.717%
22	15.245	2146	2152	2158	rVB3	32411	48146	1.45%	0.162%
23	15.568	2200	2207	2213	rBV	1602839	2256380	68.14%	7.585%
24	15.674	2218	2225	2231	rBV	833928	1113987	33.64%	3.745%
25	17.321	2498	2505	2510	rBV	918162	1312989	39.65%	4.414%
26	17.415	2515	2521	2531	rBV	1890598	2731491	82.49%	9.182%
27	17.974	2611	2616	2622	rBV	676327	828230	25.01%	2.784%
28	18.186	2648	2652	2656	rBV6	31287	39087	1.18%	0.131%
29	19.333	2842	2847	2851	rBV3	24995	40926	1.24%	0.138%
30	19.462	2865	2869	2873	rBV5	38880	48611	1.47%	0.163%
31	19.586	2886	2890	2894	rBV4	20281	33581	1.01%	0.113%
32	19.703	2904	2910	2917	rBV	2442002	3311407	100.00%	11.132%
33	21.486	3207	3213	3221	rBV	1397610	1778317	53.70%	5.978%
34	22.556	3393	3395	3399	rBV5	51785	59003	1.78%	0.198%

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Title : SVOA CALIBRATION

35	23.703	3582	3590	3597	rBV	1531715	3016884	91.11%	10.142%
36	23.850	3609	3615	3626	rVB	749111	1427342	43.10%	4.798%

Sum of corrected areas: 29747899

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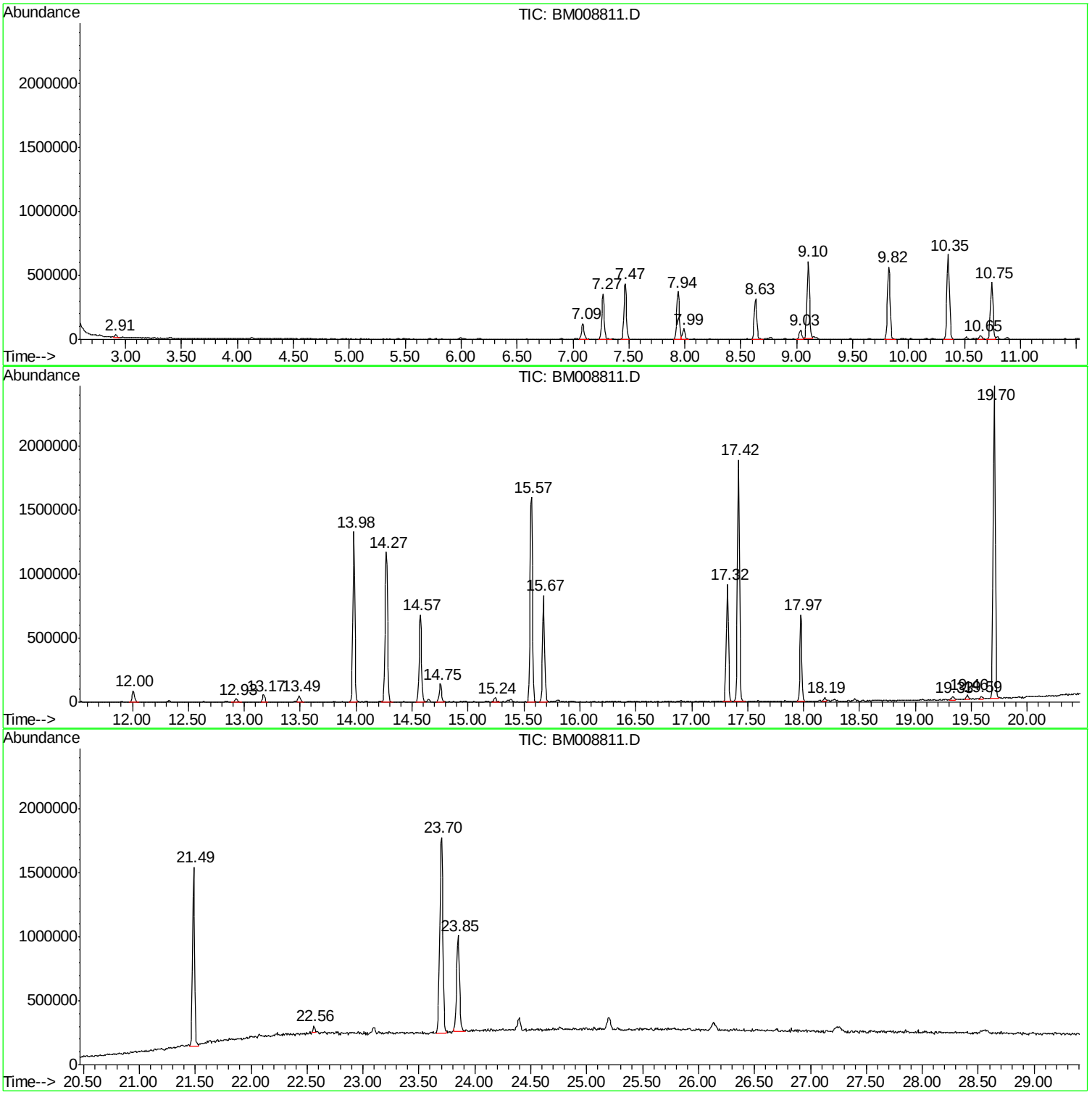
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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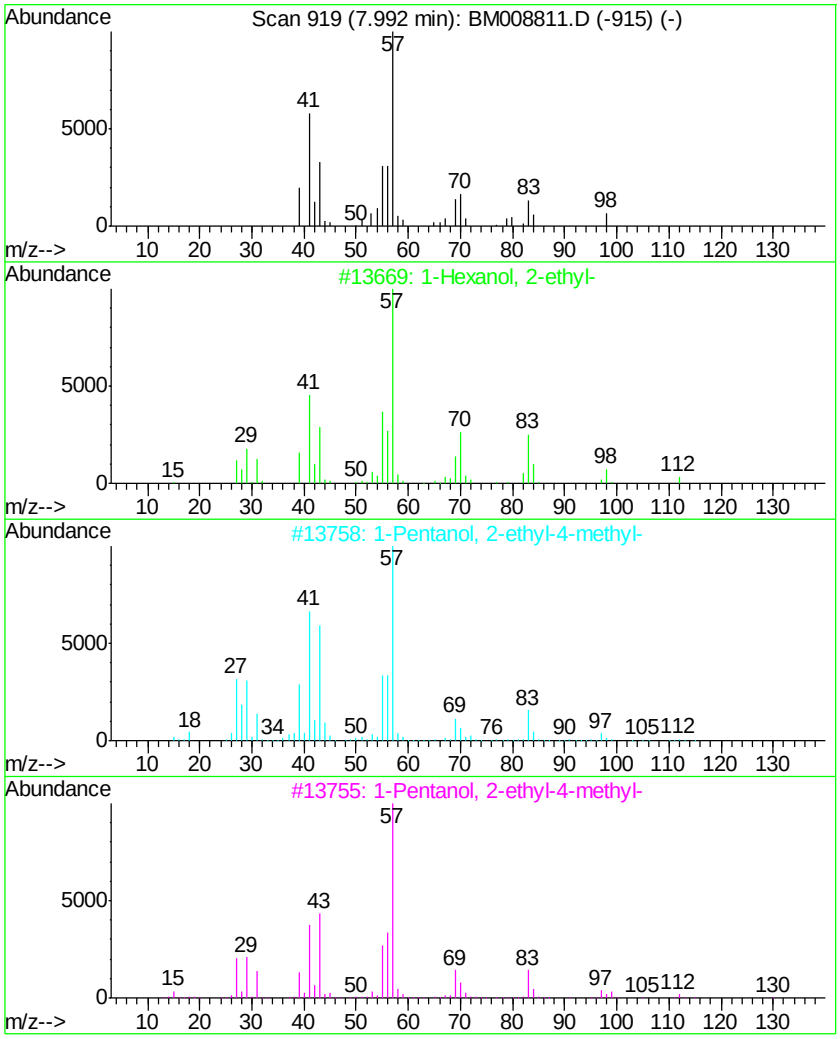
TIC Integration Parameters: LSCINT.P

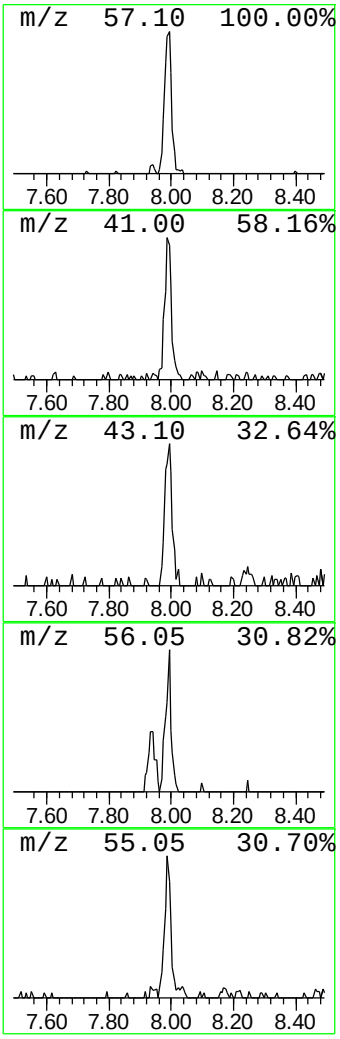
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	4.38 ng/ul	127383	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	53
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	53
4	1-Nonanol	144	C9H20O	000143-08-8	50
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50





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Instrument : BNA_M
ClientSampleId : BDN53

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Quant Title : SVOA CALIBRATION

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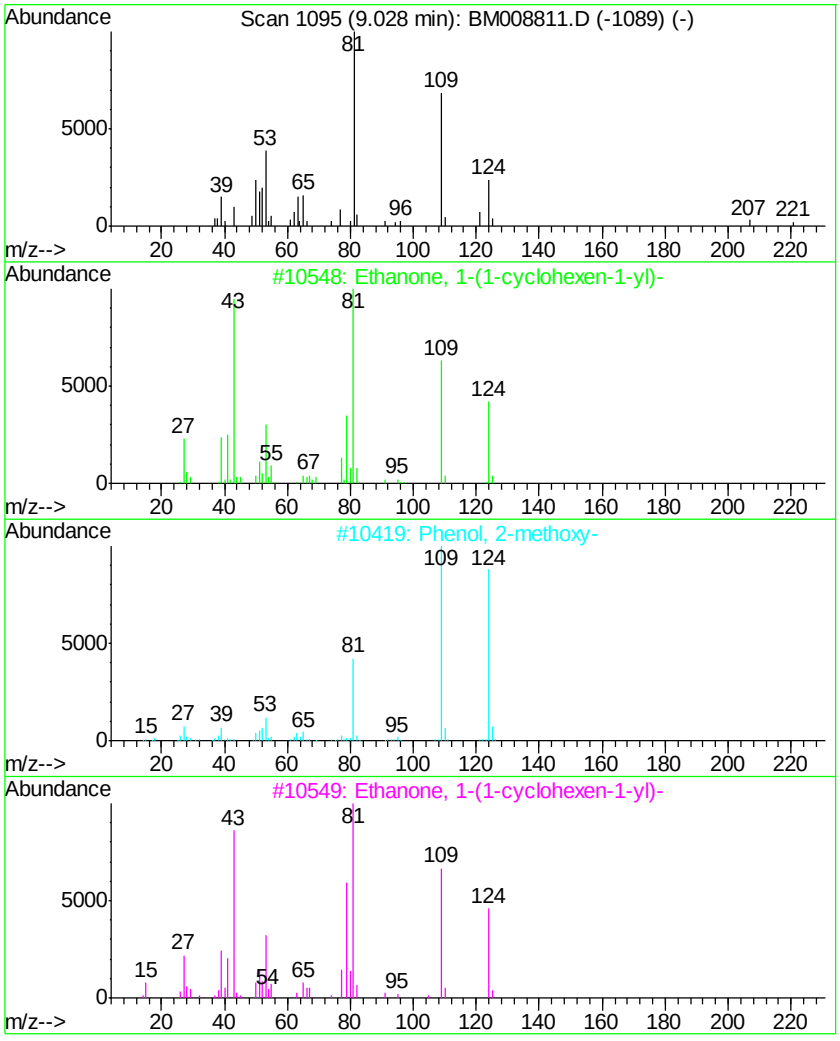
TIC Integration Parameters: LSCINT.P

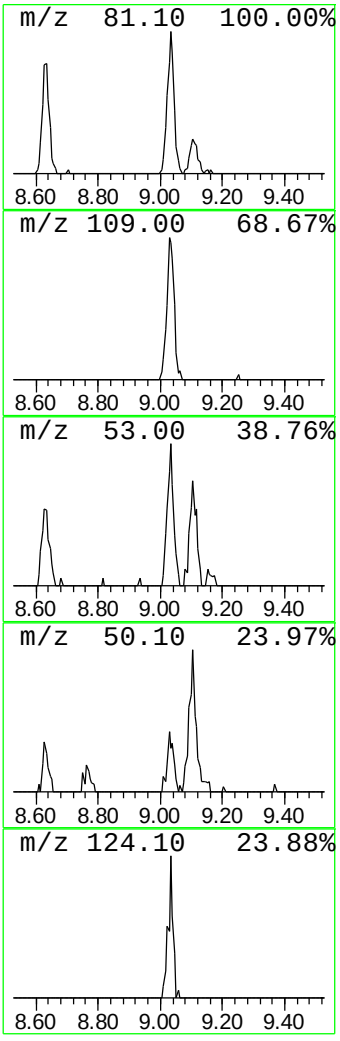
****

Peak Number 2 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.03	3.92 ng/ul	114262	1,4-Dichlorobenzene-d4	7.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	50
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	47
3	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	45
4	Cyclohexene, 3-bromo-	160	C6H9Br	001521-51-3	43
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	38





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Operator : UM/SJ
Sample : I1315-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDN53

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

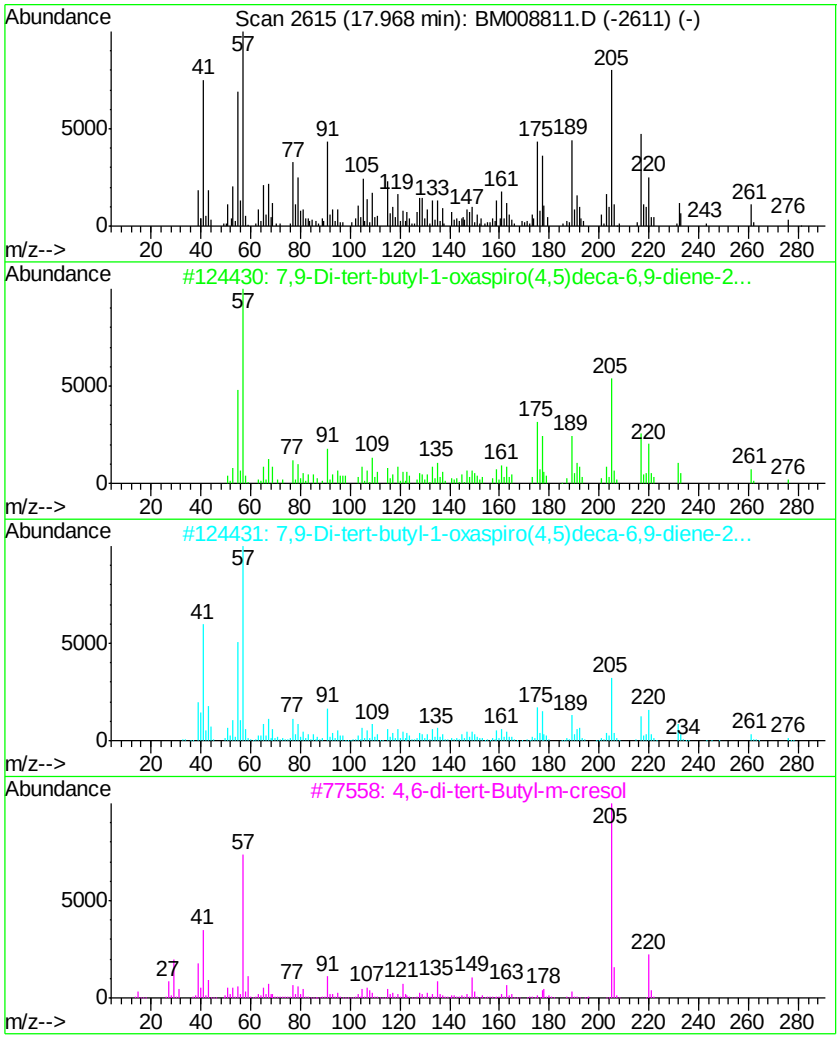
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

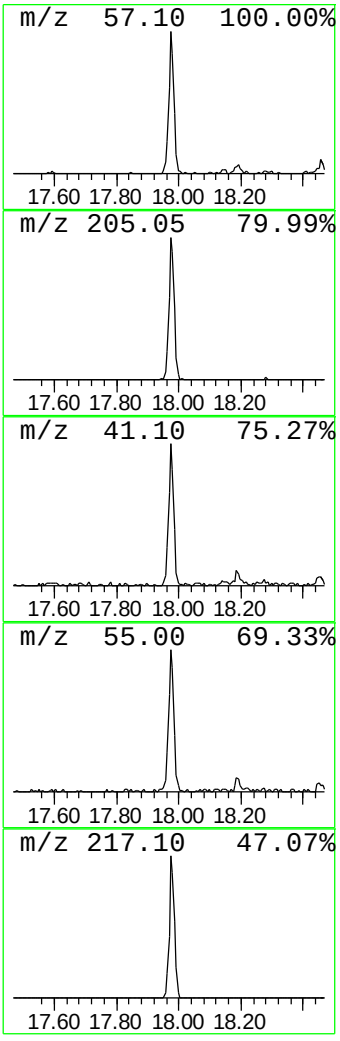
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	12.62 ng/ul	828230	Phenanthrene-d10	17.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	55
3	4,6-di-tert-Butyl-m-cresol	220	C15H24O	000497-39-2	38
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	38
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	30





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-	7.99	4.4	ng/ul	127383	1	7.94	582237	20.0
Ethanone, 1-(1-cy...	9.03	3.9	ng/ul	114262	1	7.94	582237	20.0
7,9-Di-tert-butyl...	17.97	12.6	ng/ul	828230	4	17.32	1312990	20.0