LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
Data File : BM008885.D
Acq On : 26 Jan 2017 21:01
Operator : SJ/MA
Sample : I1426-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDN00

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	2.757	27	29	35	rVB5	11364	20438	1.05%	0.103%
2	7.075	757	763	773	rVB	114358	186467	9.57%	0.940%
3	7.257	787	794	803	rBV	274700	422564	21.68%	2.131%
4	7.451	821	827	836	rVB	347555	564977	28.98%	2.849%
5	7.928	901	908	913	rBV	295617	468813	24.05%	2.364%
6	7.975	913	916	923	rVB2	43891	63913	3.28%	0.322%
7	8.622	1016	1026	1034	rBV2	252341	414869	21.28%	2.092%
8	9.022	1089	1094	1099	rBV2	37979	60415	3.10%	0.305%
9	9.092	1099	1106	1114	rBV	458648	754393	38.70%	3.805%
10	9.810	1221	1228	1237	rVB	411763	675568	34.66%	3.407%
11	10.345	1310	1319	1327	rBV2	481110	824416	42.29%	4.158%
12	10.633	1364	1368	1375	rVB3	11693	19687	1.01%	0.099%
13	10.727	1377	1384	1391	rBV	330502	575744	29.54%	2.904%
14	11.998	1594	1600	1608	rVB4	47125	72318	3.71%	0.365%
15	12.916	1750	1756	1763	rVB3	25050	42528	2.18%	0.214%
16	13.157	1792	1797	1804	rVB3	38627	56719	2.91%	0.286%
17	13.480	1848	1852	1858	rVB2	21594	31080	1.59%	0.157%
18	13.968	1928	1935	1941	rBV	887262	1193056	61.20%	6.017%
19	14.257	1976	1984	1991	rBV	798196	1194303	61.27%	6.023%
20	14.562	2030	2036	2043	rVB	518790	720853	36.98%	3.636%
21	14.745	2062	2067	2073	rBV	107325	155927	8.00%	0.786%
22	15.227	2144	2149	2155	rBV4	21746	32464	1.67%	0.164%
23	15.557	2198	2205	2211	rBV	1052801	1506127	77.26%	7.596%
24	15.668	2218	2224	2230	rBV	446175	609732	31.28%	3.075%
25	15.798	2241	2246	2252	rVB5	13044	20977	1.08%	0.106%
26	16.251	2319	2323	2328	rBV2	68545	93356	4.79%	0.471%
27	17.309	2497	2503	2511	rVB2	604483	864341	44.34%	4.359%
28	17.409	2513	2520	2527	rBV	1217805	1715275	87.99%	8.651%
29	17.968	2610	2615	2620	rVB	373161	457956	23.49%	2.310%
30	18.174	2645	2650	2656	rBV6	31895	47946	2.46%	0.242%
31	19.333	2841	2847	2853	rBV6	15388	27959	1.43%	0.141%
32	19.450	2864	2867	2873	rBV5	51807	66351	3.40%	0.335%
33	19.586	2886	2890	2896	rVB5	18178	24957	1.28%	0.126%
34	19.697	2903	2909	2917	rBV	1439144	1949326	100.00%	9.831%

LSC Area Percent Report

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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDN00

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

35	21.474	3206	3211	3217	rBV	817055	1077076	55.25%	5.432%
36	23.685	3580	3587	3597	rVB2	963948	1851412	94.98%	9.337%
37	23.838	3606	3613	3622	rVB2	485573	963508	49.43%	4.859%

Sum of corrected areas: 19827811

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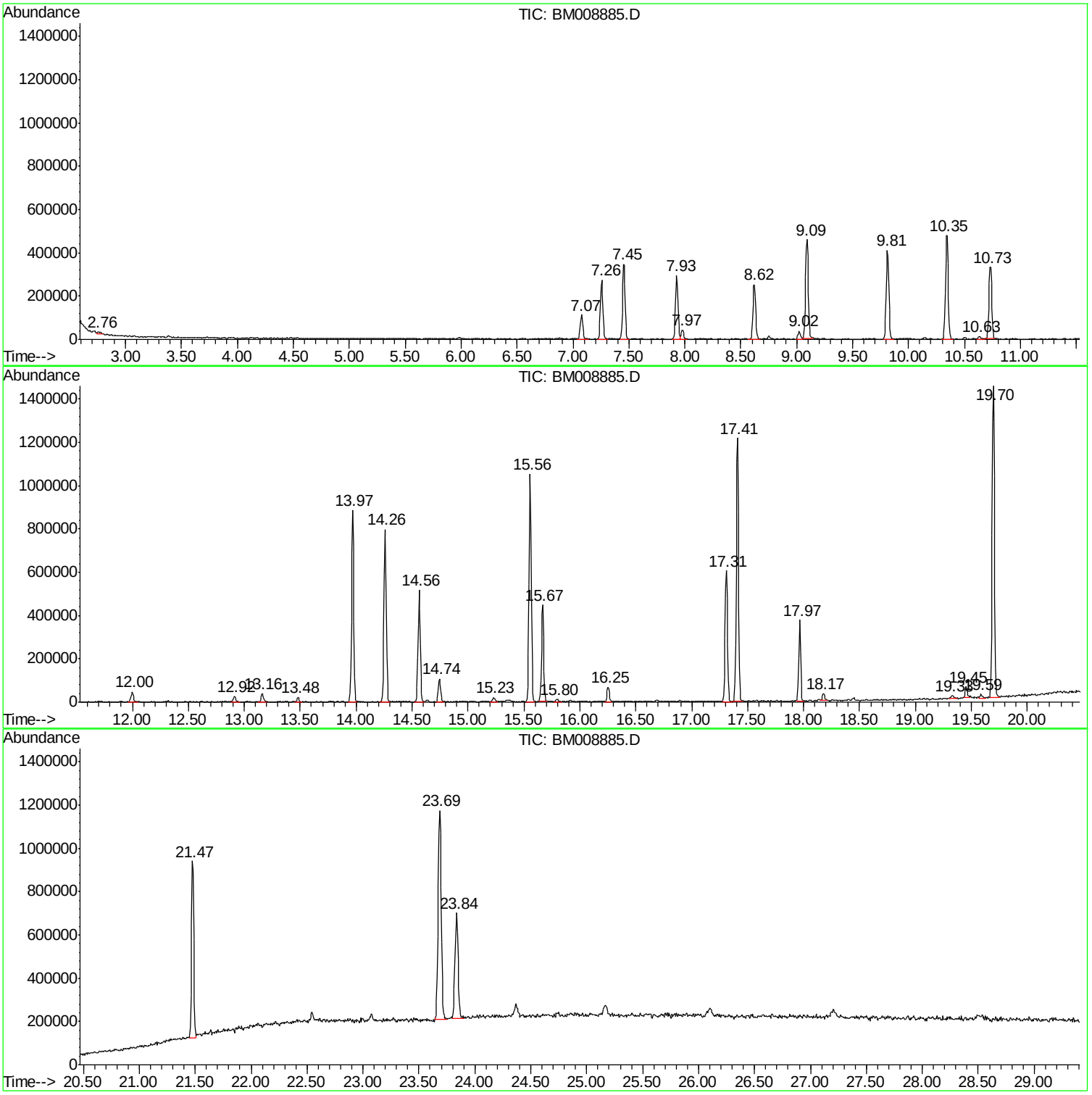
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



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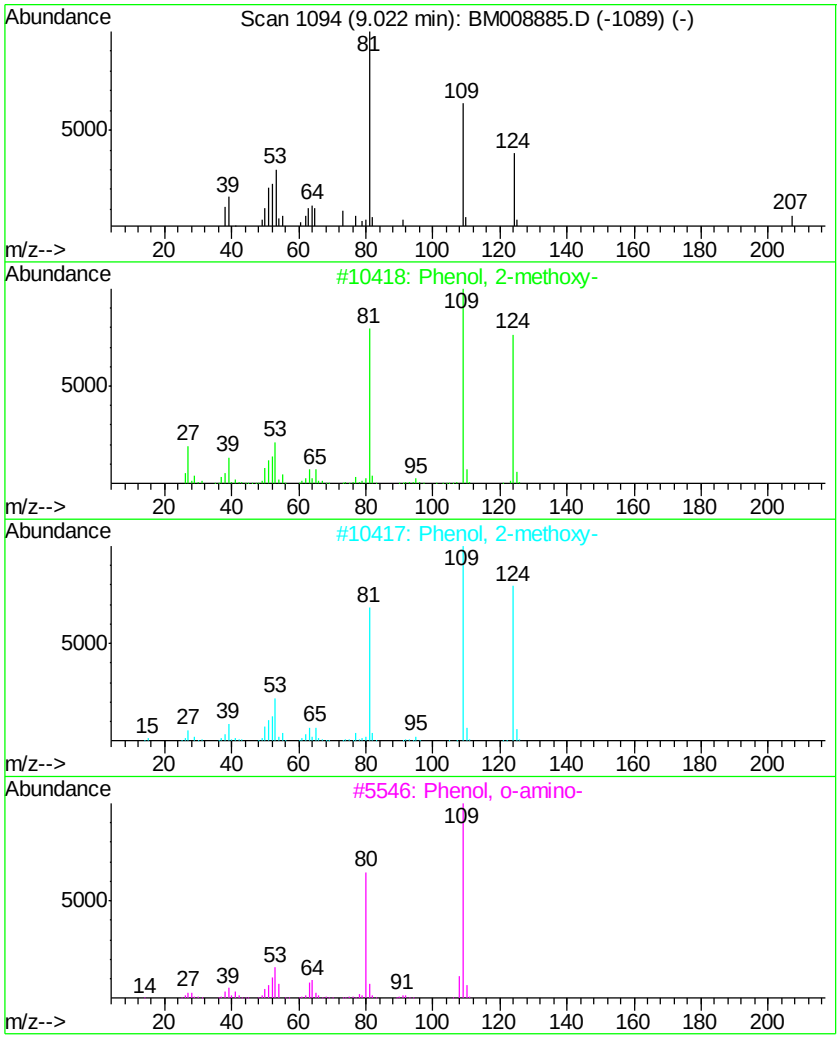
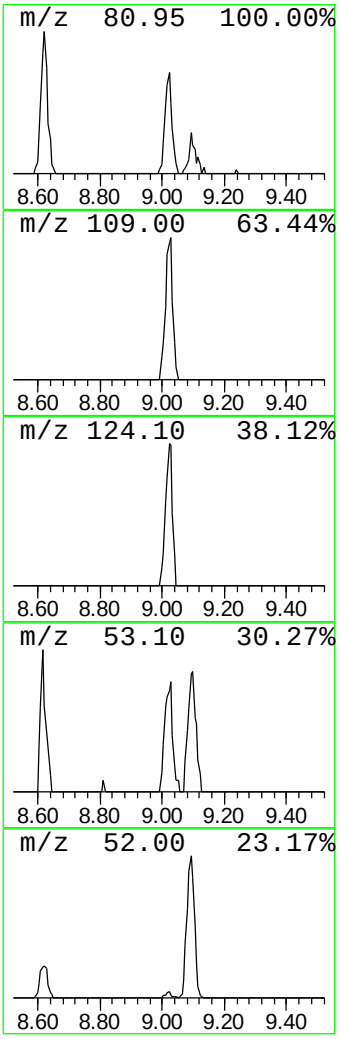
Peak Number 1 Phenol, 2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	2.58 ng/ul	60415	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	64
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	64
3	Phenol, o-amino-	109	C6H7NO	000095-55-6	55
4	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	49
5	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	47





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BDN00

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

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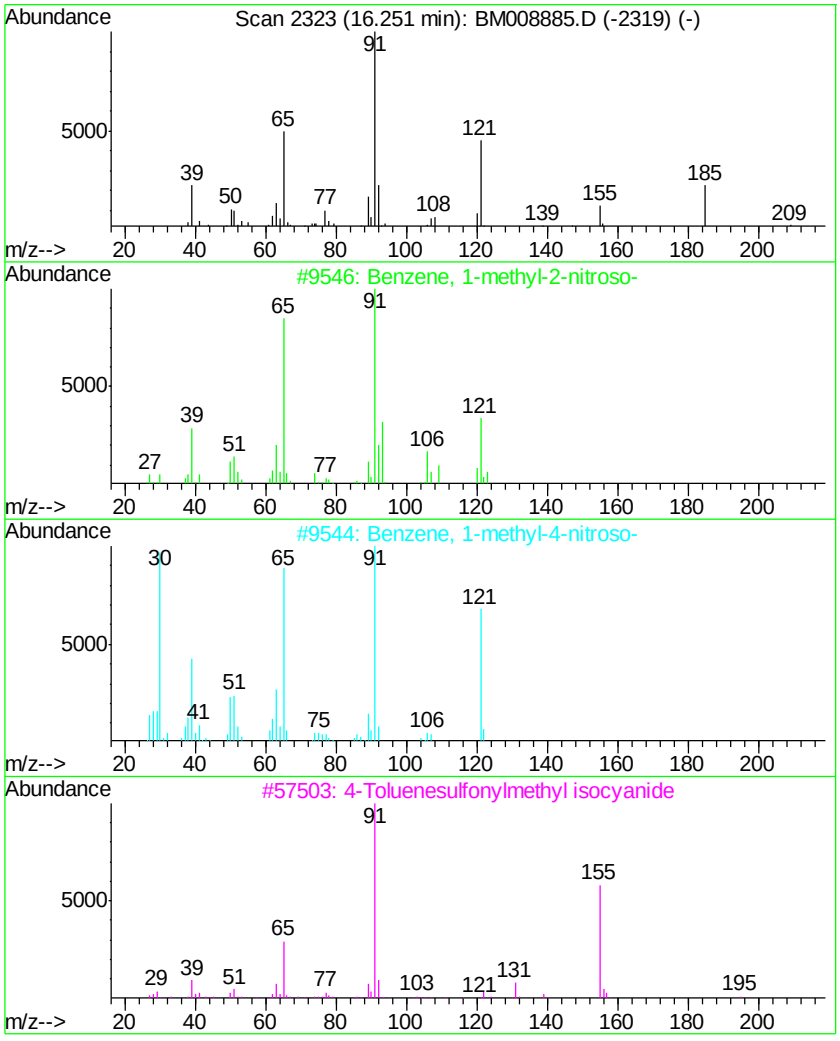
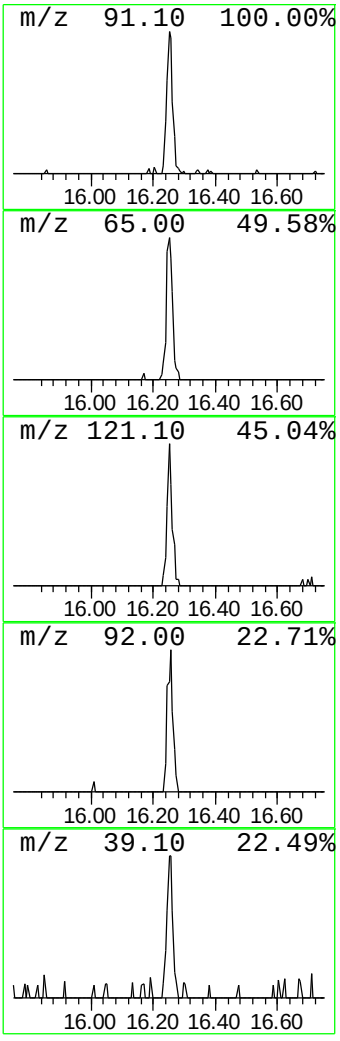
Peak Number 2 Benzene, 1-methyl-2-nitroso- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	2.16 ng/ul	93356	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	72
2	Benzene, 1-methyl-4-nitroso-	121	C7H7NO	000623-11-0	68
3	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	64
4	Benzene, 1-methyl-4-nitroso-	121	C7H7NO	000623-11-0	62
5	1-Hydroxytricyclo[4.3.0.0(4,9)]n...	308	C16H20O4S	201992-83-8	59





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Sample : I1426-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDN00

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

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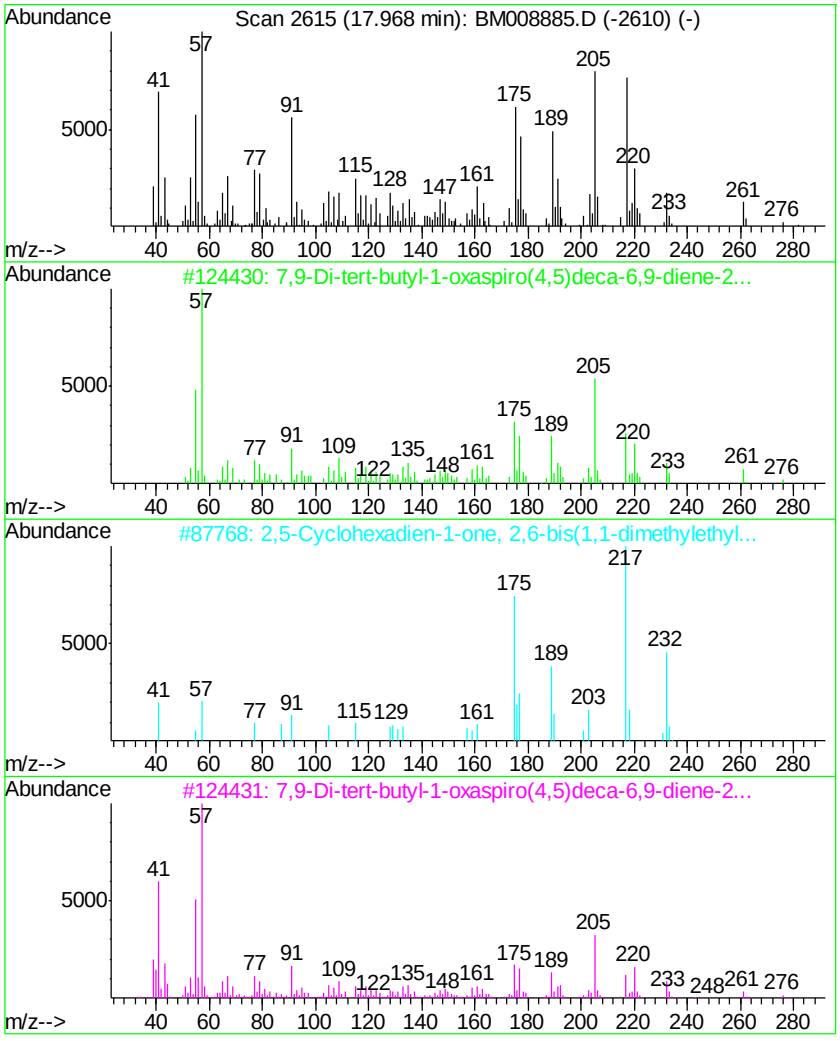
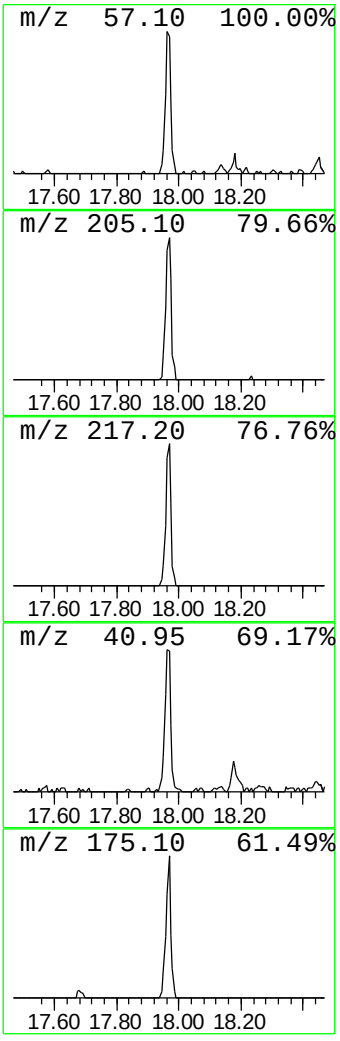
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	10.60 ng/ul	457956	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	93
2	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	72
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	60
4	3-Acetylphenanthrene	220	C16H12O	002039-76-1	38
5	3H-Cyclopenta[1,3]cyclopropa[1,2...	220	C14H20O2	066708-18-7	30





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
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
Phenol, 2-methoxy-	9.02	2.6	ng/ul	60415	1	7.93	468813	20.0
Benzene, 1-methyl...	16.25	2.2	ng/ul	93356	4	17.31	864341	20.0
7,9-Di-tert-butyl...	17.97	10.6	ng/ul	457956	4	17.31	864341	20.0