LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009234.D
Acq On : 14 Mar 2017 00:57
Operator : SJ/MA
Sample : I2181-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD5

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-2016\SOM-EPA-BM031317MA.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	7.034	665	671	678	rBV	134111	218557	3.12%	0.431%
2	7.210	695	701	711	rVB	517877	818972	11.69%	1.616%
3	7.404	726	734	745	rBV	513441	849186	12.13%	1.675%
4	7.881	807	815	820	rBV	472218	783474	11.19%	1.545%
5	8.575	926	933	941	rVB	402632	663724	9.48%	1.309%
6	8.969	990	1000	1006	rBV	115481	196115	2.80%	0.387%
7	9.045	1006	1013	1018	rVV	724504	1236750	17.66%	2.440%
8	9.763	1126	1135	1144	rBV	591363	995652	14.22%	1.964%
9	10.292	1218	1225	1233	rBV	828774	1367363	19.53%	2.697%
10	10.581	1269	1274	1280	rVB	63931	108644	1.55%	0.214%
11	10.681	1283	1291	1296	rBV	714032	1212491	17.31%	2.392%
12	13.922	1835	1842	1854	rBV	2004216	2735515	39.06%	5.396%
13	14.210	1884	1891	1899	rBV	2006915	2854362	40.76%	5.631%
14	14.516	1934	1943	1952	rBV2	1226260	1909690	27.27%	3.767%
15	14.710	1970	1976	1984	rBV	144224	246487	3.52%	0.486%
16	15.510	2105	2112	2119	rBV	2764587	3942760	56.30%	7.778%
17	15.627	2125	2132	2142	rBV	1058406	1426748	20.37%	2.814%
18	17.263	2404	2410	2419	rBV2	1835043	2560245	36.56%	5.050%
19	17.363	2419	2427	2436	rBV2	3307266	4633890	66.17%	9.141%
20	17.921	2516	2522	2527	rBV	882372	1067513	15.24%	2.106%
21	19.657	2810	2817	2829	rBV	4450990	6059252	86.52%	11.953%
22	21.439	3114	3120	3126	rBV	3015263	3886154	55.49%	7.666%
23	23.621	3483	3491	3502	rBV2	3606888	7002953	100.00%	13.814%
24	23.774	3510	3517	3525	rVB2	2013131	3917609	55.94%	7.728%

Sum of corrected areas: 50694106

LSC Report - Integrated Chromatogram

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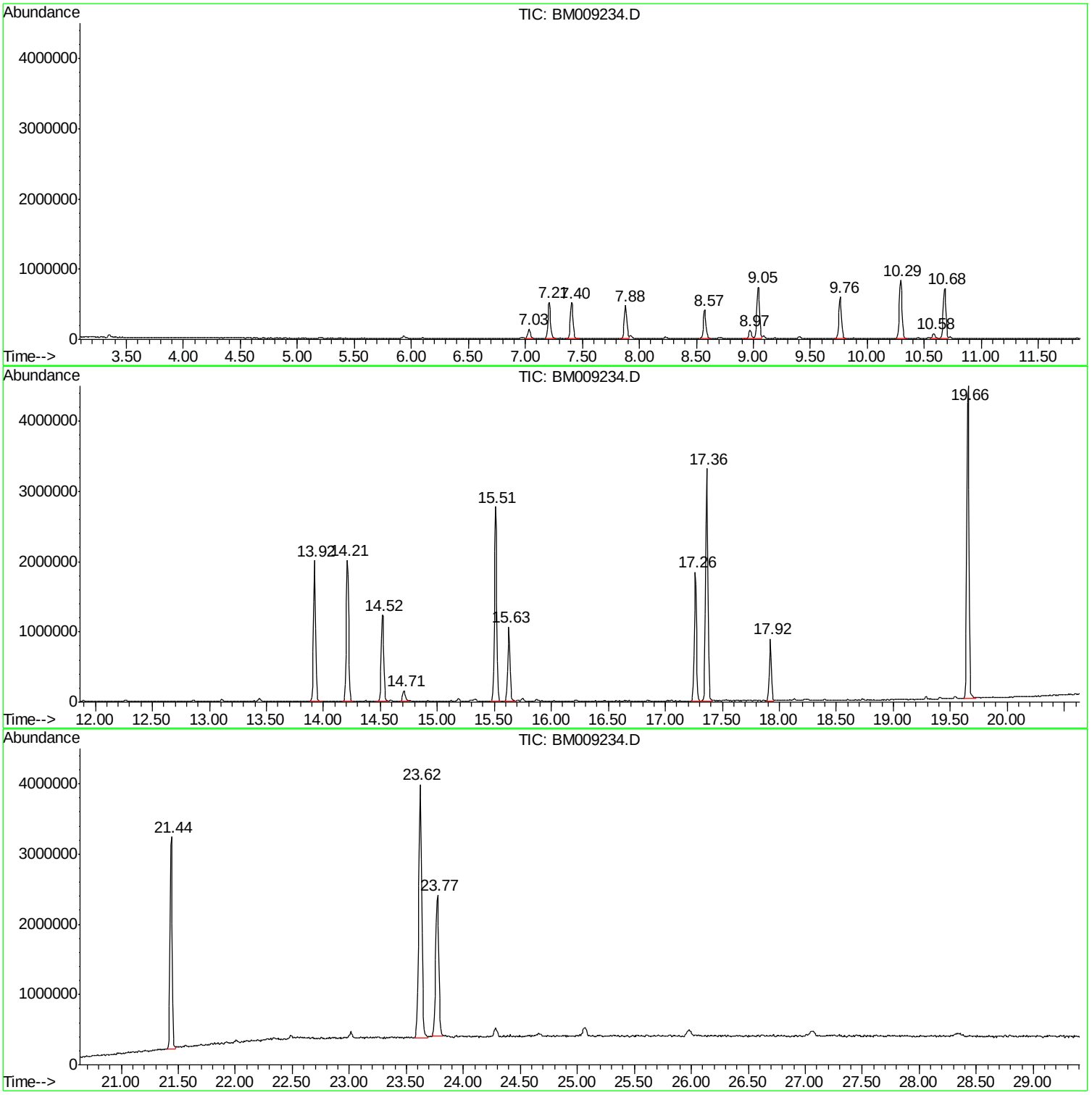
ClientSampleId : C0BD5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009234.D
Acq On : 14 Mar 2017 00:57
Operator : SJ/MA
Sample : I2181-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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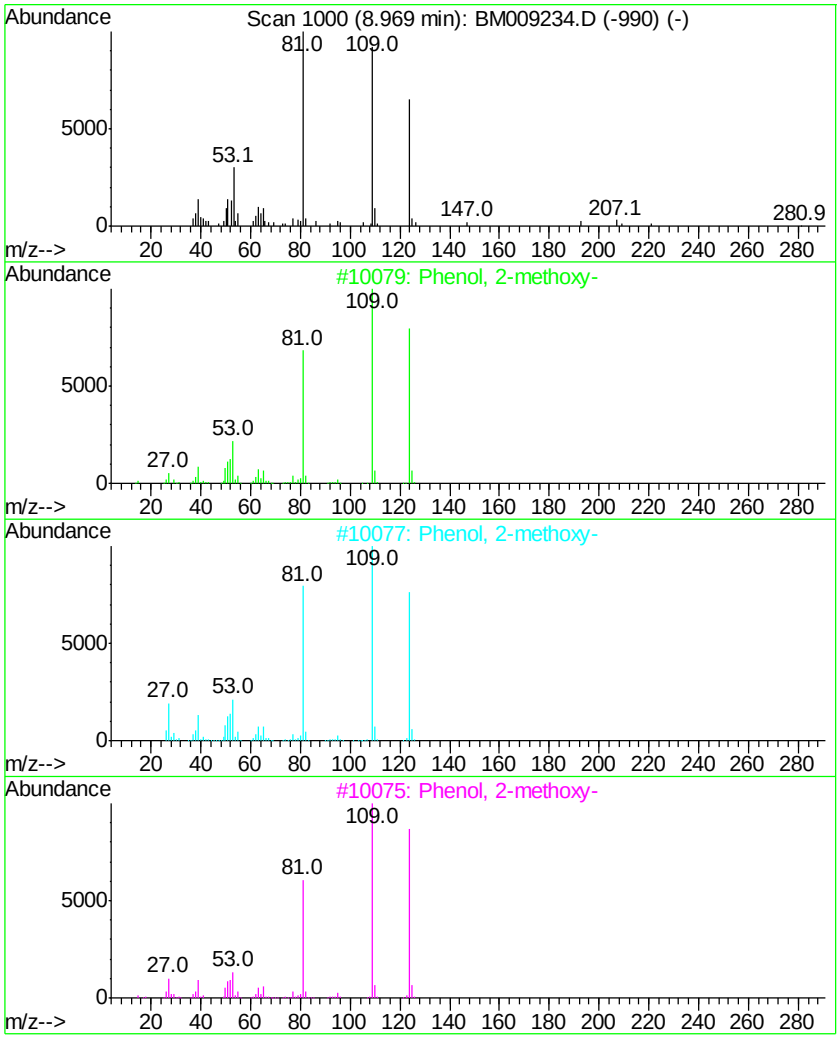
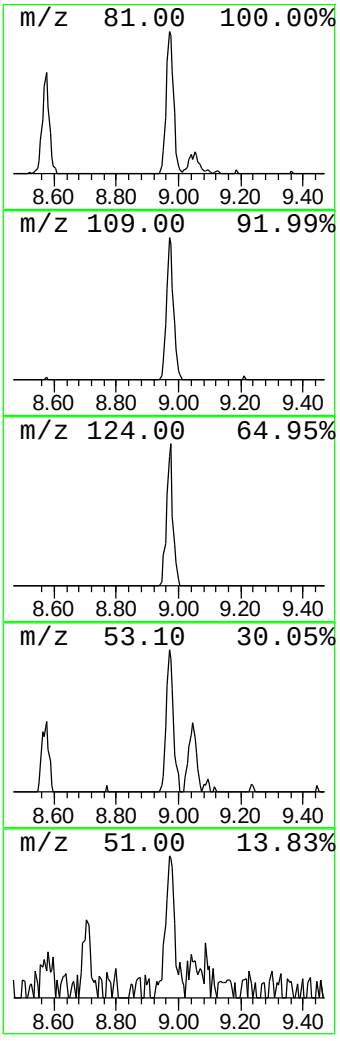
Peak Number 1 Phenol, 2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	5.01 ng/ul	196115	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	93
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	87
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	74
4	Mequinol	124	C7H8O2	000150-76-5	70
5	2-Cyclopenten-1-one, 3,4,5-trime...	124	C8H12O	055683-21-1	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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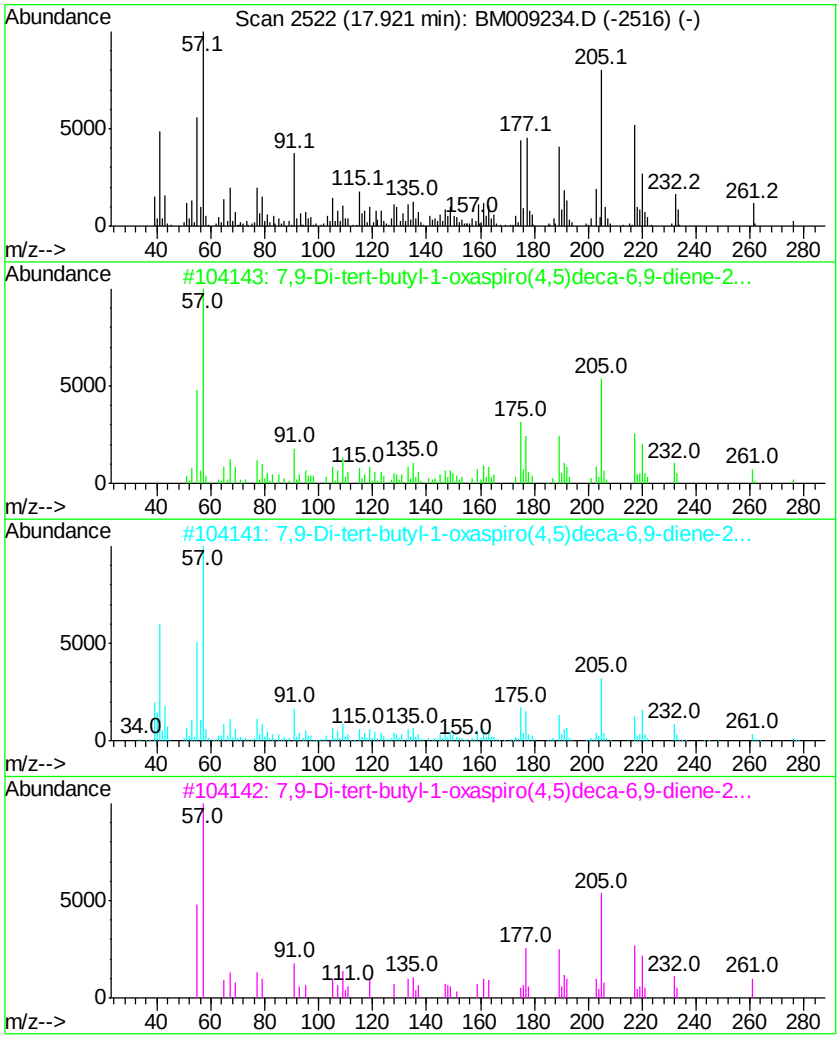
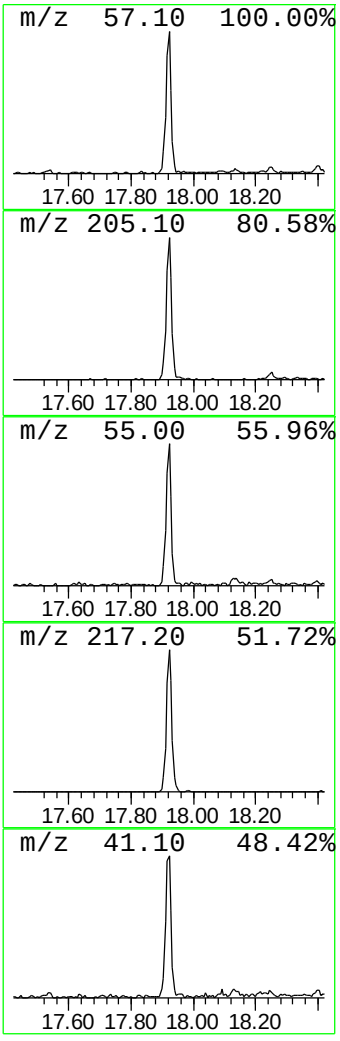
Peak Number 2 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	8.34 ng/ul	1067510	Phenanthrene-d10	17.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	70
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	41
5	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	38





Tentatively Identified Compound (LSC) summary

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Operator : SJ/MA
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, 2-methoxy-	8.97	5.0	ng/ul	196115	1	7.87	783474	20.0
7,9-Di-tert-butyl...	17.92	8.3	ng/ul	1067510	4	17.26	2560250	20.0