LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM032017\
Data File : BM009295.D
Acq On : 20 Mar 2017 15:09
Operator : SJ/MA
Sample : I2303-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD7

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-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	5.928	477	483	494	rVB	167706	270615	4.27%	0.623%
2	7.028	664	670	678	rVB2	122481	205638	3.24%	0.473%
3	7.204	693	700	708	rBV	435055	680736	10.74%	1.566%
4	7.404	726	734	742	rVB	441190	713280	11.25%	1.641%
5	7.875	806	814	819	rBV2	392588	658022	10.38%	1.514%
6	7.922	819	822	828	rVB	137371	189061	2.98%	0.435%
7	8.569	926	932	942	rBV	334995	548616	8.65%	1.262%
8	8.969	993	1000	1005	rBV2	65064	108028	1.70%	0.249%
9	9.039	1005	1012	1018	rVV	620508	1012506	15.97%	2.330%
10	9.757	1126	1134	1141	rBV	494768	823426	12.99%	1.895%
11	10.286	1217	1224	1236	rBV	694977	1127242	17.78%	2.594%
12	10.675	1283	1290	1296	rBV	572526	980722	15.47%	2.257%
13	11.951	1501	1507	1515	rBV	124688	212807	3.36%	0.490%
14	13.433	1754	1759	1768	rBV3	64444	109213	1.72%	0.251%
15	13.921	1834	1842	1850	rBV	1433357	2020129	31.86%	4.649%
16	14.210	1884	1891	1897	rBV	1537172	2298048	36.24%	5.288%
17	14.515	1936	1943	1951	rBV2	968606	1530057	24.13%	3.521%
18	14.704	1968	1975	1989	rBV2	125985	235939	3.72%	0.543%
19	15.180	2051	2056	2061	rBV	45795	67044	1.06%	0.154%
20	15.504	2105	2111	2119	rBV	2159091	3207506	50.58%	7.381%
21	15.627	2126	2132	2142	rBV	811664	1162792	18.34%	2.676%
22	17.262	2404	2410	2418	rBV	1513931	2080992	32.82%	4.789%
23	17.362	2420	2427	2438	rBV	2756191	4004823	63.16%	9.216%
24	17.915	2514	2521	2527	rBV2	660183	840331	13.25%	1.934%
25	19.650	2810	2816	2824	rBV	3789845	5147256	81.18%	11.845%
26	21.433	3114	3119	3125	rBV	2636327	3353313	52.88%	7.717%
27	23.621	3483	3491	3501	rBV2	3155585	6340844	100.00%	14.591%
28	23.768	3509	3516	3525	rVB	1776058	3526963	55.62%	8.116%

Sum of corrected areas: 43455949

LSC Report - Integrated Chromatogram

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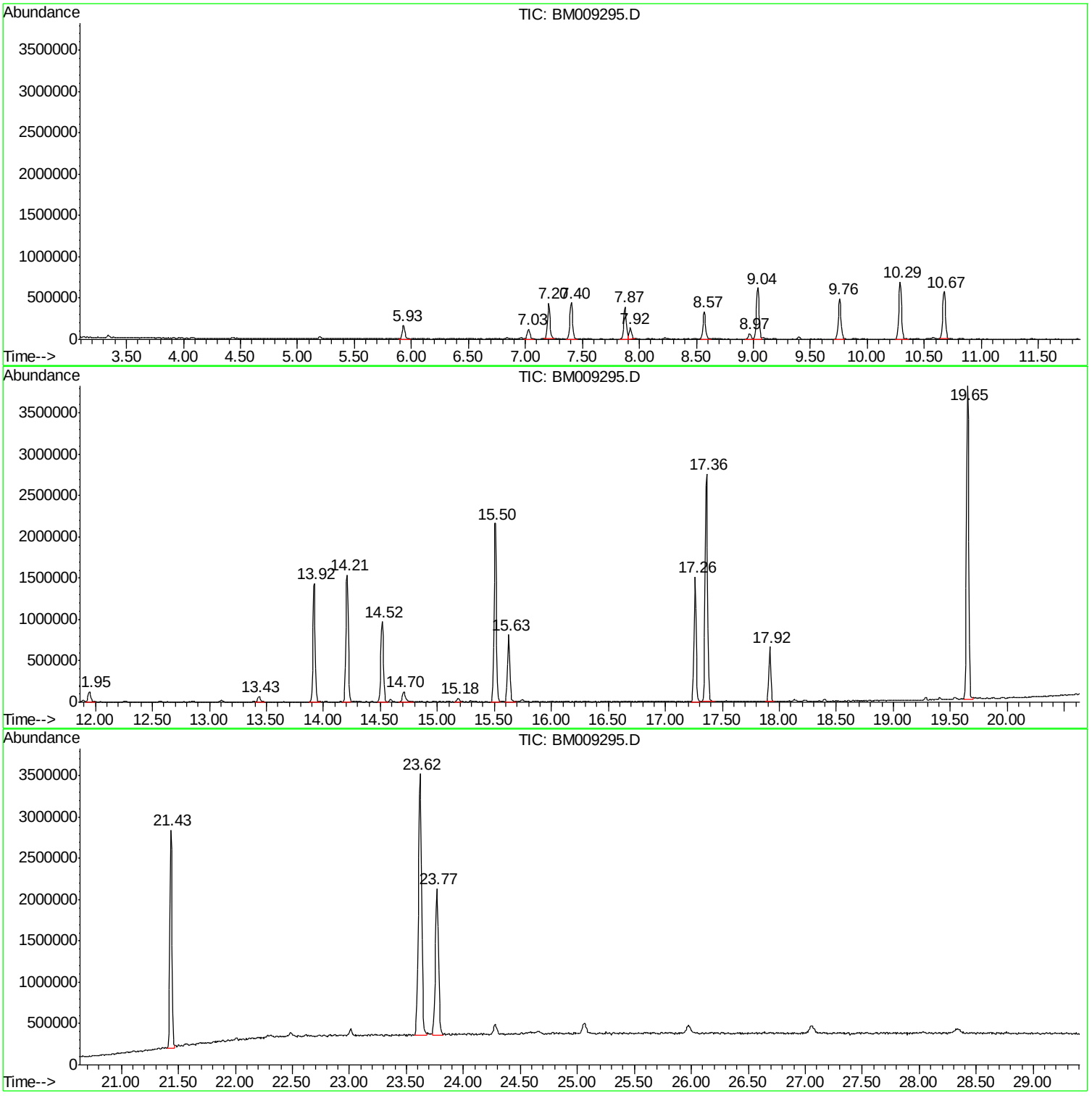
Instrument : BNA_M
ClientSampleId : C0BD7

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

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



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Data File : BM009295.D
Acq On : 20 Mar 2017 15:09
Operator : SJ/MA
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Quant Title : SVOA CALIBRATION

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

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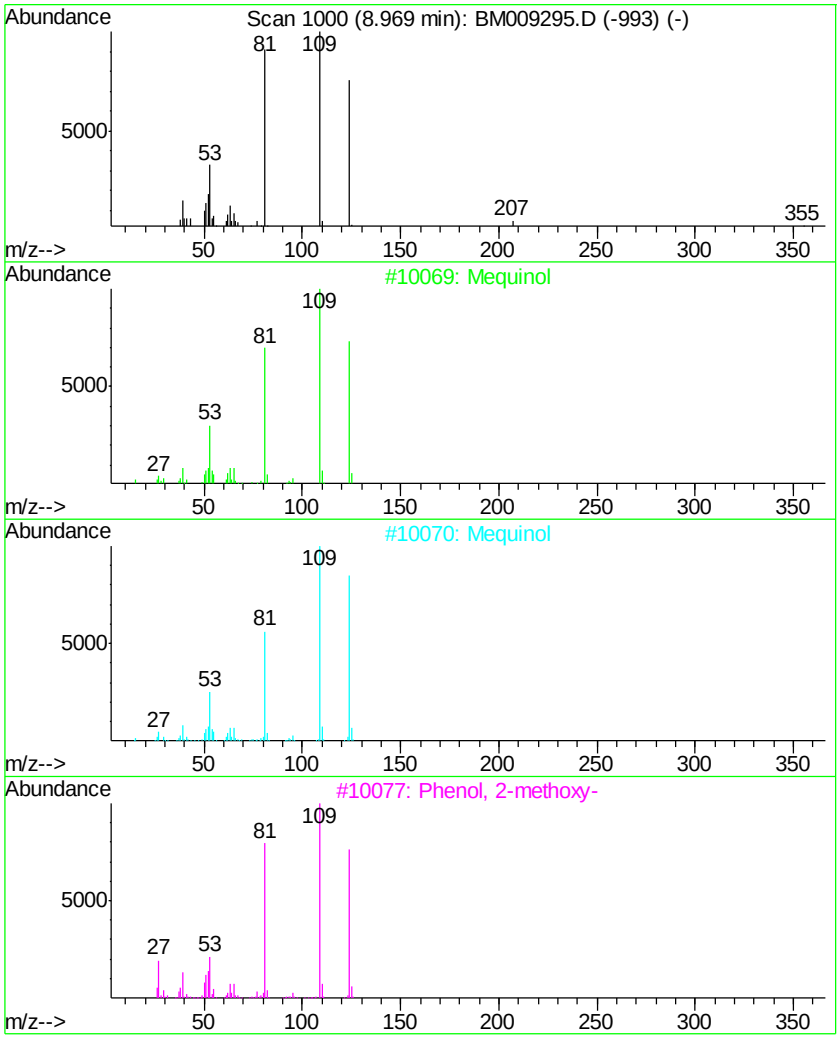
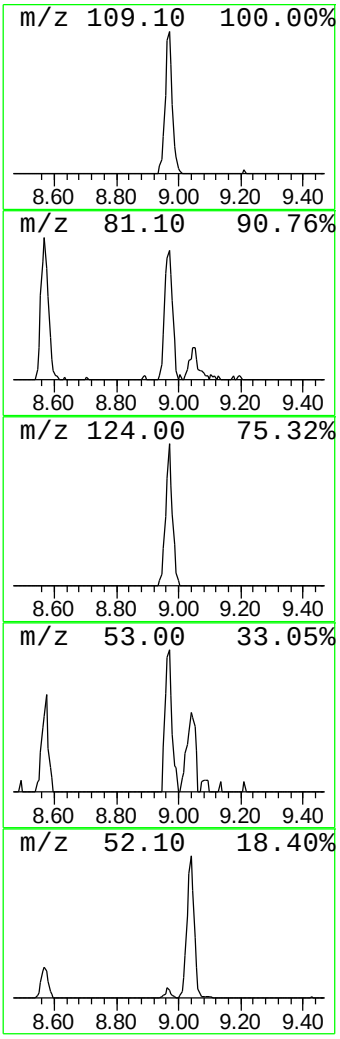
Peak Number 2 Mequinol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	3.28 ng/ul	108028	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mequinol	124	C7H8O2	000150-76-5	91
2	Mequinol	124	C7H8O2	000150-76-5	90
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	80
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	78
5	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	56





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM032017\
Data File : BM009295.D
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Sample : I2303-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BD7

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

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

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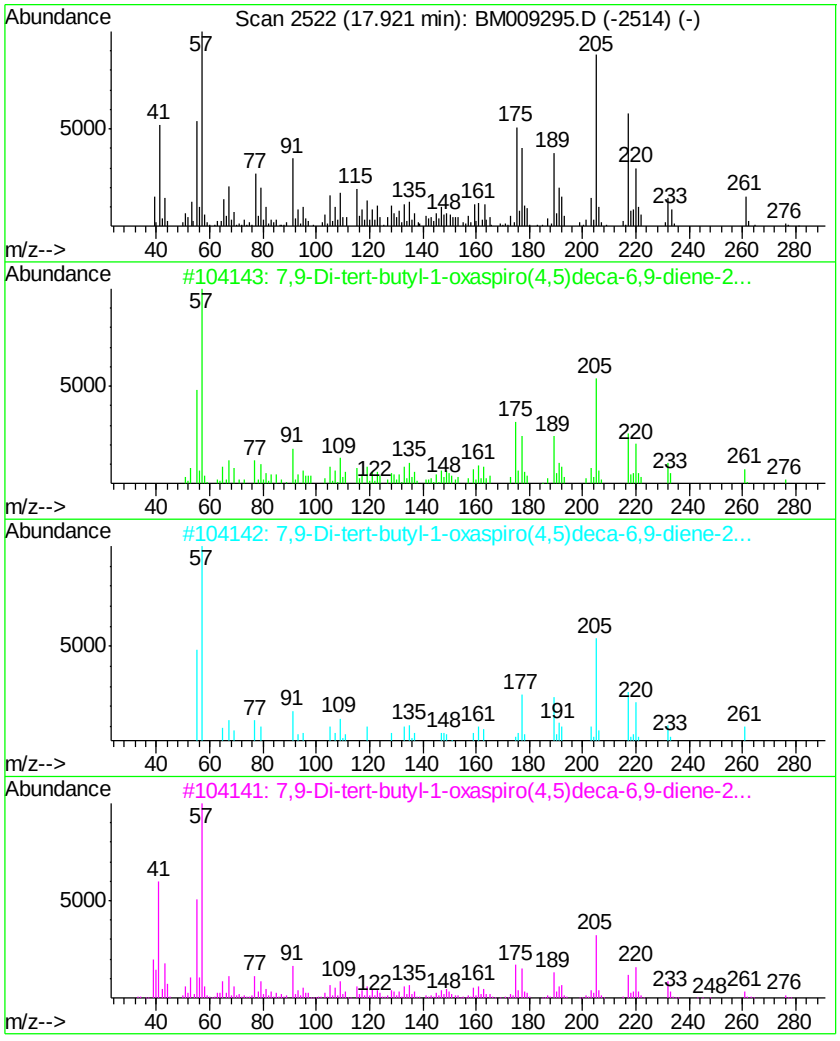
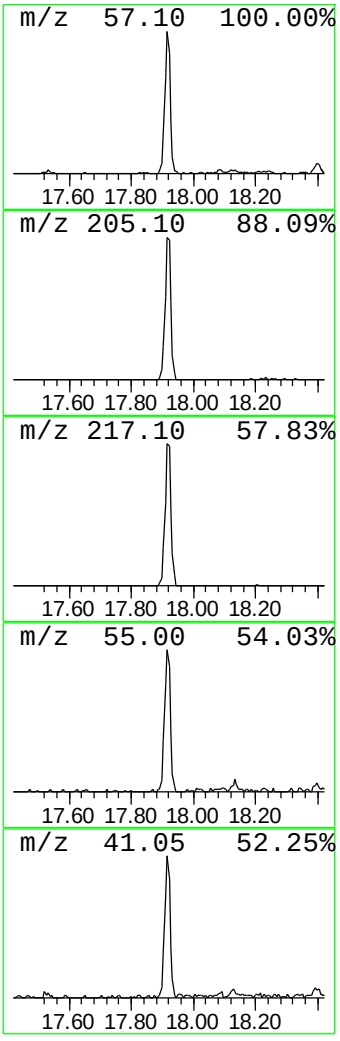
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	8.08 ng/ul	840331	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	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	89
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	55
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	45
5	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	43





Tentatively Identified Compound (LSC) summary

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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
Mequinol	8.97	3.3	ng/ul	108028	1	7.87	658022	20.0
7,9-Di-tert-butyl...	17.92	8.1	ng/ul	840331	4	17.26	2080990	20.0