LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031017\
Data File : BG026180.D
Acq On : 10 Mar 2017 19:23
Operator : SJ/MA
Sample : I2180-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BD6

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_G\METHODS\SOM-EPA-BG030717MA.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	7.212	698	702	708	rVB2	71356	123305	3.66%	0.440%
2	7.383	725	731	741	rVB	346497	553532	16.44%	1.976%
3	7.594	761	767	776	rVB	288298	491698	14.60%	1.756%
4	8.064	841	847	854	rBV	353723	589617	17.51%	2.105%
5	8.758	958	965	975	rBV	218100	373169	11.08%	1.332%
6	9.151	1028	1032	1037	rBV	39465	62983	1.87%	0.225%
7	9.216	1037	1043	1056	rVB	391009	699368	20.77%	2.497%
8	9.939	1159	1166	1177	rVB	231343	411111	12.21%	1.468%
9	10.479	1251	1258	1271	rBV	438382	774856	23.01%	2.766%
10	10.755	1294	1305	1316	rBV	36540	91563	2.72%	0.327%
11	10.861	1316	1323	1330	rBV	517079	908354	26.97%	3.243%
12	14.063	1862	1868	1875	rBV	946341	1378523	40.93%	4.922%
13	14.363	1911	1919	1931	rVB	1261187	1903453	56.52%	6.796%
14	14.668	1964	1971	1979	rBV2	792740	1270963	37.74%	4.538%
15	14.839	1995	2000	2008	rBV2	45504	84545	2.51%	0.302%
16	15.649	2131	2138	2148	rVB	1616305	2464213	73.17%	8.798%
17	15.761	2151	2157	2168	rBV	302009	462288	13.73%	1.651%
18	17.400	2429	2436	2444	rBV	1024174	1598926	47.48%	5.709%
19	17.494	2445	2452	2461	rVV	1896631	2781250	82.59%	9.930%
20	18.058	2543	2548	2558	rBV	199727	269653	8.01%	0.963%
21	19.410	2770	2778	2782	rBV	23834	36308	1.08%	0.130%
22	19.774	2833	2840	2850	rBV	2291670	3367694	100.00%	12.024%
23	21.642	3151	3158	3171	rBV	1194178	1934181	57.43%	6.906%
24	24.615	3653	3664	3684	rBV2	1143257	3208759	95.28%	11.456%
25	24.833	3689	3701	3723	rBV	706240	2028854	60.24%	7.244%
26	25.967	3886	3894	3901	rBV7	23350	65449	1.94%	0.234%
27	27.324	4117	4125	4133	rVB9	21881	74121	2.20%	0.265%

Sum of corrected areas: 28008736

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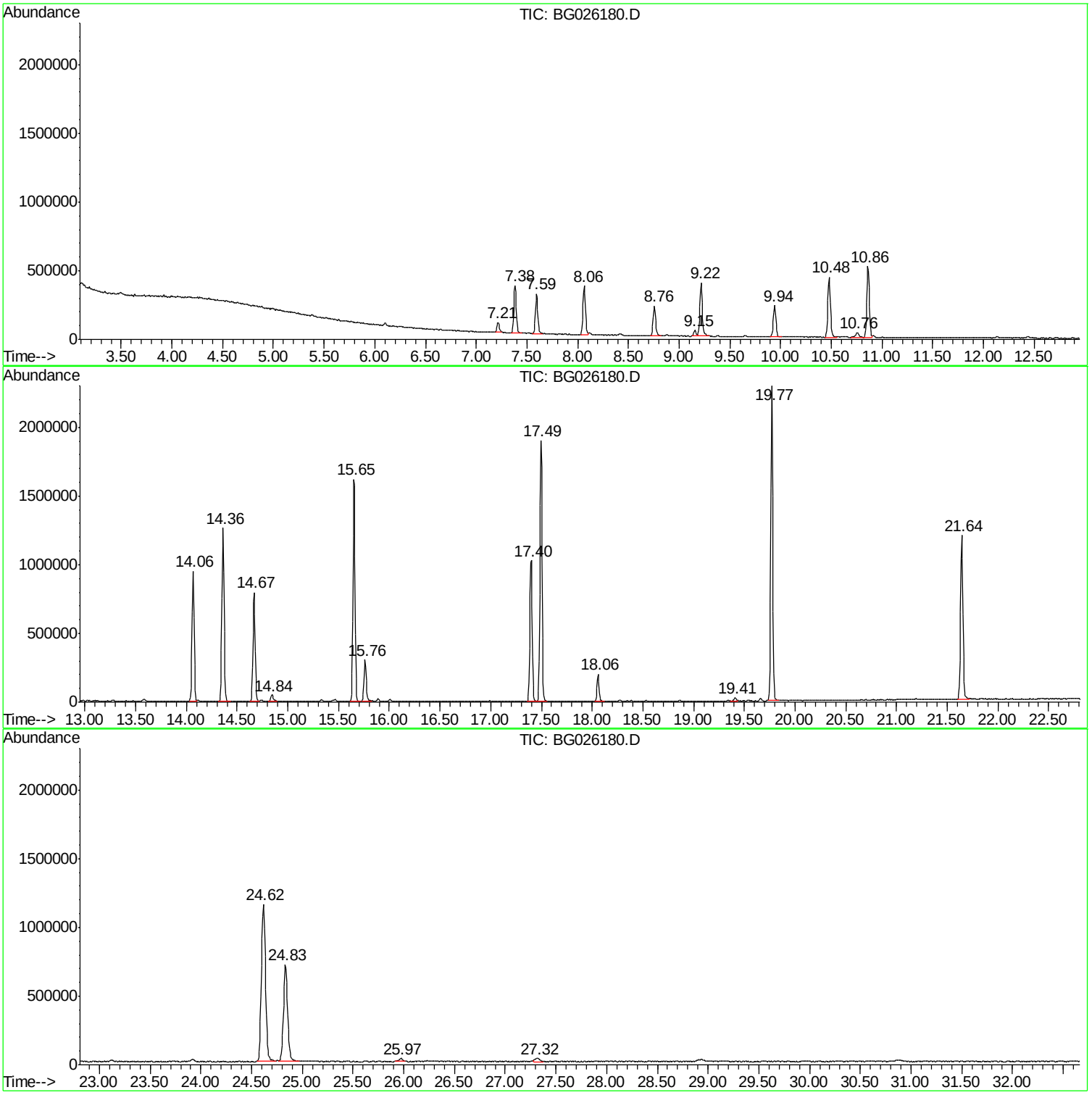
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031017\
Data File : BG026180.D
Acq On : 10 Mar 2017 19:23
Operator : SJ/MA
Sample : I2180-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION

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

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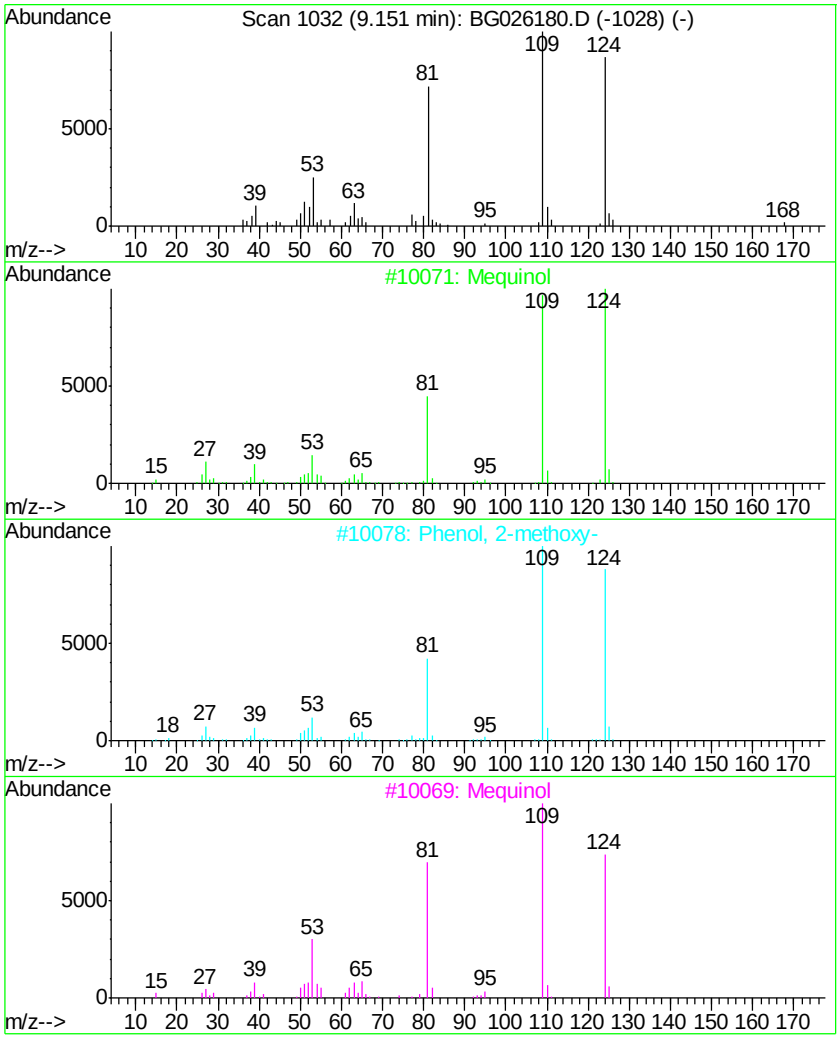
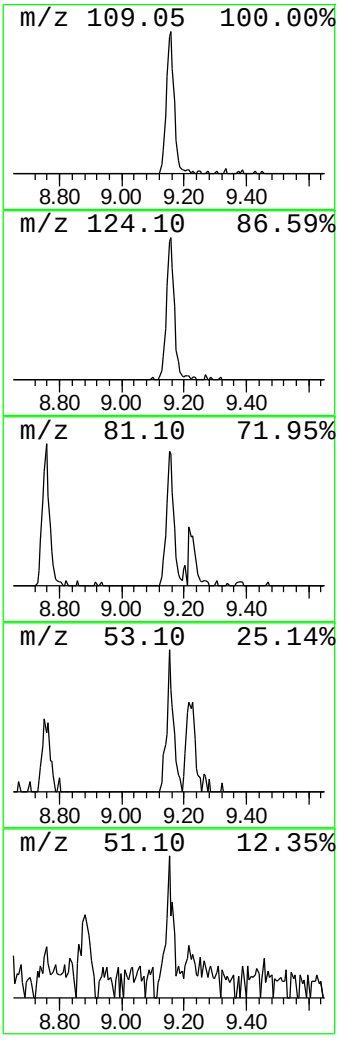
Peak Number 1 Mequinol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	2.14 ng/ul	62983	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mequinol	124	C7H8O2	000150-76-5	91
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
3	Mequinol	124	C7H8O2	000150-76-5	91
4	Mequinol	124	C7H8O2	000150-76-5	91
5	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90





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Instrument : BNA_G
ClientSampleId : C0BD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION

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

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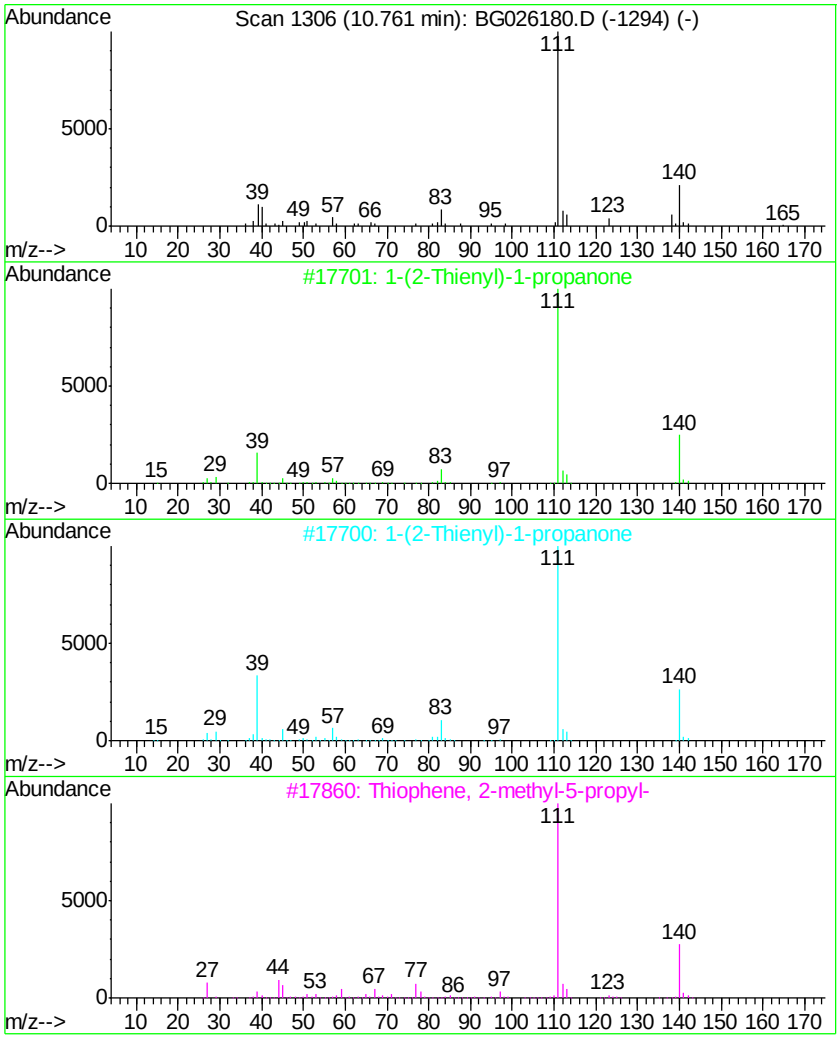
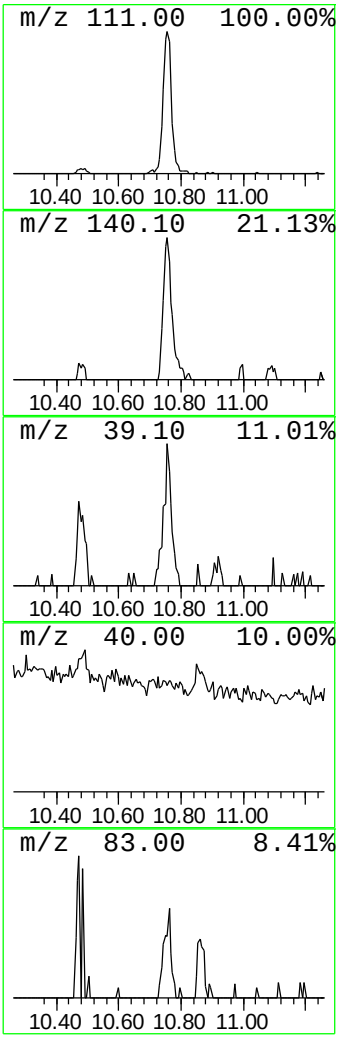
Peak Number 2 1-(2-Thienyl)-1-propanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	2.02 ng/ul	91563	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	86
2	1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	86
3	Thiophene, 2-methyl-5-propyl-	140	C8H12S	033933-73-2	64
4	Thiophene-2-glyoxylic acid	156	C6H4O3S	004075-59-6	53
5	.beta.-L-Mannofuranose, 6-deoxy-...	240	C10H18B2O5	062930-52-3	43





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Misc :
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Instrument : BNA_G
ClientSampleId : C0BD6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION

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

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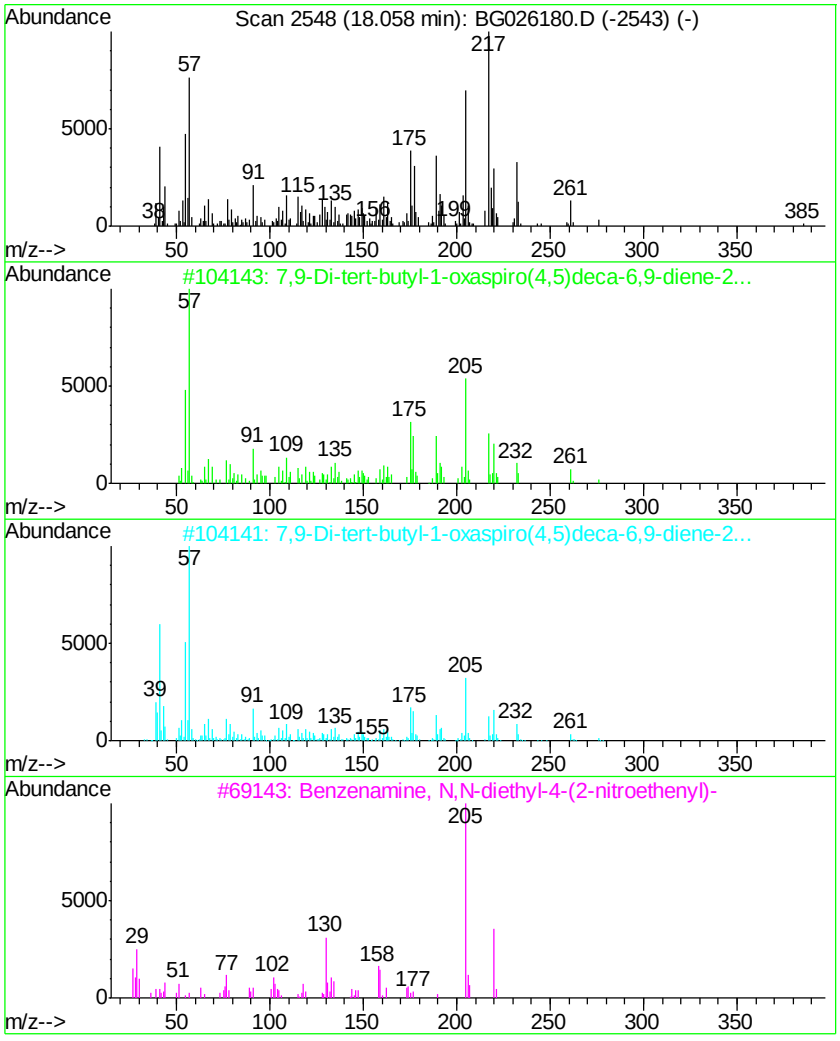
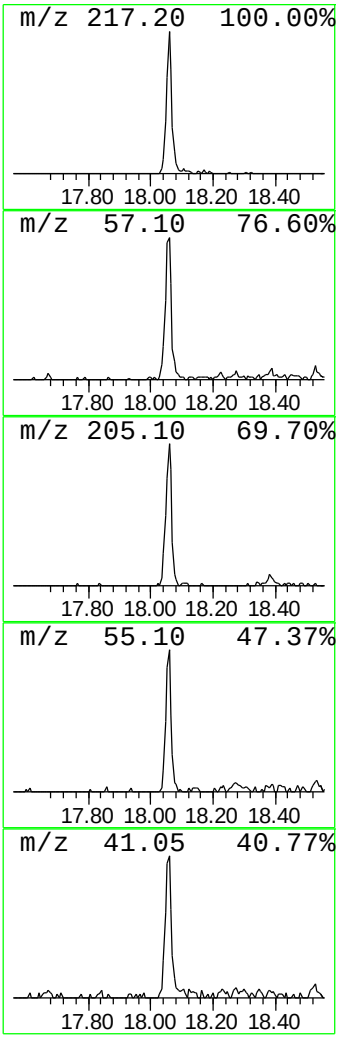
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	3.37 ng/ul	269653	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	64
3	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	45
4	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	38
5	3H-Cyclopenta[1,3]cyclopropa[1,2...	220	C14H20O2	066708-18-7	35





Tentatively Identified Compound (LSC) summary

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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
Mequinol	9.15	2.1	ng/ul	62983	1	8.06	589617	20.0
1-(2-Thienyl)-1-p...	10.76	2.0	ng/ul	91563	2	10.86	908354	20.0
7,9-Di-tert-butyl...	18.06	3.4	ng/ul	269653	4	17.39	1598930	20.0