LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004652.D
Acq On : 17 Mar 2016 01:21
Operator : UM/SJ
Sample : H1783-18
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AH4

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-BM031516.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	2.728	3	7	19	rVB	60867	78233	3.69%	0.427%
2	5.181	419	424	432	rVB	59662	89932	4.24%	0.491%
3	6.998	727	733	741	rVB	71472	108890	5.14%	0.595%
4	7.175	756	763	772	rBV	278571	422604	19.94%	2.308%
5	7.375	790	797	805	rVB	273252	440268	20.78%	2.405%
6	7.839	870	876	882	rBV	222649	368379	17.38%	2.012%
7	8.192	930	936	942	rBV	21246	32104	1.51%	0.175%
8	8.533	988	994	1004	rVB	212285	336706	15.89%	1.839%
9	8.933	1057	1062	1066	rBV	23676	35663	1.68%	0.195%
10	8.998	1066	1073	1083	rVB	310347	498152	23.51%	2.721%
11	9.716	1188	1195	1205	rVB	240298	387619	18.29%	2.117%
12	10.245	1279	1285	1298	rBV	370902	626601	29.57%	3.422%
13	10.633	1344	1351	1358	rBV	320743	537054	25.34%	2.933%
14	12.827	1719	1724	1729	rVB	18176	24534	1.16%	0.134%
15	13.080	1762	1767	1772	rBV	37980	51847	2.45%	0.283%
16	13.886	1897	1904	1910	rBV	731029	1034354	48.81%	5.649%
17	14.168	1945	1952	1959	rBV	856345	1259019	59.41%	6.876%
18	14.474	1998	2004	2014	rVB2	461094	707036	33.36%	3.862%
19	14.657	2030	2035	2045	rVB	45685	66514	3.14%	0.363%
20	15.151	2114	2119	2126	rVB	15414	21353	1.01%	0.117%
21	15.468	2166	2173	2183	rVB	1114703	1616770	76.29%	8.830%
22	15.580	2186	2192	2198	rBV	264020	350685	16.55%	1.915%
23	17.215	2464	2470	2477	rBV2	593542	860802	40.62%	4.701%
24	17.315	2481	2487	2500	rVV2	1188924	1752788	82.71%	9.573%
25	17.886	2580	2584	2589	rVB	131893	146602	6.92%	0.801%
26	19.609	2871	2877	2887	rBV	1543057	2073984	97.87%	11.328%
27	21.397	3174	3181	3190	rBV	887584	1236309	58.34%	6.752%
28	23.550	3539	3547	3557	rBV	1096229	2119151	100.00%	11.574%
29	23.697	3565	3572	3582	rVB2	524408	1025196	48.38%	5.599%

Sum of corrected areas: 18309149

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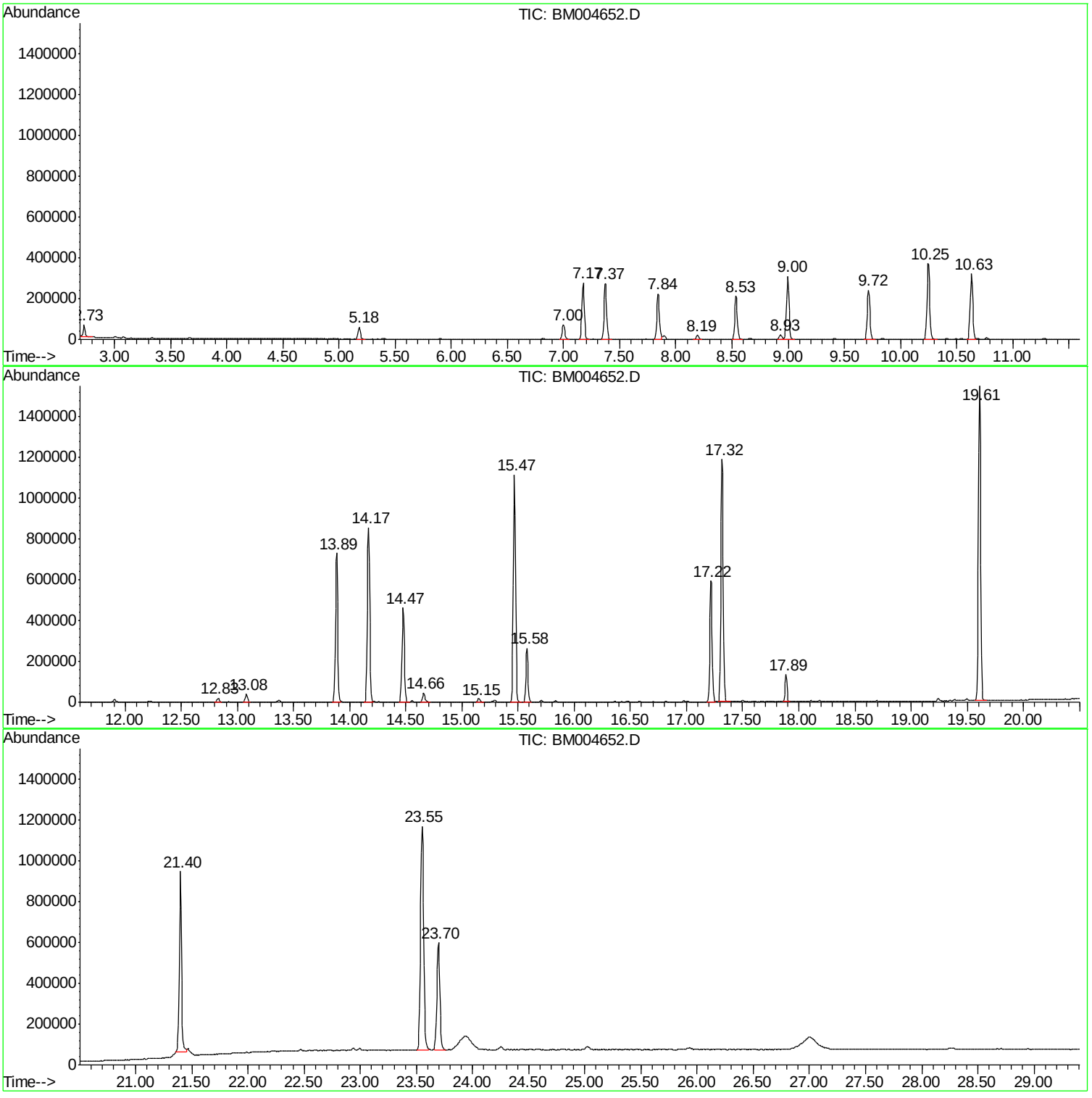
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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



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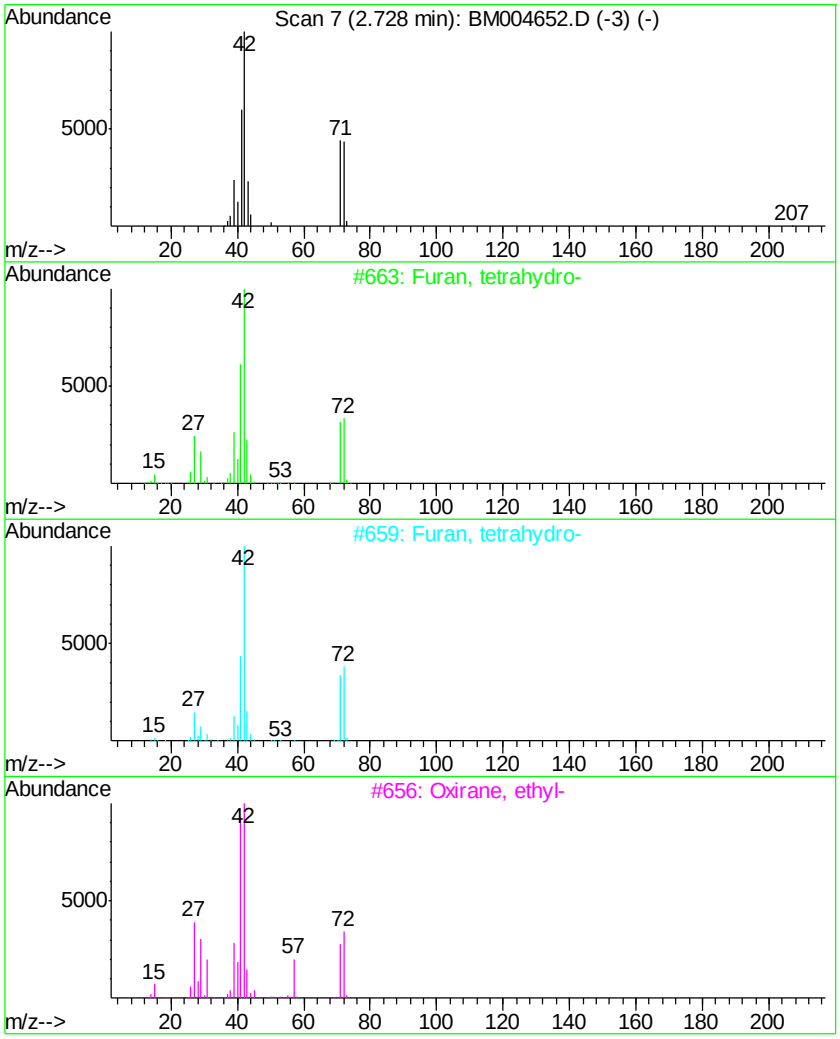
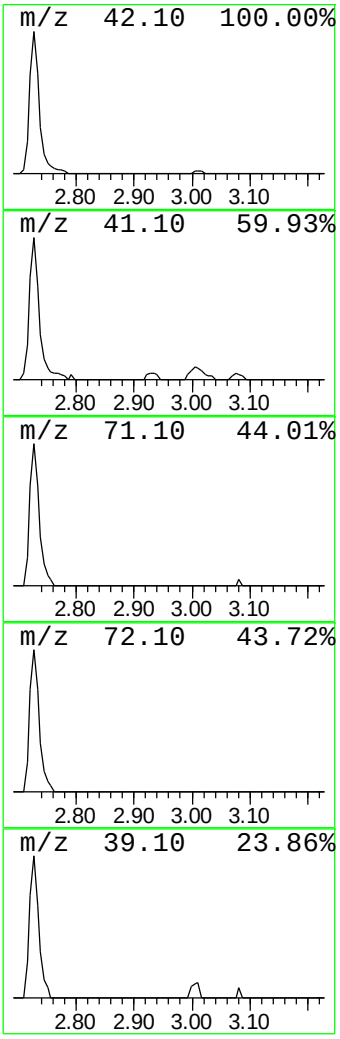
Peak Number 1 Furan, tetrahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.73	4.25 ng/ul	78233	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-	72	C4H8O	000109-99-9	91
2	Furan, tetrahydro-	72	C4H8O	000109-99-9	90
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	83
4	Furan, tetrahydro-	72	C4H8O	000109-99-9	83
5	1-Propene, 2-methoxy-	72	C4H8O	000116-11-0	64





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0AH4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

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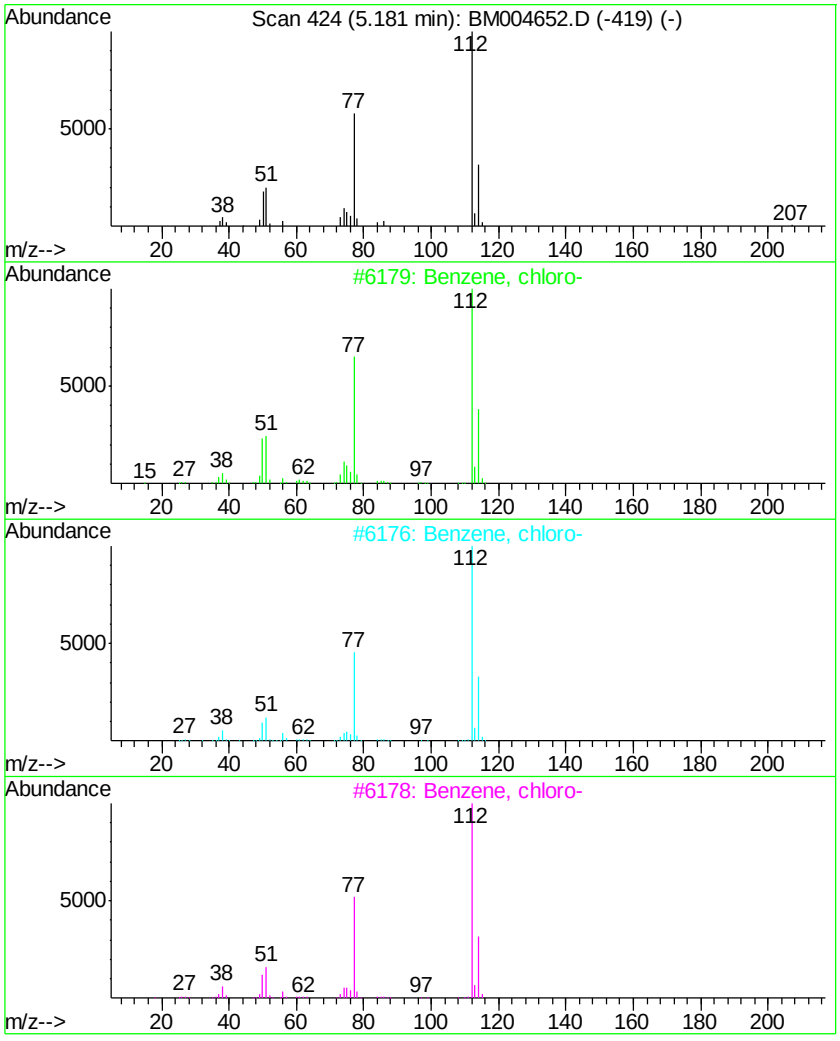
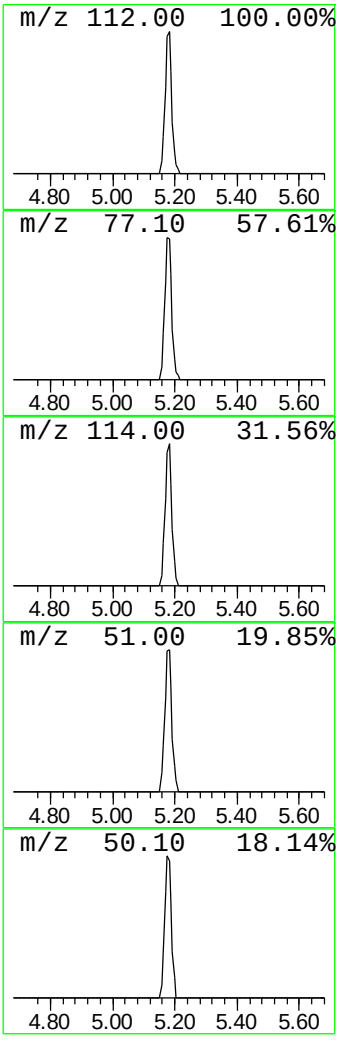
Peak Number 2 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	4.88 ng/ul	89932	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	95
2	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
3	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4	Benzene, chloro-	112	C6H5Cl	000108-90-7	91
5	2-Chloro-3-nitropyridine	158	C5H3ClN2O2	005470-18-8	53





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ClientSampleId : C0AH4

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Quant Title : SVOA CALIBRATION

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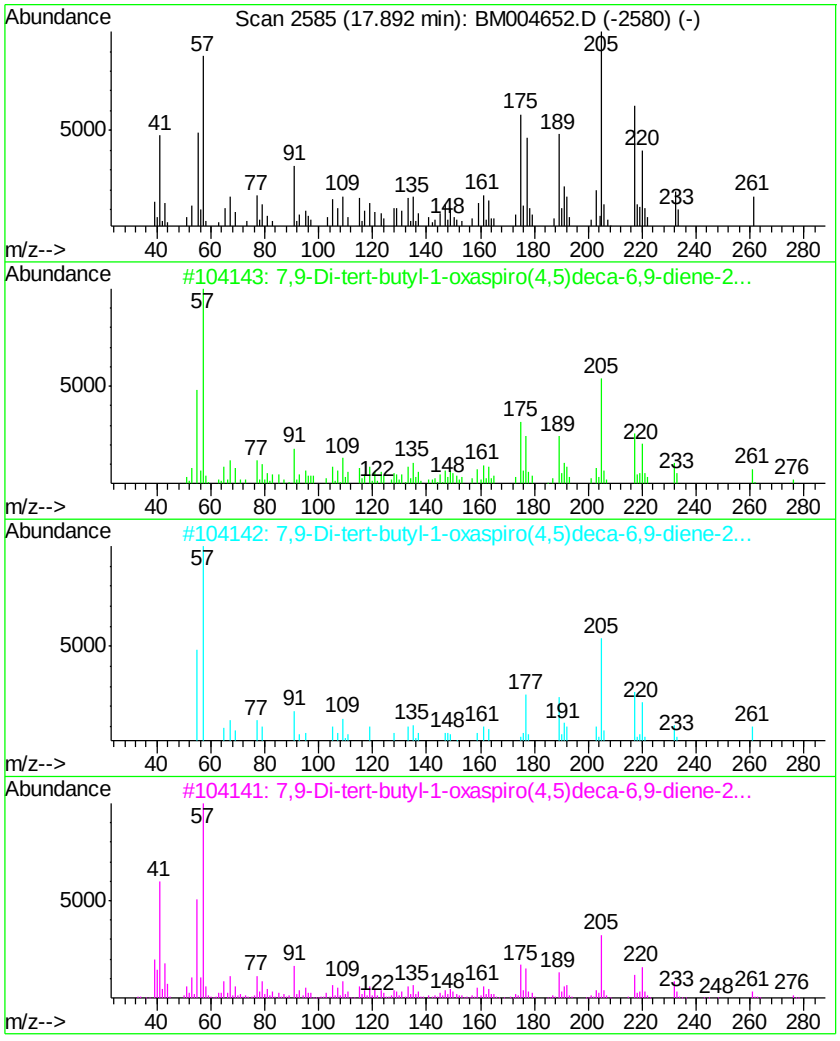
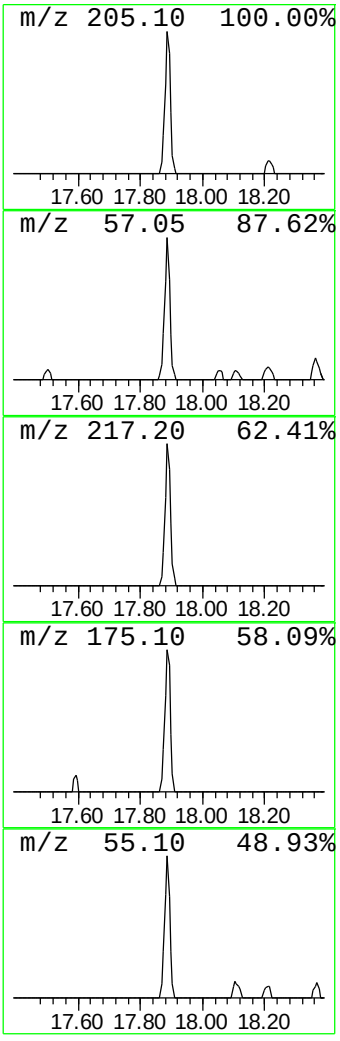
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.41 ng/ul	146602	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	90
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	74
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	45
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	44





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
Furan, tetrahydro-	2.73	4.3	ng/ul	78233	1	7.84	368379	20.0
Benzene, chloro-	5.18	4.9	ng/ul	89932	1	7.84	368379	20.0
7,9-Di-tert-butyl...	17.89	3.4	ng/ul	146602	4	17.22	860802	20.0