LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100317\
Data File : BM011869.D
Acq On : 04 Oct 2017 02:08
Operator : SJ/JU
Sample : I5525-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE9

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-BM100317.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	664	671	683	rBV	318013	568831	4.52%	0.574%
2	7.204	693	700	712	rBV	1060575	1716825	13.65%	1.732%
3	7.404	727	734	749	rBV	1250089	2058714	16.36%	2.077%
4	7.875	806	814	821	rBV	1003076	1662578	13.22%	1.677%
5	8.575	927	933	943	rBV	993429	1703905	13.54%	1.719%
6	8.975	995	1001	1006	rBV	184582	329427	2.62%	0.332%
7	9.039	1006	1012	1019	rBV	1455072	2401072	19.09%	2.422%
8	9.169	1025	1034	1047	rVB	310972	631298	5.02%	0.637%
9	9.763	1125	1135	1148	rBV	1281846	2219972	17.65%	2.240%
10	10.298	1218	1226	1247	rBV	1790459	3236078	25.72%	3.265%
11	10.586	1269	1275	1284	rBV	75108	151334	1.20%	0.153%
12	10.680	1284	1291	1297	rBV	1542741	2558838	20.34%	2.582%
13	13.921	1835	1842	1857	rBV	4480821	6309708	50.16%	6.366%
14	14.210	1885	1891	1909	rBV	4457572	6852715	54.47%	6.914%
15	14.515	1932	1943	1951	rBV2	2605947	4068283	32.34%	4.105%
16	14.592	1951	1956	1963	rVB	92143	138181	1.10%	0.139%
17	14.710	1970	1976	1985	rBV	203760	412527	3.28%	0.416%
18	15.186	2052	2057	2062	rBV	103648	144686	1.15%	0.146%
19	15.510	2103	2112	2119	rBV	6289163	9111986	72.43%	9.193%
20	15.627	2126	2132	2143	rBV	2149263	3018650	24.00%	3.046%
21	15.751	2148	2153	2158	rVB3	83097	132767	1.06%	0.134%
22	17.256	2403	2409	2419	rBV2	3387134	5111544	40.63%	5.157%
23	17.356	2420	2426	2439	rBV	7260215	10513923	83.57%	10.608%
24	17.915	2516	2521	2529	rBV	960094	1206625	9.59%	1.217%
25	19.409	2771	2775	2780	rBV2	118923	161618	1.28%	0.163%
26	19.645	2809	2815	2825	rBV	9136124	12580325	100.00%	12.692%
27	21.427	3113	3118	3125	rBV	4117661	5586095	44.40%	5.636%
28	23.609	3481	3489	3501	rBV2	4824808	9826736	78.11%	9.914%
29	23.756	3507	3514	3528	rVB2	2276421	4701049	37.37%	4.743%

Sum of corrected areas: 99116290

LSC Report - Integrated Chromatogram

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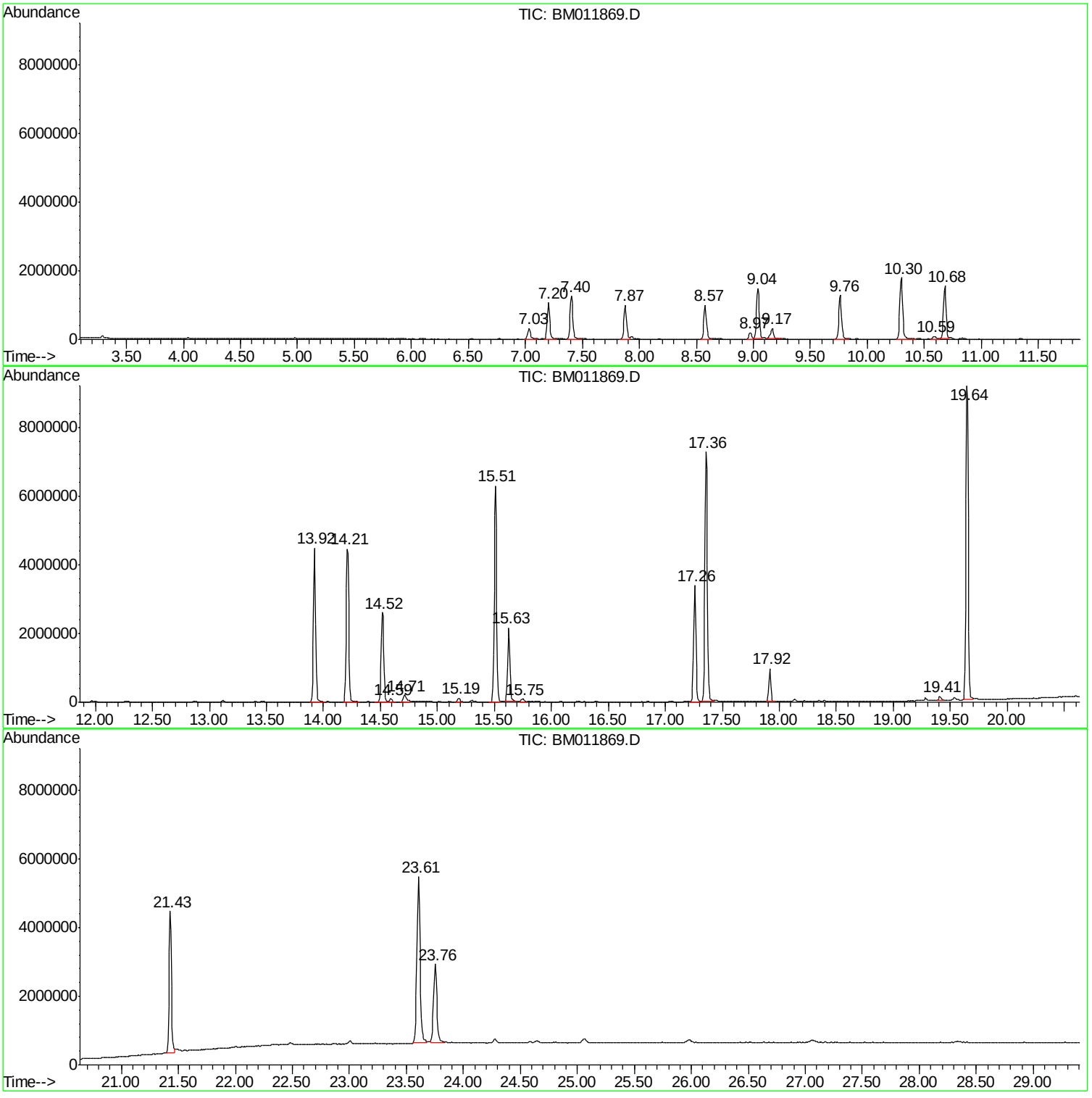
BNA_M
ClientSampleId :
C0AE9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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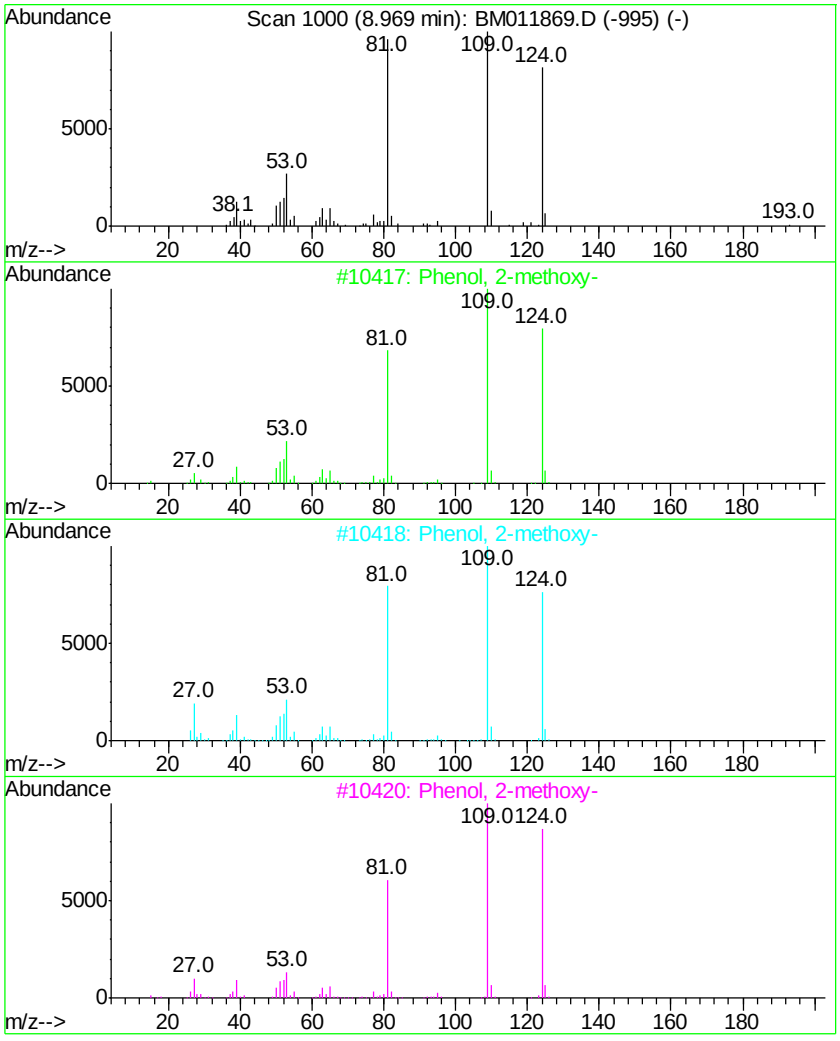
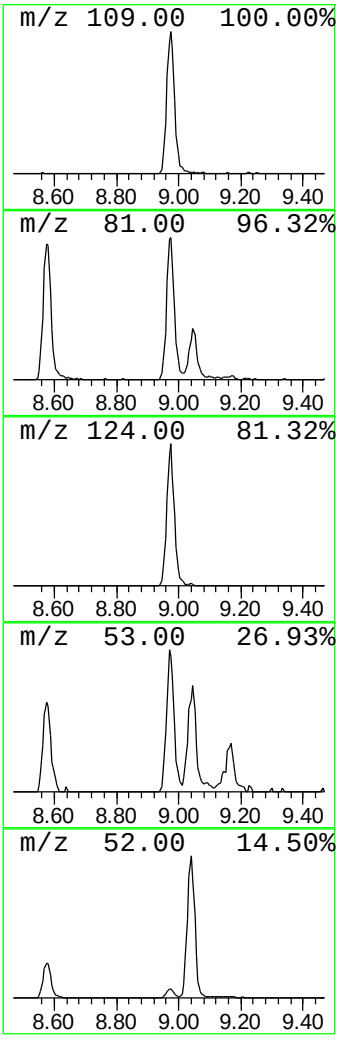
Peak Number 1 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	3.96 ng/ul	329427	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Mequinol	124	C7H8O2	000150-76-5	90
5	Mequinol	124	C7H8O2	000150-76-5	87





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Quant Title : SVOA CALIBRATION

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

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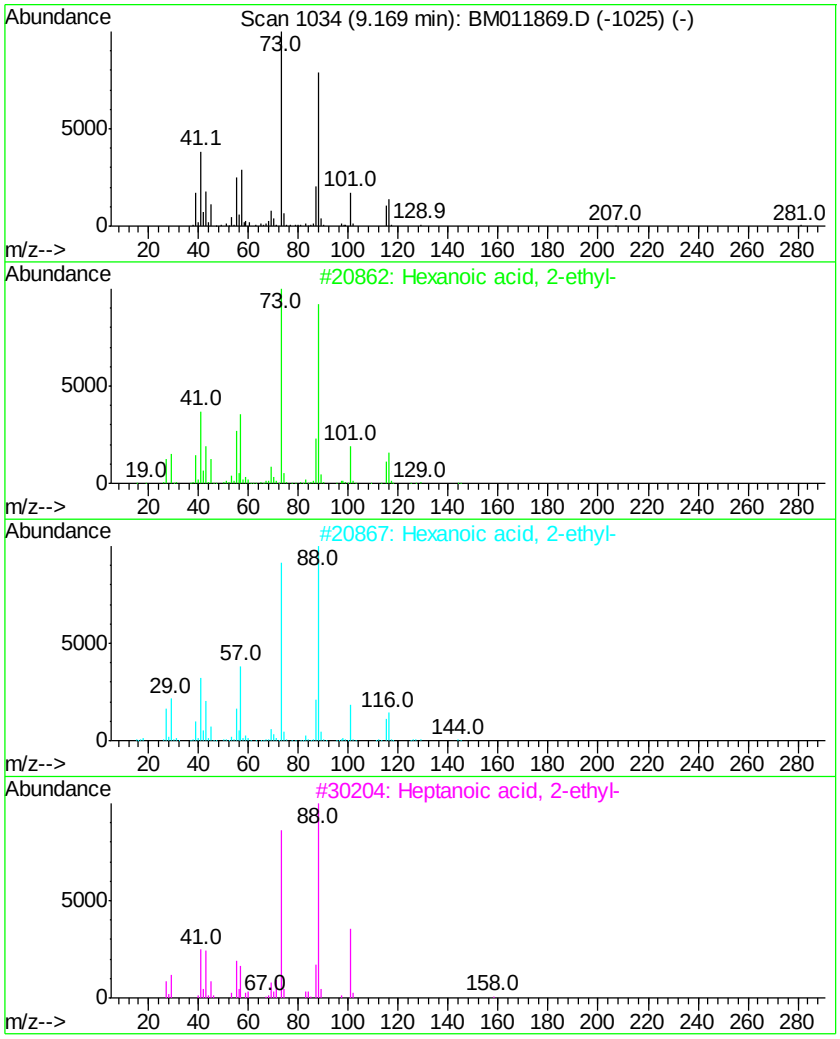
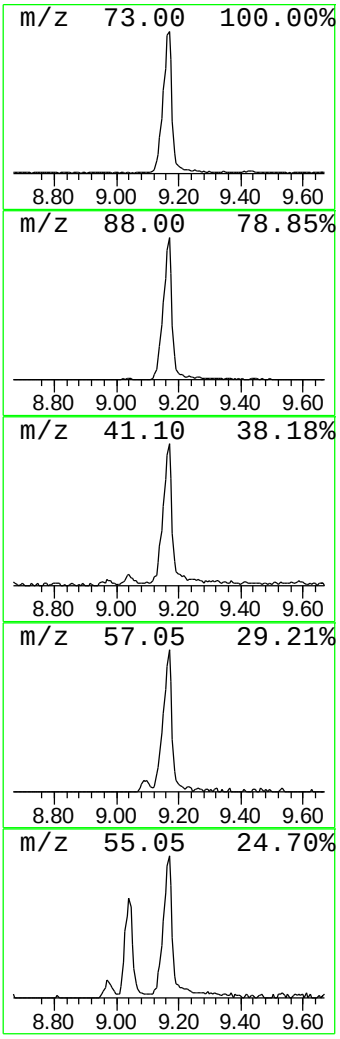
Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	7.59 ng/ul	631298	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
5	Dithiocarbamic acid, N,N-dimethy...	477	C13H12F9N3S3	1000268-72-7	45





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ClientSampleId : C0AE9

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Quant Title : SVOA CALIBRATION

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

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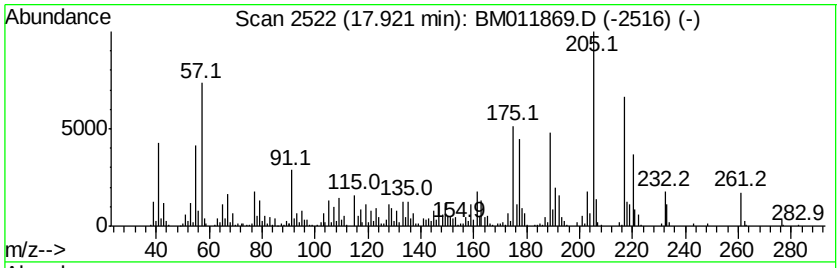
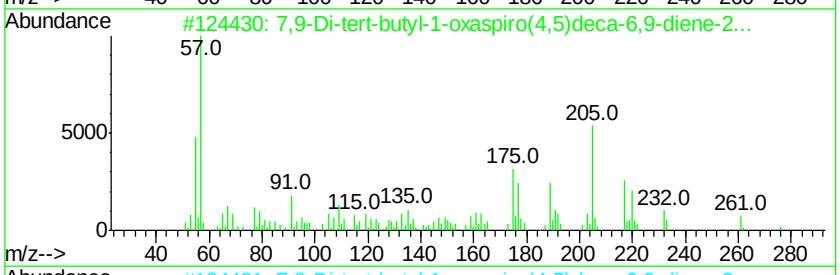
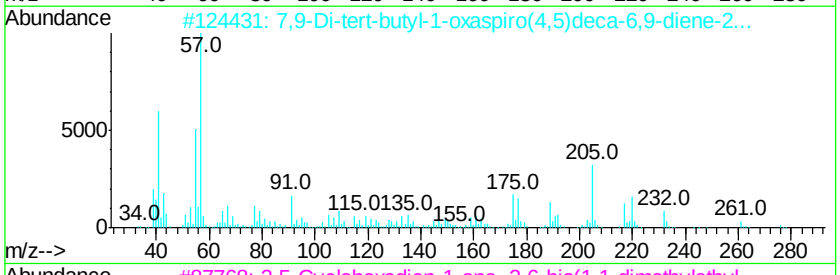
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

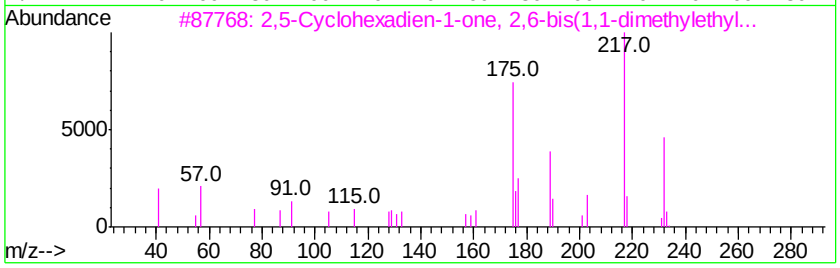
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.72 ng/ul	1206630	Phenanthrene-d10	17.26

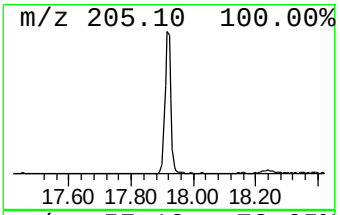
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	81
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	44

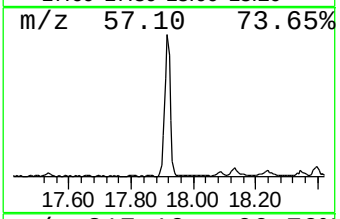


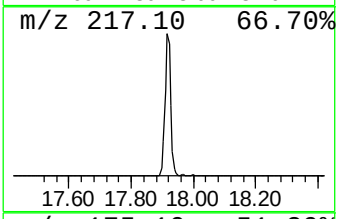


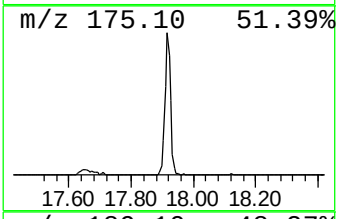


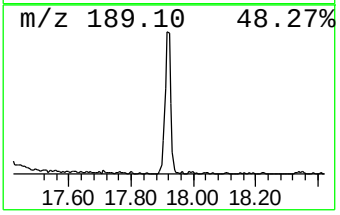












Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, 2-methoxy-	8.97	4.0	ng/ul	329427	1	7.87	1662580	20.0
Hexanoic acid, 2-...	9.17	7.6	ng/ul	631298	1	7.87	1662580	20.0
7,9-Di-tert-butyl...	17.92	4.7	ng/ul	1206630	4	17.26	5111540	20.0