LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100317\
Data File : BM011864.D
Acq On : 03 Oct 2017 23:08
Operator : SJ/JU
Sample : I5525-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AE6

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	665	671	686	rBV	239618	440399	4.09%	0.546%
2	7.204	693	700	712	rBV	761146	1267608	11.77%	1.572%
3	7.404	726	734	750	rBV	920392	1557070	14.46%	1.931%
4	7.875	807	814	821	rBV	770100	1315445	12.21%	1.631%
5	8.575	927	933	944	rBV	743326	1279802	11.88%	1.587%
6	8.975	995	1001	1006	rBV	158589	269758	2.50%	0.335%
7	9.039	1006	1012	1019	rVV	1050109	1759909	16.34%	2.183%
8	9.163	1025	1033	1047	rVB	256864	501327	4.65%	0.622%
9	9.763	1126	1135	1150	rBV	913543	1625736	15.09%	2.016%
10	10.298	1218	1226	1242	rBV	1344671	2396317	22.25%	2.972%
11	10.592	1270	1276	1284	rBV	54142	116439	1.08%	0.144%
12	10.681	1284	1291	1297	rBV	1202264	2026983	18.82%	2.514%
13	13.921	1833	1842	1858	rBV	3158057	4440451	41.23%	5.507%
14	14.210	1885	1891	1904	rBV	3205759	4931748	45.79%	6.117%
15	14.516	1936	1943	1952	rBV2	2012492	3144874	29.20%	3.900%
16	14.716	1972	1977	1985	rBV	133462	274020	2.54%	0.340%
17	15.186	2052	2057	2062	rBV2	71258	108463	1.01%	0.135%
18	15.510	2105	2112	2120	rBV	4582395	6609003	61.36%	8.197%
19	15.627	2126	2132	2148	rBV	1474657	2103176	19.53%	2.608%
20	17.257	2403	2409	2420	rBV2	2746747	4077638	37.86%	5.057%
21	17.357	2420	2426	2440	rVV2	5022588	7620437	70.76%	9.451%
22	17.915	2516	2521	2530	rBV	731290	893311	8.29%	1.108%
23	19.409	2771	2775	2787	rBV3	113061	190828	1.77%	0.237%
24	19.645	2809	2815	2826	rBV	7091386	9811398	91.10%	12.168%
25	21.427	3113	3118	3127	rBV	3901764	5408882	50.22%	6.708%
26	23.609	3481	3489	3505	rBV2	5326493	10770100	100.00%	13.357%
27	23.756	3507	3514	3528	rVB	2725012	5688656	52.82%	7.055%

Sum of corrected areas: 80629778

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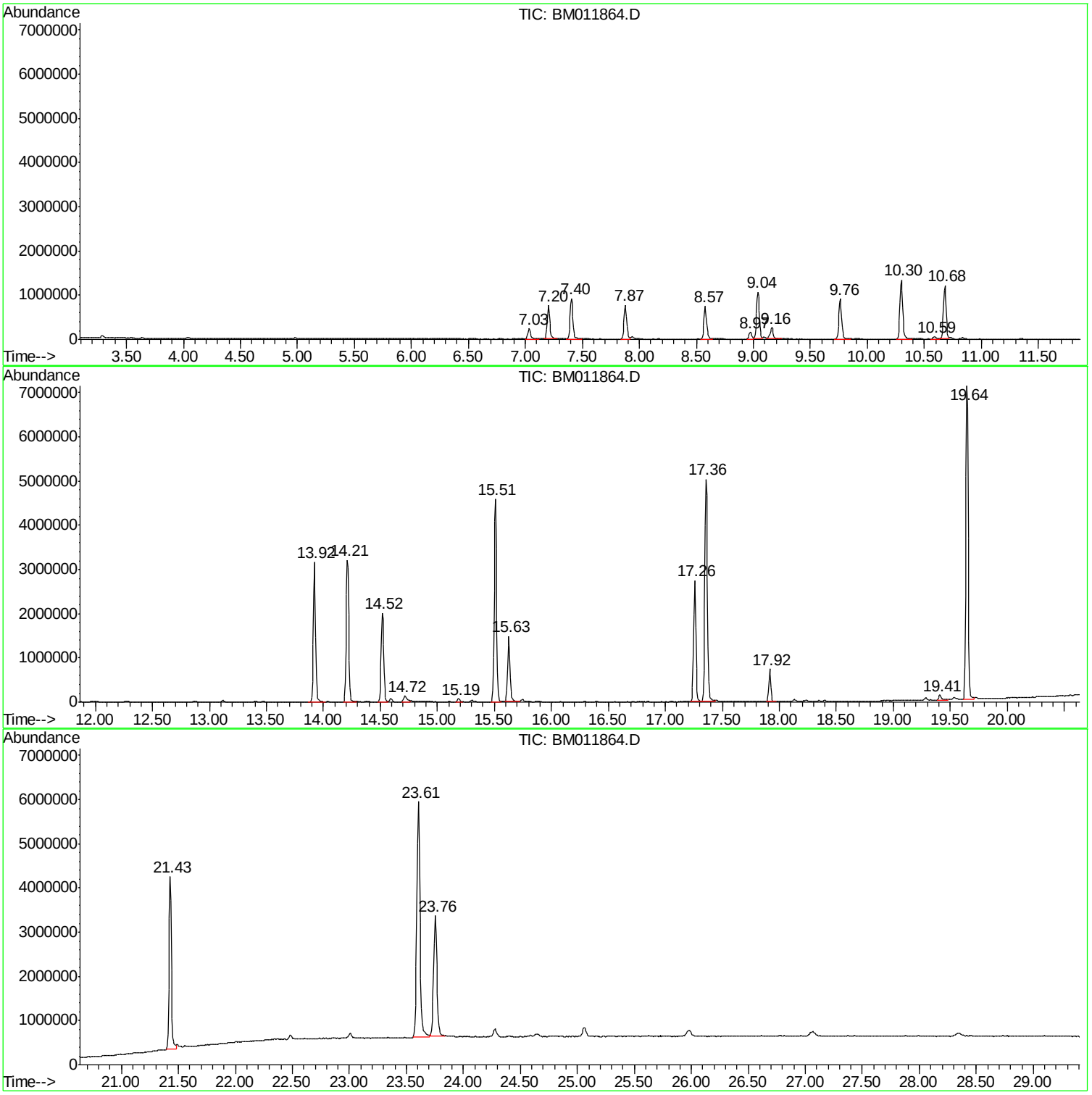
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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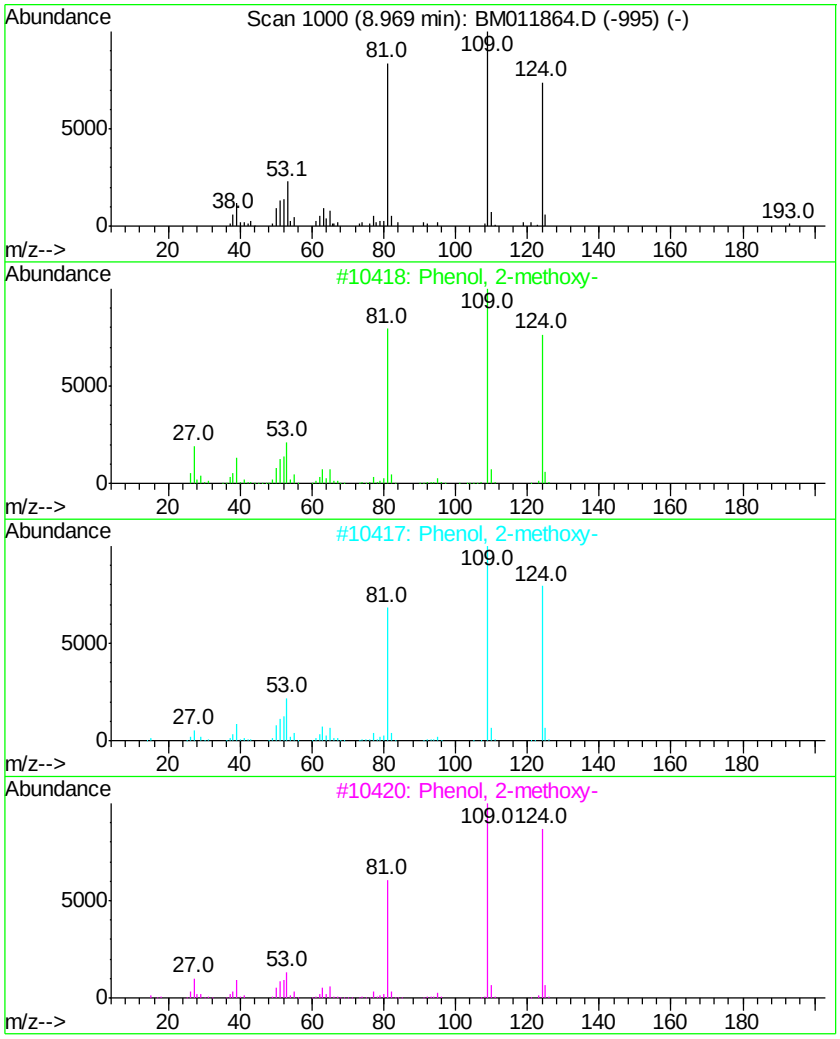
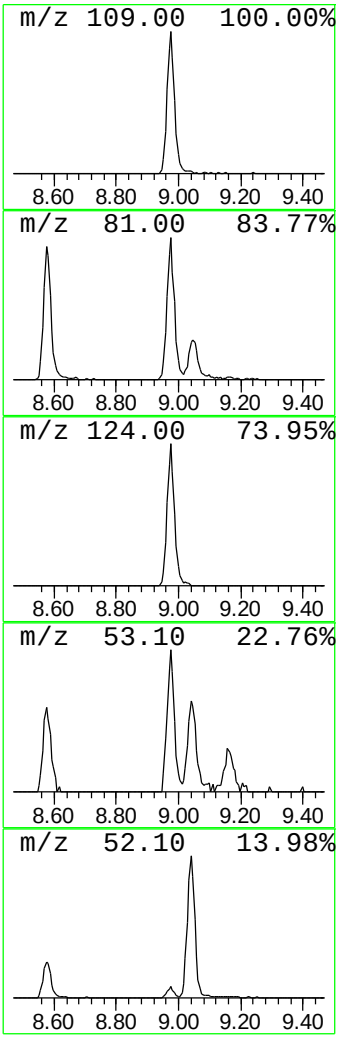
Peak Number 1 Phenol, 2-methoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	4.10 ng/ul	269758	1,4-Dichlorobenzene-d4	7.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
4	Mequinol	124	C7H8O2	000150-76-5	64
5	Mequinol	124	C7H8O2	000150-76-5	64





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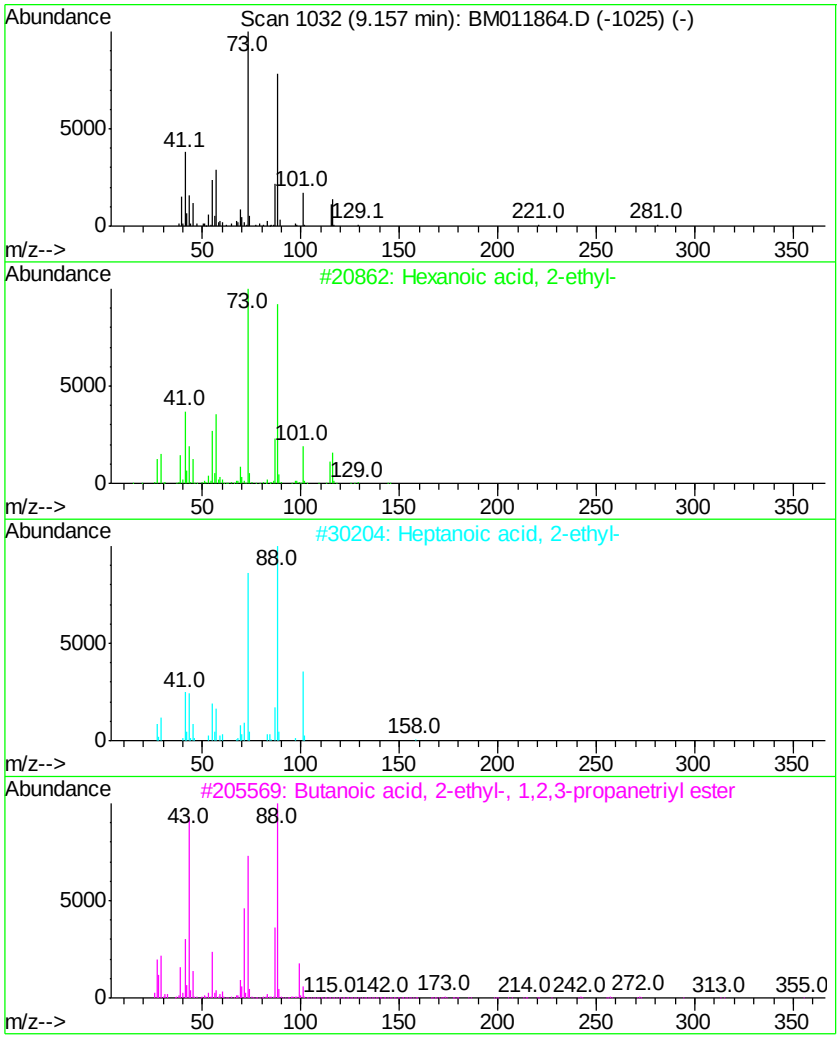
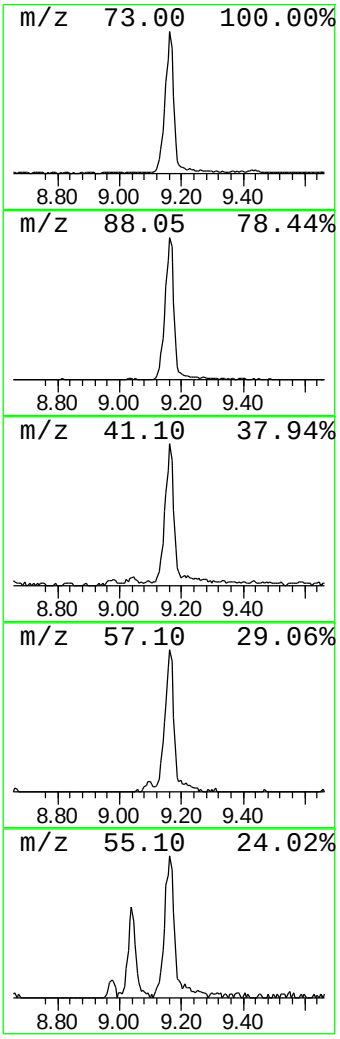
Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.16	7.62 ng/ul	501327	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	91
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	53
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	53
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50





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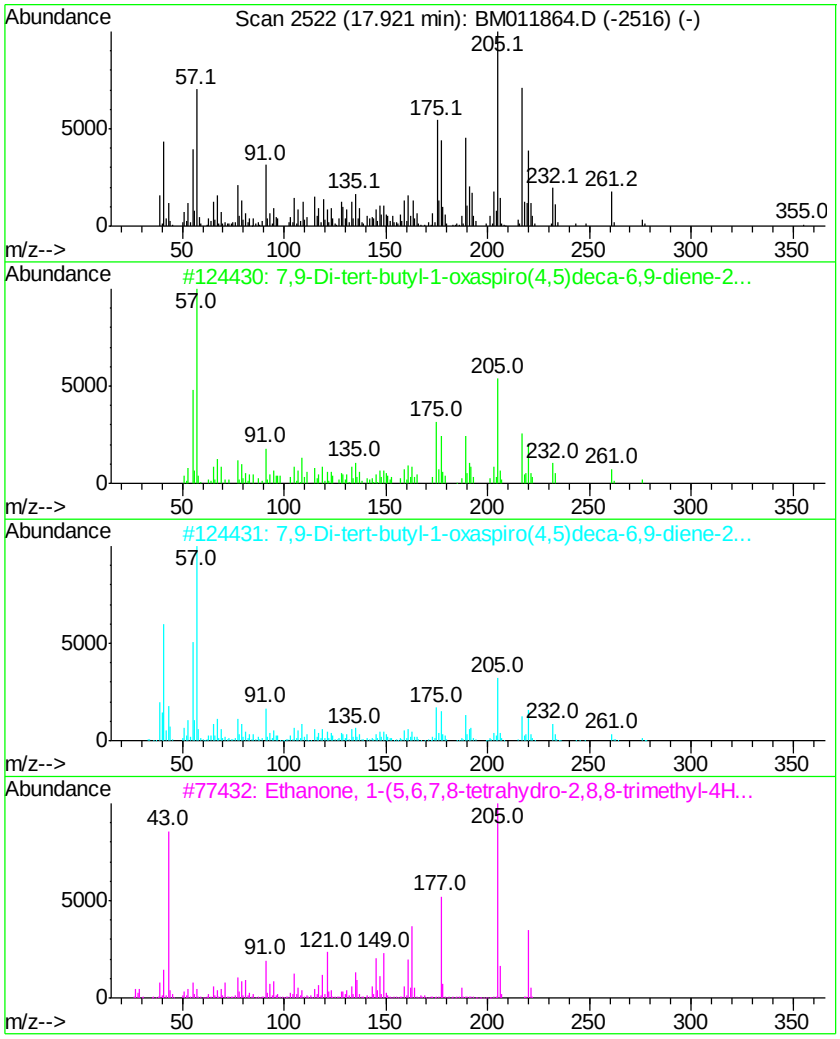
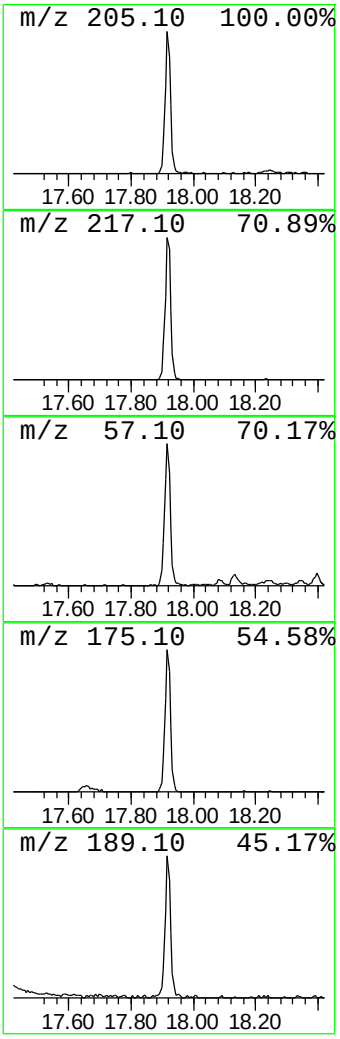
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.38 ng/ul	893311	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	93
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
4	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	42
5	3-(2-Chloroethyl)-7,8-dihydroxy-...	254	C12H11ClO4	104295-88-7	35





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	4.1	ng/ul	269758	1	7.87	1315450	20.0
Hexanoic acid, 2-...	9.16	7.6	ng/ul	501327	1	7.87	1315450	20.0
7,9-Di-tert-butyl...	17.92	4.4	ng/ul	893311	4	17.26	4077640	20.0