LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050317\
Data File : BM009871.D
Acq On : 03 May 2017 13:07
Operator : SJ/MA
Sample : I2842-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDCA5

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-BM042517.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	5.893	469	477	488	rVB	33756	68756	1.55%	0.192%
2	6.987	657	663	671	rBV3	120582	209913	4.72%	0.586%
3	7.140	679	689	698	rBV	432045	682215	15.34%	1.904%
4	7.339	716	723	732	rBV	453883	736625	16.56%	2.056%
5	7.804	795	802	807	rBV	428453	677438	15.23%	1.891%
6	7.857	807	811	823	rVB2	49175	87421	1.97%	0.244%
7	8.522	917	924	933	rBV	336306	578946	13.02%	1.616%
8	8.975	994	1001	1012	rBV	599611	1003006	22.55%	2.800%
9	9.692	1116	1123	1133	rBV2	517148	881522	19.82%	2.460%
10	10.233	1206	1215	1227	rBV	595614	1078545	24.25%	3.010%
11	10.604	1269	1278	1285	rBV	556624	949110	21.34%	2.649%
12	13.863	1825	1832	1839	rBV	1442954	1994662	44.85%	5.567%
13	14.151	1874	1881	1891	rBV	1488605	2192900	49.31%	6.121%
14	14.457	1926	1933	1941	rVB2	882052	1346683	30.28%	3.759%
15	14.698	1969	1974	1983	rBV3	90715	202851	4.56%	0.566%
16	15.451	2095	2102	2110	rBV	2020917	2803852	63.04%	7.826%
17	15.592	2120	2126	2135	rBV	762625	1081474	24.32%	3.019%
18	17.209	2395	2401	2408	rVB	1226120	1725626	38.80%	4.817%
19	17.309	2410	2418	2425	rBV2	2389581	3418197	76.86%	9.541%
20	17.856	2505	2511	2517	rBV	237264	324227	7.29%	0.905%
21	19.239	2742	2746	2749	rBV2	43322	56000	1.26%	0.156%
22	19.603	2803	2808	2814	rBV	3163665	4359559	98.02%	12.168%
23	19.650	2814	2816	2823	rVB3	59913	79542	1.79%	0.222%
24	21.392	3107	3112	3118	rBV	2048282	2548396	57.30%	7.113%
25	23.562	3475	3481	3491	rVB2	2347914	4447548	100.00%	12.414%
26	23.703	3500	3505	3515	rVB	1163200	2292356	51.54%	6.398%

Sum of corrected areas: 35827370

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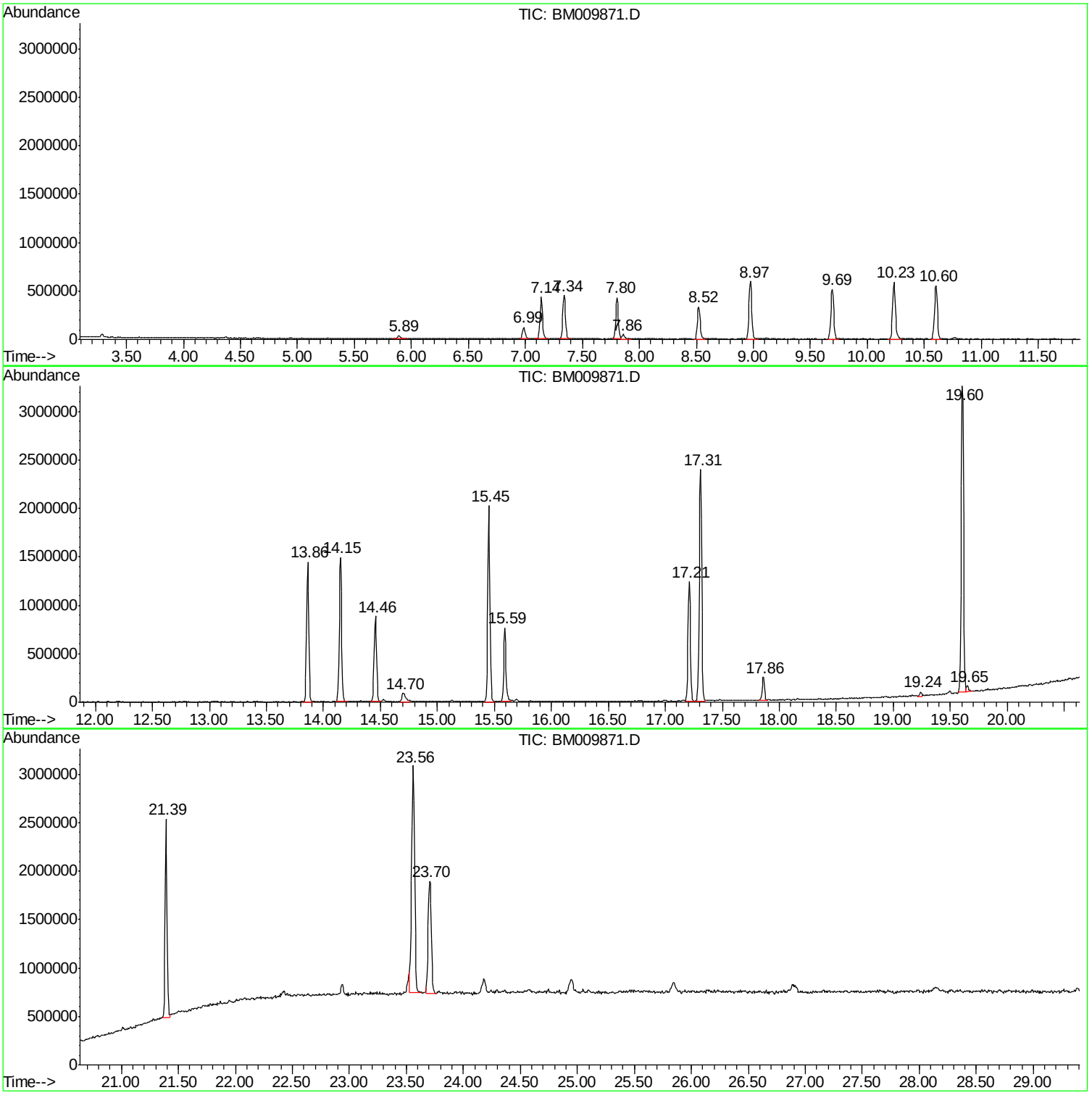
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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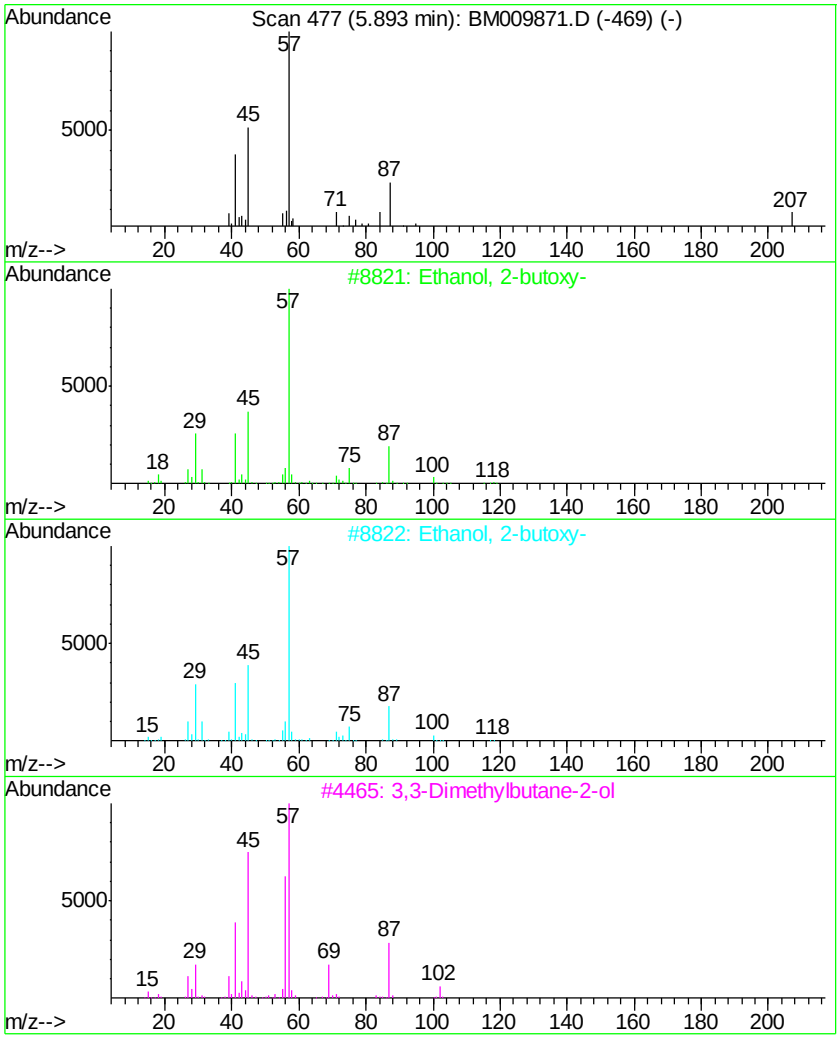
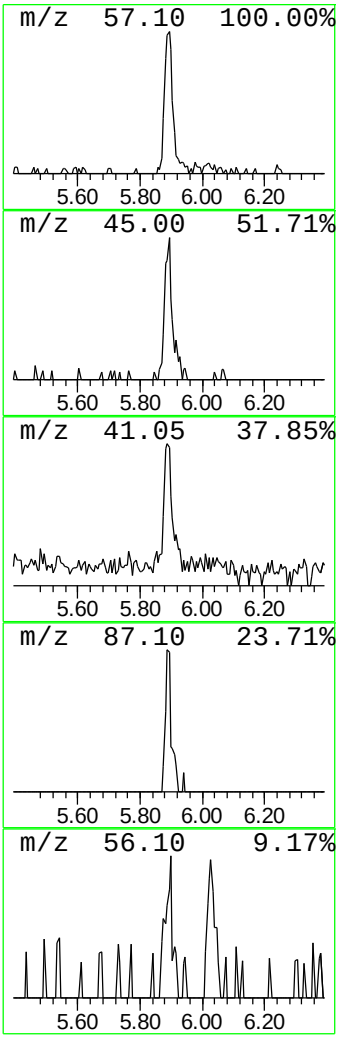
Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	2.03 ng/ul	68756	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	33
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	33
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	33
4	Propanoic acid, 2,2-dimethyl-, s...	208	C5H9AgO2	007324-58-5	12
5	Isobutyl ether	130	C8H18O	000628-55-7	10





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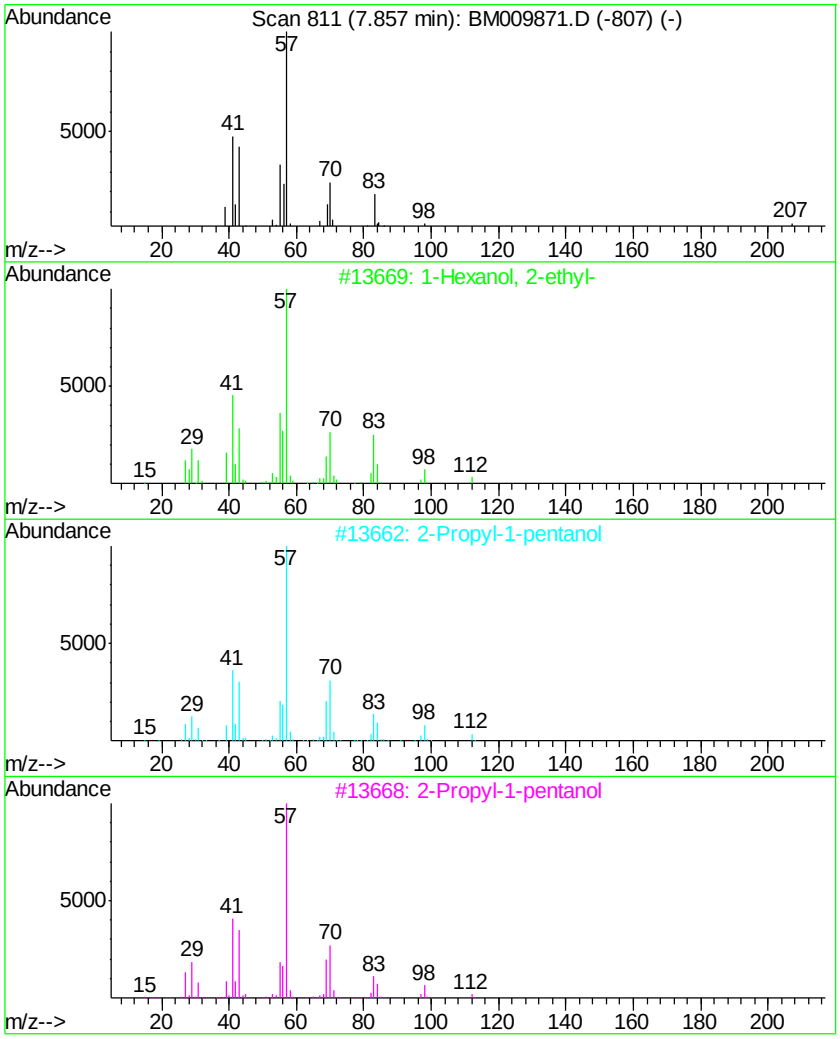
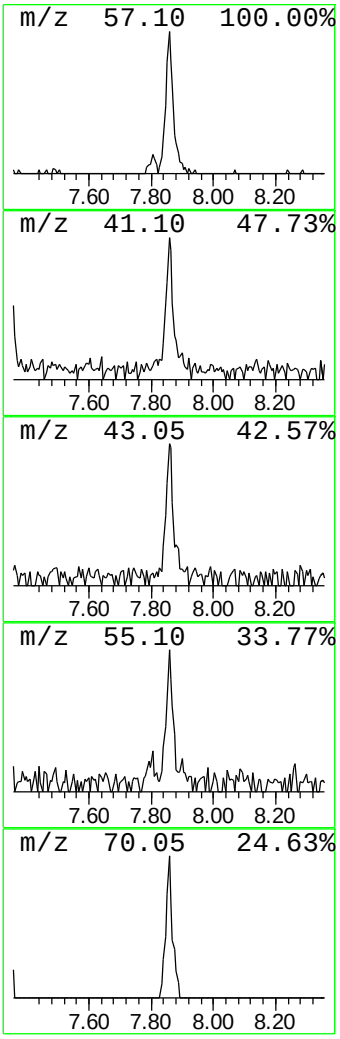
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	2.58 ng/ul	87421	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59





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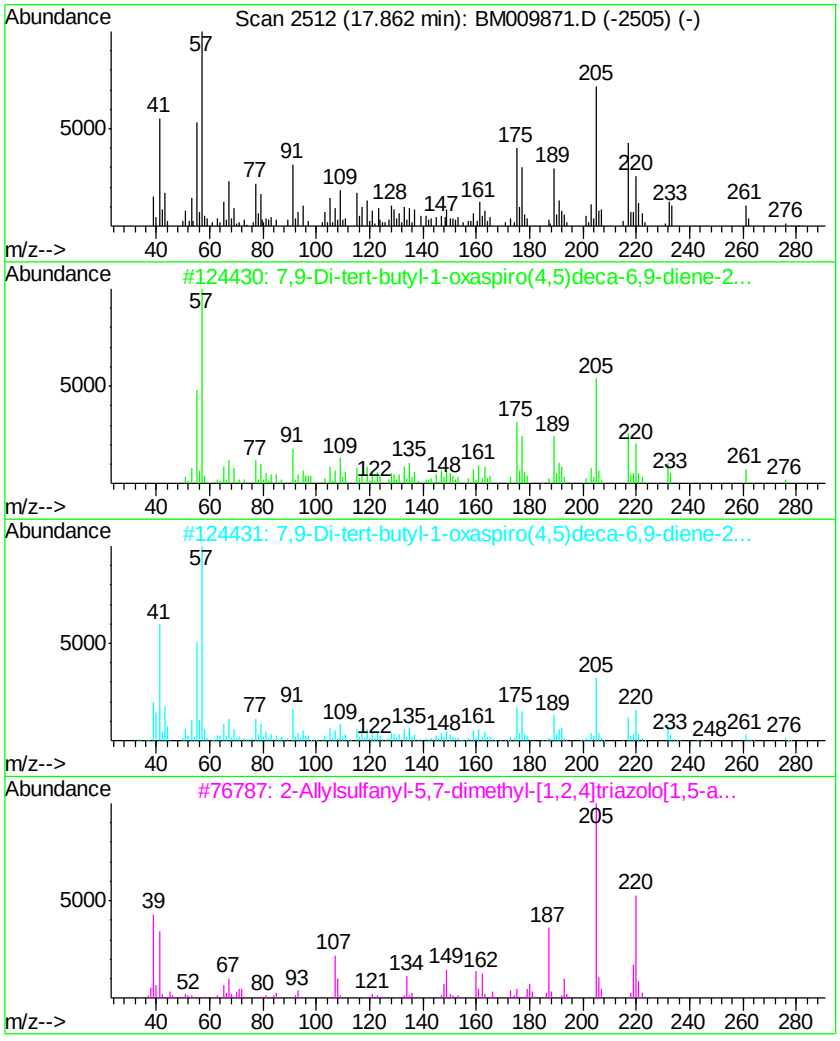
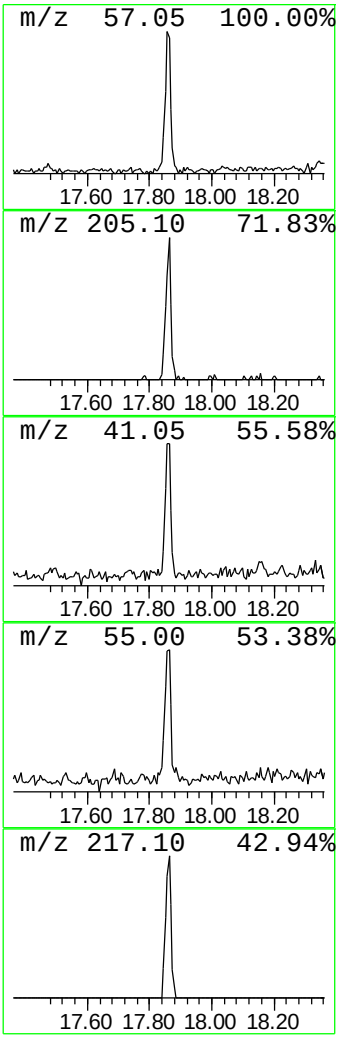
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	3.76 ng/ul	324227	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	94
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	64
3	2-Allylsulfanyl-5,7-dimethyl-[1,...	220	C10H12N4S	1000300-84-5	47
4	9-Acetylphenanthrene	220	C16H12O	002039-77-2	38
5	Isoshyobunone	220	C15H24O	1000360-30-1	35





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	5.89	2.0	ng/ul	68756	1	7.80	677438	20.0
1-Hexanol, 2-ethyl-	7.86	2.6	ng/ul	87421	1	7.80	677438	20.0
7,9-Di-tert-butyl...	17.86	3.8	ng/ul	324227	4	17.21	1725630	20.0