LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091718\
Data File : BM016784.D
Acq On : 18 Sep 2018 01:06
Operator : SJ/JU
Sample : J4896-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08T1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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	3.022	3	6	25	rVB	2485688	3042071	37.52%	4.265%
2	3.269	45	48	56	rVB3	25724	38002	0.47%	0.053%
3	3.893	150	154	159	rVB2	19106	26011	0.32%	0.036%
4	4.340	225	230	237	rVB	38185	55452	0.68%	0.078%
5	5.081	353	356	362	rVB3	9146	12038	0.15%	0.017%
6	5.810	477	480	484	rVB3	7201	10001	0.12%	0.014%
7	5.857	484	488	494	rVB2	7501	10118	0.12%	0.014%
8	5.969	501	507	512	rBV7	5016	10569	0.13%	0.015%
9	6.693	627	630	635	rBV4	7017	11196	0.14%	0.016%
10	6.845	650	656	657	rBV	8709	11639	0.14%	0.016%
11	6.893	657	664	673	rVB	320832	583101	7.19%	0.818%
12	7.069	687	694	705	rBV	1096261	1609579	19.85%	2.257%
13	7.263	720	727	740	rBV	1142801	1787968	22.05%	2.507%
14	7.369	740	745	751	rVV5	5410	8535	0.11%	0.012%
15	7.428	751	755	759	rVB3	6546	9314	0.11%	0.013%
16	7.504	762	768	772	rBV5	5802	11462	0.14%	0.016%
17	7.728	800	806	814	rBV	950555	1500629	18.51%	2.104%
18	7.792	814	817	823	rVB2	25554	39422	0.49%	0.055%
19	8.075	855	865	874	rVV3	32438	61670	0.76%	0.086%
20	8.328	903	908	914	rBV5	17193	30616	0.38%	0.043%
21	8.428	918	925	936	rVV	861678	1381761	17.04%	1.937%
22	8.551	940	946	952	rVB2	12167	23834	0.29%	0.033%
23	8.816	985	991	995	rBV	74349	120951	1.49%	0.170%
24	8.875	995	1001	1008	rBV	1213431	2010266	24.79%	2.818%
25	9.045	1027	1030	1038	rVB3	14587	22526	0.28%	0.032%
26	9.310	1069	1075	1079	rVB2	19294	26566	0.33%	0.037%
27	9.592	1116	1123	1136	rBV	876714	1448672	17.87%	2.031%
28	9.934	1175	1181	1183	rBV5	6277	9275	0.11%	0.013%
29	10.128	1207	1214	1225	rBV	1503056	2461787	30.36%	3.452%
30	10.369	1250	1255	1259	rBV	67667	111627	1.38%	0.157%
31	10.416	1259	1263	1271	rVV	75446	131701	1.62%	0.185%
32	10.510	1271	1279	1285	rVV	1227096	2080000	25.65%	2.916%
33	10.569	1285	1289	1295	rVV4	11295	18854	0.23%	0.026%
34	10.645	1295	1302	1310	rVB	39367	74044	0.91%	0.104%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

35	10.886	1339	1343	1350	rVB4	6570	10938	0.13%	0.015%
36	11.063	1366	1373	1377	rBV5	5583	11818	0.15%	0.017%
37	11.116	1377	1382	1386	rBV3	6955	11977	0.15%	0.017%
38	11.792	1491	1497	1504	rVB2	132299	211781	2.61%	0.297%
39	12.098	1541	1549	1555	rBV2	33699	53171	0.66%	0.075%
40	12.651	1639	1643	1648	rVB3	10925	14623	0.18%	0.021%
41	12.974	1694	1698	1703	rBV3	5864	10219	0.13%	0.014%
42	13.157	1722	1729	1733	rBV	34936	49430	0.61%	0.069%
43	13.210	1733	1738	1742	rVB	7779	10405	0.13%	0.015%
44	13.280	1744	1750	1757	rBV	135587	206007	2.54%	0.289%
45	13.780	1828	1835	1846	rBV	2730403	3706307	45.71%	5.196%
46	14.057	1873	1882	1890	rBV	3204592	4645522	57.30%	6.513%
47	14.368	1926	1935	1943	rBV2	1694475	2653357	32.73%	3.720%
48	14.451	1946	1949	1955	rVB	32567	43102	0.53%	0.060%
49	14.557	1962	1967	1975	rBV	239326	337165	4.16%	0.473%
50	15.051	2045	2051	2057	rBV	35575	50904	0.63%	0.071%
51	15.363	2097	2104	2114	rBV	4198345	5944563	73.32%	8.334%
52	15.474	2117	2123	2139	rVV	970259	1309403	16.15%	1.836%
53	15.598	2139	2144	2149	rVB2	45757	63961	0.79%	0.090%
54	15.733	2163	2167	2172	rVB2	17083	21999	0.27%	0.031%
55	16.715	2330	2334	2339	rVB7	6226	10080	0.12%	0.014%
56	16.904	2361	2366	2372	rBV3	8300	13084	0.16%	0.018%
57	17.115	2394	2402	2408	rBV	2050977	2938296	36.24%	4.120%
58	17.215	2411	2419	2431	rBV	4474827	6524787	80.47%	9.148%
59	17.792	2512	2517	2522	rBV	396650	471028	5.81%	0.660%
60	18.021	2552	2556	2564	rBV4	20308	30082	0.37%	0.042%
61	18.092	2565	2568	2573	rVV2	6174	8887	0.11%	0.012%
62	19.139	2742	2746	2753	rVB	49845	72126	0.89%	0.101%
63	19.303	2771	2774	2780	rBV6	21673	24938	0.31%	0.035%
64	19.392	2786	2789	2794	rVB	40108	47635	0.59%	0.067%
65	19.509	2803	2809	2817	rBV	5811466	7548340	93.10%	10.583%
66	21.297	3108	3113	3121	rBV	2706804	3621481	44.67%	5.077%
67	23.397	3463	3470	3478	rBV	4449048	8108008	100.00%	11.368%
68	23.538	3488	3494	3507	rVB2	1946851	3748246	46.23%	5.255%

Sum of corrected areas: 71324927

LSC Report - Integrated Chromatogram

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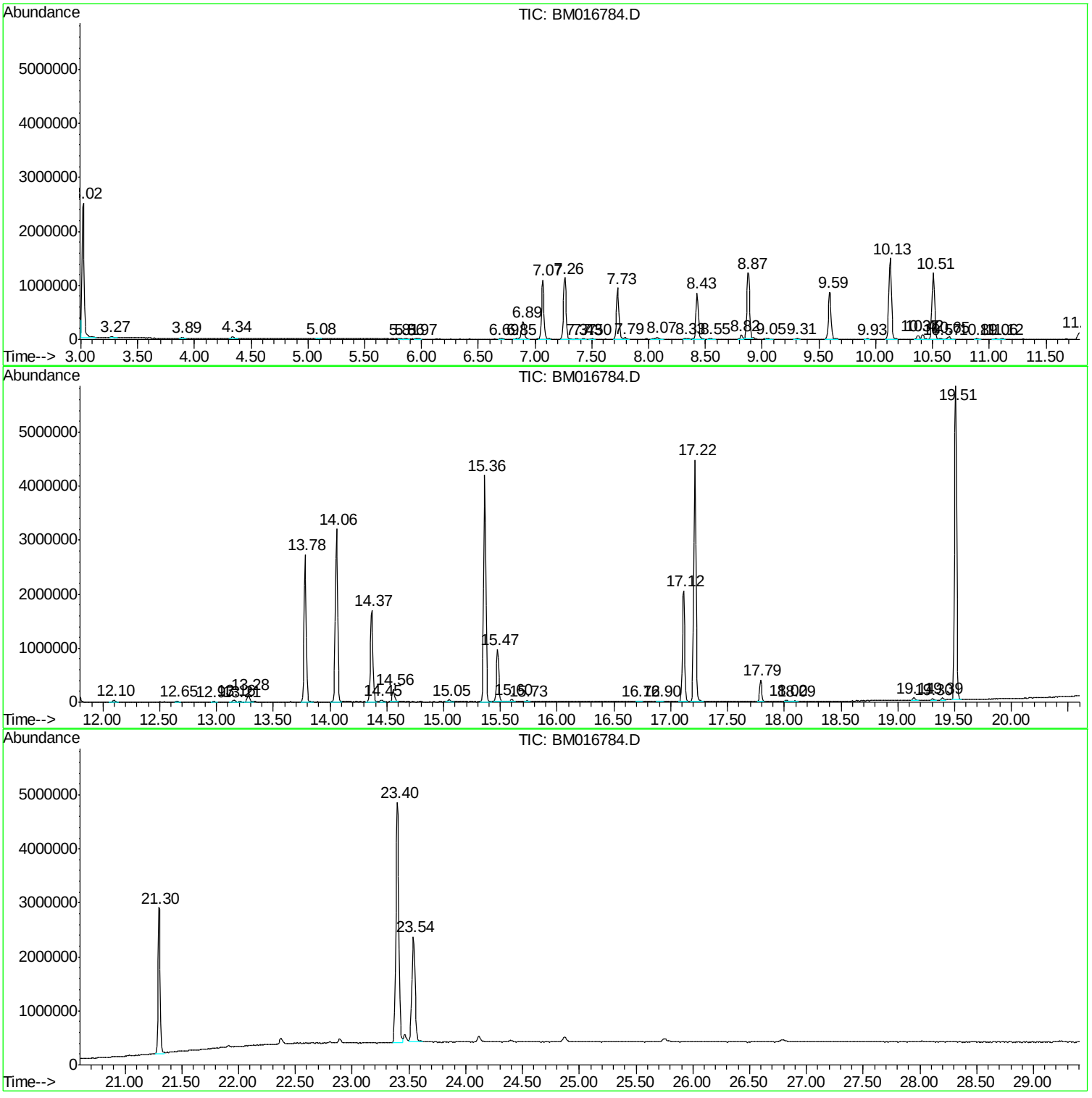
ClientSampleId : C08T1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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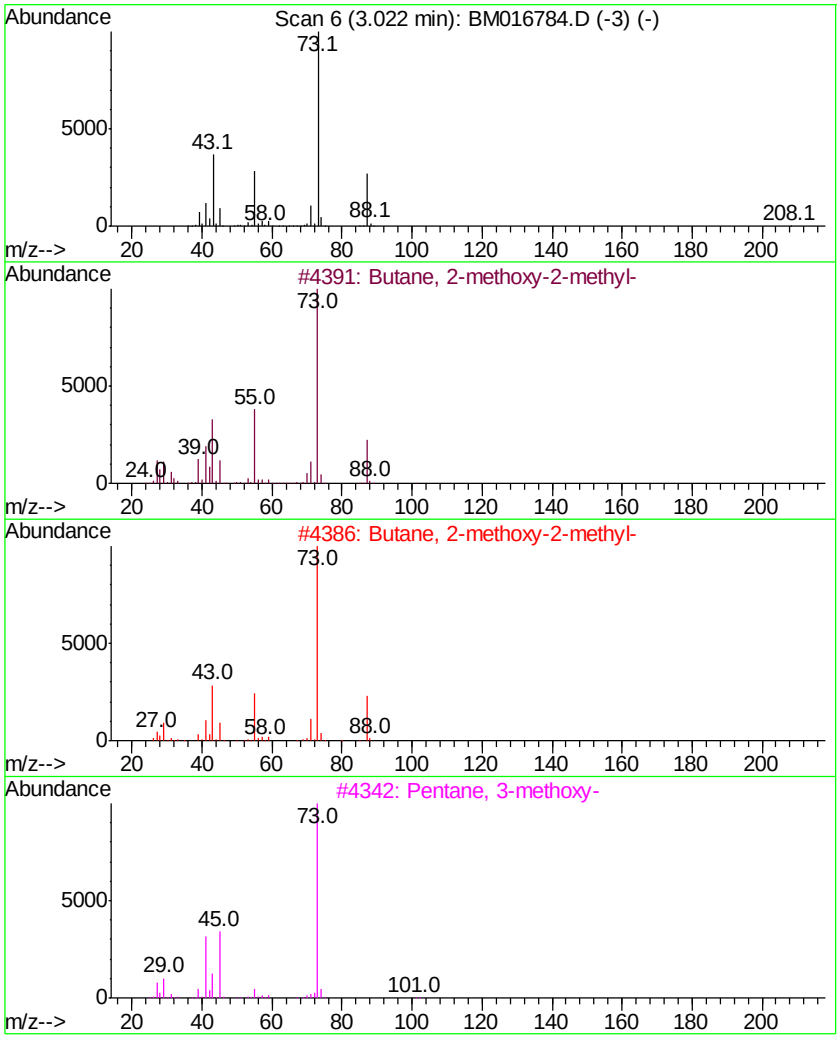
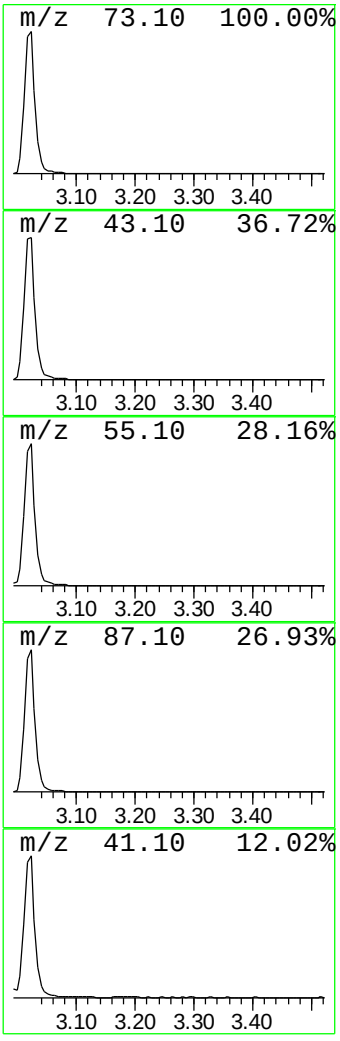
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	40.54 ng/ul	3042070	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Quant Title : SVOA CALIBRATION

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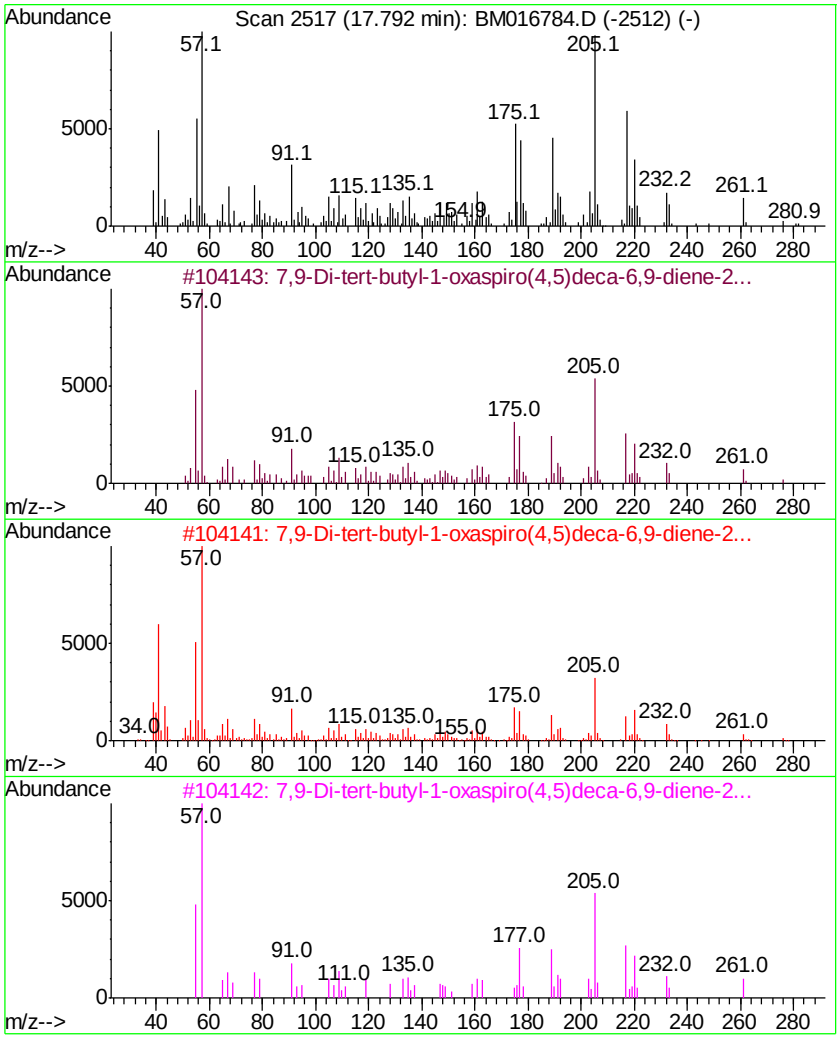
TIC Integration Parameters: LSCINT.P

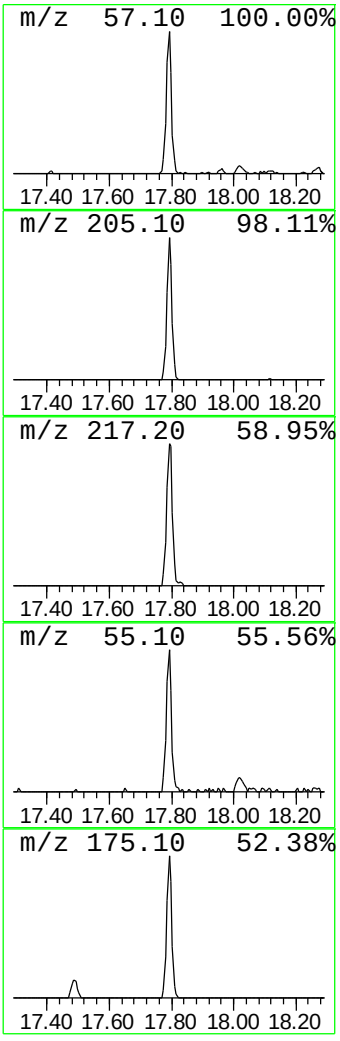
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	3.21 ng/ul	471028	Phenanthrene-d10	17.12

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	99
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	87
4	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	55
5	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	49





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	40.5	ng/ul	3042070	1	7.73	1500630	20.0
7,9-Di-tert-butyl...	17.79	3.2	ng/ul	471028	4	17.12	2938300	20.0