LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019804.D
Acq On : 08 Apr 2019 20:49
Operator : JU/SJ
Sample : K2217-15DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF605DL

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-BM032219MA.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	4.910	322	327	333	rBV	21347	33138	0.78%	0.171%
2	6.769	638	643	663	rBV3	21168	82756	1.96%	0.426%
3	6.934	665	671	677	rBV	22767	53017	1.26%	0.273%
4	7.098	694	699	708	rBV	39011	73384	1.74%	0.378%
5	7.557	769	777	794	rBV	388014	709220	16.80%	3.653%
6	7.904	831	836	845	rBV4	12260	22901	0.54%	0.118%
7	8.310	900	905	910	rBV4	10582	22435	0.53%	0.116%
8	8.345	910	911	918	rVB4	3708	5329	0.13%	0.027%
9	8.745	974	979	992	rBV	34607	82594	1.96%	0.425%
10	9.451	1094	1099	1111	rBV2	26544	63362	1.50%	0.326%
11	10.022	1191	1196	1212	rBV3	17180	60425	1.43%	0.311%
12	10.333	1242	1249	1264	rBV	627120	1116118	26.44%	5.748%
13	10.557	1281	1287	1297	rBV5	14820	47371	1.12%	0.244%
14	11.075	1369	1375	1376	rBV	2959	4802	0.11%	0.025%
15	11.916	1512	1518	1524	rBV2	3803	6977	0.17%	0.036%
16	13.039	1700	1709	1717	rBV3	23033	50383	1.19%	0.259%
17	13.645	1807	1812	1818	rBV	134673	217627	5.15%	1.121%
18	13.698	1818	1821	1828	rVB	22299	33963	0.80%	0.175%
19	13.916	1852	1858	1870	rBV	156228	247753	5.87%	1.276%
20	14.216	1903	1909	1923	rBV2	1045801	1618734	38.34%	8.337%
21	14.563	1962	1968	1969	rBV3	5394	6604	0.16%	0.034%
22	14.651	1979	1983	1994	rBV2	43050	73620	1.74%	0.379%
23	15.057	2050	2052	2059	rVB3	4013	5379	0.13%	0.028%
24	15.227	2075	2081	2098	rBV	220031	362382	8.58%	1.866%
25	15.398	2105	2110	2117	rBV2	18017	32645	0.77%	0.168%
26	15.933	2195	2201	2209	rBV5	9090	23084	0.55%	0.119%
27	15.998	2209	2212	2218	rVB4	3059	5086	0.12%	0.026%
28	16.086	2218	2227	2238	rBV	48340	80465	1.91%	0.414%
29	16.262	2254	2257	2262	rBV4	3637	6088	0.14%	0.031%
30	16.386	2272	2278	2284	rBV3	18652	34237	0.81%	0.176%
31	16.721	2331	2335	2338	rBV2	5953	7573	0.18%	0.039%
32	16.768	2338	2343	2347	rVV4	10649	17229	0.41%	0.089%
33	16.892	2362	2364	2368	rVB4	5686	6841	0.16%	0.035%
34	16.980	2372	2379	2391	rBV	1455088	2058550	48.76%	10.602%

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Smoothing : OFF Filtering: 5
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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Title : SVOA CALIBRATION

35	17.080	2391	2396	2406	rVV2	231134	374070	8.86%	1.927%
36	17.274	2424	2429	2431	rVB4	6711	7179	0.17%	0.037%
37	17.321	2434	2437	2440	rBV4	5066	6440	0.15%	0.033%
38	17.368	2440	2445	2447	rBV5	5525	6157	0.15%	0.032%
39	17.457	2453	2460	2464	rBV5	9387	14792	0.35%	0.076%
40	17.704	2500	2502	2505	rBV4	3467	4436	0.11%	0.023%
41	17.868	2526	2530	2538	rBV2	57736	88383	2.09%	0.455%
42	18.151	2575	2578	2581	rBV3	7639	10221	0.24%	0.053%
43	18.204	2584	2587	2592	rBV6	6559	11531	0.27%	0.059%
44	18.345	2607	2611	2614	rBV5	8051	11111	0.26%	0.057%
45	18.427	2623	2625	2628	rVB4	7156	6688	0.16%	0.034%
46	18.798	2684	2688	2691	rBV4	11901	14792	0.35%	0.076%
47	18.886	2701	2703	2705	rBV3	7357	5170	0.12%	0.027%
48	18.927	2705	2710	2721	rVV	317561	462636	10.96%	2.383%
49	19.021	2725	2726	2727	rBV	7737	4477	0.11%	0.023%
50	19.051	2729	2731	2737	rVB5	10929	14918	0.35%	0.077%
51	19.162	2746	2750	2757	rBV2	54107	86145	2.04%	0.444%
52	19.392	2783	2789	2794	rBV2	322083	503470	11.93%	2.593%
53	19.451	2794	2799	2808	rVB	430065	652060	15.45%	3.358%
54	19.692	2838	2840	2842	rBV3	12460	12822	0.30%	0.066%
55	19.727	2842	2846	2849	rVV	66444	77429	1.83%	0.399%
56	19.762	2849	2852	2856	rVB2	41291	47859	1.13%	0.246%
57	19.921	2876	2879	2883	rVB2	25259	28575	0.68%	0.147%
58	20.327	2945	2948	2951	rBV2	26963	27463	0.65%	0.141%
59	20.474	2970	2973	2979	rVB	104588	120397	2.85%	0.620%
60	20.892	3040	3044	3050	rBV7	63843	98009	2.32%	0.505%
61	21.097	3074	3079	3083	rBV	3985154	4221813	100.00%	21.743%
62	21.192	3090	3095	3105	rBV	1936245	2434969	57.68%	12.541%
63	22.197	3264	3266	3271	rVB3	105176	105204	2.49%	0.542%
64	23.250	3439	3445	3452	rVB2	253412	595649	14.11%	3.068%
65	23.391	3463	3469	3478	rVB	1107630	2089564	49.49%	10.762%

Sum of corrected areas: 19416501

LSC Report - Integrated Chromatogram

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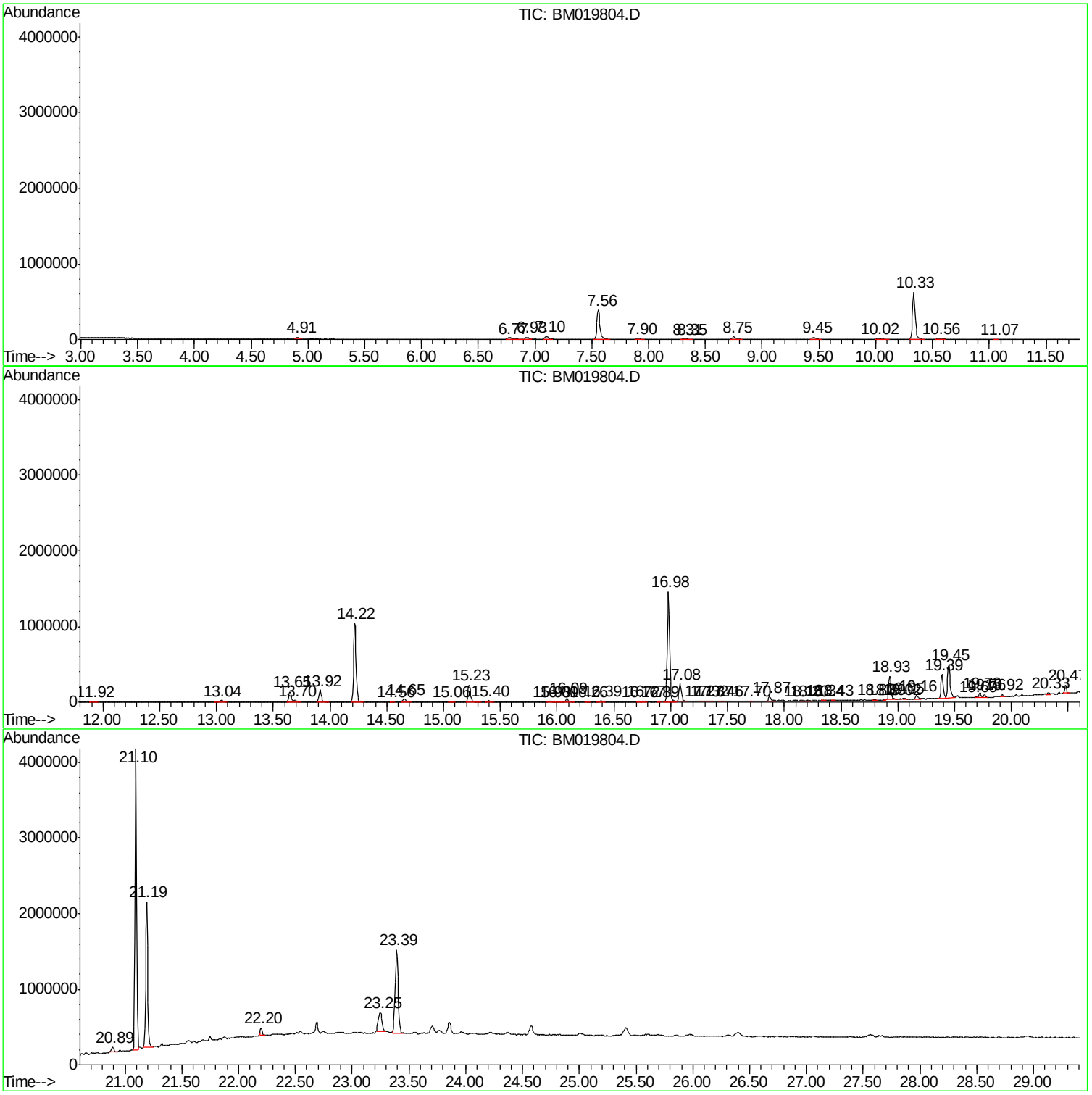
Instrument :
BNA_M
ClientSampleId :
BF605DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF605DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

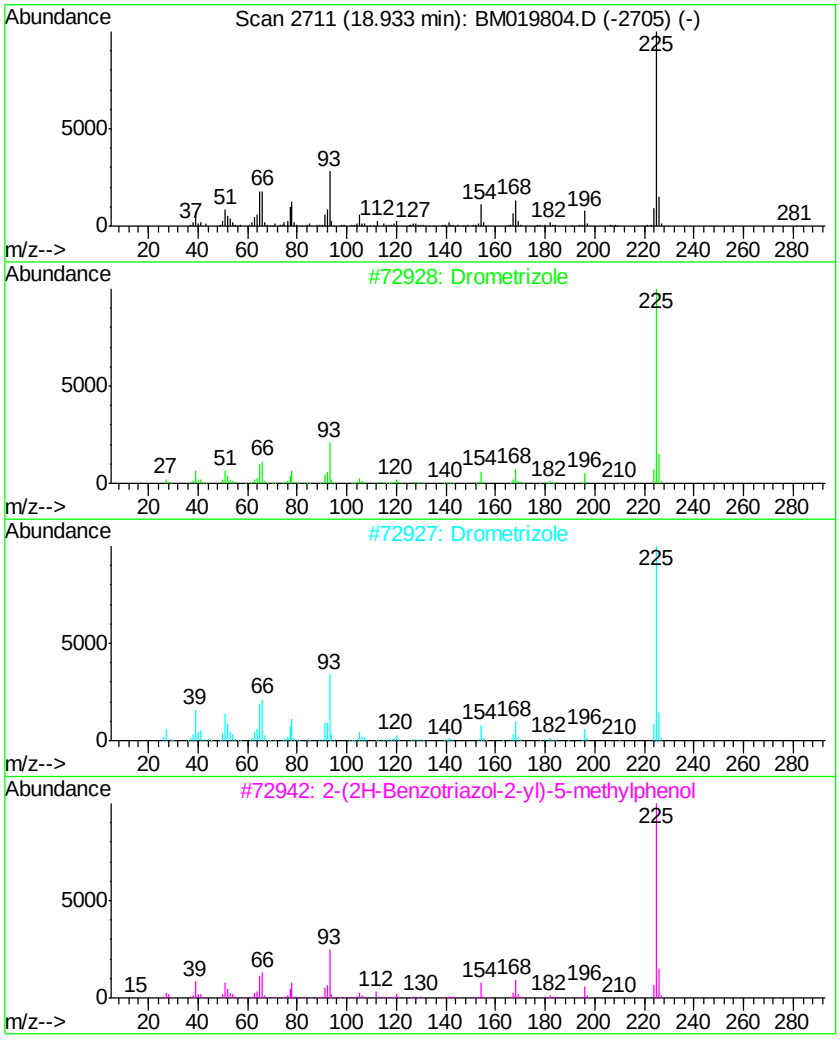
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

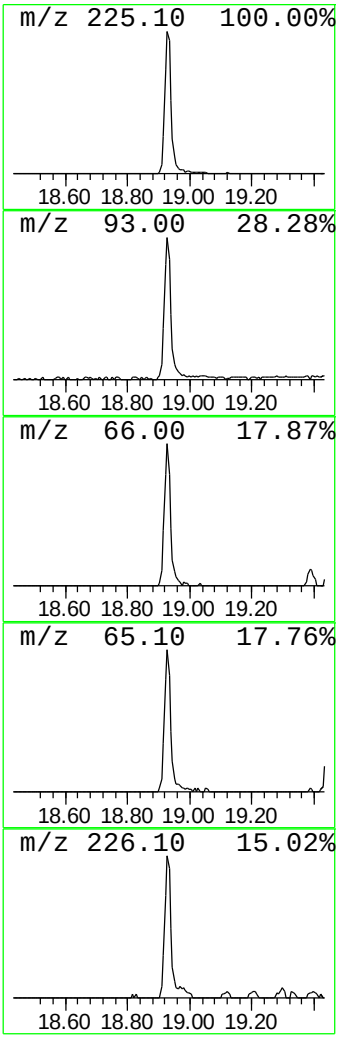
****

Peak Number 1 Drometrizole Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	4.49 ng/ul	462636	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Drometrizole	225	C13H11N3O	002440-22-4	97
2	Drometrizole	225	C13H11N3O	002440-22-4	96
3	2-(2H-Benzotriazol-2-yl)-5-methy...	225	C13H11N3O	004998-48-5	96
4	Drometrizole	225	C13H11N3O	002440-22-4	94
5	Drometrizole	225	C13H11N3O	002440-22-4	93





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

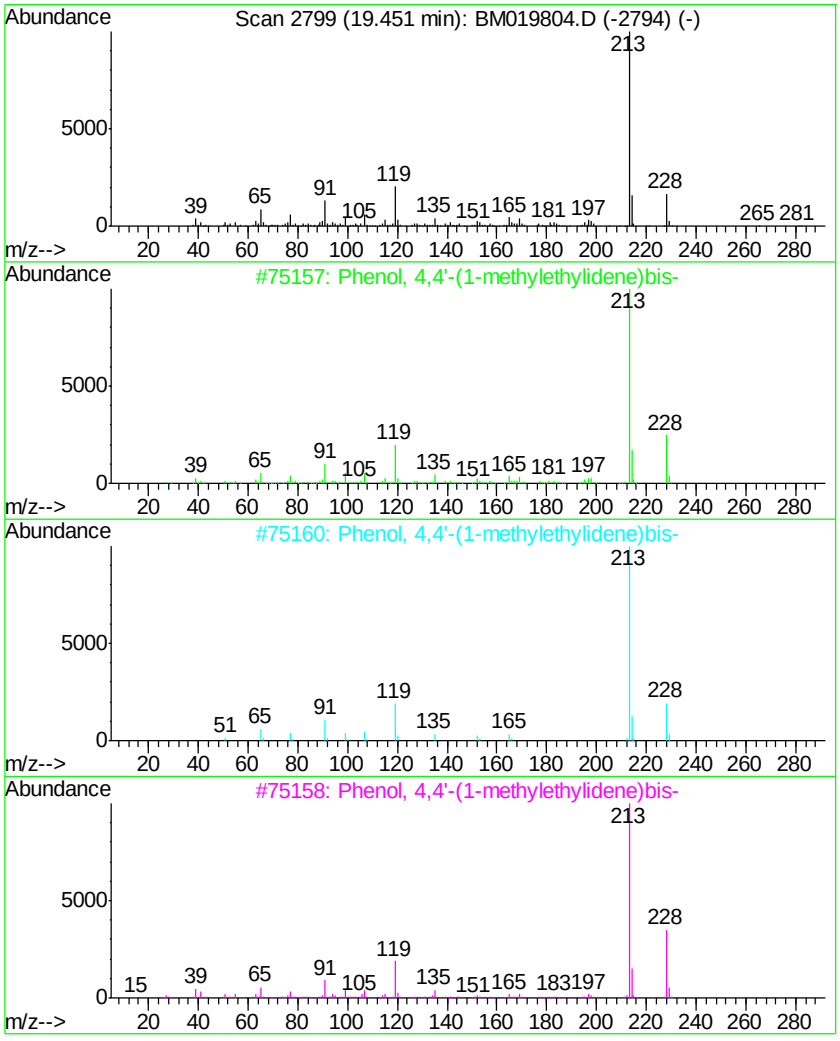
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

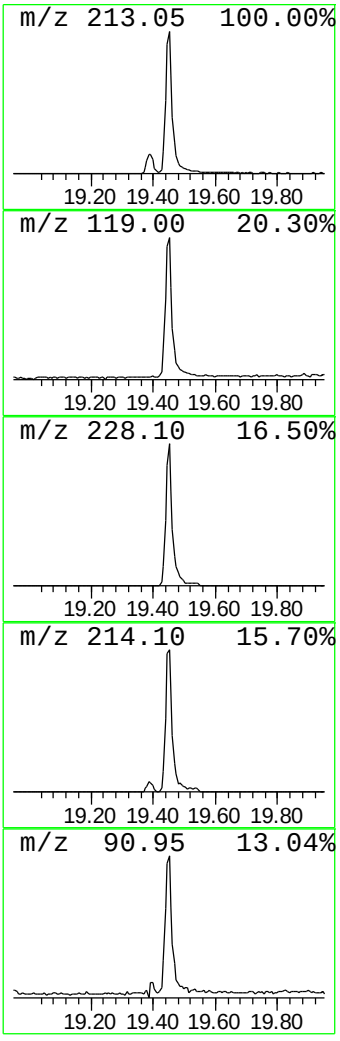
****

Peak Number 2 Phenol, 4,4'-(1-methylethyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	5.36 ng/ul	652060	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	97
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	94
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	90
4	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	72
5	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	56





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Drometrizole	18.93	4.5	ng/ul	462636	4	16.98	2058550	20.0
Phenol, 4,4'-(1-m...	19.45	5.4	ng/ul	652060	5	21.19	2434970	20.0