LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023568.D
Acq On : 9 Aug 2016 22:27
Operator : UM/SJ
Sample : H4362-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RB-20160801

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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	3.807	163	165	168	rBV3	7782	7217	0.13%	0.013%
2	5.892	519	520	523	rBV3	6617	7043	0.13%	0.013%
3	6.532	623	629	633	rVB8	6343	13458	0.25%	0.024%
4	7.267	748	754	763	rBV2	141273	266569	4.98%	0.484%
5	7.425	773	781	789	rBV	494979	807894	15.08%	1.468%
6	7.637	810	817	829	rBV	464118	821845	15.34%	1.494%
7	8.113	891	898	905	rBV	566276	998116	18.63%	1.814%
8	8.447	953	955	959	rBV5	6855	10298	0.19%	0.019%
9	8.823	1013	1019	1030	rBV	416287	720748	13.46%	1.310%
10	9.217	1083	1086	1091	rBV7	11491	15044	0.28%	0.027%
11	9.287	1091	1098	1107	rBV	607706	1069410	19.96%	1.944%
12	9.663	1158	1162	1166	rVB5	5829	8194	0.15%	0.015%
13	9.769	1175	1180	1181	rBV4	5629	7667	0.14%	0.014%
14	10.016	1215	1222	1232	rBV2	523895	970179	18.11%	1.763%
15	10.298	1264	1270	1272	rBV5	5567	8352	0.16%	0.015%
16	10.527	1305	1309	1310	rBV2	6744	8991	0.17%	0.016%
17	10.568	1310	1316	1330	rVV	664232	1324952	24.73%	2.408%
18	10.944	1372	1380	1387	rBV	903379	1650367	30.81%	2.999%
19	11.097	1400	1406	1414	rBV5	30163	69860	1.30%	0.127%
20	11.614	1490	1494	1500	rVB7	13449	22277	0.42%	0.040%
21	12.166	1586	1588	1593	rBV3	7533	11294	0.21%	0.021%
22	12.248	1598	1602	1607	rBV6	19032	34831	0.65%	0.063%
23	12.342	1617	1618	1623	rVB2	5380	7424	0.14%	0.013%
24	12.383	1623	1625	1629	rBV4	6265	7045	0.13%	0.013%
25	12.530	1646	1650	1654	rBV7	16289	29088	0.54%	0.053%
26	13.118	1748	1750	1758	rBV6	9905	17811	0.33%	0.032%
27	13.370	1787	1793	1797	rBV4	14507	19609	0.37%	0.036%
28	13.658	1837	1842	1844	rBV5	5453	9134	0.17%	0.017%
29	13.793	1861	1865	1867	rVB4	8370	9369	0.17%	0.017%
30	14.175	1923	1930	1943	rBV	1647208	2520382	47.05%	4.581%
31	14.475	1975	1981	1989	rBV	1770066	2832523	52.88%	5.148%
32	14.786	2023	2034	2043	rBV2	1638768	2761172	51.55%	5.018%
33	14.856	2043	2046	2049	rVB4	8690	11101	0.21%	0.020%
34	15.015	2067	2073	2087	rBV5	101051	294209	5.49%	0.535%

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Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Title : SVOA CALIBRATION

35	15.138	2092	2094	2100	rVB7	8253	11657	0.22%	0.021%
36	15.297	2119	2121	2126	rVB4	4977	7113	0.13%	0.013%
37	15.338	2126	2128	2132	rBV4	6361	7392	0.14%	0.013%
38	15.450	2142	2147	2153	rVB5	28781	51474	0.96%	0.094%
39	15.585	2169	2170	2177	rVB6	6920	8582	0.16%	0.016%
40	15.726	2190	2194	2196	rBV5	9119	12213	0.23%	0.022%
41	15.779	2196	2203	2210	rBV	2585181	3879045	72.42%	7.050%
42	15.902	2217	2224	2234	rBV	905652	1466408	27.38%	2.665%
43	16.020	2240	2244	2250	rVB2	35659	54186	1.01%	0.098%
44	16.137	2258	2264	2272	rBV9	16268	32573	0.61%	0.059%
45	16.225	2276	2279	2283	rBV5	5754	8829	0.16%	0.016%
46	16.660	2349	2353	2354	rBV3	7237	9810	0.18%	0.018%
47	16.736	2365	2366	2371	rVB5	12396	11191	0.21%	0.020%
48	16.965	2400	2405	2406	rBV5	5573	7484	0.14%	0.014%
49	17.124	2427	2432	2437	rBV6	20977	27417	0.51%	0.050%
50	17.335	2463	2468	2471	rBV4	12569	21326	0.40%	0.039%
51	17.482	2490	2493	2496	rVB5	11689	15090	0.28%	0.027%
52	17.547	2497	2504	2512	rVV2	2477561	3768846	70.36%	6.850%
53	17.647	2514	2521	2536	rVB2	3028417	4645344	86.72%	8.443%
54	17.841	2552	2554	2560	rVB6	5795	8560	0.16%	0.016%
55	17.923	2565	2568	2569	rBV3	8812	9717	0.18%	0.018%
56	17.940	2569	2571	2576	rVB5	7541	8954	0.17%	0.016%
57	18.205	2610	2616	2625	rBV	1153551	1474963	27.54%	2.681%
58	18.311	2632	2634	2642	rVB8	19494	32049	0.60%	0.058%
59	18.375	2642	2645	2648	rVV5	6754	7567	0.14%	0.014%
60	18.422	2650	2653	2659	rVB6	23127	29927	0.56%	0.054%
61	18.639	2683	2690	2695	rBV	757411	1089785	20.34%	1.981%
62	19.574	2845	2849	2857	rVB3	44136	71500	1.33%	0.130%
63	19.826	2888	2892	2897	rVB2	49043	67591	1.26%	0.123%
64	19.938	2905	2911	2919	rBV	3601447	5356610	100.00%	9.735%
65	21.870	3233	3240	3248	rVB	2413333	4137089	77.23%	7.519%
66	23.392	3492	3499	3515	rVB	1292795	2620906	48.93%	4.763%
67	25.025	3767	3777	3792	rVB2	1622855	4665115	87.09%	8.479%
68	25.266	3807	3818	3833	rVB	1354159	4022111	75.09%	7.310%

Sum of corrected areas: 55021897

LSC Report - Integrated Chromatogram

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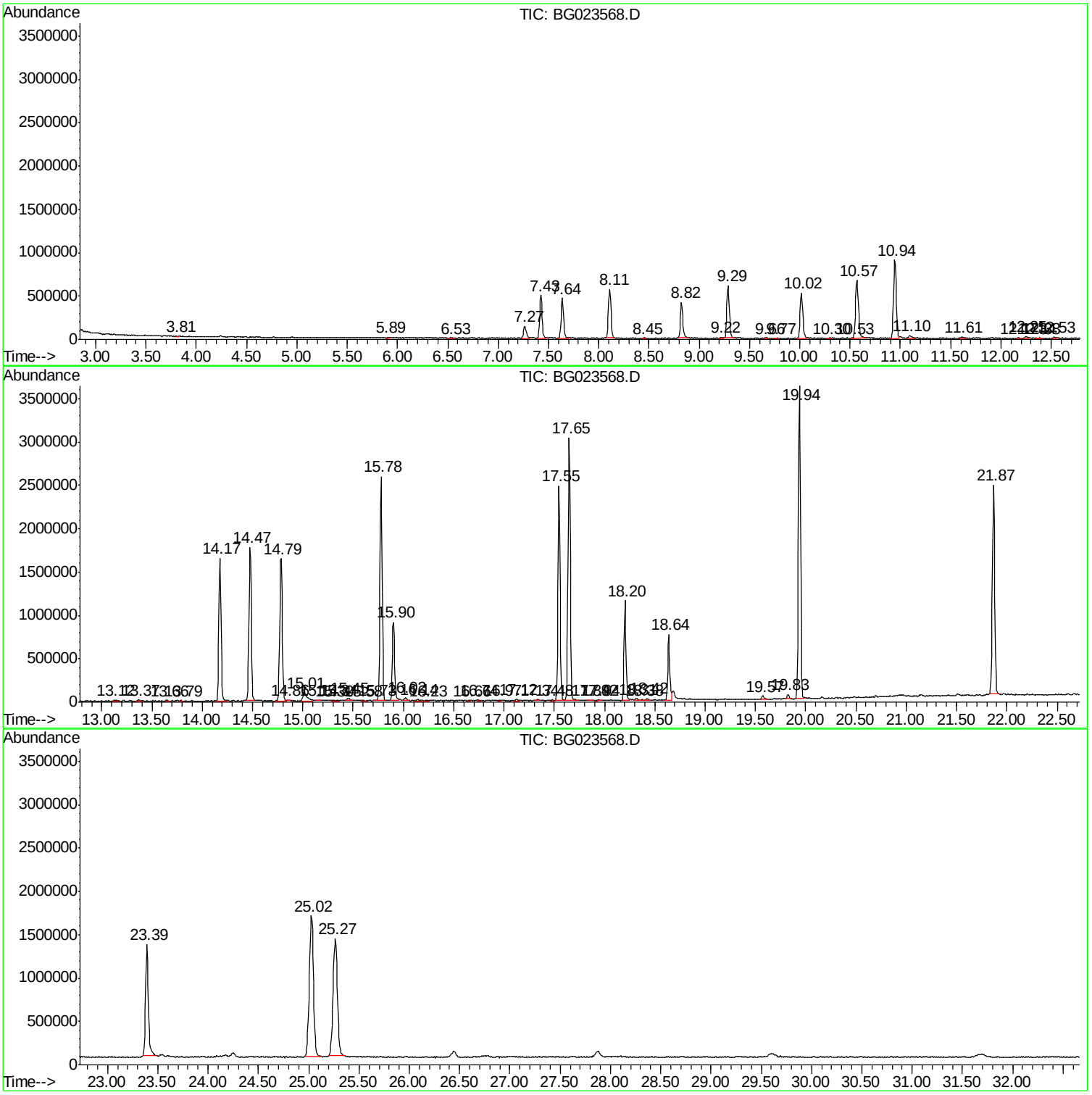
Instrument : BNA_G
ClientSampleId : RB-20160801

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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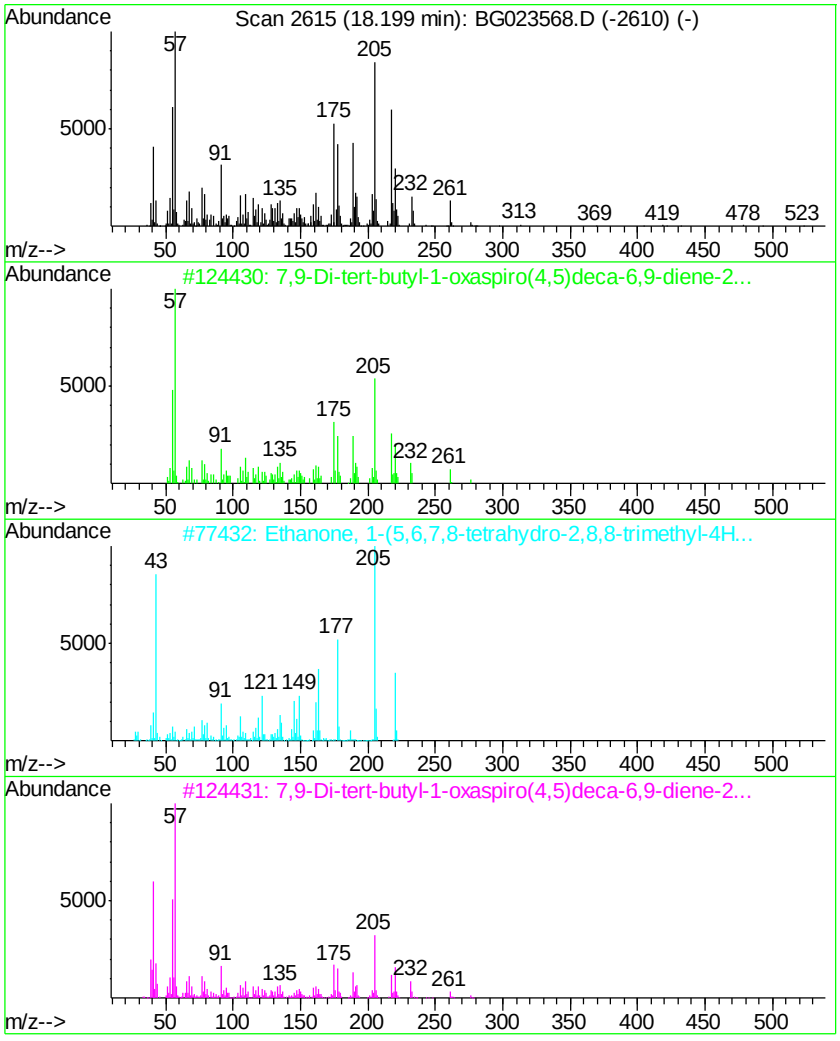
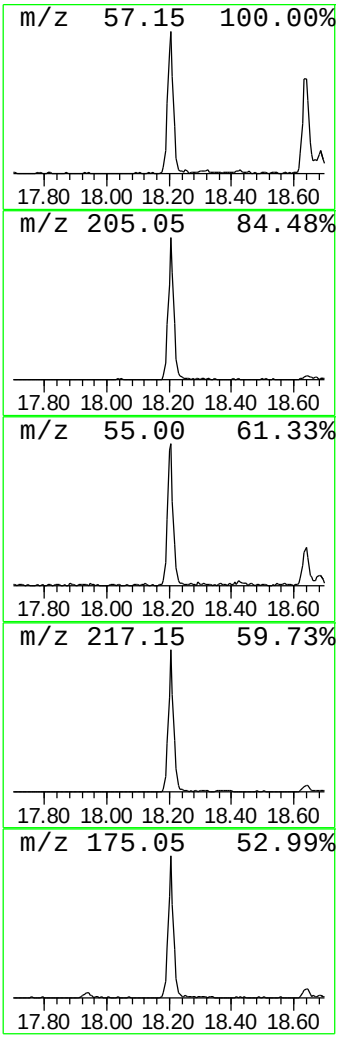
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	7.83 ng/ul	1474960	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	83
2	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	49
4	9-Acetylphenanthrene	220	C16H12O	002039-77-2	38
5	Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	38





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

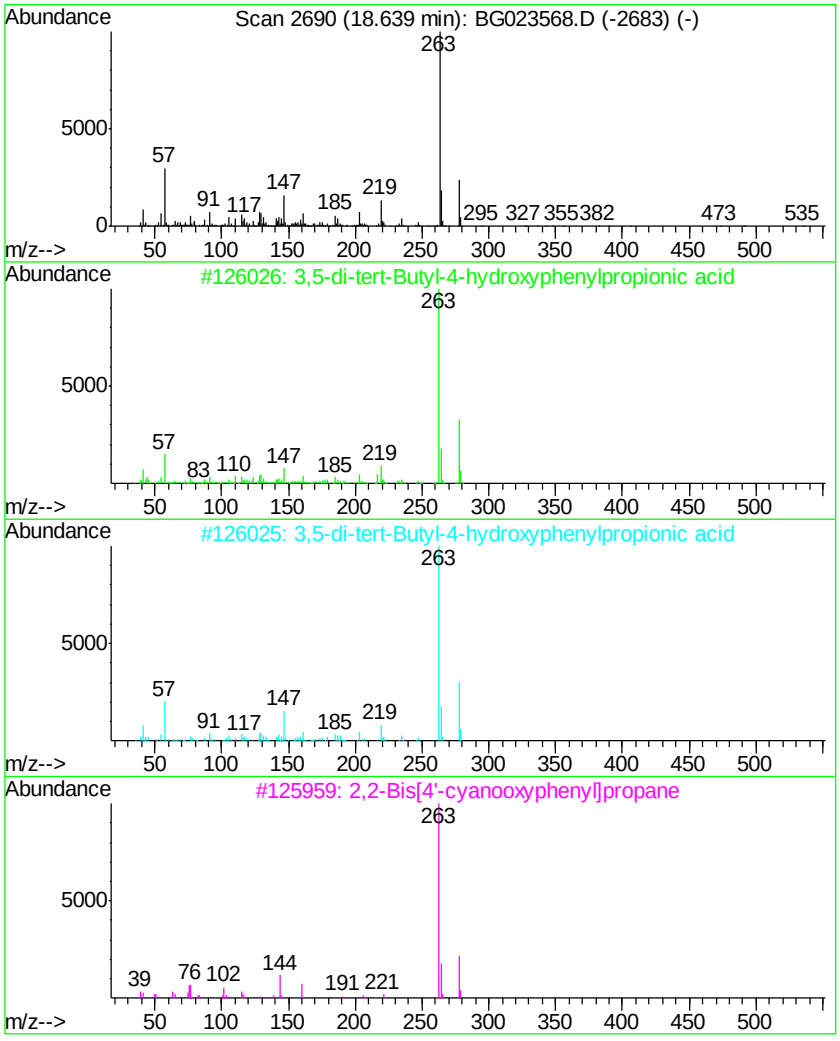
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

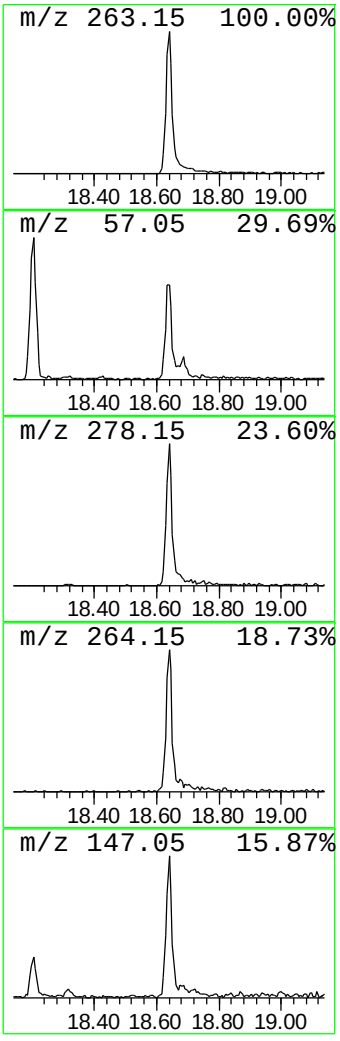
****

Peak Number 2 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	5.78 ng/ul	1089790	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	94
2	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	90
3	2,2-Bis[4'-cyanooxyphenyl]propane	278	C17H14N2O2	1000322-13-3	68
4	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	60
5	Trimethyl(2,6 ditert.-butylpheno...	278	C17H30OSi	010416-73-6	59





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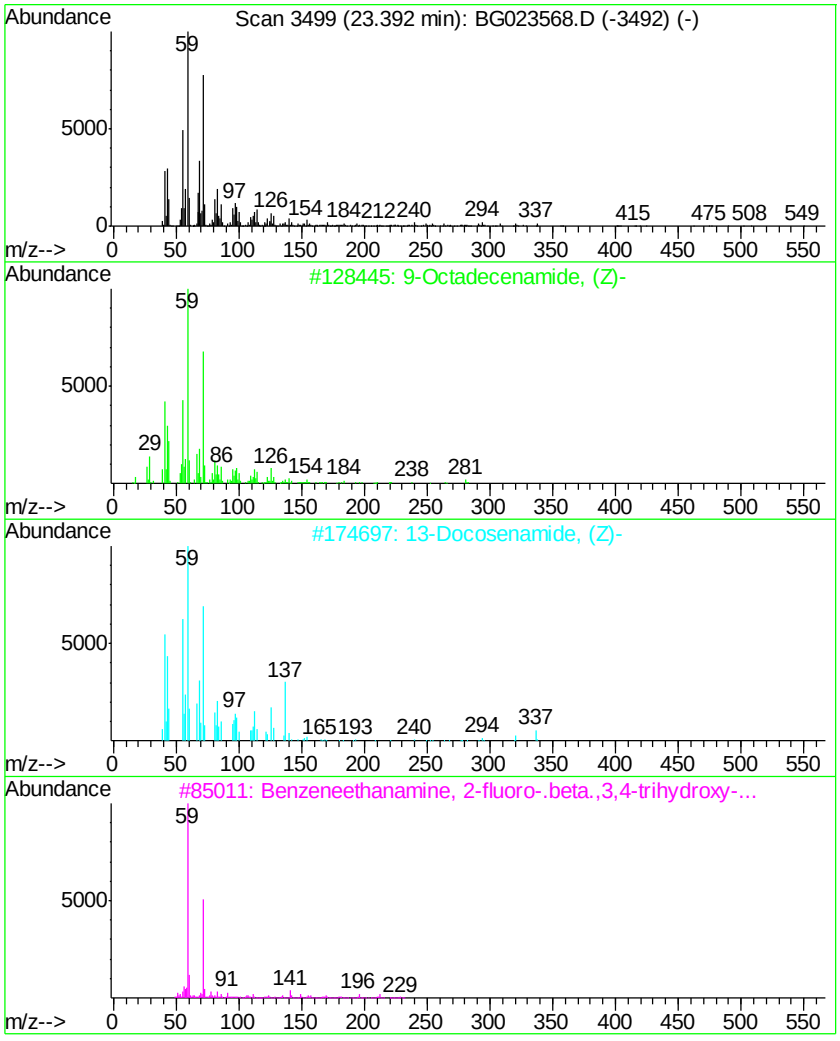
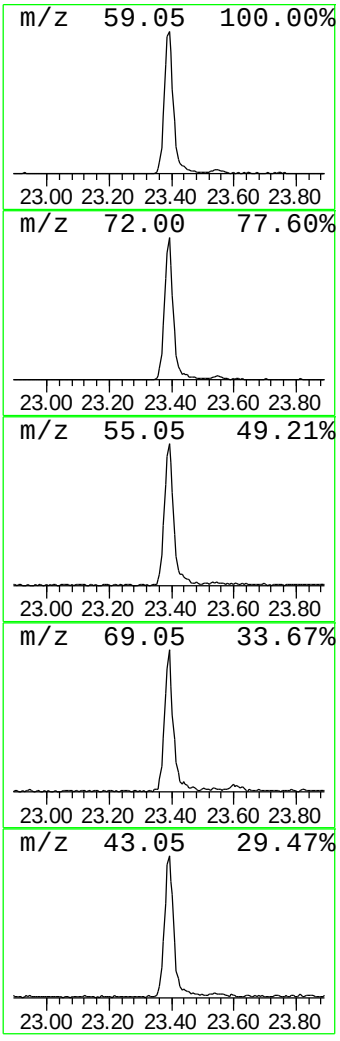
****

Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	12.67 ng/ul	2620910	Chrysene-d12	21.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	70
3	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	64
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	64
5	Hexadecanamide	255	C16H33NO	000629-54-9	47





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
7,9-Di-tert-butyl...	18.20	7.8	ng/ul	1474960	4	17.55	3768850	20.0
3,5-di-tert-Butyl...	18.64	5.8	ng/ul	1089790	4	17.55	3768850	20.0
9-Octadecenamide,...	23.39	12.7	ng/ul	2620910	5	21.87	4137090	20.0