

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
 Data File : BG022753.D
 Acq On : 1 Jul 2016 8:20
 Operator : UM/SJ
 Sample : H3815-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TX2

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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-BG063016.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	3.550	119	121	123	rBV3	10354	10285	0.17%	0.019%
2	4.308	248	250	255	rVB4	12270	13215	0.21%	0.024%
3	4.666	307	311	312	rBV3	6414	8705	0.14%	0.016%
4	5.148	391	393	398	rVB5	7361	8367	0.13%	0.015%
5	5.365	426	430	434	rVB5	5283	9102	0.15%	0.017%
6	5.565	461	464	467	rBV4	6299	9177	0.15%	0.017%
7	5.653	476	479	481	rBV4	5677	8440	0.14%	0.015%
8	5.718	488	490	492	rBV3	6542	8378	0.13%	0.015%
9	6.106	555	556	560	rBV4	5674	8667	0.14%	0.016%
10	6.188	565	570	576	rVB4	14079	26997	0.43%	0.049%
11	7.134	725	731	739	rVB7	12216	25888	0.42%	0.047%
12	7.310	754	761	768	rBV	172858	315862	5.07%	0.577%
13	7.475	781	789	797	rBV	498946	849089	13.63%	1.552%
14	7.586	805	808	812	rBV4	6500	8801	0.14%	0.016%
15	7.686	817	825	836	rBV	567226	986261	15.83%	1.803%
16	7.927	862	866	873	rVB6	8205	16733	0.27%	0.031%
17	8.015	878	881	886	rBV6	4682	8354	0.13%	0.015%
18	8.156	897	905	921	rVB	479808	882394	14.16%	1.613%
19	8.385	939	944	946	rVB5	10828	16583	0.27%	0.030%
20	8.703	989	998	1002	rBV9	7967	18237	0.29%	0.033%
21	8.861	1016	1025	1039	rVB2	484052	861902	13.83%	1.576%
22	8.985	1043	1046	1048	rVB3	8317	9543	0.15%	0.017%
23	9.261	1088	1093	1098	rBV4	27171	45851	0.74%	0.084%
24	9.326	1098	1104	1114	rVV	698704	1270703	20.40%	2.323%
25	9.408	1116	1118	1124	rVV5	10912	18789	0.30%	0.034%
26	9.484	1124	1131	1134	rVB7	13767	18061	0.29%	0.033%
27	9.731	1171	1173	1178	rVB4	6104	9650	0.15%	0.018%
28	9.878	1195	1198	1201	rBV4	5354	8390	0.13%	0.015%
29	10.054	1221	1228	1237	rBV2	656488	1200134	19.26%	2.194%
30	10.254	1259	1262	1263	rBV2	11077	10173	0.16%	0.019%
31	10.348	1274	1278	1282	rBV4	11360	15522	0.25%	0.028%
32	10.600	1312	1321	1328	rBV	897507	1681496	26.99%	3.074%
33	10.777	1348	1351	1357	rVB7	7738	14134	0.23%	0.026%
34	10.982	1377	1386	1394	rBV	720029	1300070	20.87%	2.377%

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35	11.118	1404	1409	1418	rVB4	36977	75275	1.21%	0.138%
36	11.494	1470	1473	1478	rVB3	16125	19984	0.32%	0.037%
37	11.558	1480	1484	1489	rVB3	14321	25921	0.42%	0.047%
38	11.746	1512	1516	1521	rBV6	21916	36335	0.58%	0.066%
39	11.905	1541	1543	1547	rBV5	6773	9305	0.15%	0.017%
40	12.257	1601	1603	1606	rBV	7606	8272	0.13%	0.015%
41	12.298	1606	1610	1611	rBV4	8655	12899	0.21%	0.024%
42	12.369	1618	1622	1626	rBV4	6481	9930	0.16%	0.018%
43	12.545	1650	1652	1653	rBV2	11689	8665	0.14%	0.016%
44	13.039	1731	1736	1737	rBV3	7735	10640	0.17%	0.019%
45	13.145	1750	1754	1761	rBV6	14690	34959	0.56%	0.064%
46	13.309	1780	1782	1786	rVB5	8660	9717	0.16%	0.018%
47	13.350	1786	1789	1791	rBV4	6258	8089	0.13%	0.015%
48	13.391	1791	1796	1801	rVV2	23778	40287	0.65%	0.074%
49	13.667	1839	1843	1848	rBV4	37218	64492	1.04%	0.118%
50	13.709	1848	1850	1856	rVB5	16063	23445	0.38%	0.043%
51	14.190	1923	1932	1939	rBV	2016986	2942757	47.23%	5.380%
52	14.308	1949	1952	1956	rVB5	5441	8770	0.14%	0.016%
53	14.490	1976	1983	1990	rBV	1902079	3093423	49.65%	5.655%
54	14.678	2013	2015	2020	rVB4	6110	8657	0.14%	0.016%
55	14.796	2026	2035	2044	rBV2	1325330	2237171	35.91%	4.090%
56	14.860	2044	2046	2050	rVB4	7923	9696	0.16%	0.018%
57	14.989	2061	2068	2077	rBV2	213531	388554	6.24%	0.710%
58	15.230	2104	2109	2114	rVB2	18678	33332	0.54%	0.061%
59	15.459	2146	2148	2152	rVV5	9378	10011	0.16%	0.018%
60	15.524	2155	2159	2163	rVV3	29543	36389	0.58%	0.067%
61	15.571	2163	2167	2169	rVV3	16999	24937	0.40%	0.046%
62	15.601	2170	2172	2179	rVB3	23834	29166	0.47%	0.053%
63	15.789	2196	2204	2213	rVB	2905395	4468695	71.73%	8.169%
64	15.894	2216	2222	2231	rBV	1065003	1614459	25.91%	2.951%
65	16.024	2241	2244	2250	rVB3	43350	64229	1.03%	0.117%
66	16.123	2260	2261	2265	rBV4	7832	11034	0.18%	0.020%
67	16.276	2286	2287	2291	rBV4	8631	9775	0.16%	0.018%
68	16.476	2319	2321	2325	rBV4	6355	8934	0.14%	0.016%
69	16.670	2350	2354	2357	rVB4	15494	20728	0.33%	0.038%
70	16.734	2361	2365	2367	rVV5	9320	13221	0.21%	0.024%
71	16.787	2370	2374	2376	rVB5	8354	11022	0.18%	0.020%

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72	17.069	2416	2422	2425	rVB6	7083	13013	0.21%	0.024%
73	17.122	2427	2431	2435	rVB5	17921	30826	0.49%	0.056%
74	17.322	2463	2465	2473	rVB6	14653	24804	0.40%	0.045%
75	17.375	2473	2474	2478	rVB4	8437	8588	0.14%	0.016%
76	17.422	2478	2482	2483	rBV3	8607	10890	0.17%	0.020%
77	17.545	2496	2503	2510	rBV	1820878	2856244	45.85%	5.221%
78	17.645	2512	2520	2530	rVV2	3306255	5177972	83.11%	9.466%
79	17.804	2544	2547	2553	rVB2	16022	22653	0.36%	0.041%
80	18.197	2608	2614	2620	rBV2	859585	1127067	18.09%	2.060%
81	18.309	2631	2633	2636	rVB3	11240	13384	0.21%	0.024%
82	18.409	2648	2650	2654	rVB3	24762	26280	0.42%	0.048%
83	18.491	2660	2664	2669	rVB	52383	64253	1.03%	0.117%
84	18.632	2685	2688	2690	rBV4	9905	10990	0.18%	0.020%
85	18.673	2692	2695	2700	rVB7	20141	27092	0.43%	0.050%
86	18.767	2709	2711	2713	rBV3	9889	8591	0.14%	0.016%
87	18.914	2734	2736	2741	rBV6	13445	19021	0.31%	0.035%
88	19.555	2841	2845	2853	rBV	51641	79422	1.27%	0.145%
89	19.813	2885	2889	2893	rBV3	39170	62742	1.01%	0.115%
90	19.925	2901	2908	2915	rBV	4171277	6230037	100.00%	11.389%
91	21.834	3227	3233	3242	rVB	2007871	3461772	55.57%	6.328%
92	23.350	3485	3491	3511	rVB2	559072	1266691	20.33%	2.316%
93	24.960	3756	3765	3778	rVB3	1931075	5782063	92.81%	10.570%
94	25.195	3796	3805	3816	rVB2	1104482	3230619	51.86%	5.906%

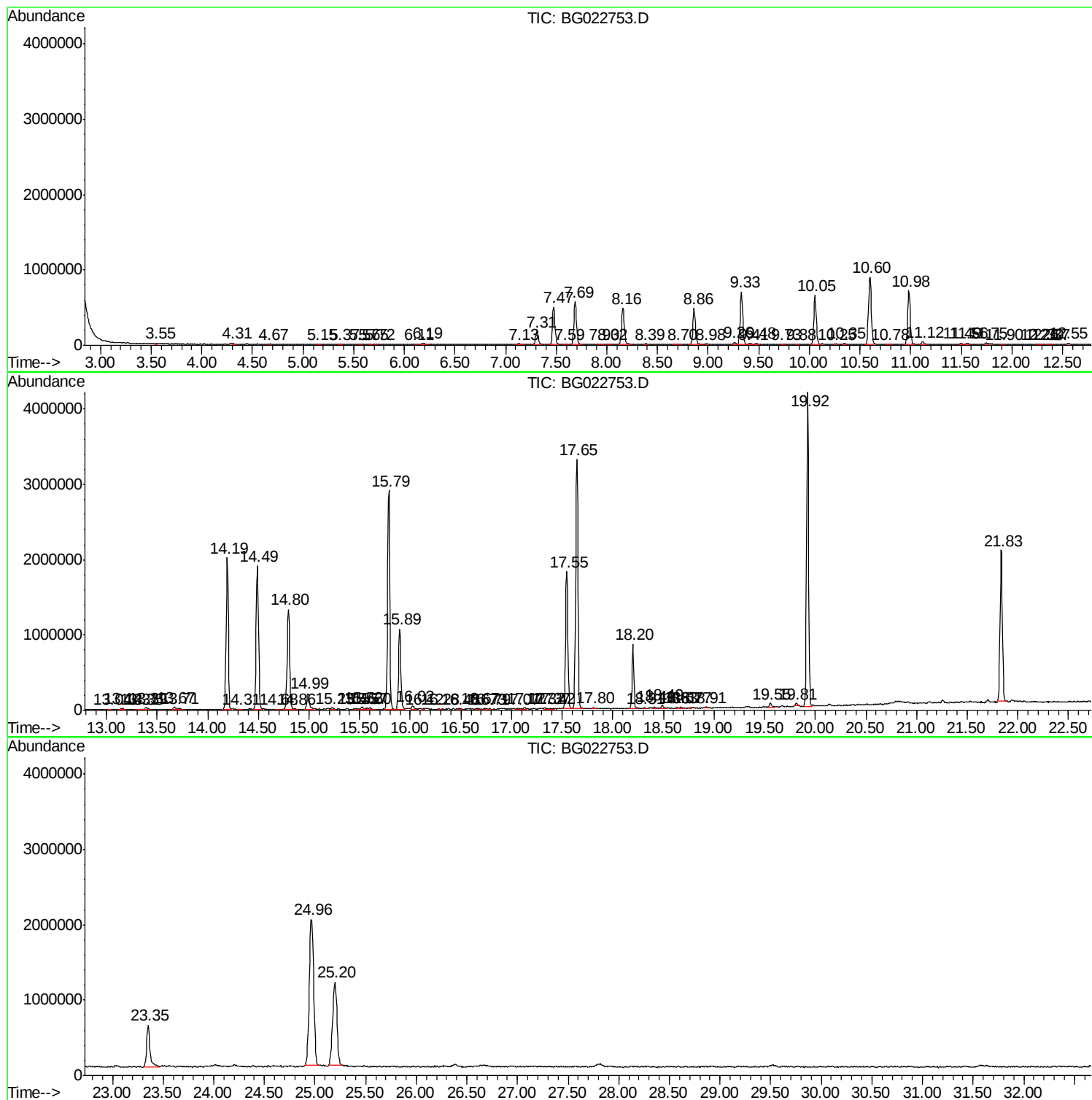
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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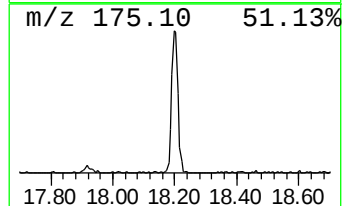
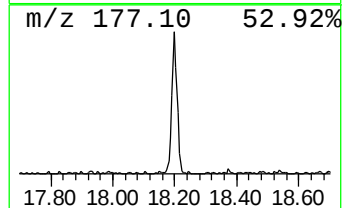
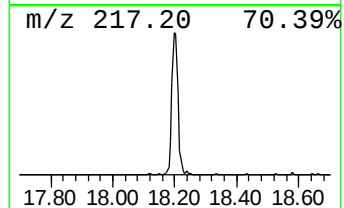
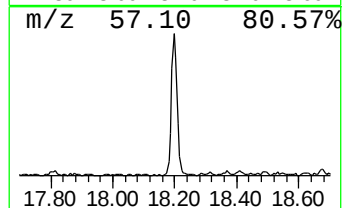
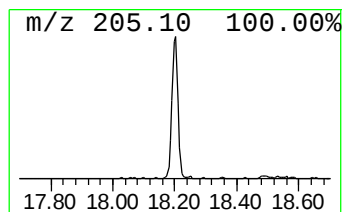
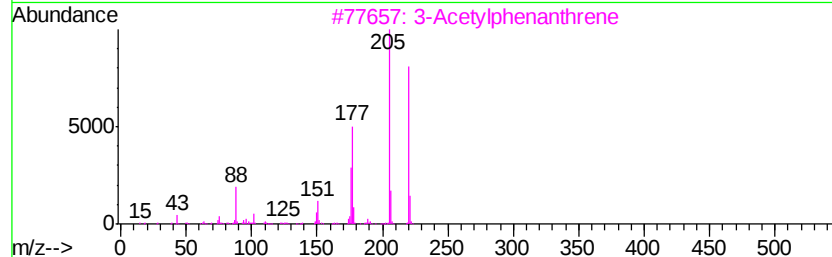
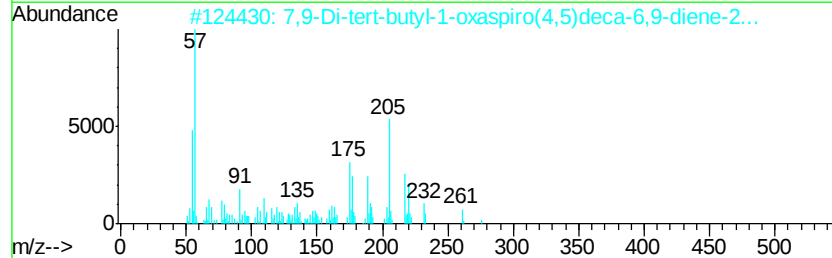
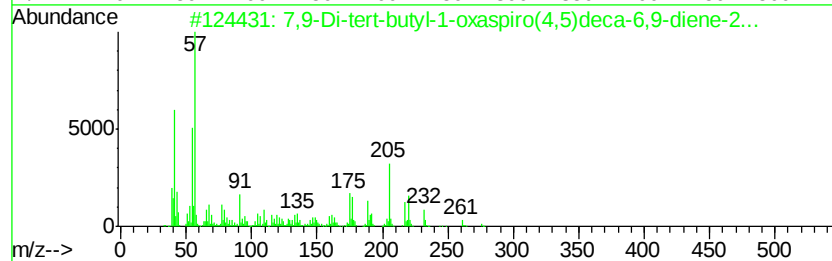
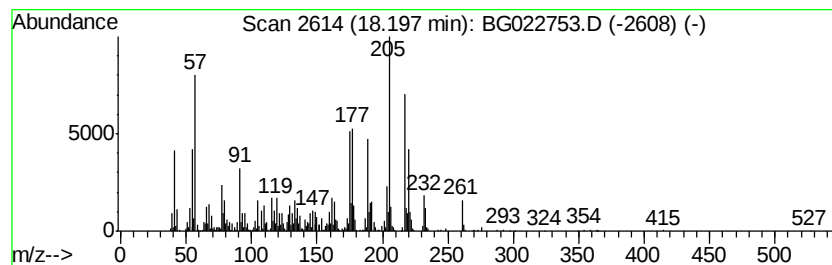
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	7.89 ng/ul	1127070	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	98
2			7,9-Di-tert-butyl-1-oxaspiro(4,5)...	276	C17H24O3	082304-66-3	89
3			3-Acetylphenanthrene	220	C16H12O	002039-76-1	55
4			2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	44
5			Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	43



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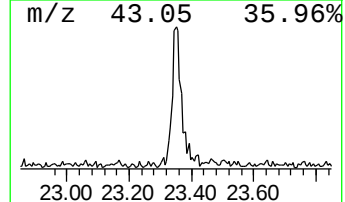
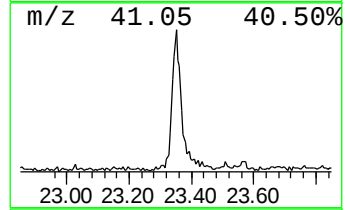
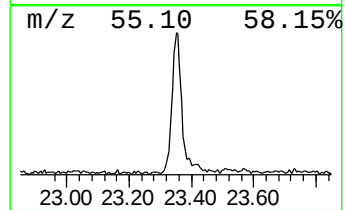
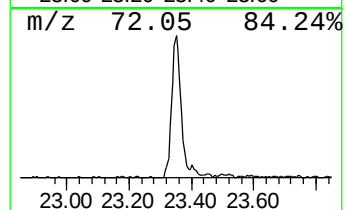
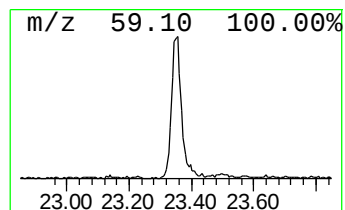
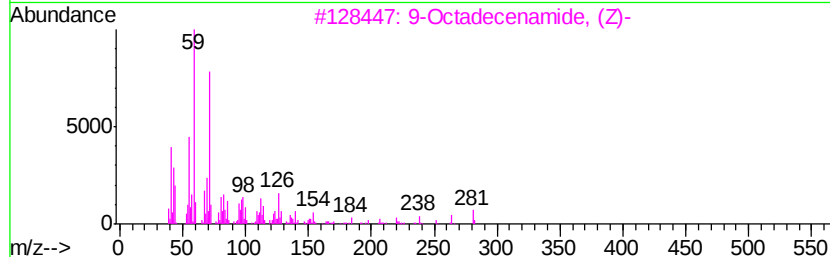
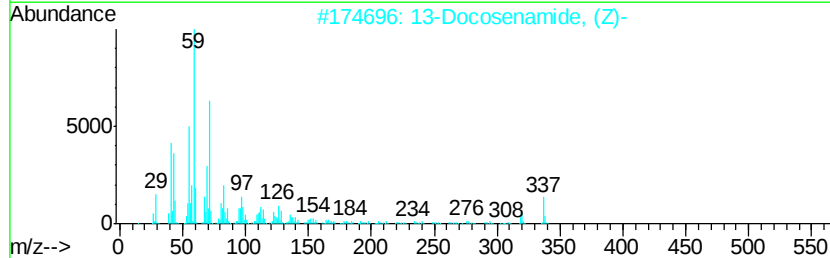
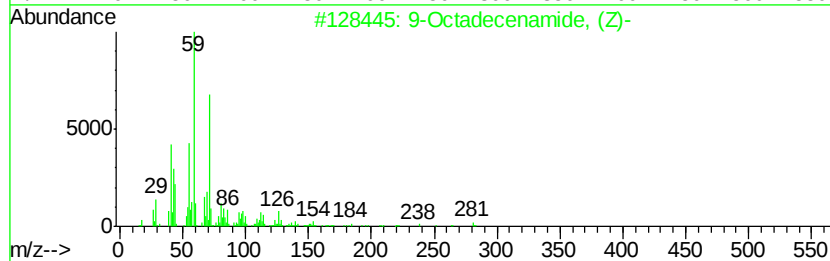
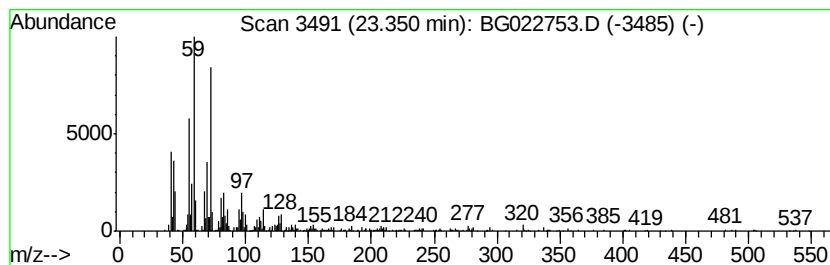
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Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.35	7.32 ng/ul	1266690	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	96
2		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	87
4		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
5		Octadecanamide	283	C18H37NO	000124-26-5	47



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
7,9-Di-tert-butyl...	18.20	7.9	ng/ul	1127070	4	17.55	2856240	20.0
9-Octadecenamide,...	23.35	7.3	ng/ul	1266690	5	21.83	3461770	20.0