

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121216\
 Data File : BG025121.D
 Acq On : 12 Dec 2016 19:26
 Operator : UM/SJ
 Sample : H5992-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P035-SS004-1218-03

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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	3.284	73	76	79	rVB5	8337	9326	0.35%	0.029%
2	3.519	114	116	118	rBV3	7989	7428	0.28%	0.023%
3	3.595	124	129	134	rVB2	24205	37300	1.39%	0.115%
4	3.636	134	136	140	rBV4	5993	7783	0.29%	0.024%
5	4.194	227	231	236	rVB5	7048	10820	0.40%	0.033%
6	4.365	256	260	264	rBV5	7764	13524	0.50%	0.042%
7	4.441	269	273	275	rVB4	5675	7973	0.30%	0.025%
8	4.888	343	349	351	rVB5	6655	9924	0.37%	0.031%
9	4.935	351	357	360	rBV7	7096	13723	0.51%	0.042%
10	5.299	414	419	425	rBV6	13928	26303	0.98%	0.081%
11	5.399	431	436	439	rVB5	4983	7836	0.29%	0.024%
12	5.675	478	483	487	rBV5	5340	11778	0.44%	0.036%
13	5.804	504	505	510	rVB4	6568	7576	0.28%	0.023%
14	6.292	582	588	591	rBV3	6297	13098	0.49%	0.040%
15	6.627	640	645	649	rBV5	5373	12424	0.46%	0.038%
16	6.686	653	655	665	rVB4	5763	16675	0.62%	0.051%
17	6.821	676	678	683	rVB4	5489	9000	0.34%	0.028%
18	6.903	686	692	696	rBV3	5332	11846	0.44%	0.037%
19	7.032	710	714	718	rBV6	4730	7904	0.29%	0.024%
20	7.191	738	741	745	rBV5	5626	10094	0.38%	0.031%
21	7.385	762	774	787	rBV4	357459	815883	30.39%	2.517%
22	7.549	795	802	814	rBV	243817	441926	16.46%	1.363%
23	7.702	824	828	832	rBV6	4910	8507	0.32%	0.026%
24	7.767	832	839	851	rVB2	328693	611820	22.79%	1.888%
25	8.237	910	919	928	rBV2	360477	660716	24.61%	2.038%
26	8.437	949	953	956	rBV3	5260	9096	0.34%	0.028%
27	8.531	964	969	970	rBV4	4692	8112	0.30%	0.025%
28	8.942	1028	1039	1051	rBV	467444	890610	33.18%	2.748%
29	9.259	1088	1093	1098	rBV5	5884	9557	0.36%	0.029%
30	9.418	1109	1120	1129	rBV	372266	729526	27.18%	2.251%
31	9.623	1153	1155	1159	rVB3	6386	7845	0.29%	0.024%
32	9.665	1159	1162	1166	rBV5	6794	10751	0.40%	0.033%
33	9.747	1171	1176	1179	rVV5	8421	14189	0.53%	0.044%
34	9.982	1213	1216	1222	rVB6	5477	10165	0.38%	0.031%

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35	10.058	1222	1229	1230	rBV	6070	10602	0.39%	0.033%
36	10.140	1235	1243	1255	rVV3	337523	657947	24.51%	2.030%
37	10.534	1307	1310	1314	rBV2	7376	12961	0.48%	0.040%
38	10.681	1325	1335	1345	rBV2	461899	925397	34.47%	2.855%
39	11.069	1390	1401	1413	rBV	538036	1019469	37.98%	3.145%
40	11.204	1416	1424	1439	rBV	418242	819130	30.51%	2.527%
41	11.509	1472	1476	1478	rBV3	9610	8075	0.30%	0.025%
42	12.015	1559	1562	1565	rBV4	4640	7734	0.29%	0.024%
43	12.226	1595	1598	1603	rBV4	10928	13511	0.50%	0.042%
44	12.320	1613	1614	1620	rBV3	5886	8418	0.31%	0.026%
45	12.520	1645	1648	1654	rBV5	6857	8483	0.32%	0.026%
46	12.596	1660	1661	1664	rBV3	8239	8191	0.31%	0.025%
47	12.632	1664	1667	1672	rVB5	10876	17063	0.64%	0.053%
48	12.708	1679	1680	1686	rBV4	5434	11234	0.42%	0.035%
49	13.113	1742	1749	1750	rBV2	6966	11411	0.43%	0.035%
50	13.448	1800	1806	1812	rBV5	8417	18831	0.70%	0.058%
51	13.560	1822	1825	1830	rVB4	5149	8348	0.31%	0.026%
52	13.701	1848	1849	1855	rVB6	7639	7738	0.29%	0.024%
53	13.848	1873	1874	1883	rVB5	6405	11309	0.42%	0.035%
54	14.195	1929	1933	1936	rBV4	6458	9265	0.35%	0.029%
55	14.253	1936	1943	1948	rVV	1068848	1596150	59.46%	4.924%
56	14.300	1948	1951	1958	rVV2	165280	238745	8.89%	0.737%
57	14.359	1958	1961	1963	rVB4	8098	8588	0.32%	0.026%
58	14.394	1963	1967	1971	rVB4	5557	9746	0.36%	0.030%
59	14.482	1980	1982	1987	rVB7	7899	12235	0.46%	0.038%
60	14.559	1987	1995	2007	rBV	930553	1549659	57.73%	4.781%
61	14.712	2017	2021	2024	rVB4	12285	16926	0.63%	0.052%
62	14.764	2028	2030	2033	rBV3	7043	9334	0.35%	0.029%
63	14.858	2039	2046	2054	rBV	946006	1552460	57.83%	4.790%
64	14.964	2061	2064	2068	rVB4	7261	9656	0.36%	0.030%
65	15.058	2072	2080	2097	rBV2	353100	768455	28.63%	2.371%
66	15.234	2104	2110	2119	rVB9	18284	48791	1.82%	0.151%
67	15.399	2132	2138	2140	rBV7	4360	8123	0.30%	0.025%
68	15.464	2145	2149	2151	rBV5	6731	9261	0.34%	0.029%
69	15.605	2170	2173	2177	rBV4	14377	19814	0.74%	0.061%
70	15.646	2177	2180	2187	rVB4	42755	58171	2.17%	0.179%
71	15.845	2203	2214	2228	rBV	1311253	2190961	81.61%	6.760%

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72	15.963	2228	2234	2244	rBV	482542	800907	29.83%	2.471%
73	16.057	2246	2250	2251	rBV2	10584	10472	0.39%	0.032%
74	16.092	2253	2256	2268	rVB10	19358	41019	1.53%	0.127%
75	16.274	2283	2287	2290	rVB6	7653	12888	0.48%	0.040%
76	16.398	2306	2308	2312	rBV5	9464	9000	0.34%	0.028%
77	16.509	2321	2327	2336	rBV2	55056	109999	4.10%	0.339%
78	16.780	2367	2373	2377	rBV7	7180	19470	0.73%	0.060%
79	16.850	2381	2385	2387	rBV4	8708	12002	0.45%	0.037%
80	16.950	2399	2402	2409	rBV8	18156	36973	1.38%	0.114%
81	17.021	2411	2414	2416	rVB4	7813	7516	0.28%	0.023%
82	17.115	2429	2430	2435	rVB5	6545	9757	0.36%	0.030%
83	17.297	2458	2461	2467	rBV2	43673	66914	2.49%	0.206%
84	17.350	2467	2470	2474	rVV6	14525	21981	0.82%	0.068%
85	17.385	2474	2476	2482	rVB6	15279	18703	0.70%	0.058%
86	17.461	2486	2489	2494	rVB7	9848	12951	0.48%	0.040%
87	17.602	2506	2513	2523	rBV2	1202147	1935140	72.09%	5.970%
88	17.702	2523	2530	2542	rVB	1412453	2233967	83.22%	6.892%
89	18.313	2631	2634	2643	rBV	16655	33258	1.24%	0.103%
90	18.442	2651	2656	2667	rBV2	239022	382945	14.26%	1.181%
91	18.519	2667	2669	2675	rVB7	20839	33945	1.26%	0.105%
92	18.854	2724	2726	2730	rVB5	23899	24471	0.91%	0.075%
93	18.959	2742	2744	2746	rBV3	17580	16011	0.60%	0.049%
94	19.700	2867	2870	2878	rVB4	114916	152524	5.68%	0.471%
95	19.976	2911	2917	2931	rBV	1736712	2684515	100.00%	8.282%
96	21.480	3168	3173	3183	rVB	77733	210000	7.82%	0.648%
97	21.897	3236	3244	3257	rBV	1377415	2541972	94.69%	7.843%
98	23.384	3493	3497	3508	rVB5	123509	268115	9.99%	0.827%
99	25.076	3776	3785	3801	rVB	804148	2304833	85.86%	7.111%
100	25.317	3816	3826	3842	rVB	713727	2216974	82.58%	6.840%

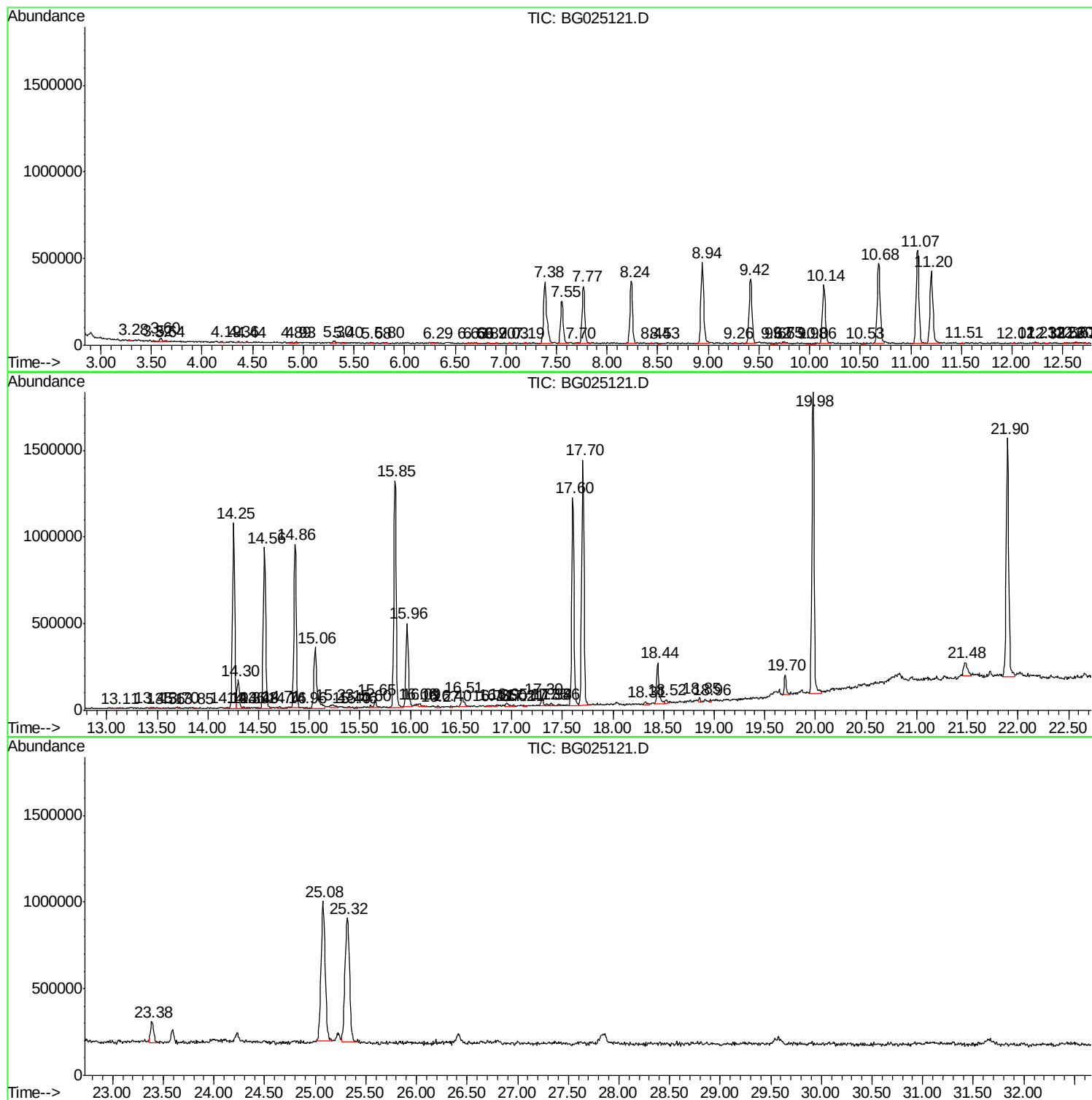
Sum of corrected areas: 32412452

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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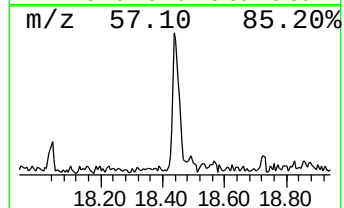
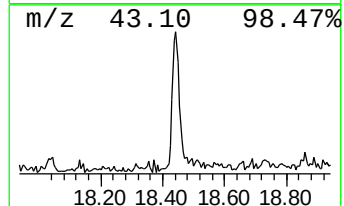
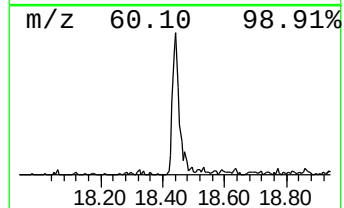
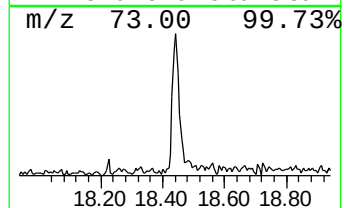
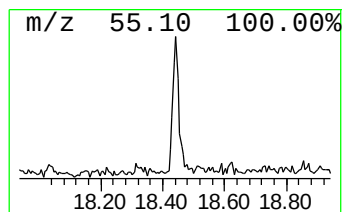
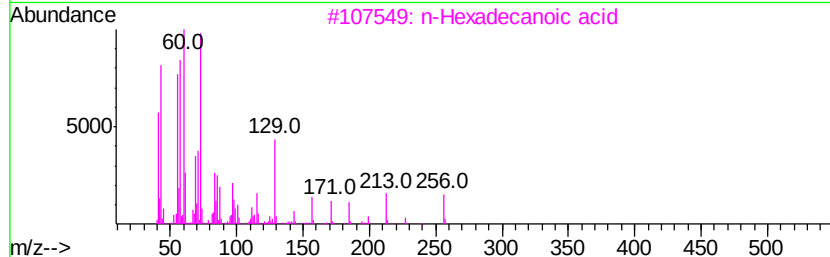
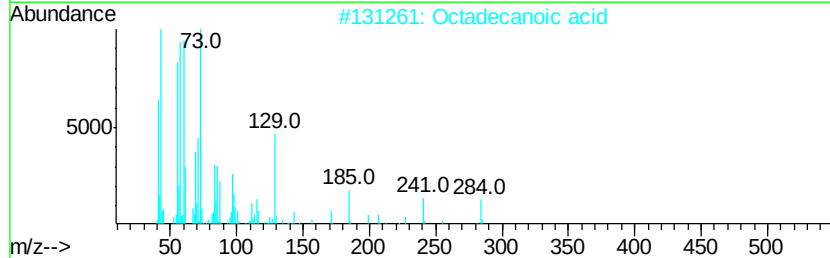
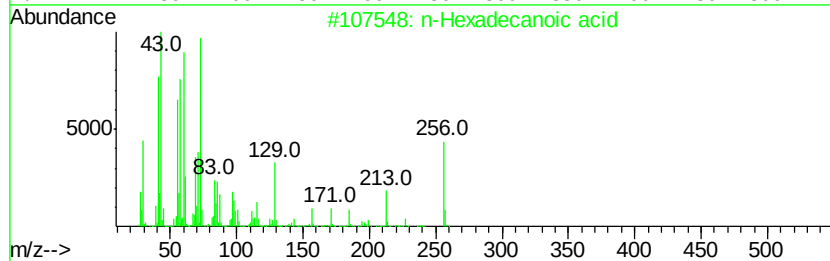
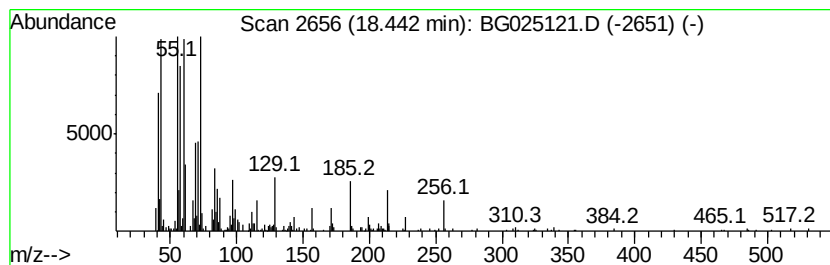
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.44	3.96 ng/ul	382945	Phenanthrene-d10	17.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
2	Octadecanoic acid	284	C18H36O2	000057-11-4	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70



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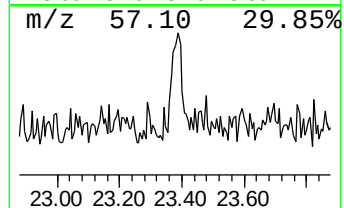
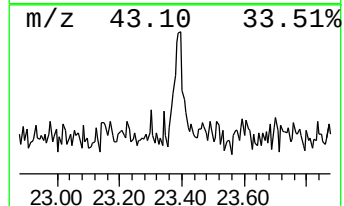
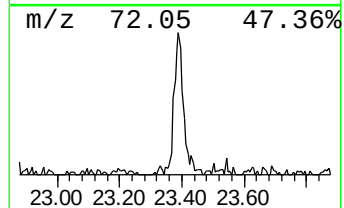
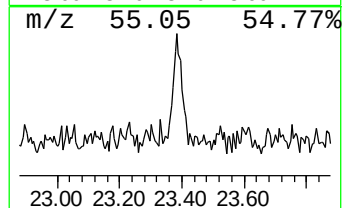
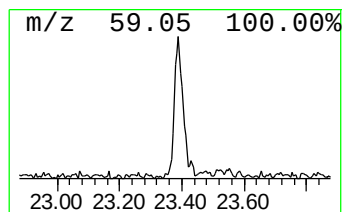
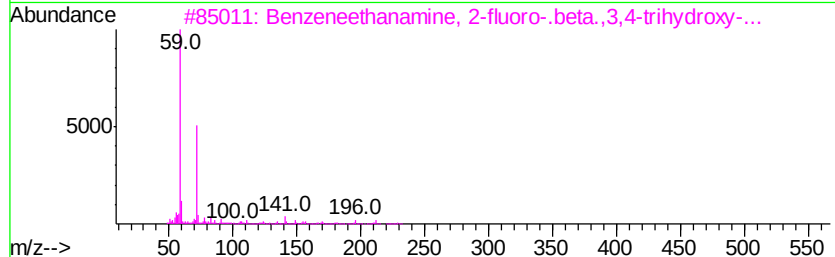
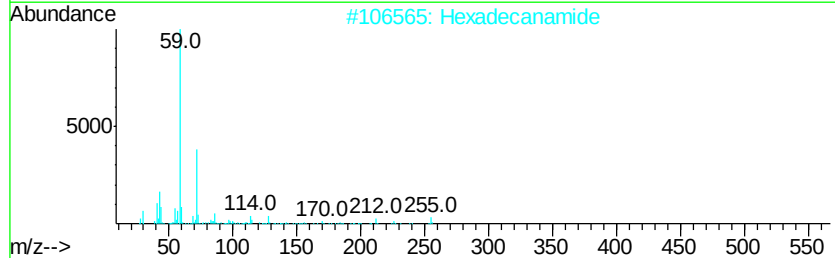
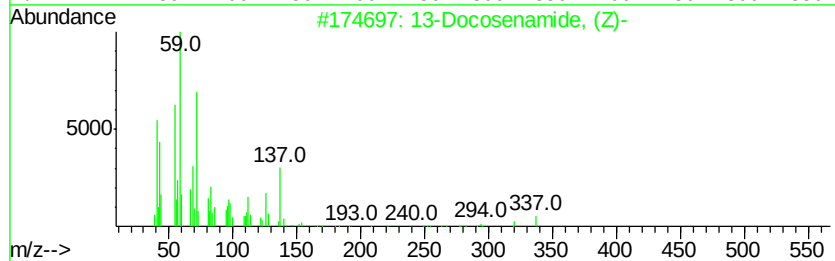
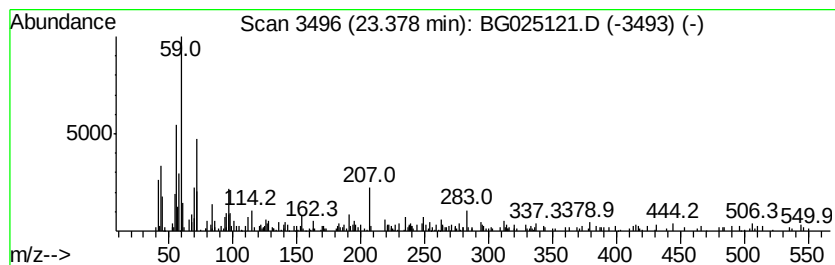
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Peak Number 2 13-Docosenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.38	2.11 ng/ul	268115	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	68
2		Hexadecanamide	255	C16H33NO	000629-54-9	64
3		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	58
4		Dodecanamide	199	C12H25NO	001120-16-7	53
5		Tetradecanamide	227	C14H29NO	000638-58-4	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.44	4.0	ng/ul	382945	4	17.60	1935140	20.0
13-Docosenamide, ...	23.38	2.1	ng/ul	268115	5	21.90	2541970	20.0