

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
 Data File : BG025273.D
 Acq On : 17 Dec 2016 14:14
 Operator : UM/SJ
 Sample : H6040-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA8W6

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	3.214	59	64	69	rBV5	17243	33485	1.31%	0.121%
2	3.585	122	127	138	rVB5	20385	38987	1.52%	0.141%
3	3.761	152	157	161	rBV5	6386	12856	0.50%	0.047%
4	3.890	174	179	182	rBV6	5633	7974	0.31%	0.029%
5	4.225	232	236	238	rBV4	4097	6780	0.26%	0.025%
6	4.266	240	243	247	rBV5	4172	7192	0.28%	0.026%
7	4.366	254	260	261	rBV5	6354	11921	0.47%	0.043%
8	4.489	279	281	286	rVB4	5376	6920	0.27%	0.025%
9	5.024	368	372	374	rVB4	4763	6484	0.25%	0.023%
10	5.647	473	478	481	rBV3	4223	6965	0.27%	0.025%
11	5.735	490	493	498	rBV3	3727	6930	0.27%	0.025%
12	6.193	570	571	576	rBV4	4392	6545	0.26%	0.024%
13	6.681	651	654	660	rVB6	4954	10052	0.39%	0.036%
14	7.004	705	709	714	rBV4	3700	6361	0.25%	0.023%
15	7.392	766	775	790	rVB2	384276	810406	31.65%	2.936%
16	7.551	795	802	812	rVB	261526	465140	18.16%	1.685%
17	7.627	812	815	820	rBV6	6357	10016	0.39%	0.036%
18	7.762	829	838	853	rVB	359014	691884	27.02%	2.507%
19	8.232	911	918	931	rVB2	275795	497222	19.42%	1.802%
20	8.408	946	948	956	rVB5	5089	9944	0.39%	0.036%
21	8.949	1031	1040	1057	rBV	439792	874458	34.15%	3.168%
22	9.419	1112	1120	1130	rBV	369676	721401	28.17%	2.614%
23	9.724	1168	1172	1177	rBV5	8545	13858	0.54%	0.050%
24	9.813	1183	1187	1193	rBV4	4101	7793	0.30%	0.028%
25	9.971	1208	1214	1216	rBV5	6301	11080	0.43%	0.040%
26	10.142	1233	1243	1252	rBV2	353446	677760	26.47%	2.456%
27	10.412	1287	1289	1293	rVB2	5047	6592	0.26%	0.024%
28	10.447	1293	1295	1302	rBV5	4009	9580	0.37%	0.035%
29	10.688	1325	1336	1352	rBV	466309	970694	37.91%	3.517%
30	10.806	1354	1356	1362	rVB2	3599	6262	0.24%	0.023%
31	11.058	1390	1399	1417	rBV	367433	706773	27.60%	2.561%
32	11.205	1417	1424	1434	rBV	145836	300598	11.74%	1.089%
33	11.364	1446	1451	1462	rVB7	7223	14899	0.58%	0.054%
34	11.722	1505	1512	1513	rVB5	4790	6637	0.26%	0.024%

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35	11.898	1539	1542	1544	rVB3	6289	6273	0.24%	0.023%
36	11.940	1544	1549	1550	rBV3	4989	6519	0.25%	0.024%
37	12.363	1618	1621	1627	rVB3	5507	7616	0.30%	0.028%
38	12.697	1675	1678	1683	rBV3	4937	7678	0.30%	0.028%
39	13.068	1736	1741	1743	rBV3	7295	9733	0.38%	0.035%
40	13.203	1761	1764	1771	rBV7	6123	14323	0.56%	0.052%
41	13.256	1771	1773	1777	rVB3	4139	6503	0.25%	0.024%
42	13.309	1777	1782	1790	rBV7	8028	22749	0.89%	0.082%
43	13.403	1790	1798	1802	rBV6	6004	15712	0.61%	0.057%
44	13.432	1802	1803	1813	rVB6	5904	12096	0.47%	0.044%
45	13.520	1813	1818	1826	rVB4	6578	16138	0.63%	0.058%
46	13.690	1842	1847	1852	rBV4	6781	13785	0.54%	0.050%
47	13.755	1855	1858	1864	rVB6	8488	12129	0.47%	0.044%
48	14.249	1935	1942	1947	rBV	884898	1345916	52.56%	4.876%
49	14.296	1947	1950	1960	rVV	202200	286256	11.18%	1.037%
50	14.448	1971	1976	1977	rBV2	4475	6458	0.25%	0.023%
51	14.554	1985	1994	2008	rVV	894824	1509750	58.96%	5.470%
52	14.695	2014	2018	2022	rBV4	14121	19383	0.76%	0.070%
53	14.854	2036	2045	2053	rVV	609293	985628	38.49%	3.571%
54	14.918	2053	2056	2059	rVB4	6677	8834	0.34%	0.032%
55	15.077	2076	2083	2099	rBV	390360	811529	31.69%	2.940%
56	15.242	2107	2111	2117	rVB8	16036	33432	1.31%	0.121%
57	15.306	2118	2122	2126	rVV5	7188	7849	0.31%	0.028%
58	15.383	2131	2135	2137	rBV4	6150	7641	0.30%	0.028%
59	15.482	2146	2152	2156	rBV7	4908	8564	0.33%	0.031%
60	15.641	2168	2179	2184	rBV2	54872	81563	3.19%	0.296%
61	15.776	2200	2202	2205	rBV4	5562	7548	0.29%	0.027%
62	15.841	2205	2213	2229	rVV	1168237	1934432	75.54%	7.009%
63	15.982	2229	2237	2251	rBV	348190	694374	27.12%	2.516%
64	16.088	2251	2255	2262	rVB8	24570	46597	1.82%	0.169%
65	16.193	2270	2273	2280	rVB7	6914	11854	0.46%	0.043%
66	16.264	2280	2285	2288	rBV6	7653	10417	0.41%	0.038%
67	16.499	2320	2325	2335	rBV2	50715	95044	3.71%	0.344%
68	16.628	2343	2347	2351	rBV5	5965	10366	0.40%	0.038%
69	16.781	2368	2373	2377	rVV8	10850	19353	0.76%	0.070%
70	16.846	2379	2384	2387	rBV7	5198	8487	0.33%	0.031%
71	16.898	2390	2393	2399	rVB7	15576	25165	0.98%	0.091%

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72	16.951	2399	2402	2408	rBV8	8051	17344	0.68%	0.063%
73	17.075	2419	2423	2426	rBV6	9790	14462	0.56%	0.052%
74	17.122	2427	2431	2434	rVB5	6630	9580	0.37%	0.035%
75	17.192	2442	2443	2447	rBV3	6975	9222	0.36%	0.033%
76	17.286	2454	2459	2464	rBV2	41175	65989	2.58%	0.239%
77	17.345	2465	2469	2473	rVV5	14758	23035	0.90%	0.083%
78	17.380	2473	2475	2479	rVB5	9788	12177	0.48%	0.044%
79	17.521	2497	2499	2503	rBV4	8672	9313	0.36%	0.034%
80	17.603	2505	2513	2522	rBV	765385	1262977	49.32%	4.576%
81	17.697	2522	2529	2542	rVB2	1293634	2100243	82.02%	7.609%
82	17.815	2547	2549	2551	rBV3	7137	7508	0.29%	0.027%
83	18.032	2581	2586	2590	rVB7	15914	23427	0.91%	0.085%
84	18.150	2604	2606	2609	rVB4	11124	11885	0.46%	0.043%
85	18.215	2616	2617	2625	rVB8	8766	11545	0.45%	0.042%
86	18.438	2649	2655	2662	rBV2	131884	199903	7.81%	0.724%
87	18.514	2666	2668	2674	rVB5	14538	23973	0.94%	0.087%
88	18.638	2686	2689	2692	rBV5	10372	9726	0.38%	0.035%
89	18.702	2697	2700	2706	rBV6	11668	24870	0.97%	0.090%
90	18.761	2706	2710	2715	rVB8	11129	22199	0.87%	0.080%
91	18.843	2718	2724	2728	rBV8	10151	18230	0.71%	0.066%
92	18.972	2744	2746	2748	rBV3	10753	11247	0.44%	0.041%
93	19.695	2865	2869	2874	rBV5	49429	74204	2.90%	0.269%
94	19.860	2894	2897	2904	rVB4	32065	34936	1.36%	0.127%
95	19.977	2910	2917	2927	rBV	1662901	2560781	100.00%	9.278%
96	20.835	3060	3063	3072	rVB4	78819	120648	4.71%	0.437%
97	21.464	3166	3170	3179	rBV6	102111	201279	7.86%	0.729%
98	21.893	3236	3243	3251	rBV	876855	1552088	60.61%	5.623%
99	25.083	3776	3786	3799	rBV2	860998	2550913	99.61%	9.242%
100	25.318	3816	3826	3840	rVB	468906	1506454	58.83%	5.458%

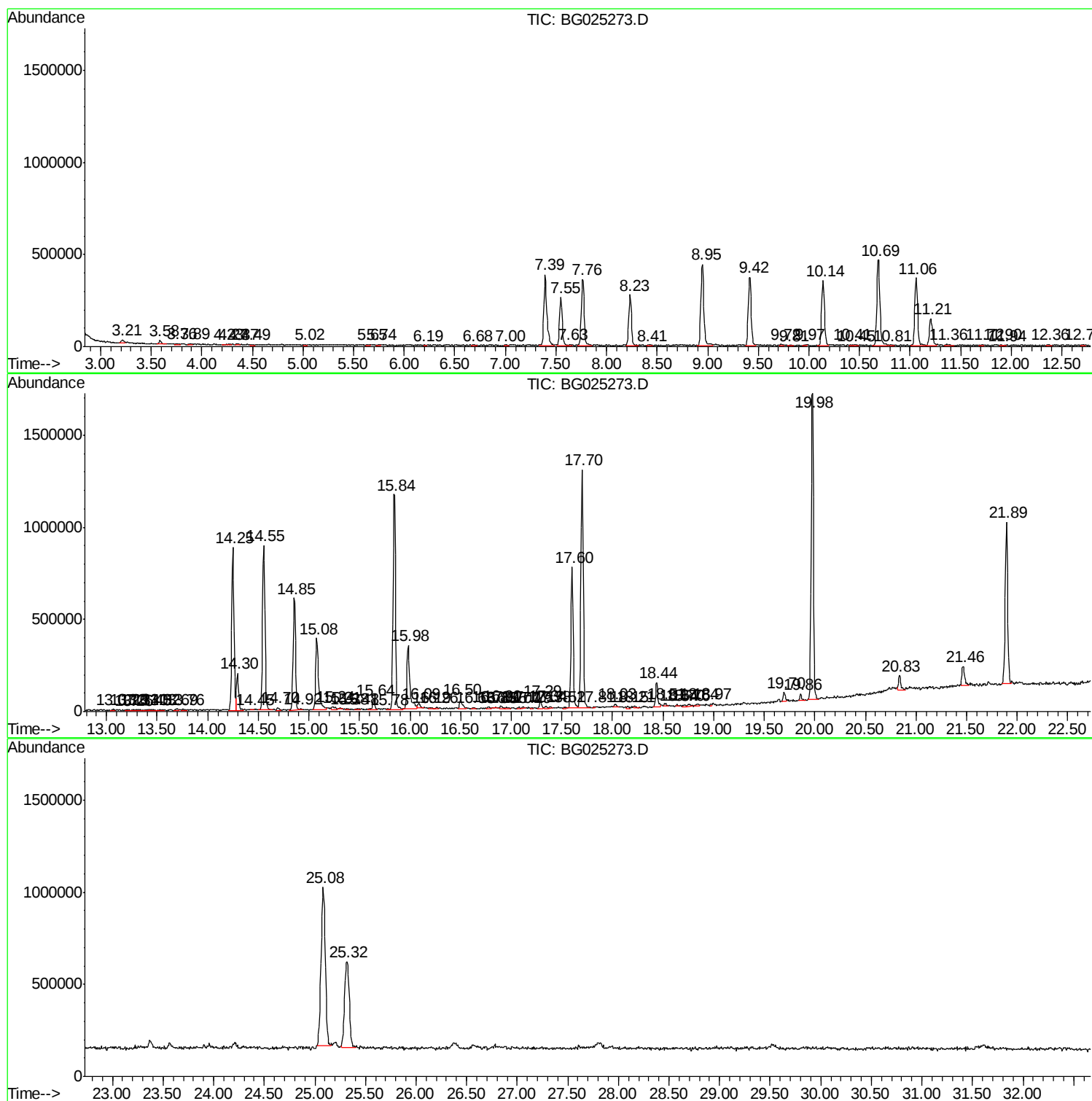
Sum of corrected areas: 27600301

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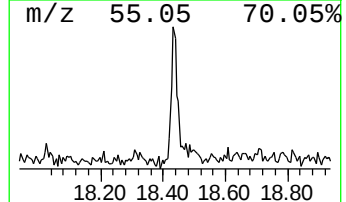
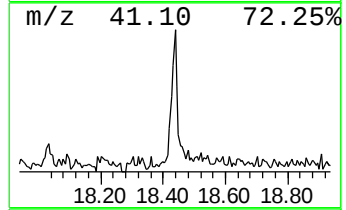
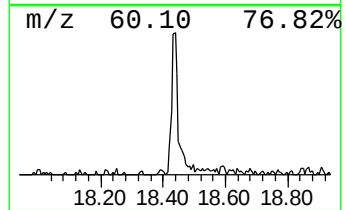
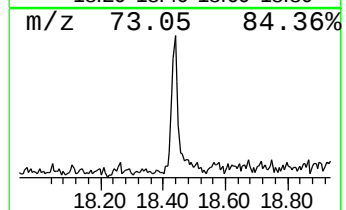
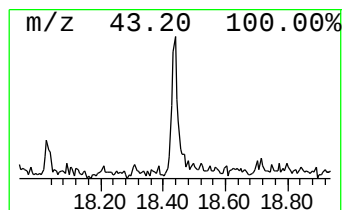
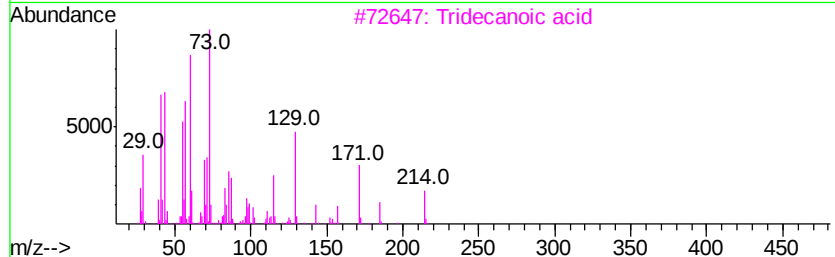
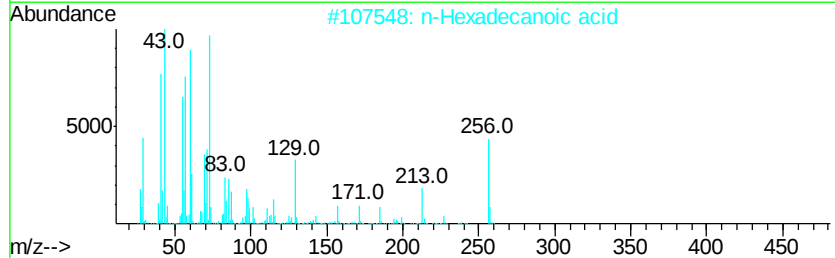
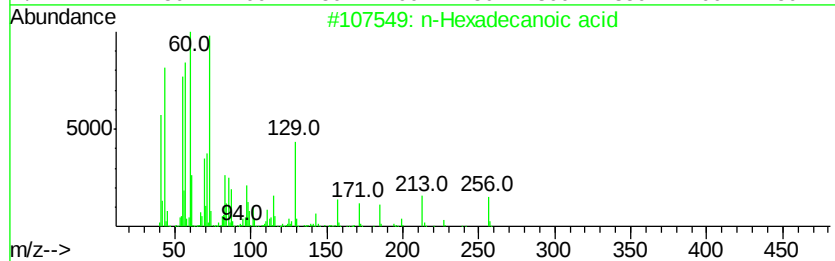
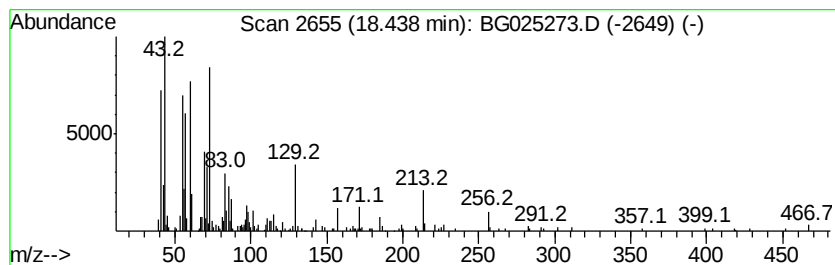
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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	3.17 ng/ul	199903	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tridecanoic acid	214	C13H26O2	000638-53-9	93
5		Undecanoic acid	186	C11H22O2	000112-37-8	81



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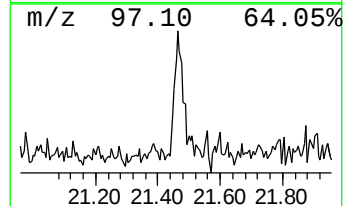
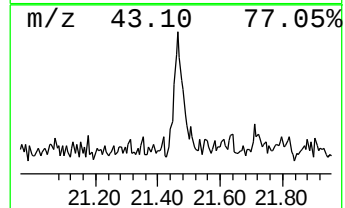
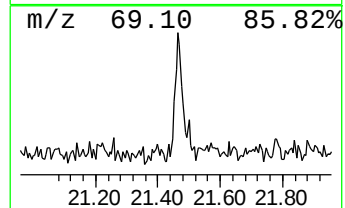
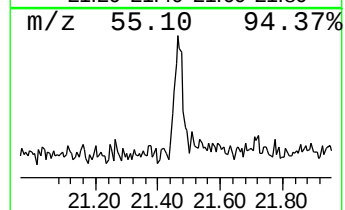
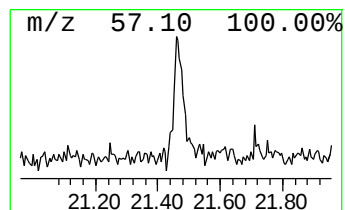
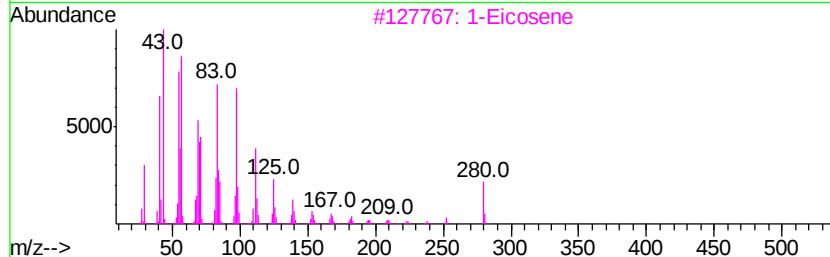
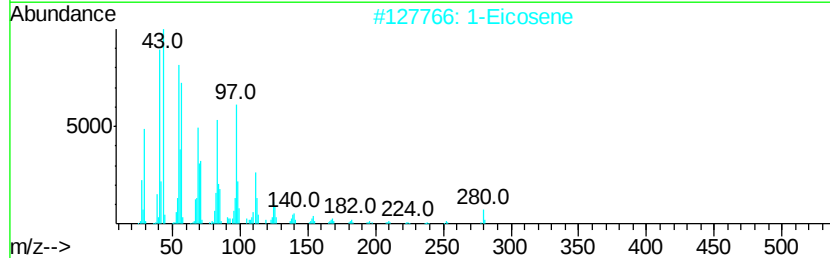
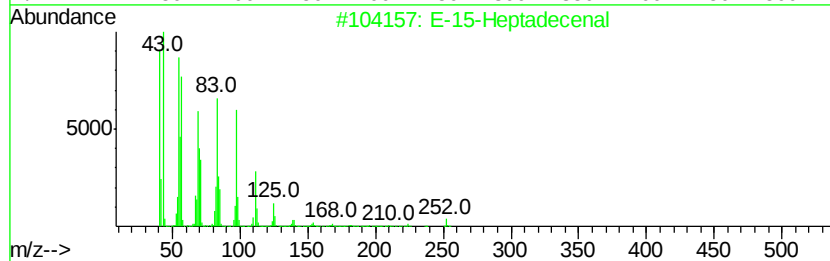
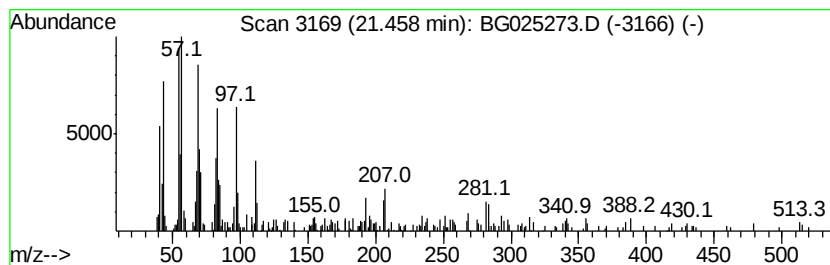
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 E-15-Heptadecenal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	2.59 ng/ul	201279	Chrysene-d12	21.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	E-15-Heptadecenal	252 C17H32O	1000130-97-9	86
2	1-Eicosene	280 C20H40	003452-07-1	70
3	1-Eicosene	280 C20H40	003452-07-1	64
4	Fumaric acid, 2-chloropropyl dod...	360 C19H33ClO4	1000348-57-0	55
5	3-Eicosene, (E)-	280 C20H40	074685-33-9	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.44	3.2	ng/ul	199903	4	17.60	1262980	20.0
E-15-Heptadecenal	21.46	2.6	ng/ul	201279	5	21.89	1552090	20.0