

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101816\
 Data File : BG024423.D
 Acq On : 18 Oct 2016 17:25
 Operator : UM/SJ
 Sample : H5231-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNN6

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-BG0100716.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	3.642	133	137	153	rVB9	27735	80473	1.95%	0.154%
2	4.406	265	267	274	rVB7	14948	25241	0.61%	0.048%
3	4.700	314	317	320	rBV5	11888	19020	0.46%	0.036%
4	4.882	346	348	354	rVB6	8552	14415	0.35%	0.028%
5	5.199	400	402	407	rBV6	8941	15854	0.38%	0.030%
6	5.358	422	429	434	rBV8	18644	41881	1.02%	0.080%
7	5.552	459	462	467	rBV6	7973	14365	0.35%	0.028%
8	5.763	495	498	502	rVB6	11473	15964	0.39%	0.031%
9	6.821	672	678	681	rBV7	8760	16463	0.40%	0.032%
10	7.414	770	779	791	rBV	508020	1030194	24.97%	1.973%
11	7.597	800	810	822	rVB	369937	642531	15.57%	1.230%
12	7.808	838	846	857	rVB	475104	855571	20.74%	1.638%
13	7.896	859	861	865	rBV5	9272	12740	0.31%	0.024%
14	8.084	891	893	898	rVB6	13025	18495	0.45%	0.035%
15	8.284	916	927	938	rBV2	616153	1126088	27.29%	2.156%
16	8.548	969	972	978	rVB7	9871	17873	0.43%	0.034%
17	8.619	978	984	987	rBV5	8376	17242	0.42%	0.033%
18	8.678	992	994	1000	rBV7	6781	12067	0.29%	0.023%
19	8.971	1034	1044	1054	rVV	669037	1212851	29.39%	2.322%
20	9.101	1062	1066	1071	rBV5	8406	17619	0.43%	0.034%
21	9.453	1117	1126	1137	rBV2	540928	1047908	25.40%	2.007%
22	9.812	1178	1187	1196	rVB2	19328	65386	1.58%	0.125%
23	9.870	1196	1197	1201	rBV4	9057	12476	0.30%	0.024%
24	10.182	1241	1250	1265	rVB2	499139	922224	22.35%	1.766%
25	10.464	1293	1298	1304	rBV8	7379	15019	0.36%	0.029%
26	10.711	1333	1340	1350	rVB	679686	1283265	31.10%	2.457%
27	11.110	1398	1408	1419	rVB	958634	1785931	43.28%	3.420%
28	11.239	1421	1430	1440	rBV	636822	1200262	29.09%	2.298%
29	11.833	1529	1531	1534	rBV2	13964	15034	0.36%	0.029%
30	12.379	1621	1624	1628	rBV6	11279	20596	0.50%	0.039%
31	12.473	1636	1640	1644	rBV6	11743	13559	0.33%	0.026%
32	12.673	1667	1674	1682	rBV7	20447	41632	1.01%	0.080%
33	12.738	1682	1685	1691	rVB5	9508	15574	0.38%	0.030%
34	12.791	1691	1694	1698	rBV5	10566	16690	0.40%	0.032%

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35	12.955	1721	1722	1727	rBV4	8692	12435	0.30%	0.024%
36	13.073	1738	1742	1745	rBV5	9297	14760	0.36%	0.028%
37	13.266	1766	1775	1778	rBV10	8394	12408	0.30%	0.024%
38	13.654	1836	1841	1843	rBV5	8188	12060	0.29%	0.023%
39	13.760	1853	1859	1865	rVB5	39535	66093	1.60%	0.127%
40	14.089	1910	1915	1921	rBV5	30133	46361	1.12%	0.089%
41	14.289	1938	1949	1953	rBV	1452243	2173431	52.68%	4.162%
42	14.336	1953	1957	1963	rVB	629468	892568	21.63%	1.709%
43	14.594	1993	2001	2009	rBV	1512109	2377695	57.63%	4.553%
44	14.747	2023	2027	2035	rVV2	38361	57535	1.39%	0.110%
45	14.900	2046	2053	2060	rBV	1732793	2781047	67.40%	5.325%
46	15.058	2073	2080	2092	rBV2	726765	1164560	28.22%	2.230%
47	15.188	2097	2102	2103	rBV4	11231	14504	0.35%	0.028%
48	15.258	2108	2114	2117	rVB8	16287	32649	0.79%	0.063%
49	15.299	2117	2121	2127	rBV7	10478	22655	0.55%	0.043%
50	15.358	2127	2131	2136	rBV8	13925	22650	0.55%	0.043%
51	15.429	2140	2143	2148	rVB7	10994	17259	0.42%	0.033%
52	15.511	2153	2157	2164	rVB9	11654	27603	0.67%	0.053%
53	15.558	2164	2165	2169	rBV4	9437	15036	0.36%	0.029%
54	15.652	2178	2181	2183	rVV4	11617	15023	0.36%	0.029%
55	15.699	2183	2189	2195	rVB2	81154	120811	2.93%	0.231%
56	15.752	2195	2198	2202	rBV5	11249	14515	0.35%	0.028%
57	15.799	2202	2206	2213	rVB3	49891	75493	1.83%	0.145%
58	15.881	2213	2220	2229	rBV	2035814	3214396	77.90%	6.155%
59	15.987	2232	2238	2246	rBV	710431	1068721	25.90%	2.046%
60	16.116	2251	2260	2267	rBV10	32736	107034	2.59%	0.205%
61	16.198	2271	2274	2277	rVB4	13286	12306	0.30%	0.024%
62	16.245	2279	2282	2291	rVB10	19910	37302	0.90%	0.071%
63	16.316	2291	2294	2300	rBV6	24292	31452	0.76%	0.060%
64	16.510	2323	2327	2329	rBV5	10548	14447	0.35%	0.028%
65	16.557	2330	2335	2344	rVB	101353	172345	4.18%	0.330%
66	16.745	2366	2367	2372	rBV5	12390	13892	0.34%	0.027%
67	16.839	2377	2383	2389	rBV5	14742	31417	0.76%	0.060%
68	16.897	2390	2393	2397	rBV6	16055	25694	0.62%	0.049%
69	17.044	2414	2418	2424	rVB3	43582	60181	1.46%	0.115%
70	17.127	2430	2432	2437	rVB6	12196	12321	0.30%	0.024%
71	17.215	2445	2447	2452	rBV6	9595	13071	0.32%	0.025%

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72	17.356	2464	2471	2477	rBV3	131630	234703	5.69%	0.449%
73	17.503	2491	2496	2501	rVB9	11570	23643	0.57%	0.045%
74	17.638	2508	2519	2528	rBV2	2109610	3422100	82.94%	6.553%
75	17.738	2528	2536	2546	rVB	2147703	3455585	83.75%	6.617%
76	17.885	2558	2561	2567	rBV8	14308	22249	0.54%	0.043%
77	17.979	2572	2577	2590	rBV4	110983	219559	5.32%	0.420%
78	18.114	2597	2600	2607	rVB4	38511	49872	1.21%	0.095%
79	18.331	2636	2637	2640	rBV3	11536	14286	0.35%	0.027%
80	18.384	2640	2646	2648	rVB7	17501	27964	0.68%	0.054%
81	18.478	2656	2662	2671	rBV2	369014	551253	13.36%	1.056%
82	19.042	2755	2758	2768	rVB7	38561	76484	1.85%	0.146%
83	19.336	2804	2808	2815	rBV9	32532	62132	1.51%	0.119%
84	19.442	2824	2826	2828	rBV3	14353	13420	0.33%	0.026%
85	19.641	2838	2860	2865	rBV5	53995	192369	4.66%	0.368%
86	19.735	2871	2876	2883	rBV3	153358	227384	5.51%	0.435%
87	19.829	2889	2892	2897	rVB6	46338	47600	1.15%	0.091%
88	19.894	2900	2903	2907	rVB3	32515	42567	1.03%	0.082%
89	20.006	2916	2922	2930	rVB	2652590	3906785	94.68%	7.481%
90	20.517	3006	3009	3016	rBV9	46346	80373	1.95%	0.154%
91	20.993	3086	3090	3094	rBV7	24531	41962	1.02%	0.080%
92	21.163	3116	3119	3126	rVB9	53877	77454	1.88%	0.148%
93	21.516	3174	3179	3194	rBV4	250807	588903	14.27%	1.128%
94	21.856	3233	3237	3243	rBV8	44497	83359	2.02%	0.160%
95	21.933	3243	3250	3259	rVB	2234481	3941925	95.54%	7.548%
96	22.644	3367	3371	3377	rVB8	43958	80160	1.94%	0.153%
97	23.472	3506	3512	3520	rVB8	51579	111793	2.71%	0.214%
98	25.141	3784	3796	3810	rVB2	1217425	3758185	91.08%	7.196%
99	25.376	3825	3836	3853	rVB2	1322861	4126091	100.00%	7.901%
100	26.551	4030	4036	4050	rVB2	87696	279178	6.77%	0.535%

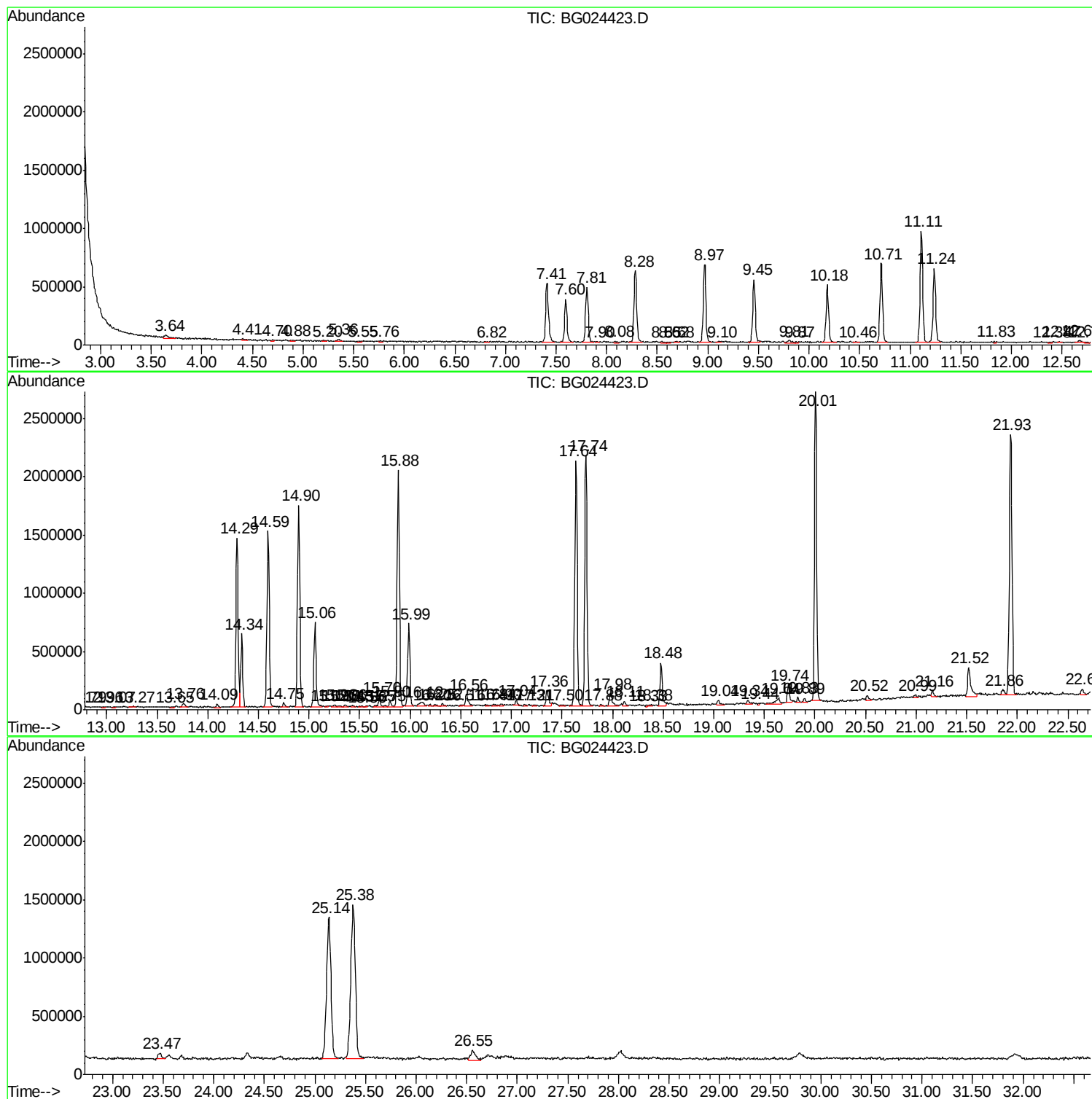
Sum of corrected areas: 52225571

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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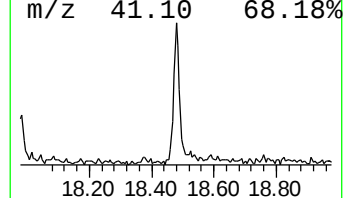
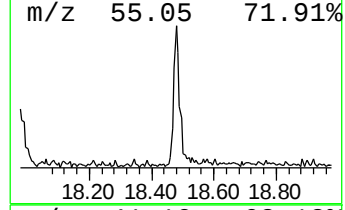
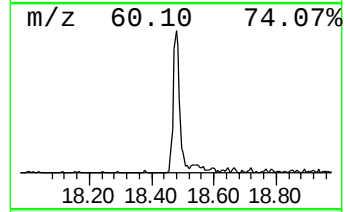
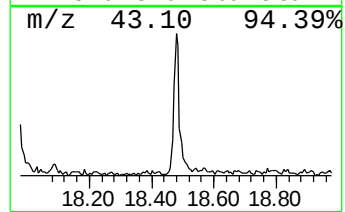
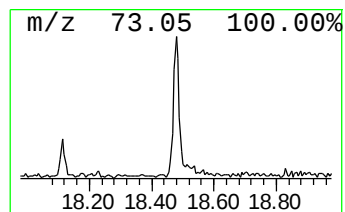
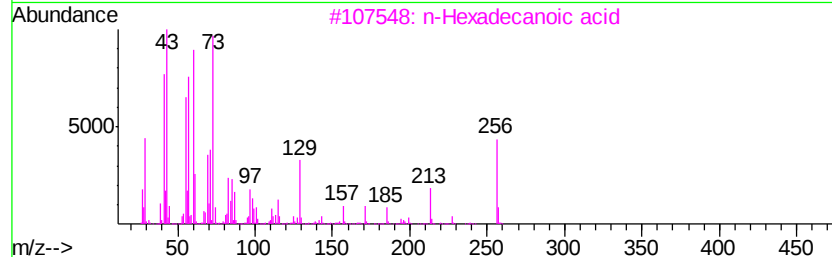
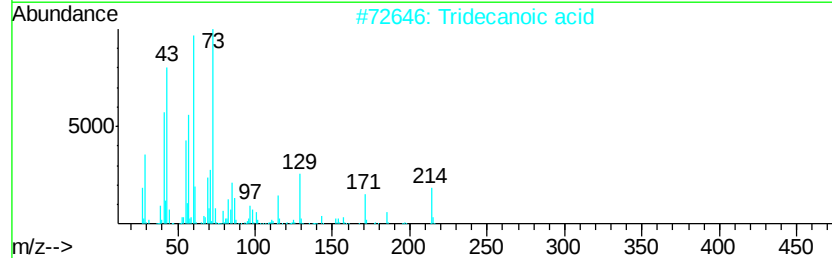
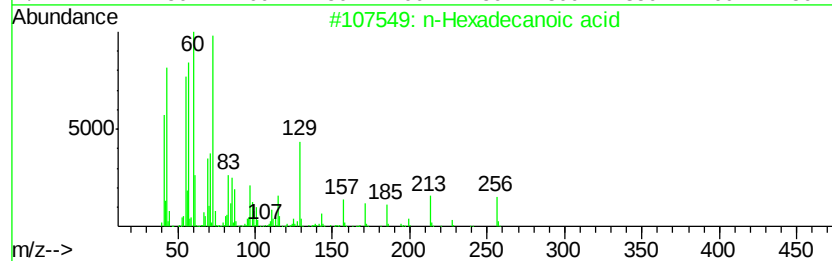
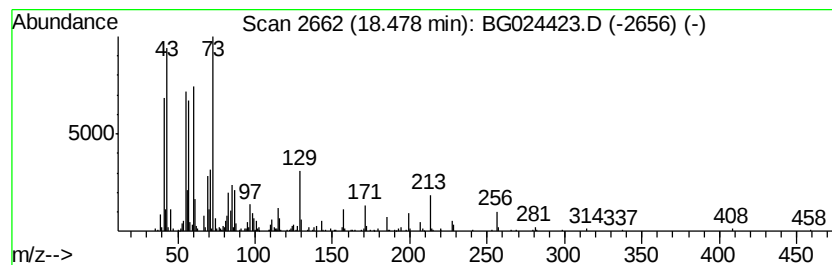
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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.	
18.48	3.22 ng/ul	551253	Phenanthrene-d10		17.64	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	Tridecanoic acid		214	C13H26O2	000638-53-9	93
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	93
4	Tridecanoic acid		214	C13H26O2	000638-53-9	76
5	Dodecanoic acid		200	C12H24O2	000143-07-7	76



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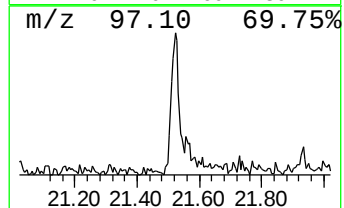
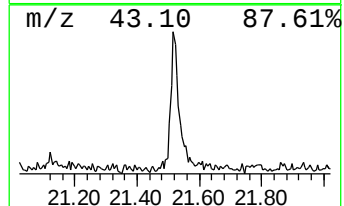
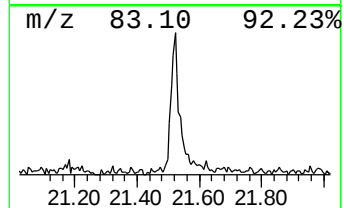
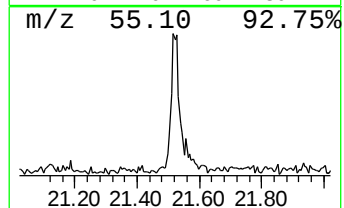
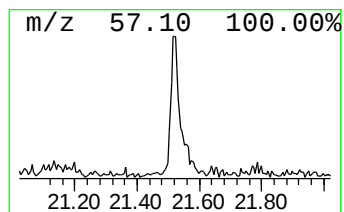
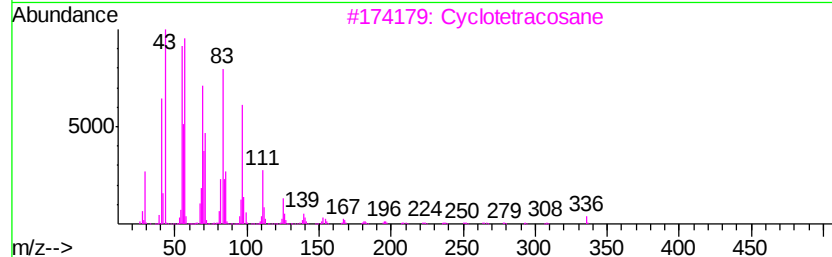
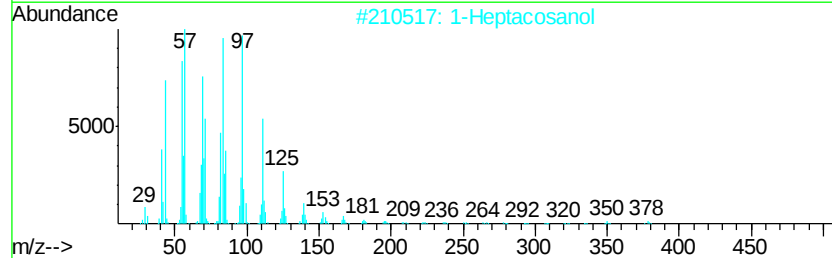
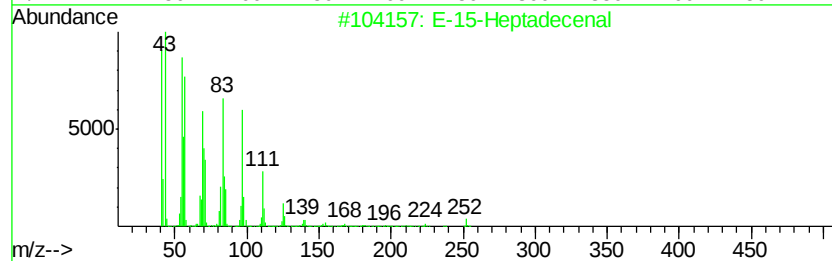
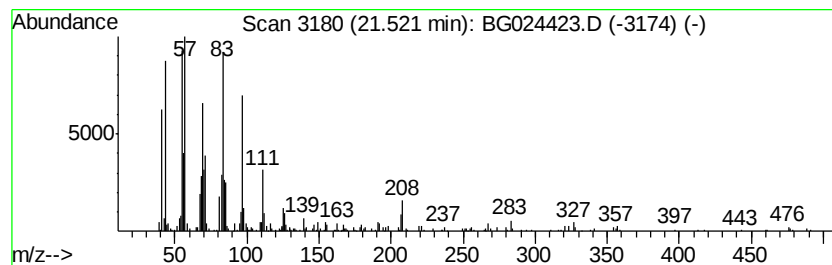
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 E-15-Heptadecenal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.99 ng/ul	588903	Chrysene-d12	21.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9 97
2	1-Heptacosanol	396	C27H56O	002004-39-9 90
3	Cyclotetracosane	336	C24H48	000297-03-0 90
4	Octacosanol	410	C28H58O	000557-61-9 90
5	1-Octadecene	252	C18H36	000112-88-9 90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.48	3.2	ng/ul	551253	4	17.64	3422100	20.0
E-15-Heptadecenal	21.52	3.0	ng/ul	588903	5	21.93	3941930	20.0