

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
 Data File : BG023593.D
 Acq On : 10 Aug 2016 15:38
 Operator : UM/SJ
 Sample : H4360-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS001-0206-01

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-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	5.185	397	399	401	rVB3	11243	8679	0.17%	0.016%
2	5.496	450	452	456	rBV4	7380	10268	0.21%	0.019%
3	5.878	516	517	521	rBV3	5353	7005	0.14%	0.013%
4	6.683	650	654	656	rBV5	7329	8975	0.18%	0.016%
5	7.100	719	725	729	rBV5	17691	41040	0.83%	0.075%
6	7.264	747	753	764	rBV	641922	1129241	22.72%	2.056%
7	7.423	774	780	791	rVB	523786	865446	17.41%	1.576%
8	7.640	810	817	826	rBV	621026	1072382	21.57%	1.952%
9	7.957	868	871	874	rVB3	6052	7026	0.14%	0.013%
10	8.110	890	897	907	rBV	605057	1071627	21.56%	1.951%
11	8.410	946	948	949	rBV2	11312	6494	0.13%	0.012%
12	8.821	1012	1018	1027	rBV	712106	1282058	25.79%	2.334%
13	8.944	1035	1039	1043	rBV7	10687	19405	0.39%	0.035%
14	9.127	1068	1070	1073	rBV3	4653	6358	0.13%	0.012%
15	9.285	1090	1097	1106	rBV	628067	1142646	22.99%	2.080%
16	9.397	1110	1116	1122	rBV3	57860	115547	2.32%	0.210%
17	9.502	1131	1134	1135	rVB2	8138	6613	0.13%	0.012%
18	9.667	1158	1162	1165	rBV5	6043	6395	0.13%	0.012%
19	9.902	1199	1202	1206	rVB6	5860	8145	0.16%	0.015%
20	10.014	1214	1221	1230	rBV	552254	1012772	20.37%	1.844%
21	10.266	1257	1264	1268	rBV7	9892	17506	0.35%	0.032%
22	10.395	1283	1286	1290	rVB4	5700	6683	0.13%	0.012%
23	10.566	1306	1315	1330	rBV	778503	1540416	30.99%	2.805%
24	10.948	1370	1380	1393	rVB	920596	1682691	33.85%	3.064%
25	11.083	1396	1403	1416	rBV	694599	1325840	26.67%	2.414%
26	11.464	1461	1468	1471	rBV8	7316	16577	0.33%	0.030%
27	11.629	1494	1496	1499	rVB4	6058	6528	0.13%	0.012%
28	11.652	1499	1500	1506	rBV5	8250	13475	0.27%	0.025%
29	11.741	1511	1515	1517	rBV4	13420	14803	0.30%	0.027%
30	12.340	1615	1617	1621	rBV3	5773	7604	0.15%	0.014%
31	12.534	1647	1650	1653	rVB3	13585	14940	0.30%	0.027%
32	12.810	1692	1697	1698	rVB5	6377	6576	0.13%	0.012%
33	13.127	1747	1751	1756	rVB6	12735	20801	0.42%	0.038%
34	13.374	1787	1793	1796	rBV7	15628	26249	0.53%	0.048%

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35	13.427	1799	1802	1811	rVV7	17355	39764	0.80%	0.072%
36	13.579	1826	1828	1833	rVB5	9070	8704	0.18%	0.016%
37	13.656	1836	1841	1845	rVB5	17334	32591	0.66%	0.059%
38	13.814	1865	1868	1871	rBV5	4827	6489	0.13%	0.012%
39	13.949	1889	1891	1896	rBV5	5086	7365	0.15%	0.013%
40	14.096	1912	1916	1917	rBV4	7367	9921	0.20%	0.018%
41	14.178	1920	1930	1934	rBV	1647270	2514345	50.58%	4.578%
42	14.225	1934	1938	1946	rVB	1332933	1895687	38.14%	3.451%
43	14.478	1972	1981	1989	rBV	1731292	2877241	57.88%	5.238%
44	14.648	2006	2010	2016	rBV3	33114	40646	0.82%	0.074%
45	14.731	2021	2024	2026	rBV4	6932	8712	0.18%	0.016%
46	14.784	2026	2033	2041	rVB2	1553661	2561917	51.54%	4.664%
47	14.854	2041	2045	2046	rBV3	8408	7110	0.14%	0.013%
48	14.995	2061	2069	2081	rBV	580990	1238554	24.92%	2.255%
49	15.259	2111	2114	2122	rVB8	17411	34477	0.69%	0.063%
50	15.342	2126	2128	2131	rVV4	8502	7094	0.14%	0.013%
51	15.389	2133	2136	2138	rBV4	8536	10127	0.20%	0.018%
52	15.559	2160	2165	2168	rBV	39129	55104	1.11%	0.100%
53	15.606	2168	2173	2178	rVB	86267	130440	2.62%	0.237%
54	15.665	2178	2183	2188	rBV9	12745	27643	0.56%	0.050%
55	15.776	2191	2202	2209	rBV	2454490	3927823	79.02%	7.151%
56	15.900	2217	2223	2232	rBV	868749	1244419	25.03%	2.266%
57	16.017	2236	2243	2248	rVB4	54746	100584	2.02%	0.183%
58	16.099	2256	2257	2258	rBV	12326	7686	0.15%	0.014%
59	16.229	2277	2279	2283	rBV3	16507	16068	0.32%	0.029%
60	16.470	2315	2320	2324	rBV	106124	175421	3.53%	0.319%
61	16.640	2346	2349	2350	rBV3	11201	11501	0.23%	0.021%
62	16.740	2363	2366	2367	rBV3	15182	19293	0.39%	0.035%
63	16.822	2375	2380	2383	rBV7	21758	47740	0.96%	0.087%
64	16.981	2405	2407	2410	rVB3	14390	12090	0.24%	0.022%
65	17.069	2417	2422	2426	rBV6	39105	69789	1.40%	0.127%
66	17.268	2452	2456	2461	rBV2	84875	101910	2.05%	0.186%
67	17.321	2462	2465	2470	rVB6	25947	42155	0.85%	0.077%
68	17.415	2479	2481	2485	rVB5	12739	16351	0.33%	0.030%
69	17.545	2497	2503	2509	rBV2	2155099	3343820	67.27%	6.088%
70	17.644	2514	2520	2527	rVV	2615188	4041840	81.31%	7.359%
71	17.909	2559	2565	2578	rBV	301200	660188	13.28%	1.202%

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72	18.009	2580	2582	2589	rVB3	52398	72607	1.46%	0.132%
73	18.420	2647	2652	2658	rBV2	393759	600786	12.09%	1.094%
74	18.614	2682	2685	2689	rBV4	38799	52330	1.05%	0.095%
75	18.708	2698	2701	2705	rVB	36602	31945	0.64%	0.058%
76	19.336	2804	2808	2812	rBV3	81060	121117	2.44%	0.221%
77	19.601	2850	2853	2857	rVB	150602	210502	4.23%	0.383%
78	19.689	2864	2868	2873	rVB4	113056	149125	3.00%	0.272%
79	19.935	2904	2910	2921	rBV	3177213	4970972	100.00%	9.050%
80	21.868	3232	3239	3245	rBV2	2058432	3562749	71.67%	6.486%
81	25.023	3767	3776	3786	rBV2	1427301	3911584	78.69%	7.122%
82	25.263	3807	3817	3827	rVB4	1116669	3361031	67.61%	6.119%

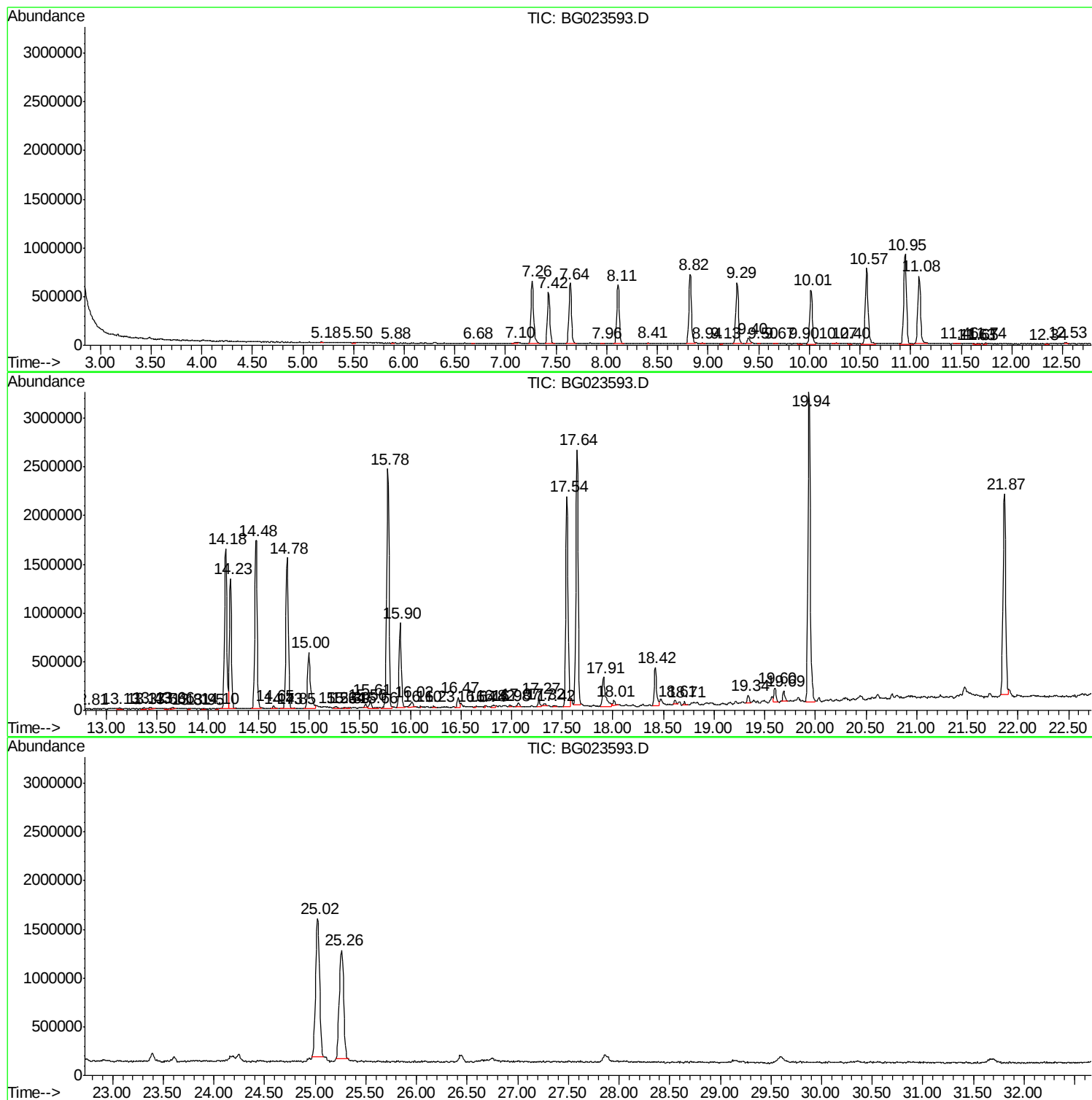
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



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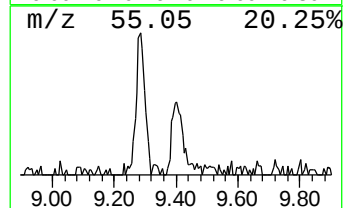
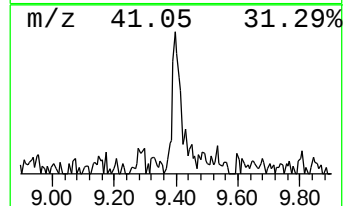
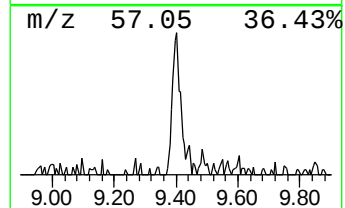
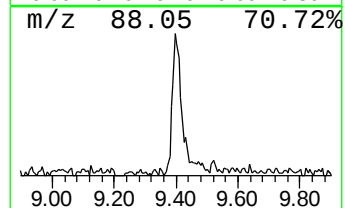
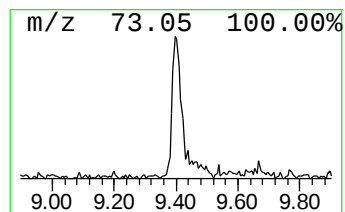
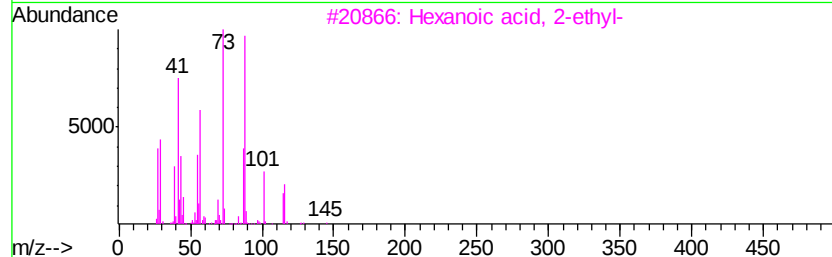
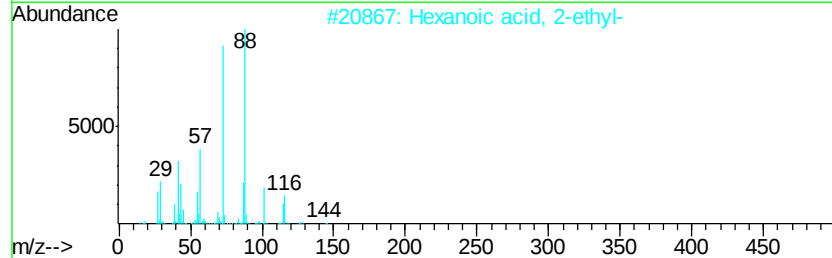
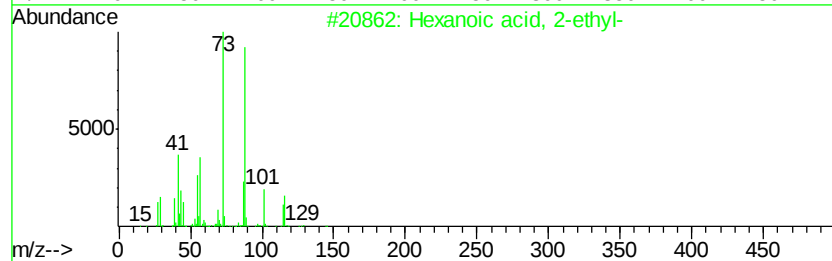
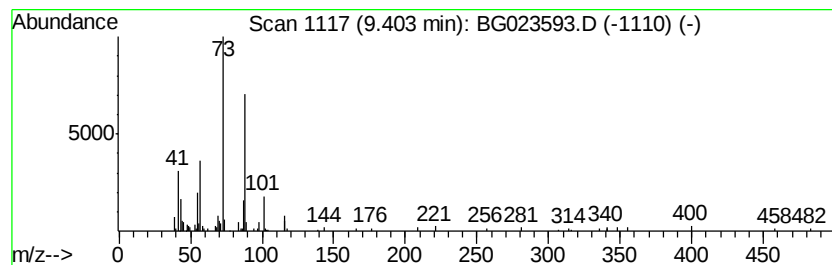
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
9.40	2.16 ng/ul	115547	1,4-Dichlorobenzene-d4	8.11		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	56	
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50	
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	50	
4	3-Aza-2-oxabicyclo[2.2.2]oct-5-e...	267	C10H12F3N04	102698-35-1	40	
5	2-Thiazolidinecarboxylic acid	133	C4H7N02S	016310-13-7	37	



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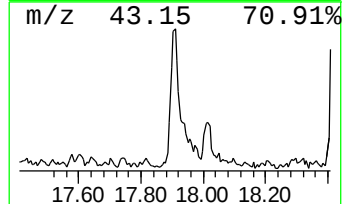
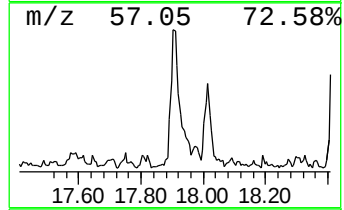
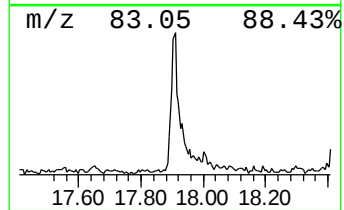
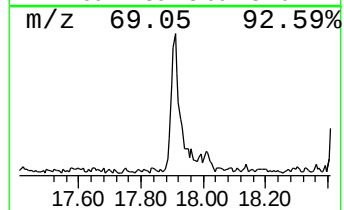
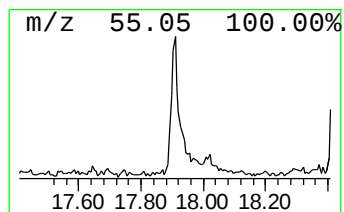
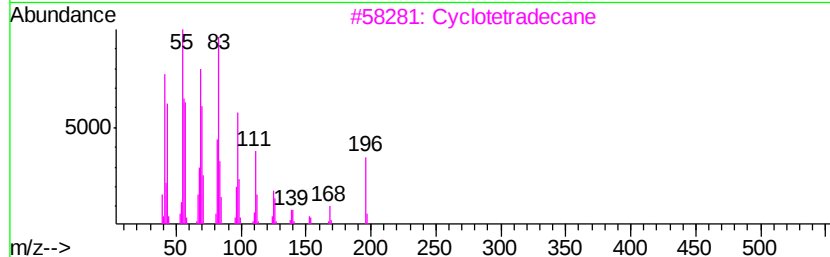
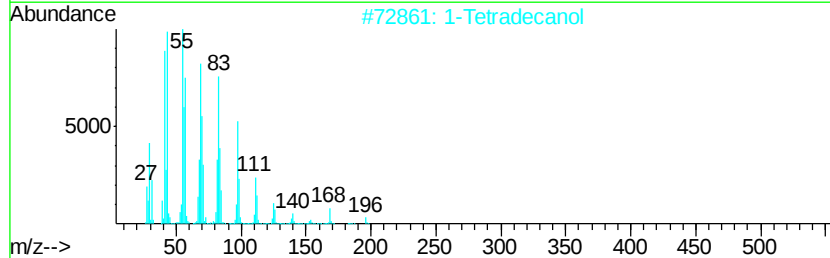
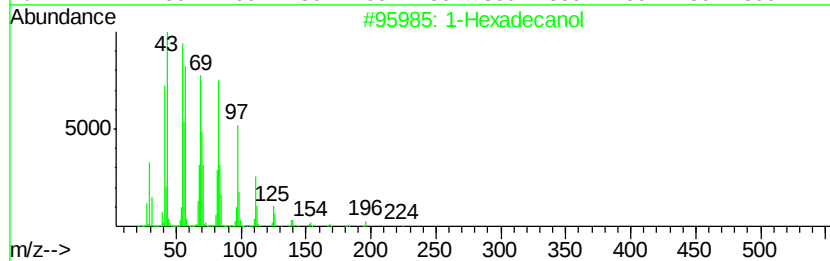
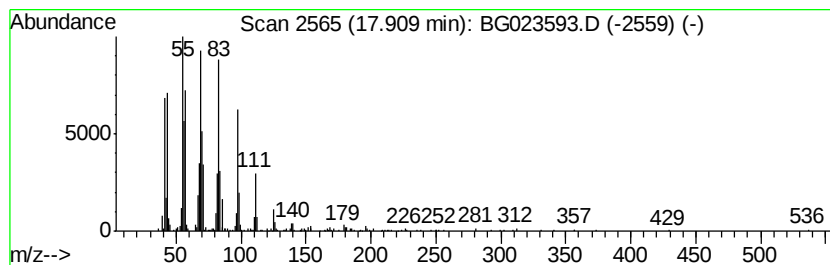
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 1-Hexadecanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	3.95 ng/ul	660188	Phenanthrene-d10	17.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexadecanol	242	C16H34O	036653-82-4	94
2			1-Tetradecanol	214	C14H30O	000112-72-1	91
3			Cyclotetradecane	196	C14H28	000295-17-0	91
4			1-Tetradecanol	214	C14H30O	000112-72-1	91
5			9-Octadecene, (E)-	252	C18H36	007206-25-9	90



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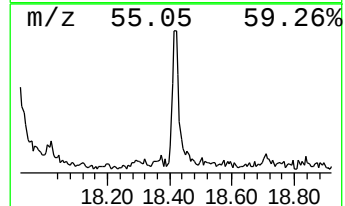
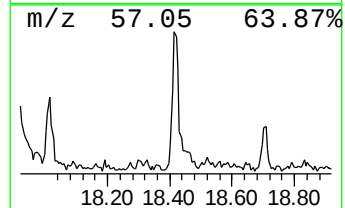
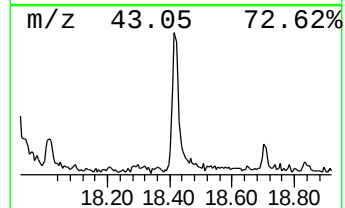
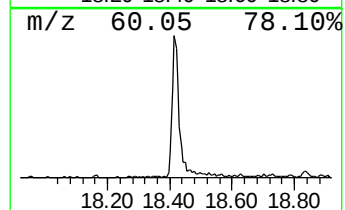
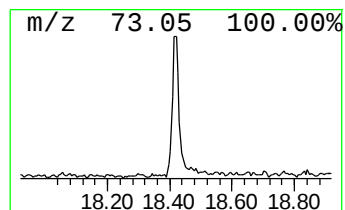
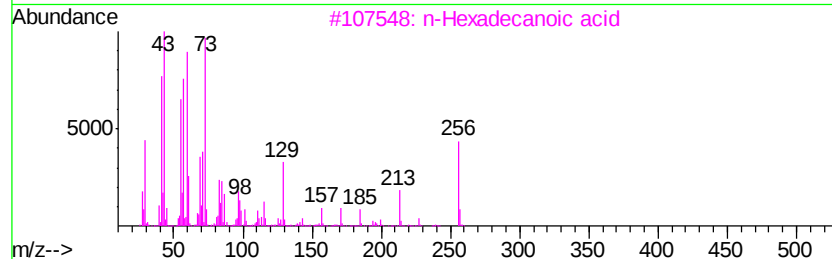
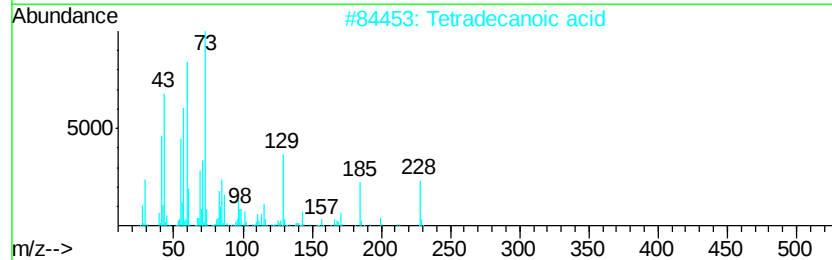
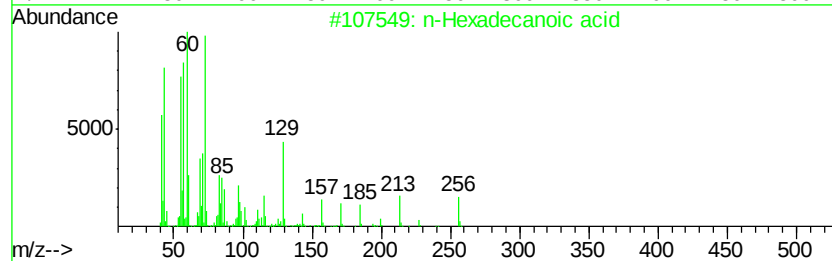
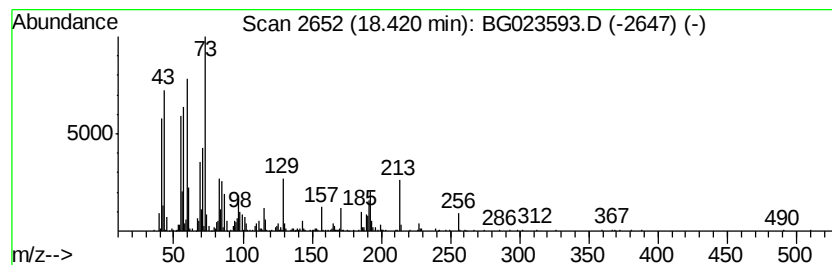
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.59 ng/ul	600786	Phenanthrene-d10	17.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5		Isopropyl palmitate	298	C19H38O2	000142-91-6	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexanoic acid, 2-...	9.40	2.2	ng/ul	115547	1	8.11	1071630	20.0
1-Hexadecanol	17.91	4.0	ng/ul	660188	4	17.54	3343820	20.0
n-Hexadecanoic acid	18.42	3.6	ng/ul	600786	4	17.54	3343820	20.0