

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
 Data File : BM047056.D
 Acq On : 07 Aug 2024 14:02
 Operator : RC/JU
 Sample : P3378-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ7

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM047056.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.022	19	23	29	rVB	60298	74602	1.47%	0.120%
2	3.293	66	69	75	rBV2	15337	23794	0.47%	0.038%
3	3.410	86	89	102	rBV	346262	503589	9.91%	0.808%
4	3.710	137	140	146	rVB	18674	24685	0.49%	0.040%
5	4.246	229	231	234	rVB4	5178	5395	0.11%	0.009%
6	4.463	265	268	273	rBV5	6952	11228	0.22%	0.018%
7	4.587	285	289	297	rVB5	7086	11068	0.22%	0.018%
8	4.969	348	354	359	rVB10	4644	10359	0.20%	0.017%
9	5.540	448	451	455	rBV4	5425	6710	0.13%	0.011%
10	5.698	474	478	483	rVB7	6795	10586	0.21%	0.017%
11	6.445	600	605	610	rBV4	8916	13376	0.26%	0.021%
12	6.598	619	631	640	rBV	484368	748020	14.72%	1.200%
13	6.751	651	657	669	rBV	826995	1240414	24.42%	1.989%
14	6.934	682	688	699	rBV	1011852	1588404	31.27%	2.547%
15	7.040	702	706	711	rVV6	11095	18219	0.36%	0.029%
16	7.392	760	766	774	rVB	1125364	1702678	33.52%	2.731%
17	7.475	776	780	783	rBV5	6892	9456	0.19%	0.015%
18	7.657	807	811	814	rBV6	4238	5903	0.12%	0.009%
19	7.757	823	828	832	rBV	39622	58151	1.14%	0.093%
20	8.110	882	888	902	rBV	1079128	1747546	34.40%	2.803%
21	8.210	904	905	910	rVB4	7458	8855	0.17%	0.014%
22	8.492	946	953	954	rBV4	18201	25502	0.50%	0.041%
23	8.539	954	961	972	rVB	954906	1552347	30.56%	2.490%
24	8.686	981	986	989	rBV7	4684	6295	0.12%	0.010%
25	8.851	1011	1014	1019	rVB6	4315	7416	0.15%	0.012%
26	8.981	1032	1036	1042	rVB4	10869	16622	0.33%	0.027%
27	9.122	1054	1060	1066	rBV2	27687	45834	0.90%	0.074%
28	9.251	1075	1082	1090	rBV	839861	1321239	26.01%	2.119%
29	9.404	1105	1108	1110	rBV4	3999	5547	0.11%	0.009%
30	9.428	1110	1112	1116	rVB5	3949	5504	0.11%	0.009%
31	9.516	1123	1127	1131	rBV7	6053	10226	0.20%	0.016%
32	9.569	1134	1136	1141	rVB6	3391	6205	0.12%	0.010%
33	9.669	1146	1153	1154	rBV6	3420	5418	0.11%	0.009%
34	9.786	1166	1173	1187	rBV	1316550	2138628	42.10%	3.430%
35	10.151	1227	1235	1240	rBV	1449723	2432954	47.89%	3.902%
36	10.198	1240	1243	1251	rVB	332069	493103	9.71%	0.791%

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37	10.298	1253	1260	1281	rBV	1071667	1886729	37.14%	3.026%
38	10.733	1328	1334	1335	rBV5	8039	13125	0.26%	0.021%
39	10.804	1339	1346	1353	rBV	19002	39502	0.78%	0.063%
40	10.910	1357	1364	1371	rBV	91039	162554	3.20%	0.261%
41	10.980	1373	1376	1382	rVB7	9548	15014	0.30%	0.024%
42	11.469	1455	1459	1464	rBV4	9299	16036	0.32%	0.026%
43	11.751	1502	1507	1513	rVB	22935	38284	0.75%	0.061%
44	11.827	1513	1520	1525	rBV	33371	56456	1.11%	0.091%
45	11.939	1533	1539	1540	rBV6	5210	7080	0.14%	0.011%
46	12.051	1552	1558	1564	rVB	53205	83586	1.65%	0.134%
47	12.404	1613	1618	1620	rBV6	4485	7692	0.15%	0.012%
48	12.651	1657	1660	1665	rVB5	4469	7273	0.14%	0.012%
49	12.874	1692	1698	1702	rBV4	11416	20695	0.41%	0.033%
50	13.010	1717	1721	1727	rBV9	2905	6162	0.12%	0.010%
51	13.380	1776	1784	1788	rBV3	22228	40608	0.80%	0.065%
52	13.474	1793	1800	1809	rBV	2097887	2881640	56.72%	4.621%
53	13.604	1817	1822	1827	rVB8	7379	11540	0.23%	0.019%
54	13.739	1836	1845	1855	rBV	2308047	3521230	69.31%	5.647%
55	13.827	1858	1860	1864	rVB4	4700	6392	0.13%	0.010%
56	14.051	1890	1898	1904	rBV	2090668	3168309	62.37%	5.081%
57	14.121	1904	1910	1926	rVB2	94642	268053	5.28%	0.430%
58	14.292	1933	1939	1953	rBV	242573	402919	7.93%	0.646%
59	14.451	1958	1966	1972	rVV2	47058	103551	2.04%	0.166%
60	14.510	1973	1976	1982	rVV7	11894	23873	0.47%	0.038%
61	14.586	1986	1989	1992	rBV5	4463	5705	0.11%	0.009%
62	14.827	2025	2030	2035	rBV7	4374	6977	0.14%	0.011%
63	14.880	2035	2039	2042	rBV4	8374	12910	0.25%	0.021%
64	14.945	2047	2050	2053	rVB5	4506	6115	0.12%	0.010%
65	15.051	2062	2068	2075	rBV	2958300	4215049	82.97%	6.760%
66	15.110	2075	2078	2083	rVB	46704	65951	1.30%	0.106%
67	15.192	2085	2092	2102	rBV	1026476	1370732	26.98%	2.198%
68	15.298	2107	2110	2116	rVB5	18394	25427	0.50%	0.041%
69	15.451	2134	2136	2141	rVB5	5626	6901	0.14%	0.011%
70	15.568	2155	2156	2161	rVB5	4879	5550	0.11%	0.009%
71	15.615	2161	2164	2166	rBV4	4239	6122	0.12%	0.010%
72	15.751	2185	2187	2190	rBV4	5857	7558	0.15%	0.012%
73	15.980	2223	2226	2229	rVB5	6144	7634	0.15%	0.012%
74	16.174	2256	2259	2263	rBV6	5077	6781	0.13%	0.011%
75	16.257	2269	2273	2278	rBV8	8018	15311	0.30%	0.025%
76	16.392	2293	2296	2300	rBV6	4898	7831	0.15%	0.013%

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77	16.557	2322	2324	2326	rBV4	5652	6174	0.12%	0.010%
78	16.604	2326	2332	2336	rBV7	13843	27465	0.54%	0.044%
79	16.692	2345	2347	2351	rVB5	5422	6152	0.12%	0.010%
80	16.809	2358	2367	2372	rBV	2751786	3781286	74.43%	6.064%
81	16.851	2372	2374	2378	rVV	56269	66083	1.30%	0.106%
82	16.909	2378	2384	2394	rVB	3049690	4408271	86.77%	7.070%
83	17.127	2418	2421	2428	rVB6	7513	15031	0.30%	0.024%
84	17.198	2430	2433	2434	rBV3	7464	8971	0.18%	0.014%
85	17.309	2449	2452	2453	rBV3	5999	6444	0.13%	0.010%
86	17.745	2521	2526	2534	rBV	391964	578664	11.39%	0.928%
87	18.045	2573	2577	2580	rBV5	22683	35904	0.71%	0.058%
88	18.780	2698	2702	2709	rVB4	47054	63990	1.26%	0.103%
89	18.851	2711	2714	2718	rBV	43207	62058	1.22%	0.100%
90	19.045	2743	2747	2754	rBV	215530	304817	6.00%	0.489%
91	19.221	2771	2777	2784	rBV	3742343	5001880	98.46%	8.022%
92	20.786	3039	3043	3050	rBV	377293	508334	10.01%	0.815%
93	21.044	3081	3087	3093	rBV	2904210	3934067	77.44%	6.309%
94	23.568	3508	3516	3525	rVB	2344593	5080265	100.00%	8.147%
95	23.750	3540	3547	3555	rBV	1804697	4002955	78.79%	6.420%

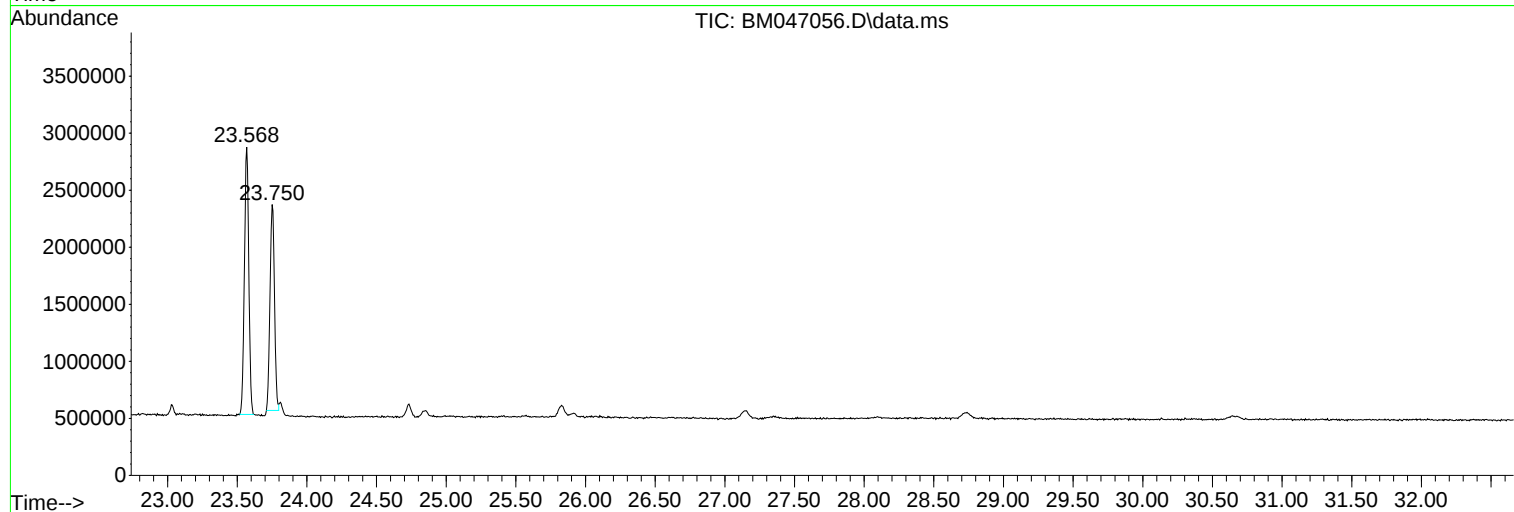
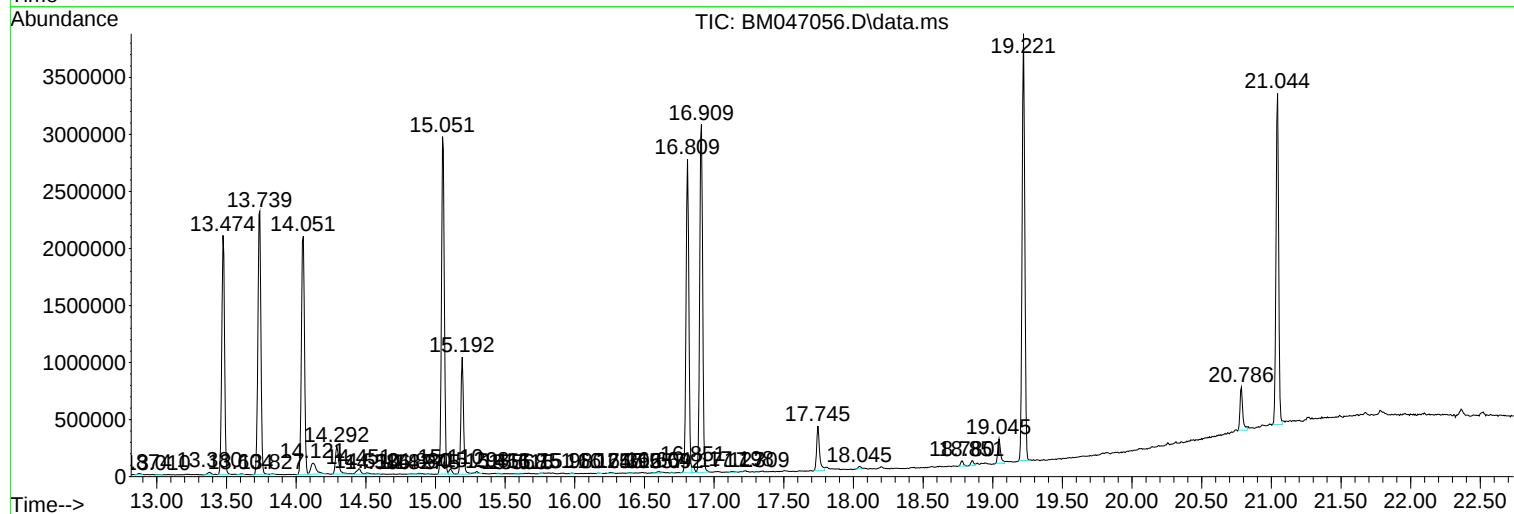
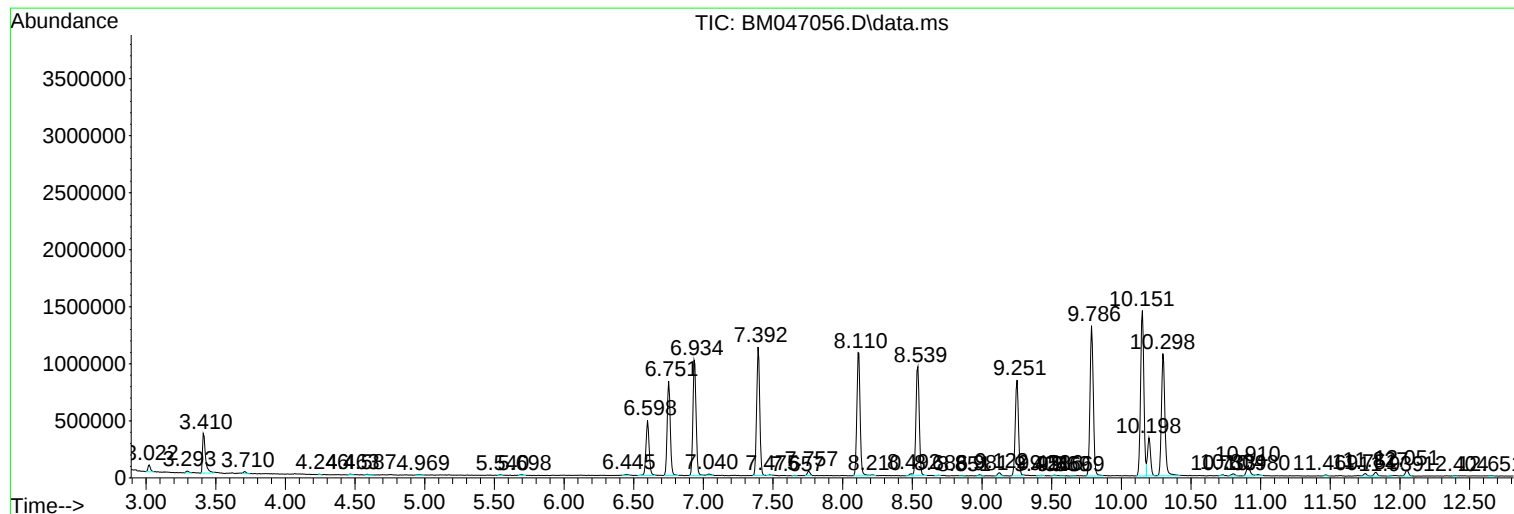
Sum of corrected areas: 62355546

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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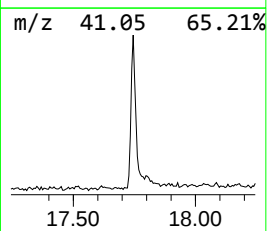
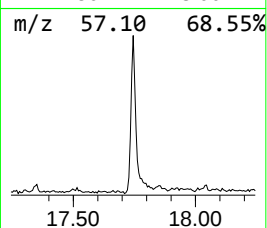
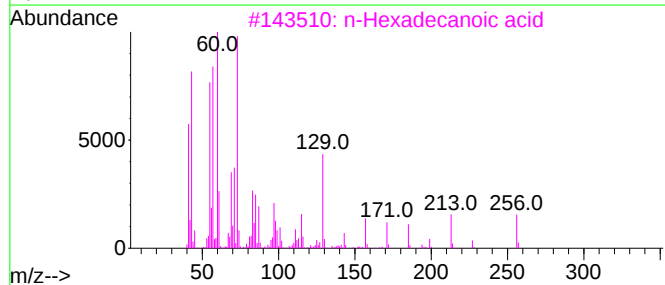
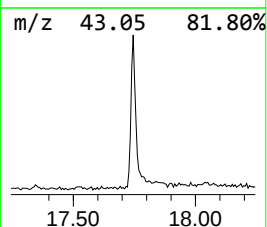
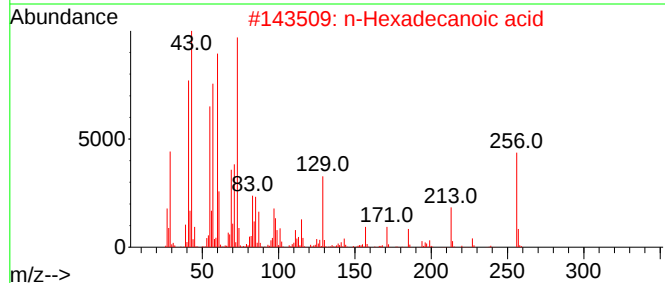
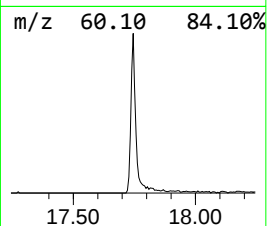
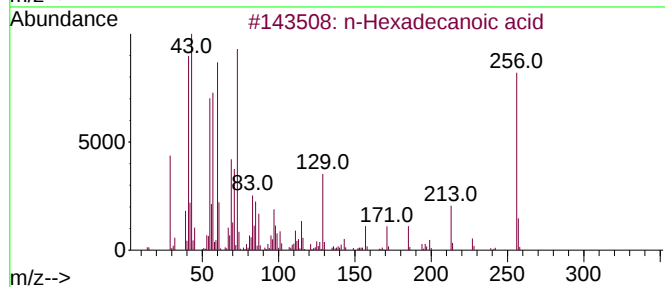
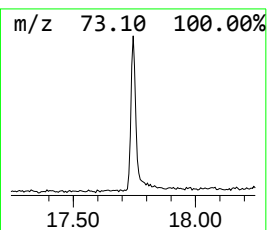
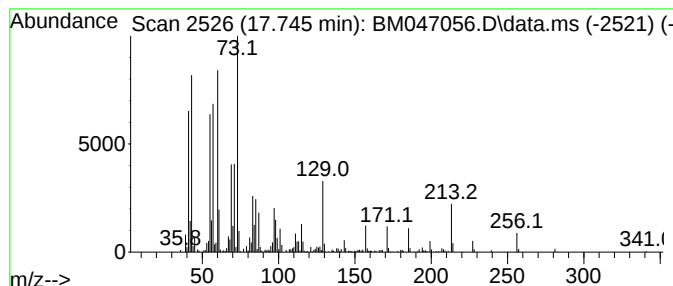
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.745	3.06 ng/ul	578664	Phenanthrene-d10	16.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93



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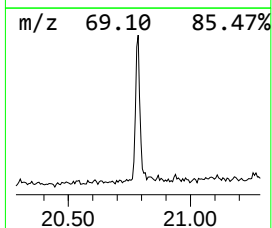
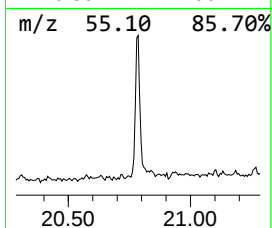
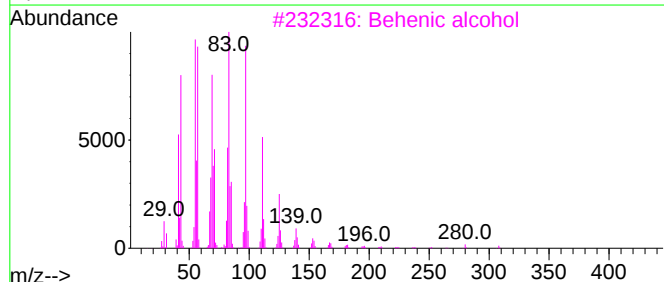
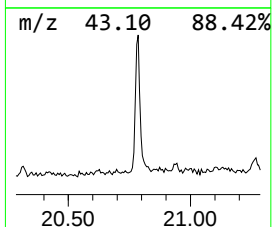
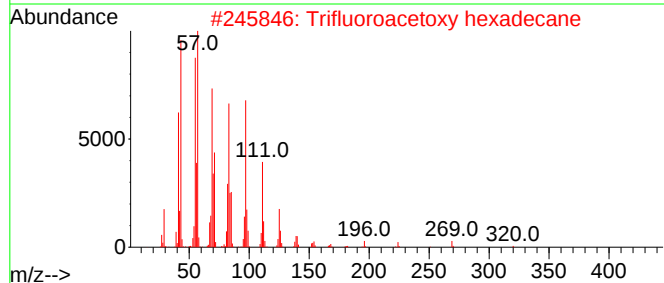
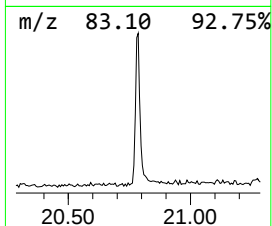
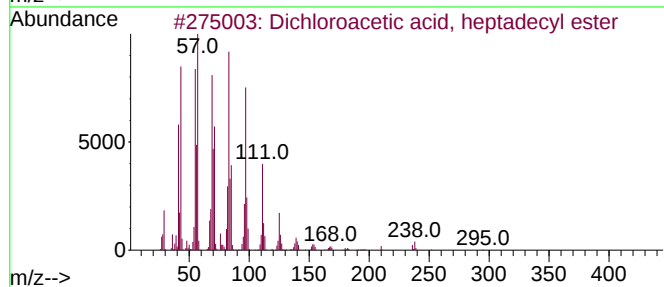
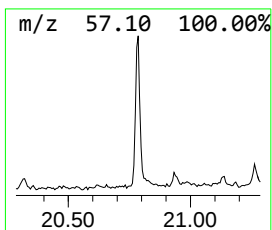
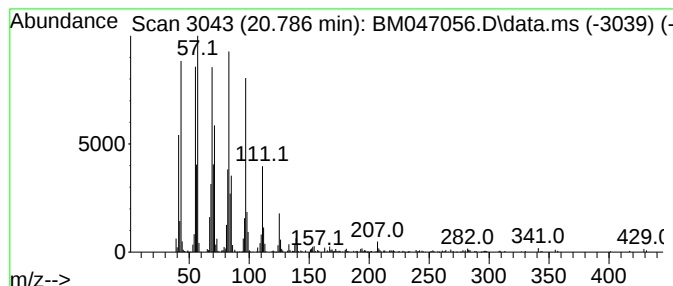
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dichloroacetic acid, heptad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.786	2.58 ng/ul	508334	Chrysene-d12	21.044

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3			Behenic alcohol	326	C22H46O	000661-19-8	94
4			1-Heneicosanol	312	C21H44O	015594-90-8	94
5			Pentacos-1-ene	350	C25H50	016980-85-1	91



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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.745	3.1	ng/ul	578664	4	16.810	3781290	20.0
Dichloroacetic ...	20.786	2.6	ng/ul	508334	5	21.044	3934070	20.0