

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN032018\
 Data File : BN000496.D
 Acq On : 20 Mar 2018 17:19
 Operator : JU/SJ
 Sample : J1967-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEED1

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_N\METHODS\SOM-EPA-BN031918.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	3.590	21	26	34	rVB	66491	92039	2.07%	0.162%
2	3.908	76	80	84	rBV3	6967	8494	0.19%	0.015%
3	4.420	163	167	172	rVB	6457	9081	0.20%	0.016%
4	5.408	331	335	340	rVB2	9321	12801	0.29%	0.023%
5	6.343	488	494	497	rBV3	2782	4559	0.10%	0.008%
6	6.419	502	507	517	rVV	62746	94845	2.13%	0.167%
7	6.566	528	532	540	rVB4	7675	17352	0.39%	0.031%
8	7.008	603	607	613	rVB6	3744	5513	0.12%	0.010%
9	7.361	662	667	673	rVB6	3754	7630	0.17%	0.013%
10	7.484	684	688	692	rBV3	7098	9755	0.22%	0.017%
11	7.549	692	699	713	rVB	1077131	1945343	43.69%	3.431%
12	7.719	721	728	737	rBV	1004515	1551707	34.85%	2.736%
13	7.813	740	744	748	rVB3	6226	10130	0.23%	0.018%
14	7.937	757	765	773	rBV	1111720	1810195	40.65%	3.192%
15	8.413	839	846	851	rBV	903366	1495558	33.59%	2.637%
16	8.455	851	853	863	rVB	139951	184445	4.14%	0.325%
17	8.631	880	883	892	rVB4	3319	6580	0.15%	0.012%
18	9.119	955	966	977	rBV	1283337	2162623	48.57%	3.814%
19	9.272	988	992	998	rVB3	3551	6925	0.16%	0.012%
20	9.596	1040	1047	1056	rBV	1073831	1806025	40.56%	3.185%
21	9.672	1056	1060	1067	rVV3	6678	12356	0.28%	0.022%
22	9.737	1067	1071	1078	rVB4	6571	9480	0.21%	0.017%
23	9.955	1101	1108	1113	rVB	28990	41498	0.93%	0.073%
24	10.325	1164	1171	1180	rBV	832458	1397055	31.38%	2.464%
25	10.866	1255	1263	1276	rBV	1270087	2159933	48.51%	3.809%
26	11.254	1321	1329	1337	rBV	1227519	2094012	47.03%	3.693%
27	11.378	1343	1350	1361	rBV	680310	1169809	26.27%	2.063%
28	12.054	1459	1465	1469	rBV4	4409	8226	0.18%	0.015%
29	12.437	1526	1530	1535	rVB2	5303	6774	0.15%	0.012%
30	12.631	1556	1563	1565	rBV5	4892	6743	0.15%	0.012%
31	12.813	1589	1594	1599	rVB	23361	34444	0.77%	0.061%
32	13.390	1686	1692	1704	rVB4	3780	9269	0.21%	0.016%
33	13.625	1728	1732	1737	rBV3	8011	12441	0.28%	0.022%
34	13.825	1762	1766	1772	rBV	16720	22436	0.50%	0.040%

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35	13.901	1774	1779	1782	rBV4	3871	6181	0.14%	0.011%
36	14.225	1828	1834	1843	rBV	216853	293186	6.58%	0.517%
37	14.425	1859	1868	1872	rBV	2031348	2935779	65.93%	5.177%
38	14.466	1872	1875	1881	rVB	496149	658628	14.79%	1.161%
39	14.519	1881	1884	1892	rVB3	7830	12199	0.27%	0.022%
40	14.595	1892	1897	1901	rVB2	6473	8609	0.19%	0.015%
41	14.654	1901	1907	1909	rBV3	7840	15608	0.35%	0.028%
42	14.731	1914	1920	1934	rVB	2507059	3862636	86.75%	6.812%
43	14.890	1942	1947	1953	rVB	83327	107613	2.42%	0.190%
44	14.966	1955	1960	1965	rVB3	5611	8764	0.20%	0.015%
45	15.037	1965	1972	1979	rBV2	1594353	2441896	54.84%	4.306%
46	15.207	1994	2001	2015	rVV	782641	1198749	26.92%	2.114%
47	15.325	2015	2021	2023	rVV5	10806	20093	0.45%	0.035%
48	15.378	2027	2030	2037	rVV3	13047	22399	0.50%	0.040%
49	15.437	2037	2040	2046	rVB4	10611	15452	0.35%	0.027%
50	15.495	2046	2050	2058	rBV2	21764	37030	0.83%	0.065%
51	15.572	2058	2063	2067	rBV2	11670	16502	0.37%	0.029%
52	15.713	2084	2087	2094	rVB6	3877	7225	0.16%	0.013%
53	15.784	2094	2099	2102	rBV	27819	37847	0.85%	0.067%
54	15.831	2102	2107	2112	rVB	120923	153556	3.45%	0.271%
55	15.889	2112	2117	2121	rBV4	7507	13301	0.30%	0.023%
56	15.931	2121	2124	2132	rVB7	6820	13492	0.30%	0.024%
57	16.019	2132	2139	2145	rBV	2954318	4452588	100.00%	7.852%
58	16.125	2151	2157	2167	rBV	683327	972055	21.83%	1.714%
59	16.325	2188	2191	2196	rVB3	10711	14200	0.32%	0.025%
60	16.378	2196	2200	2208	rBV4	12640	22218	0.50%	0.039%
61	16.448	2208	2212	2218	rVV2	14929	19076	0.43%	0.034%
62	16.625	2238	2242	2247	rBV5	13039	27623	0.62%	0.049%
63	16.684	2247	2252	2261	rVB	111151	176277	3.96%	0.311%
64	16.872	2281	2284	2287	rVB3	10216	12836	0.29%	0.023%
65	16.966	2294	2300	2306	rBV2	32070	52161	1.17%	0.092%
66	17.025	2306	2310	2314	rVV5	10998	22433	0.50%	0.040%
67	17.084	2317	2320	2323	rVV2	10146	13643	0.31%	0.024%
68	17.119	2323	2326	2334	rVB3	14728	25075	0.56%	0.044%
69	17.184	2334	2337	2345	rVB5	10425	16562	0.37%	0.029%
70	17.248	2345	2348	2352	rBV4	8597	12266	0.28%	0.022%
71	17.284	2352	2354	2360	rVB6	8022	12283	0.28%	0.022%

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72	17.466	2380	2385	2389	rBV	51378	66879	1.50%	0.118%
73	17.519	2391	2394	2397	rBV3	8579	11791	0.26%	0.021%
74	17.760	2424	2435	2445	rBV	1744544	2508343	56.33%	4.423%
75	17.860	2445	2452	2462	rBV2	2924164	4326269	97.16%	7.629%
76	17.931	2462	2464	2470	rVB5	3532	5326	0.12%	0.009%
77	18.007	2473	2477	2478	rBV4	4426	5580	0.13%	0.010%
78	18.089	2486	2491	2492	rBV3	3738	5664	0.13%	0.010%
79	18.201	2506	2510	2514	rVB2	12026	14519	0.33%	0.026%
80	18.348	2532	2535	2538	rBV2	7957	11235	0.25%	0.020%
81	18.495	2558	2560	2566	rVB5	2943	4697	0.11%	0.008%
82	18.595	2572	2577	2589	rBV	169257	280783	6.31%	0.495%
83	18.678	2589	2591	2598	rVB2	9558	15665	0.35%	0.028%
84	18.919	2629	2632	2635	rVV2	6280	7968	0.18%	0.014%
85	19.360	2703	2707	2710	rVV2	10507	15130	0.34%	0.027%
86	19.442	2718	2721	2726	rBV4	5986	10583	0.24%	0.019%
87	19.501	2728	2731	2736	rVB7	3460	7128	0.16%	0.013%
88	19.648	2751	2756	2760	rBV	43726	60963	1.37%	0.108%
89	19.748	2764	2773	2782	rVB	41923	92013	2.07%	0.162%
90	19.842	2786	2789	2800	rBV	65045	114018	2.56%	0.201%
91	20.001	2812	2816	2822	rVB	28660	42156	0.95%	0.074%
92	20.113	2829	2835	2847	rVB2	3203203	4381203	98.40%	7.726%
93	20.972	2979	2981	2986	rVB3	13436	16493	0.37%	0.029%
94	21.548	3076	3079	3092	rVB3	64942	159816	3.59%	0.282%
95	21.883	3130	3136	3144	rBV	1636289	2296650	51.58%	4.050%
96	22.260	3196	3200	3205	rBV	113835	138031	3.10%	0.243%
97	22.966	3317	3320	3325	rVB3	43330	60997	1.37%	0.108%
98	23.530	3412	3416	3429	rBV2	57682	124566	2.80%	0.220%
99	24.207	3520	3531	3545	rVB2	1799368	3790687	85.13%	6.685%
100	24.360	3550	3557	3568	rVB2	1045684	2166927	48.67%	3.821%

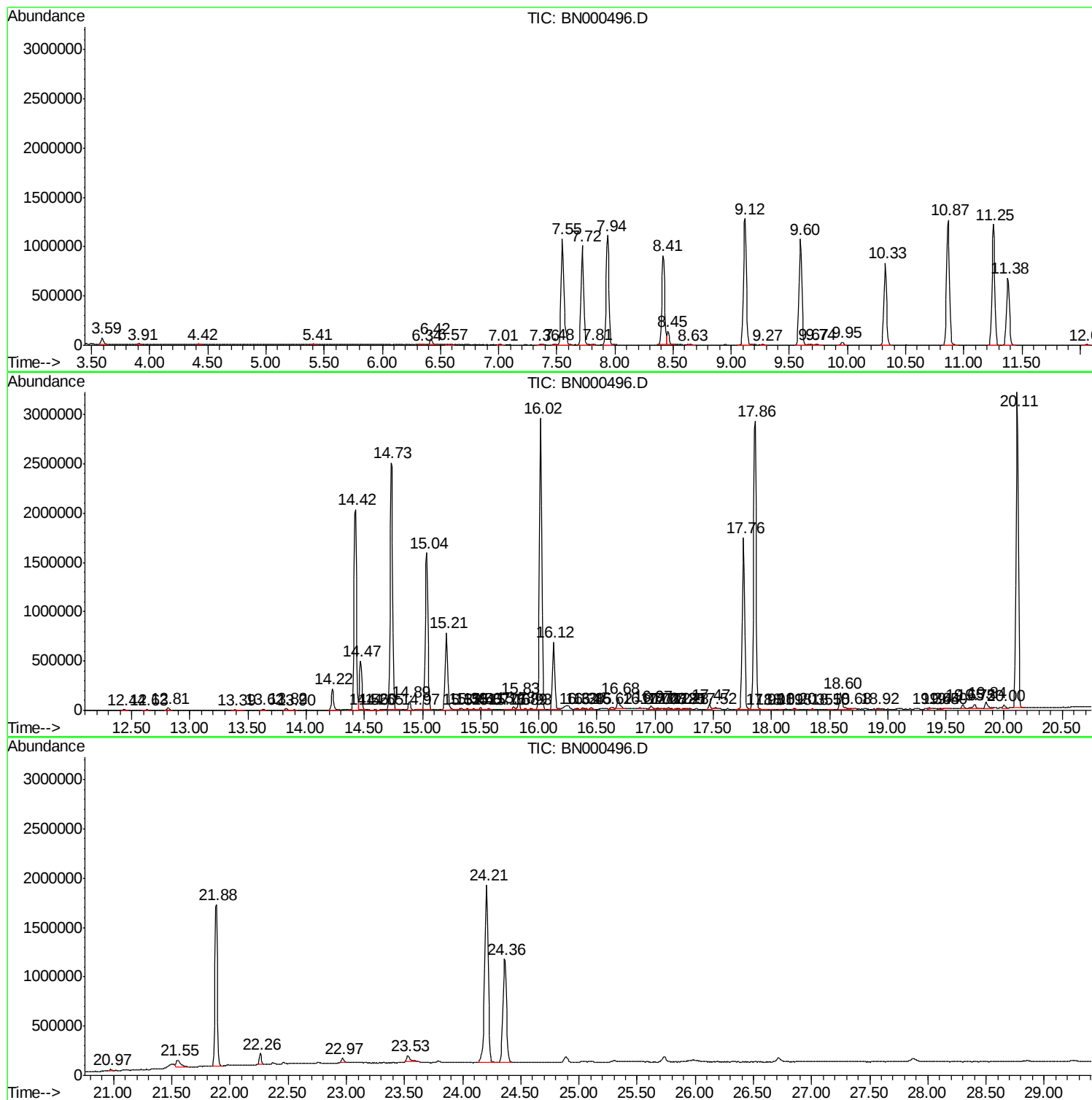
Sum of corrected areas: 56706197

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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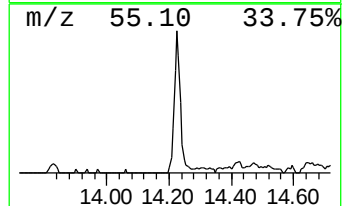
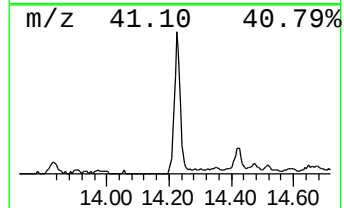
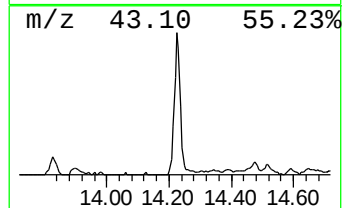
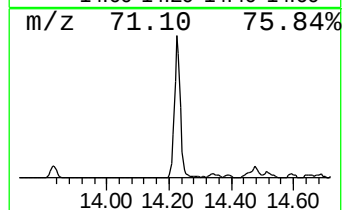
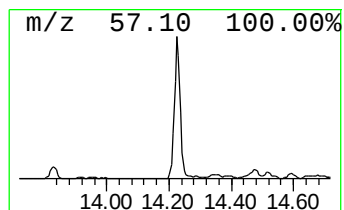
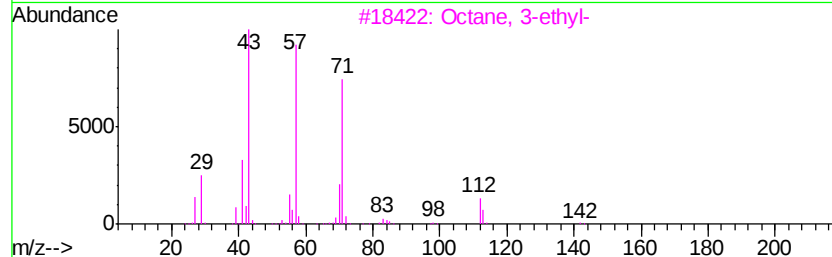
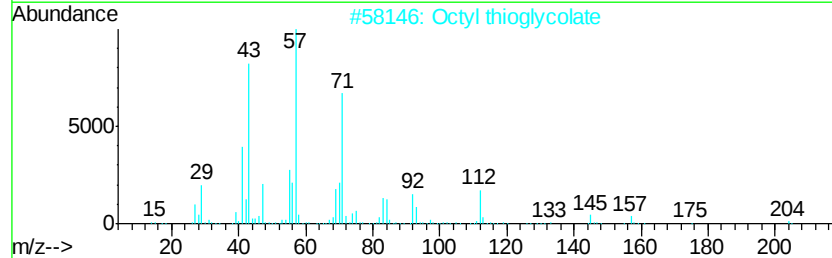
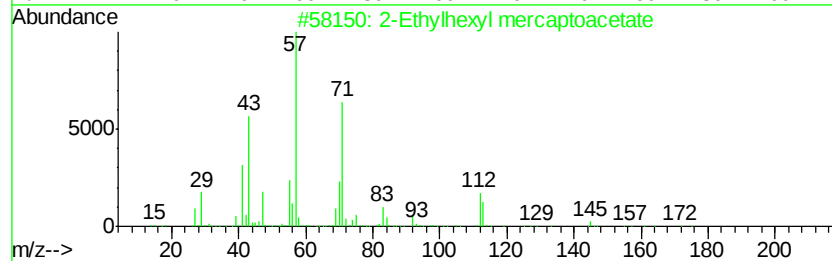
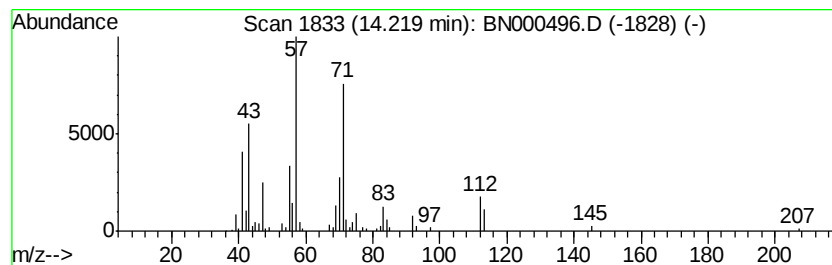
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Ethylhexyl mercaptoacetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	2.40 ng/ul	293186	Acenaphthene-d10	15.04

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	87
2			Octyl thioglycolate	204	C10H20O2S	007664-80-4	72
3			Octane, 3-ethyl-	142	C10H22	005881-17-4	64
4			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	59
5			Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	59



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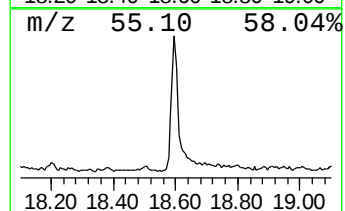
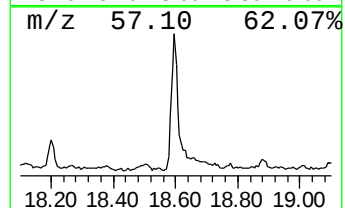
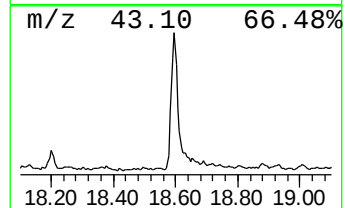
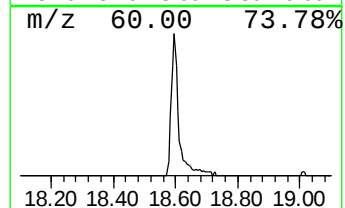
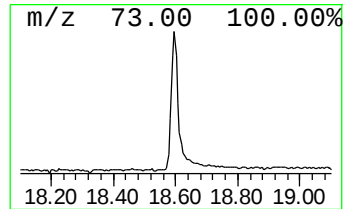
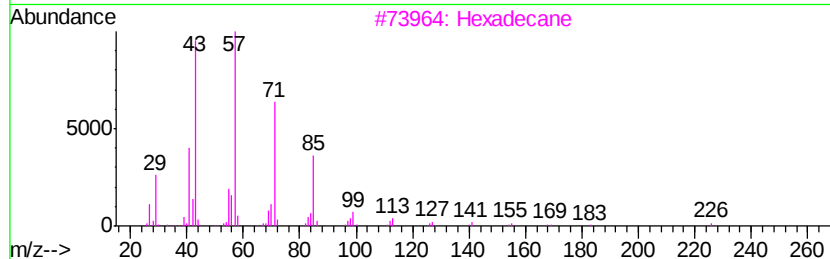
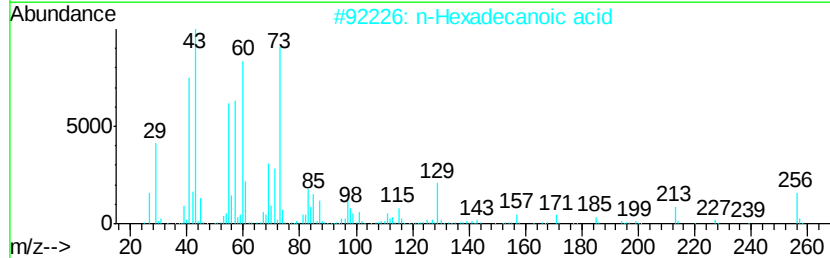
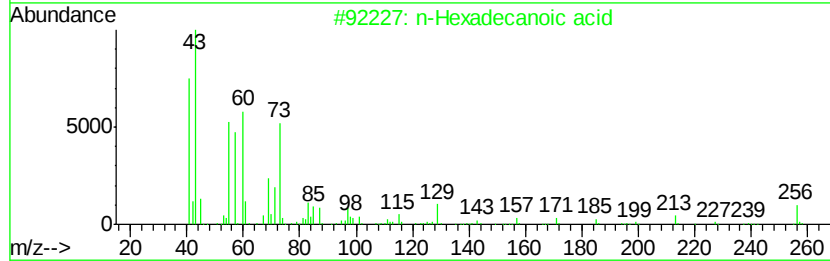
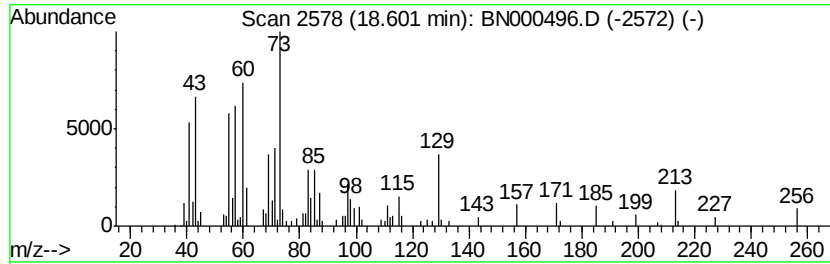
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	2.24 ng/ul	280783	Phenanthrene-d10	17.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3		Hexadecane	226	C16H34	000544-76-3	11
4		Tridecane	184	C13H28	000629-50-5	11
5		Eicosane	282	C20H42	000112-95-8	11



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Ethylhexyl merc...	14.22	2.4	ng/ul	293186	3	15.04	2441900	20.0
n-Hexadecanoic acid	18.60	2.2	ng/ul	280783	4	17.76	2508340	20.0