

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
 Data File : BM047001.D
 Acq On : 05 Aug 2024 21:17
 Operator : RC/JU
 Sample : P3329-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E23

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: BM047001.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.023	19	23	28	rVB	23680	29833	1.49%	0.118%
2	3.164	44	47	51	rBV6	2252	2639	0.13%	0.010%
3	3.234	57	59	63	rVB4	2761	2656	0.13%	0.010%
4	3.287	64	68	76	rBV	27999	46695	2.33%	0.184%
5	3.411	85	89	105	rBV	275116	389914	19.48%	1.541%
6	3.670	132	133	136	rBV3	3768	3301	0.16%	0.013%
7	3.711	136	140	145	rVB	9297	13447	0.67%	0.053%
8	4.175	217	219	222	rVB3	2563	2692	0.13%	0.011%
9	4.275	233	236	238	rVB4	2148	2588	0.13%	0.010%
10	4.546	279	282	285	rBV5	2400	2750	0.14%	0.011%
11	4.569	285	286	288	rVV2	3571	3237	0.16%	0.013%
12	4.611	291	293	295	rVB2	3336	2655	0.13%	0.010%
13	5.422	429	431	435	rVB6	2588	2841	0.14%	0.011%
14	5.546	449	452	456	rVB5	4115	5687	0.28%	0.022%
15	6.458	602	607	614	rBV8	3825	7683	0.38%	0.030%
16	6.599	625	631	639	rBV	357911	561579	28.05%	2.219%
17	6.752	651	657	664	rBV	282228	430510	21.50%	1.701%
18	6.940	682	689	697	rBV	387937	595190	29.73%	2.352%
19	7.152	724	725	731	rVB6	1912	2829	0.14%	0.011%
20	7.399	760	767	775	rVB	592668	907416	45.33%	3.585%
21	7.558	790	794	796	rBV5	2574	2808	0.14%	0.011%
22	7.852	841	844	847	rVB4	1931	2586	0.13%	0.010%
23	8.028	870	874	876	rBV4	2092	2770	0.14%	0.011%
24	8.116	883	889	898	rBV	429714	667956	33.36%	2.639%
25	8.540	955	961	968	rVV	334117	538284	26.89%	2.127%
26	8.775	998	1001	1004	rBV5	2013	2887	0.14%	0.011%
27	8.987	1033	1037	1042	rBV6	3531	6871	0.34%	0.027%
28	9.134	1058	1062	1068	rVB6	9190	14886	0.74%	0.059%
29	9.252	1075	1082	1090	rBV	273704	450477	22.50%	1.780%
30	9.346	1095	1098	1103	rVB4	1723	2737	0.14%	0.011%
31	9.534	1125	1130	1133	rBV7	3411	5554	0.28%	0.022%
32	9.793	1167	1174	1186	rBV	427861	716148	35.77%	2.829%
33	9.975	1203	1205	1209	rBV6	2000	2598	0.13%	0.010%
34	10.157	1228	1236	1243	rBV	705247	1149637	57.42%	4.542%
35	10.304	1254	1261	1274	rBV	407100	680530	33.99%	2.689%
36	10.410	1278	1279	1283	rVB4	2882	2782	0.14%	0.011%

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Integrator: RTE

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37	10.740	1332	1335	1337	rBV3	2779	3742	0.19%	0.015%
38	10.916	1359	1365	1375	rBV2	19839	41018	2.05%	0.162%
39	10.998	1377	1379	1384	rVB6	2654	3173	0.16%	0.013%
40	11.757	1502	1508	1514	rVB6	6942	13364	0.67%	0.053%
41	12.387	1612	1615	1617	rBV4	2556	2833	0.14%	0.011%
42	12.663	1660	1662	1668	rVB6	4854	5581	0.28%	0.022%
43	12.763	1676	1679	1683	rBV3	1617	2703	0.14%	0.011%
44	13.087	1732	1734	1737	rBV3	2296	3079	0.15%	0.012%
45	13.345	1777	1778	1782	rBV3	2529	2608	0.13%	0.010%
46	13.481	1795	1801	1811	rVV	770432	1047525	52.32%	4.139%
47	13.610	1821	1823	1828	rVB5	2774	3118	0.16%	0.012%
48	13.739	1839	1845	1852	rVV	835047	1220331	60.96%	4.822%
49	14.051	1892	1898	1906	rBV	1028620	1545468	77.20%	6.106%
50	14.116	1906	1909	1913	rVB6	4657	6129	0.31%	0.024%
51	14.292	1934	1939	1956	rBV	339243	594023	29.67%	2.347%
52	14.422	1958	1961	1965	rVV5	4188	7370	0.37%	0.029%
53	14.451	1965	1966	1969	rVV3	4342	4301	0.21%	0.017%
54	14.498	1973	1974	1977	rVV3	5287	6293	0.31%	0.025%
55	14.539	1979	1981	1983	rVB3	3855	3034	0.15%	0.012%
56	14.657	1998	2001	2003	rVB3	2953	2808	0.14%	0.011%
57	14.898	2038	2042	2046	rBV5	3302	6212	0.31%	0.025%
58	15.057	2063	2069	2076	rBV	1012063	1445599	72.21%	5.712%
59	15.110	2076	2078	2084	rVB6	7954	9967	0.50%	0.039%
60	15.198	2086	2093	2102	rBV	280839	404994	20.23%	1.600%
61	15.298	2106	2110	2114	rVB6	6463	7576	0.38%	0.030%
62	15.451	2134	2136	2139	rBV4	3378	3849	0.19%	0.015%
63	15.645	2167	2169	2175	rVB6	3745	5165	0.26%	0.020%
64	15.816	2196	2198	2202	rBV5	3424	4422	0.22%	0.017%
65	15.980	2221	2226	2229	rBV6	4296	6452	0.32%	0.025%
66	16.110	2245	2248	2251	rBV5	3127	3440	0.17%	0.014%
67	16.269	2273	2275	2281	rVB5	2920	4226	0.21%	0.017%
68	16.398	2294	2297	2301	rBV6	2618	3454	0.17%	0.014%
69	16.475	2308	2310	2312	rBV3	3095	3378	0.17%	0.013%
70	16.622	2328	2335	2336	rBV8	4603	9123	0.46%	0.036%
71	16.775	2356	2361	2362	rBV4	4391	5250	0.26%	0.021%
72	16.816	2362	2368	2373	rVV	1279905	1706786	85.25%	6.743%
73	16.857	2373	2375	2379	rVV	40855	48080	2.40%	0.190%
74	16.910	2379	2384	2395	rVV	1063263	1514006	75.62%	5.982%
75	16.986	2395	2397	2400	rVV4	3919	3866	0.19%	0.015%
76	17.033	2402	2405	2410	rVB6	12585	16761	0.84%	0.066%

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 Stop Thrs : 0 Peak Location: TOP

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77	17.145	2418	2424	2430	rVV9	3739	8004	0.40%	0.032%
78	17.227	2434	2438	2445	rVV5	4842	9738	0.49%	0.038%
79	17.357	2455	2460	2462	rBV6	4009	5748	0.29%	0.023%
80	17.527	2483	2489	2496	rBV8	10174	19903	0.99%	0.079%
81	17.598	2500	2501	2504	rBV3	2634	3431	0.17%	0.014%
82	17.627	2504	2506	2509	rVB3	4125	4091	0.20%	0.016%
83	17.692	2514	2517	2521	rBV6	3799	6171	0.31%	0.024%
84	17.751	2522	2527	2535	rBV3	122920	182268	9.10%	0.720%
85	17.804	2535	2536	2537	rBV	4602	3228	0.16%	0.013%
86	17.880	2547	2549	2553	rVB5	6049	7168	0.36%	0.028%
87	18.051	2576	2578	2583	rBV5	4135	5565	0.28%	0.022%
88	18.186	2598	2601	2602	rBV3	4810	4908	0.25%	0.019%
89	18.210	2602	2605	2608	rVV4	4603	7454	0.37%	0.029%
90	18.433	2640	2643	2644	rBV3	4230	4597	0.23%	0.018%
91	18.627	2673	2676	2682	rBV8	7352	14952	0.75%	0.059%
92	18.786	2700	2703	2707	rVB3	16273	20315	1.01%	0.080%
93	18.857	2712	2715	2717	rBV	13958	18055	0.90%	0.071%
94	18.886	2717	2720	2727	rVB	53922	77832	3.89%	0.308%
95	19.051	2745	2748	2754	rBV4	47903	73810	3.69%	0.292%
96	19.227	2772	2778	2788	rBV	1326830	1804911	90.16%	7.131%
97	20.786	3040	3043	3050	rBV2	158403	204235	10.20%	0.807%
98	21.051	3082	3088	3093	rBV	1392310	1928555	96.33%	7.620%
99	23.580	3511	3518	3529	rVB	847964	1896479	94.73%	7.493%
100	23.762	3542	3549	3556	rBV	921482	2001994	100.00%	7.910%

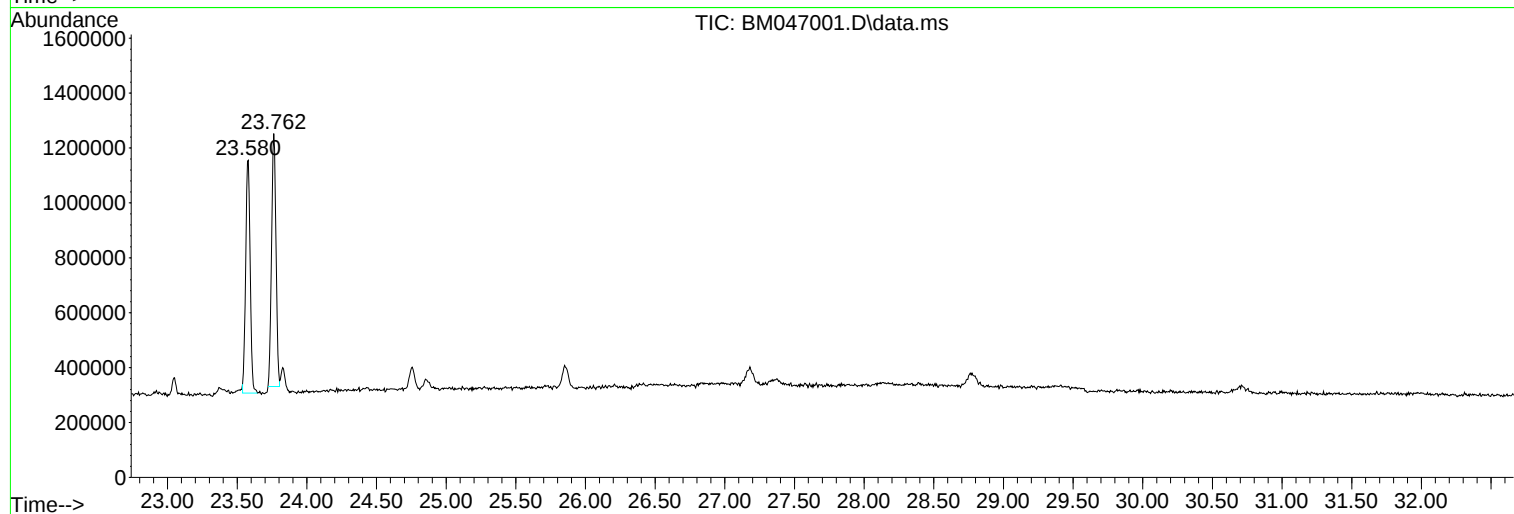
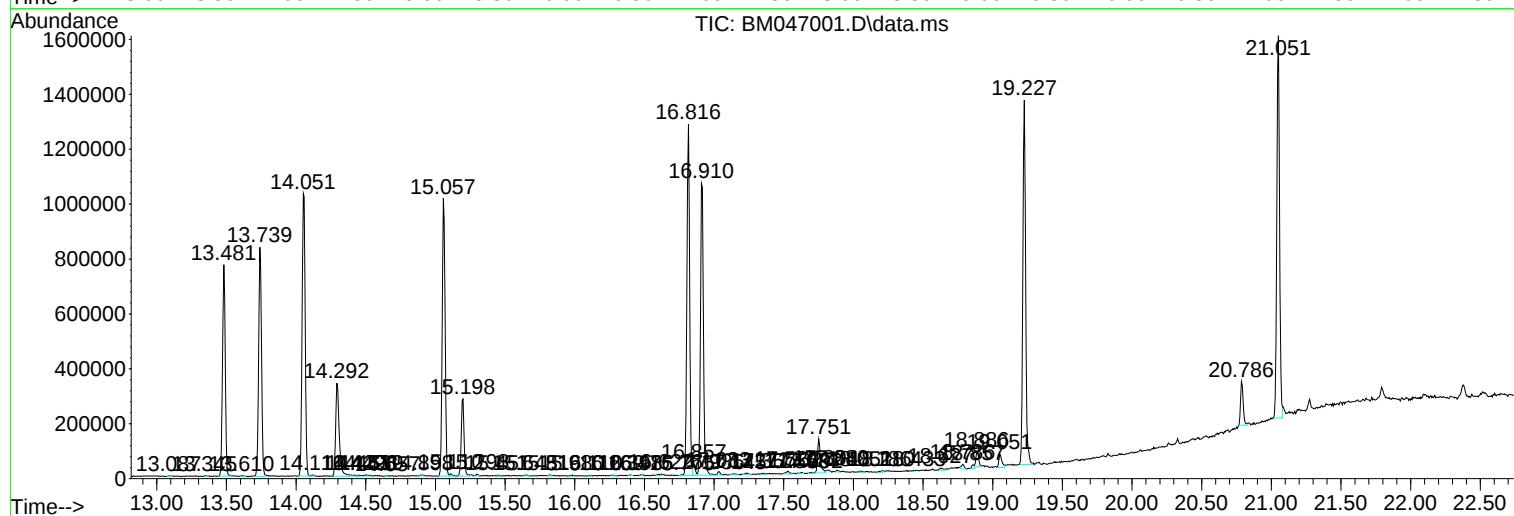
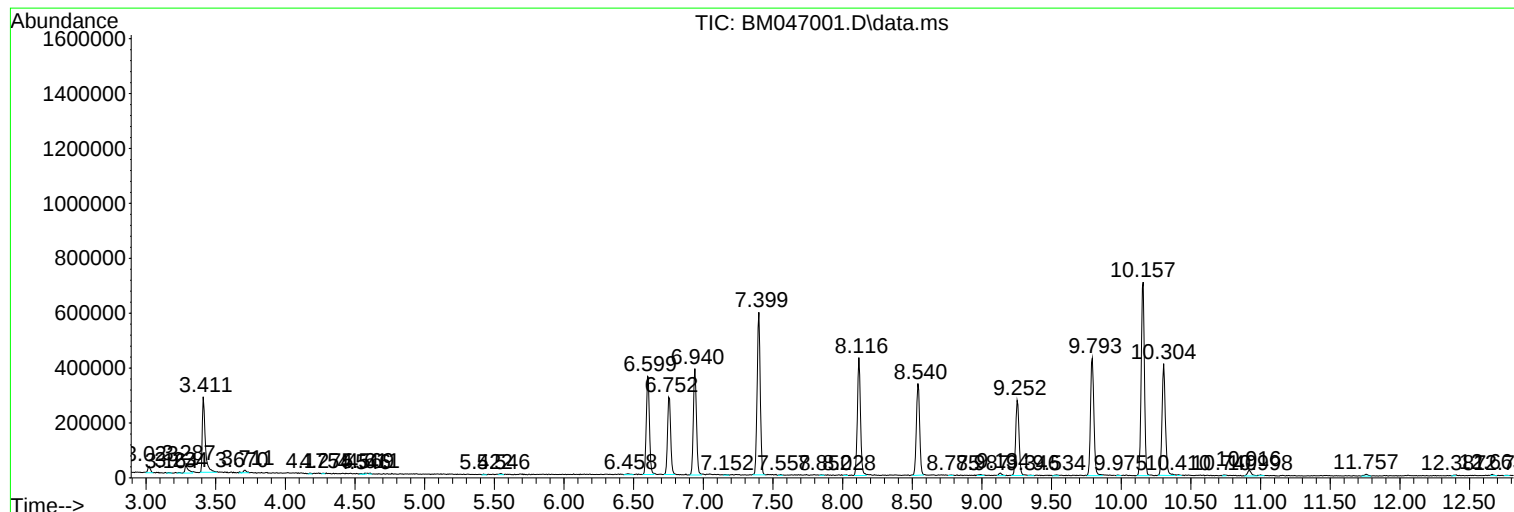
Sum of corrected areas: 25310172

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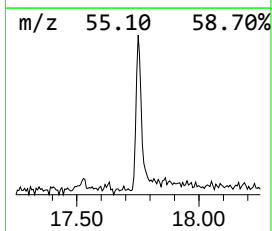
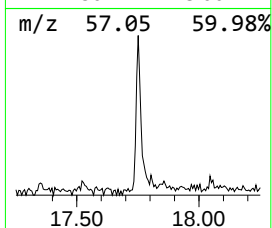
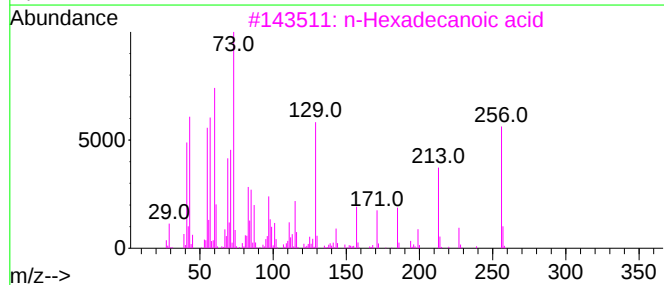
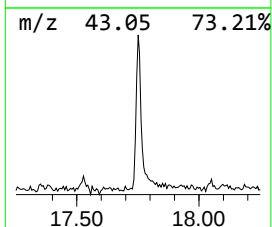
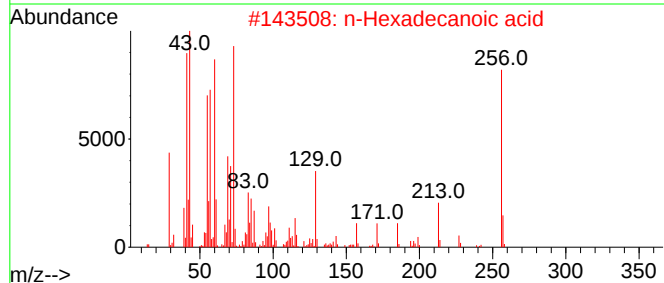
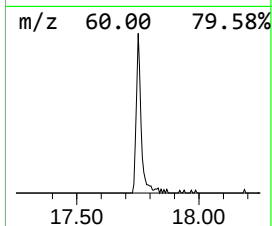
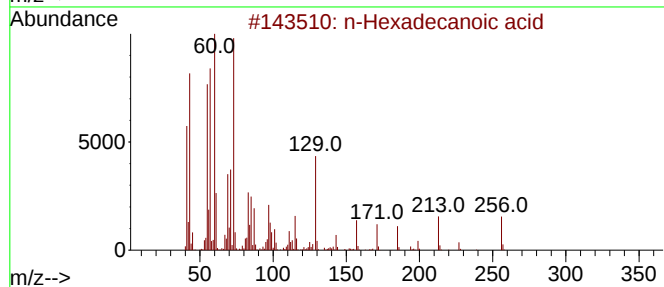
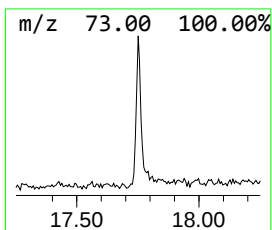
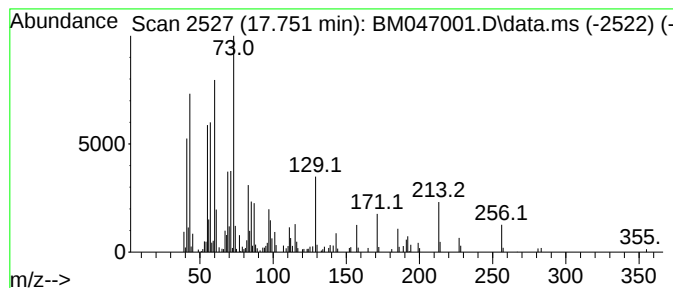
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

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.
17.751	2.14 ng/ul	182268	Phenanthrene-d10	16.816

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	96
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	90



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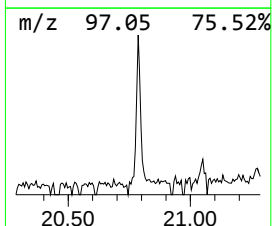
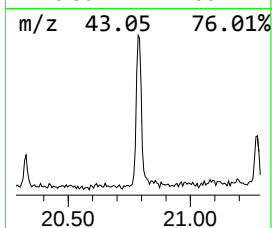
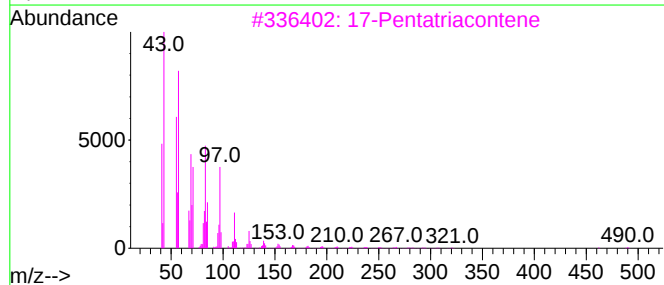
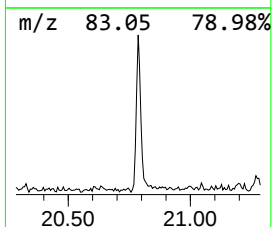
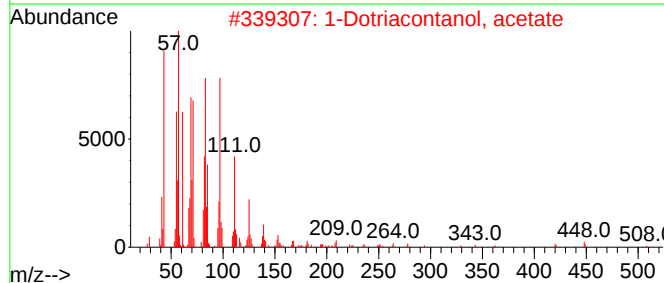
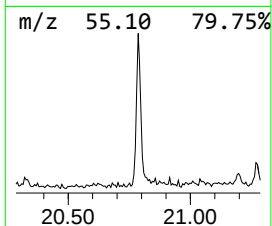
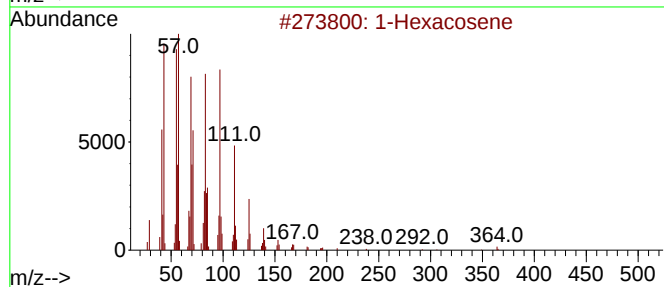
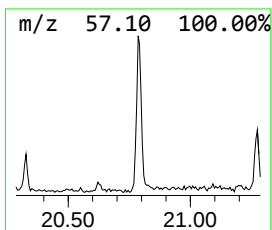
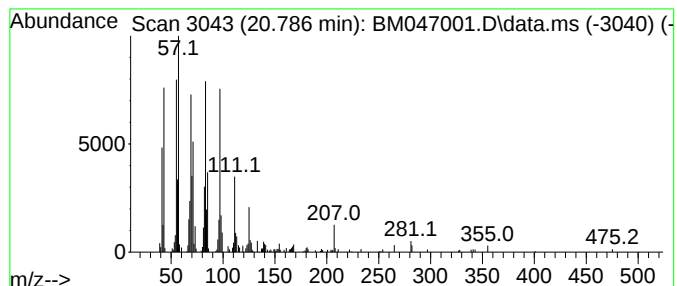
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.786	2.12 ng/ul	204235	Chrysene-d12		21.051	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hexacosene		364	C26H52	018835-33-1	94
2	1-Dotriacontanol, acetate		509	C34H68O2	023811-94-1	91
3	17-Pentatriacontene		491	C35H70	006971-40-0	91
4	17-Pentatriacontene		491	C35H70	006971-40-0	91
5	Behenic alcohol		326	C22H46O	000661-19-8	87



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Quant Title : SVOA CALIBRATION

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 ...	17.751	2.1	ng/ul	182268	4	16.816	1706790	20.0
(DEL) Alkane: S...	20.786	2.1	ng/ul	204235	5	21.051	1928560	20.0