

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
 Data File : BM020448.D
 Acq On : 21 May 2019 03:00
 Operator : JU/SJ
 Sample : K2788-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5188

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.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	6.898	659	665	674	rBV	332859	577521	26.31%	2.617%
2	7.069	689	694	706	rBV	265955	436822	19.90%	1.980%
3	7.257	720	726	735	rBV	399987	637565	29.04%	2.889%
4	7.728	800	806	817	rBV	342185	551850	25.14%	2.501%
5	8.434	920	926	937	rBV	395135	677045	30.84%	3.068%
6	8.898	998	1005	1019	rBV	312949	551005	25.10%	2.497%
7	9.228	1059	1061	1069	rVB3	4728	6956	0.32%	0.032%
8	9.610	1120	1126	1139	rBV	249491	444224	20.24%	2.013%
9	10.145	1210	1217	1232	rBV	394699	727254	33.13%	3.296%
10	10.522	1274	1281	1299	rVB	407749	711757	32.42%	3.226%
11	10.669	1299	1306	1322	rBV	309628	610197	27.80%	2.765%
12	12.127	1549	1554	1559	rBV3	2657	4738	0.22%	0.021%
13	13.792	1831	1837	1841	rBV	732693	993382	45.25%	4.502%
14	13.839	1841	1845	1858	rVB	307102	419086	19.09%	1.899%
15	14.074	1878	1885	1895	rBV	846663	1215592	55.37%	5.509%
16	14.380	1929	1937	1947	rBV2	607962	912262	41.56%	4.134%
17	14.598	1969	1974	1988	rBV	139727	301572	13.74%	1.367%
18	15.216	2076	2079	2085	rVB2	1810	2569	0.12%	0.012%
19	15.374	2100	2106	2116	rBV	1016484	1455870	66.32%	6.598%
20	15.515	2125	2130	2138	rVV	145689	193375	8.81%	0.876%
21	15.615	2142	2147	2155	rVB3	7772	11832	0.54%	0.054%
22	16.074	2222	2225	2231	rVB2	1467	2534	0.12%	0.011%
23	16.163	2237	2240	2244	rVB3	2869	3080	0.14%	0.014%
24	17.133	2399	2405	2416	rBV2	791969	1096570	49.95%	4.969%
25	17.233	2416	2422	2444	rVB	1142623	1595889	72.70%	7.232%
26	18.015	2548	2555	2566	rBV	96182	162134	7.39%	0.735%
27	18.215	2588	2589	2595	rVB4	2144	2711	0.12%	0.012%
28	18.280	2595	2600	2601	rBV3	1783	2667	0.12%	0.012%
29	18.304	2601	2604	2606	rVB2	2107	2573	0.12%	0.012%
30	18.851	2695	2697	2701	rVV4	2992	4191	0.19%	0.019%
31	18.880	2701	2702	2706	rVB4	2672	3349	0.15%	0.015%
32	18.921	2706	2709	2710	rBV2	2565	3010	0.14%	0.014%
33	18.939	2710	2712	2715	rVB2	3003	2757	0.13%	0.012%
34	19.168	2746	2751	2755	rBV	10725	15620	0.71%	0.071%

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35	19.298	2769	2773	2781	rBV2	36469	60459	2.75%	0.274%
36	19.421	2790	2794	2798	rBV	9792	12341	0.56%	0.056%
37	19.533	2807	2813	2823	rBV	1506707	2001595	91.18%	9.071%
38	19.680	2836	2838	2840	rBV3	3377	2677	0.12%	0.012%
39	20.450	2964	2969	2975	rBV2	142660	186905	8.51%	0.847%
40	21.021	3061	3066	3076	rBV	172239	289006	13.16%	1.310%
41	21.327	3113	3118	3126	rBV	978664	1347097	61.36%	6.105%
42	21.456	3137	3140	3143	rBV4	22950	25971	1.18%	0.118%
43	21.886	3211	3213	3216	rBV	37430	42200	1.92%	0.191%
44	22.356	3290	3293	3300	rVB4	68623	85324	3.89%	0.387%
45	22.862	3376	3379	3385	rVB	85840	129378	5.89%	0.586%
46	23.456	3472	3480	3489	rBV	1105681	2195263	100.00%	9.949%
47	23.597	3498	3504	3514	rVB	690800	1348430	61.42%	6.111%

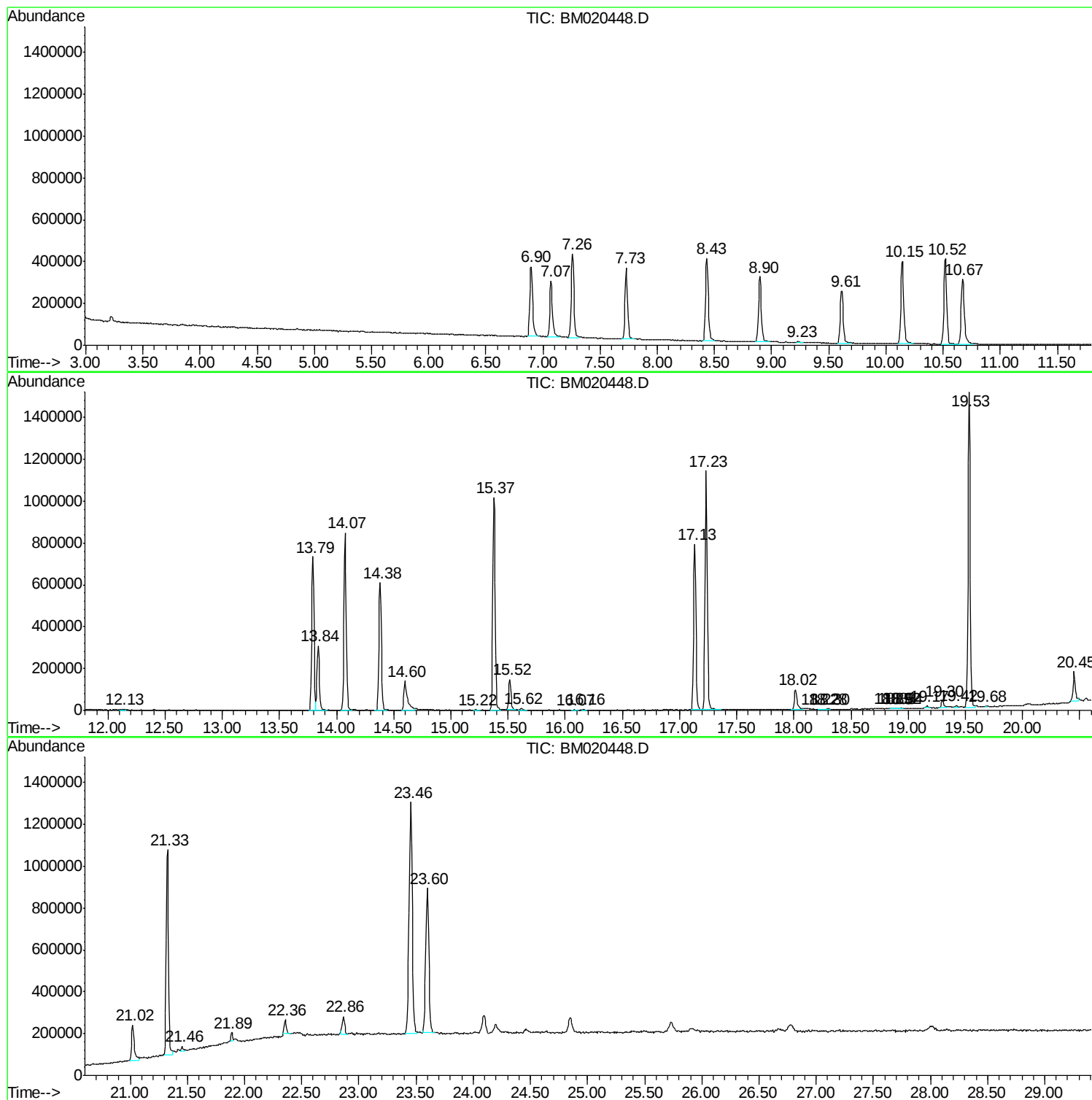
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

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



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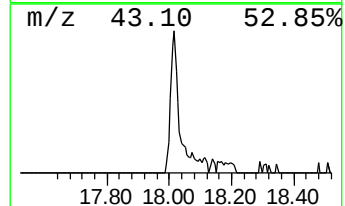
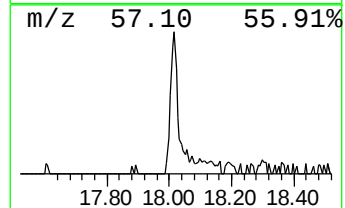
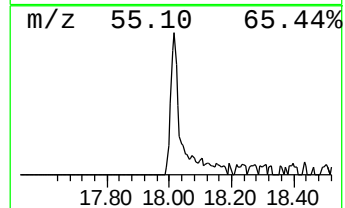
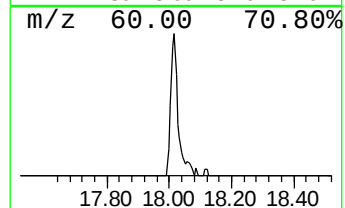
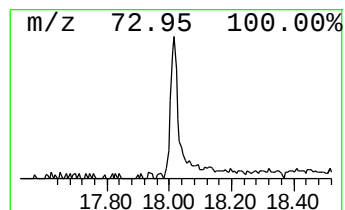
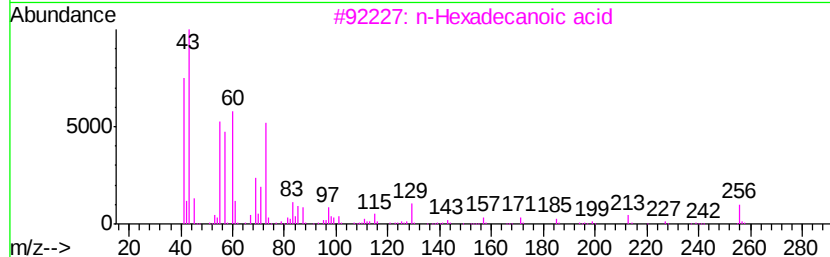
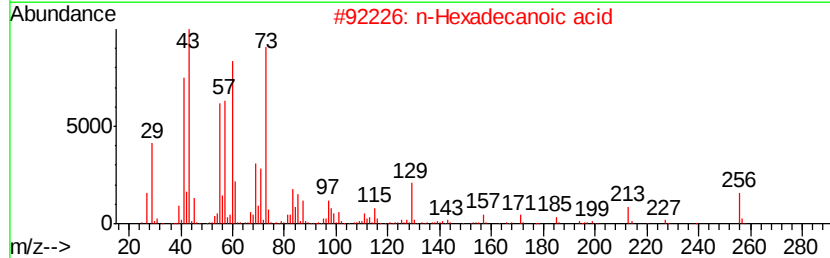
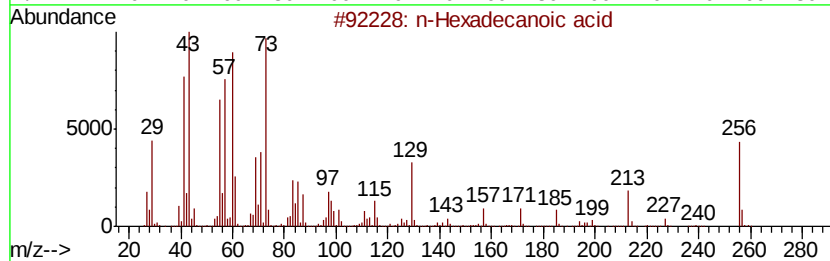
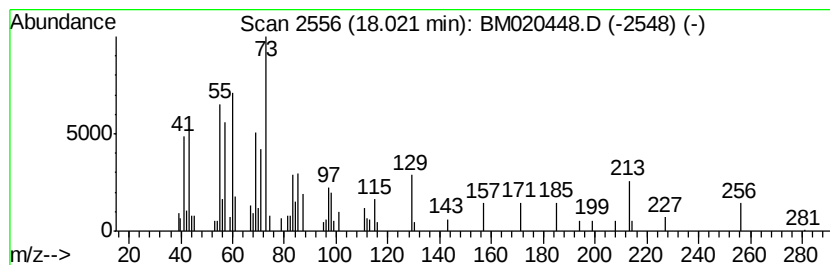
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.96 ng/ul	162134	Phenanthrene-d10	17.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		Dodecanoic acid	200	C12H24O2	000143-07-7	47



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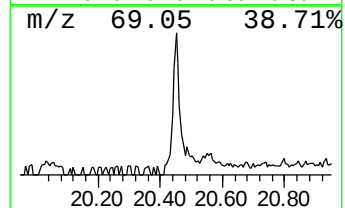
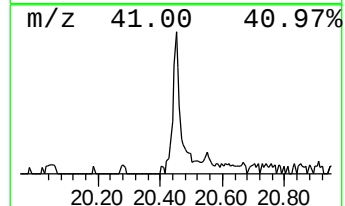
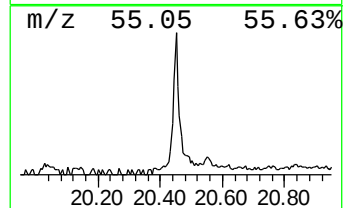
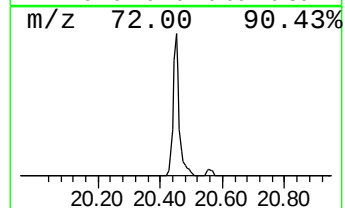
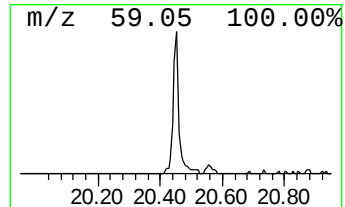
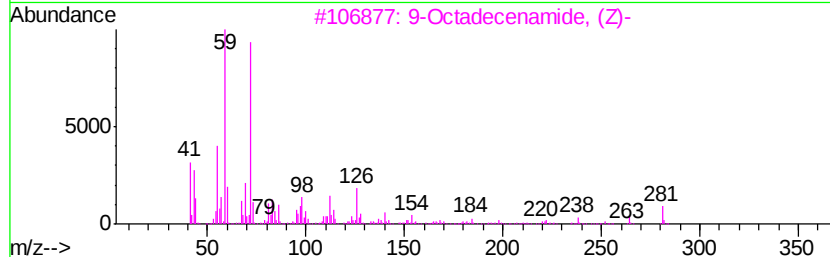
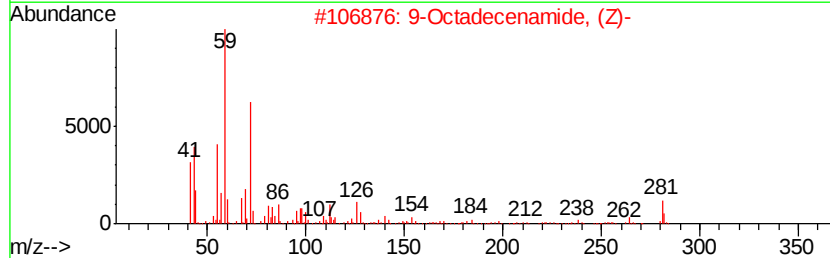
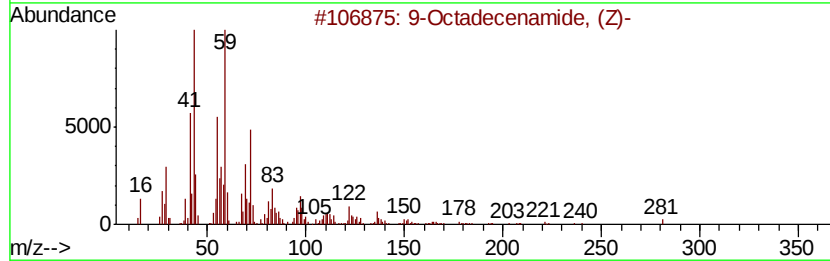
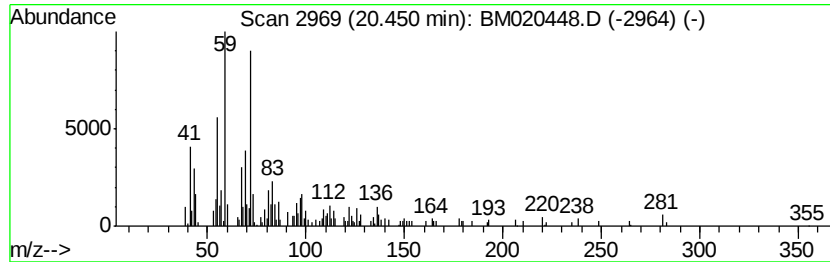
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Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	2.77 ng/ul	186905	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	50
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	43
4		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	43
5		Dodecanamide	199	C12H25NO	001120-16-7	35



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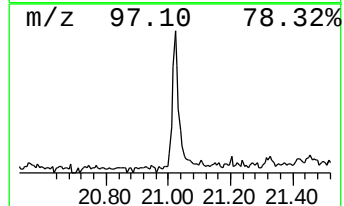
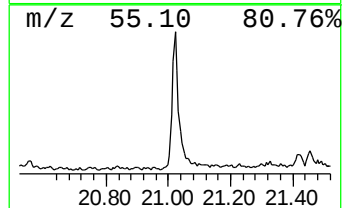
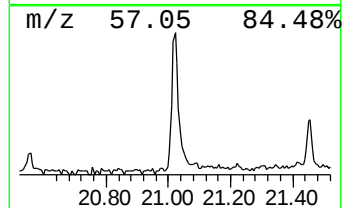
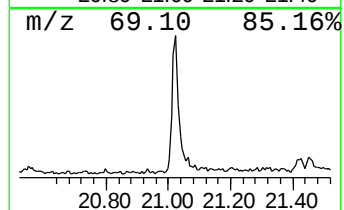
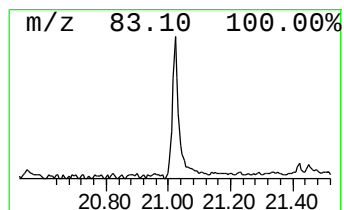
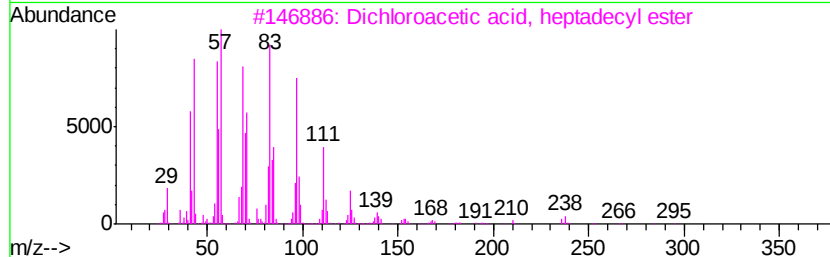
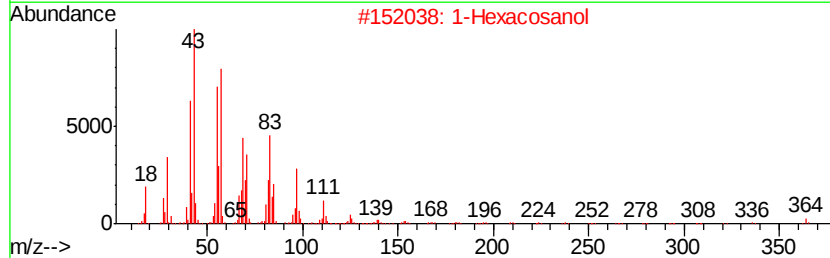
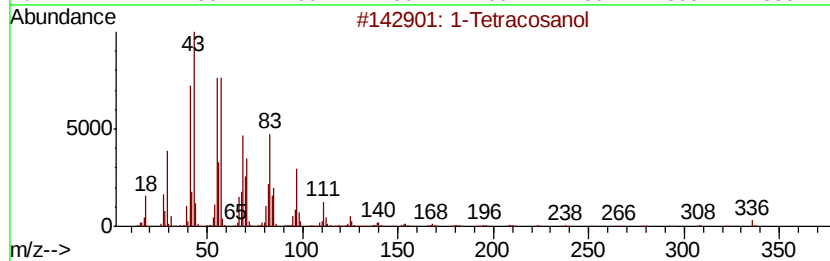
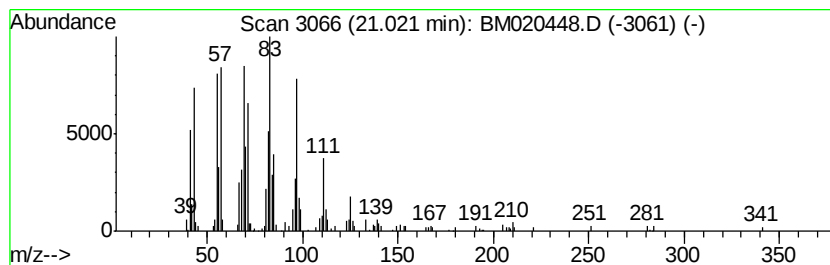
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Peak Number 3 1-Tetracosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	4.29 ng/ul	289006	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Tetracosanol	354	C24H50O	000506-51-4	91
2		1-Hexacosanol	382	C26H54O	000506-52-5	91
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5		1-Eicosanol	298	C20H42O	000629-96-9	89



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.02	3.0	ng/ul	162134	4	17.13	1096570	20.0
9-Octadecenamide,...	20.45	2.8	ng/ul	186905	5	21.33	1347100	20.0
1-Tetracosanol	21.02	4.3	ng/ul	289006	5	21.33	1347100	20.0