

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
 Data File : BM030140.D
 Acq On : 22 May 2021 08:23
 Operator : CG/JU
 Sample : M2474-13
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB410

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\SFAM-EPA-BM050721.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	3.034	22	25	35	rVB	21238	36175	0.65%	0.078%
2	3.652	127	130	141	rVB2	16337	30991	0.56%	0.067%
3	3.852	160	164	170	rVB6	7678	11346	0.20%	0.024%
4	4.252	227	232	242	rBV	80837	127745	2.30%	0.275%
5	4.664	299	302	306	rVB3	4702	6101	0.11%	0.013%
6	6.705	644	649	663	rBV2	117038	296690	5.34%	0.640%
7	6.857	669	675	700	rBV	459535	847740	15.27%	1.828%
8	7.046	701	707	722	rBV	535675	969740	17.47%	2.091%
9	7.505	778	785	796	rBV	444687	744756	13.42%	1.606%
10	8.228	902	908	927	rBV	358024	699837	12.61%	1.509%
11	8.663	976	982	1009	rBV	650090	1212805	21.85%	2.615%
12	8.851	1009	1014	1019	rVV8	6257	12779	0.23%	0.028%
13	9.069	1046	1051	1062	rVB5	7509	16276	0.29%	0.035%
14	9.375	1097	1103	1122	rBV	542517	1025985	18.48%	2.212%
15	9.916	1188	1195	1225	rBV	586901	1393882	25.11%	3.006%
16	10.275	1249	1256	1278	rBV	664543	1137431	20.49%	2.453%
17	11.151	1399	1405	1406	rBV5	4793	7507	0.14%	0.016%
18	11.569	1471	1476	1480	rVB7	3240	6754	0.12%	0.015%
19	11.898	1527	1532	1541	rVB4	9293	19436	0.35%	0.042%
20	12.504	1629	1635	1641	rBV3	12465	22087	0.40%	0.048%
21	12.763	1675	1679	1686	rBV2	16851	25096	0.45%	0.054%
22	13.010	1714	1721	1725	rBV	13914	23142	0.42%	0.050%
23	13.063	1725	1730	1736	rVB2	15855	24384	0.44%	0.053%
24	13.581	1811	1818	1822	rBV	1917791	2580785	46.49%	5.565%
25	13.628	1822	1826	1846	rVB	396439	617482	11.12%	1.331%
26	13.845	1855	1863	1875	rBV	2068772	3006949	54.16%	6.484%
27	14.075	1897	1902	1906	rVB6	4066	6038	0.11%	0.013%
28	14.157	1909	1916	1927	rBV	1131512	1637873	29.50%	3.532%
29	14.433	1954	1963	1970	rBV7	26305	90916	1.64%	0.196%
30	14.616	1991	1994	2000	rVB7	6702	10296	0.19%	0.022%
31	14.975	2051	2055	2057	rBV	17794	23988	0.43%	0.052%
32	14.998	2057	2059	2068	rVB2	22843	35920	0.65%	0.077%
33	15.157	2080	2086	2104	rBV	2842458	3971212	71.53%	8.563%
34	15.298	2104	2110	2123	rVV	983230	1466343	26.41%	3.162%

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35	15.398	2123	2127	2134	rVB	34477	61423	1.11%	0.132%
36	15.539	2146	2151	2156	rBV8	7813	13239	0.24%	0.029%
37	15.728	2177	2183	2187	rBV4	7744	12293	0.22%	0.027%
38	15.857	2198	2205	2208	rBV8	8327	14777	0.27%	0.032%
39	15.892	2208	2211	2214	rVV5	6659	9579	0.17%	0.021%
40	15.951	2217	2221	2229	rVB6	10661	17995	0.32%	0.039%
41	16.069	2236	2241	2245	rBV6	5804	9036	0.16%	0.019%
42	16.351	2283	2289	2293	rBV8	4956	8137	0.15%	0.018%
43	16.404	2294	2298	2304	rVB8	4503	7439	0.13%	0.016%
44	16.592	2325	2330	2333	rVB5	4902	7908	0.14%	0.017%
45	16.692	2343	2347	2356	rVB8	6850	15933	0.29%	0.034%
46	16.845	2370	2373	2377	rBV5	6306	8637	0.16%	0.019%
47	16.904	2377	2383	2394	rBV	1336902	1926943	34.71%	4.155%
48	17.004	2394	2400	2417	rBV	3127609	4453111	80.21%	9.602%
49	17.210	2431	2435	2440	rVB3	13983	21034	0.38%	0.045%
50	17.422	2467	2471	2474	rBV4	5209	6428	0.12%	0.014%
51	17.592	2496	2500	2504	rVB7	7484	11861	0.21%	0.026%
52	17.822	2533	2539	2547	rBV	262132	444128	8.00%	0.958%
53	17.886	2547	2550	2557	rVB	33656	59063	1.06%	0.127%
54	18.110	2584	2588	2594	rBV4	9850	14057	0.25%	0.030%
55	18.574	2664	2667	2669	rBV4	5465	6268	0.11%	0.014%
56	18.751	2693	2697	2702	rBV2	18482	23343	0.42%	0.050%
57	18.868	2715	2717	2722	rBV6	5045	6767	0.12%	0.015%
58	18.945	2726	2730	2735	rBV	34619	54289	0.98%	0.117%
59	19.110	2753	2758	2769	rBV2	90590	170500	3.07%	0.368%
60	19.198	2769	2773	2779	rVB	34333	55258	1.00%	0.119%
61	19.304	2785	2791	2800	rBV	4083812	5511259	99.28%	11.884%
62	19.845	2879	2883	2885	rBV4	14457	21616	0.39%	0.047%
63	20.827	3045	3050	3068	rBV	513564	857771	15.45%	1.850%
64	21.098	3091	3096	3108	rBV	1597693	2263859	40.78%	4.882%
65	22.598	3348	3351	3356	rVB2	103766	139035	2.50%	0.300%
66	23.104	3431	3437	3452	rBV2	3024979	5551483	100.00%	11.971%
67	23.239	3454	3460	3473	rVB2	1150937	2175724	39.19%	4.692%
68	23.739	3541	3545	3551	rVB2	148622	268254	4.83%	0.578%

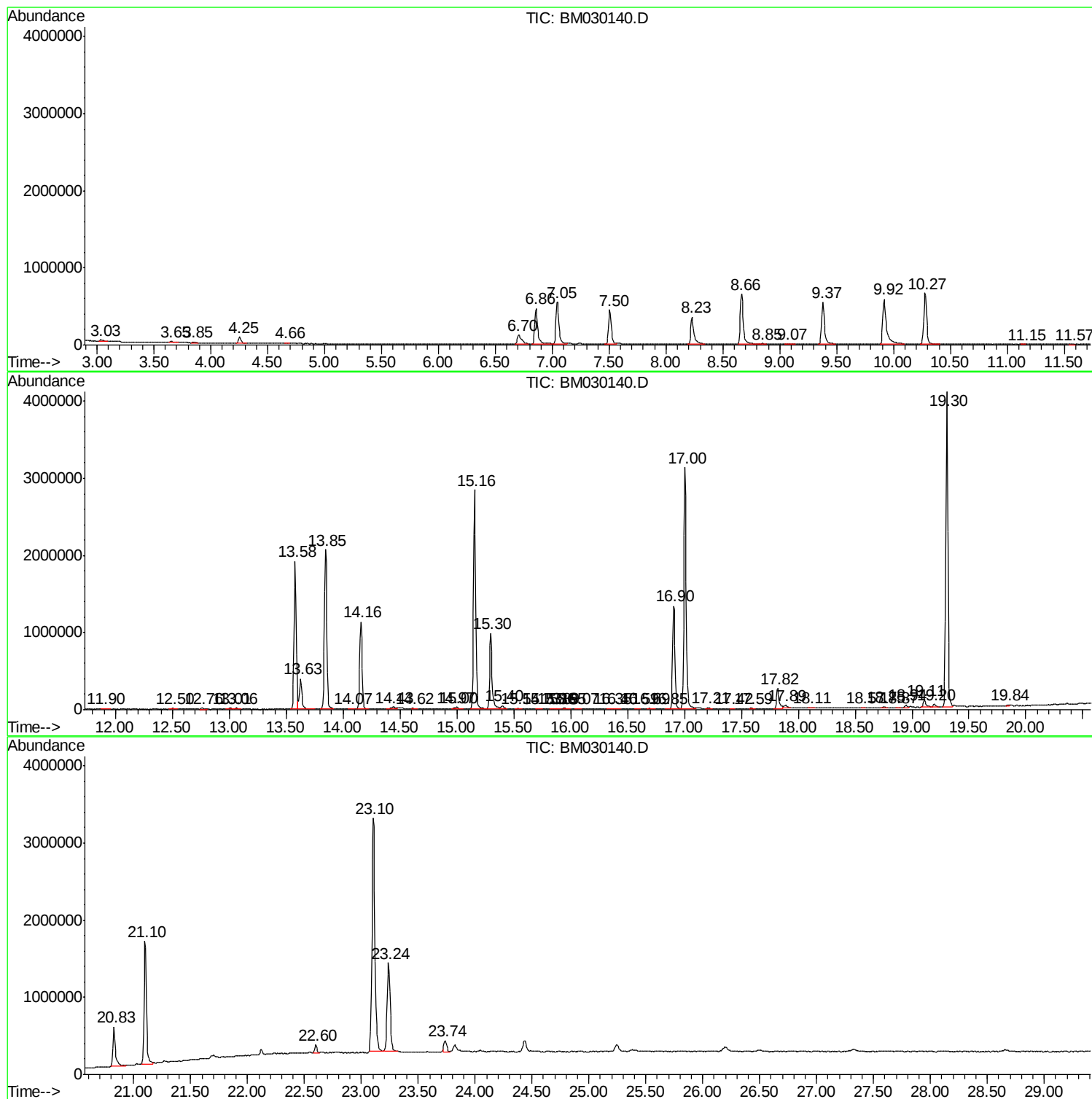
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Quant Title : SVOA CALIBRATION

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



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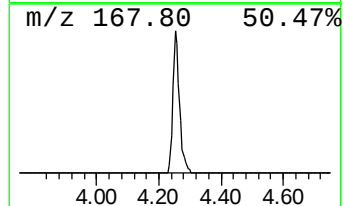
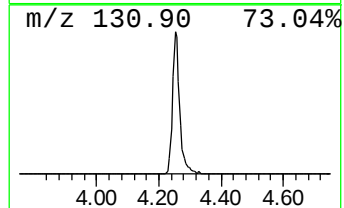
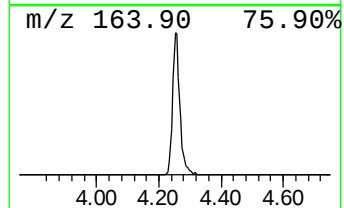
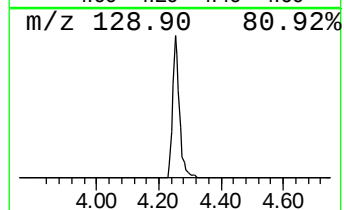
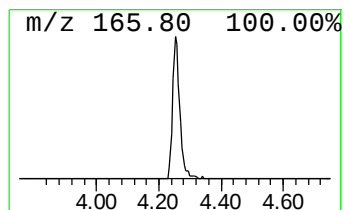
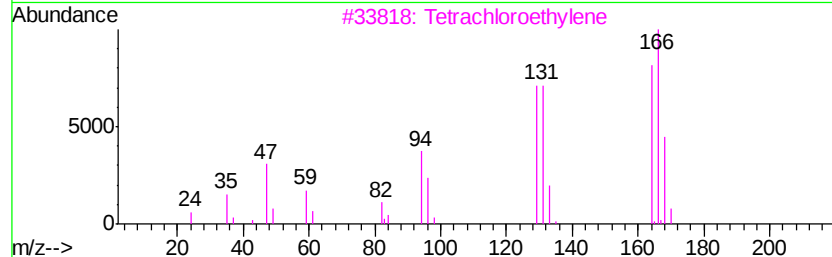
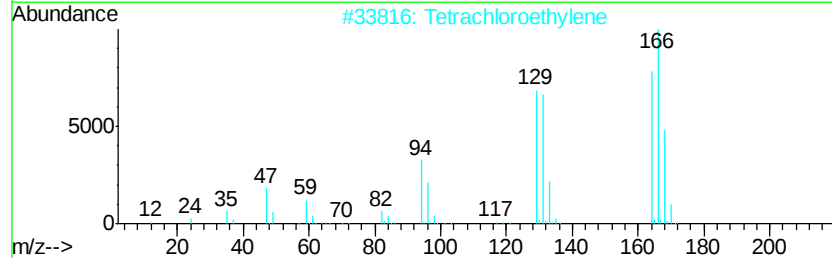
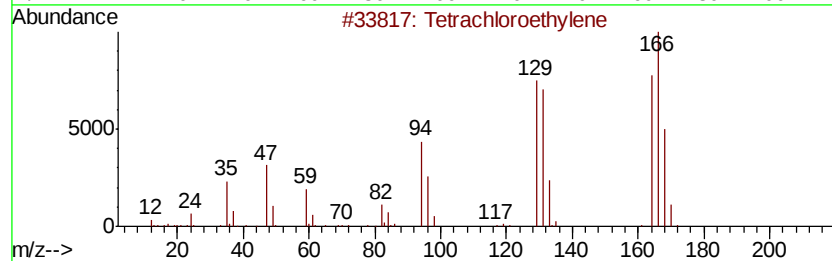
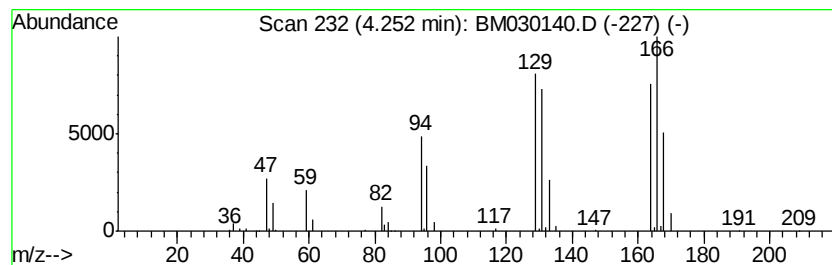
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tetrachloroethylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	3.43 ng/ul	127745	1,4-Dichlorobenzene-d4	7.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2		Tetrachloroethylene	164	C2Cl4	000127-18-4	97
3		Tetrachloroethylene	164	C2Cl4	000127-18-4	96
4		Tetrachloroethylene	164	C2Cl4	000127-18-4	96
5		Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	16



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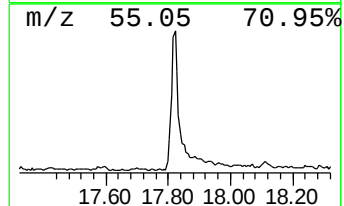
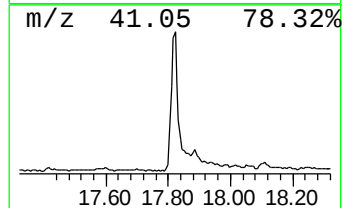
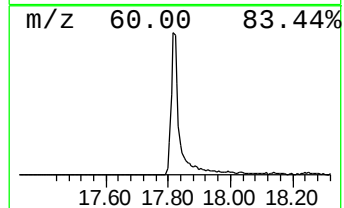
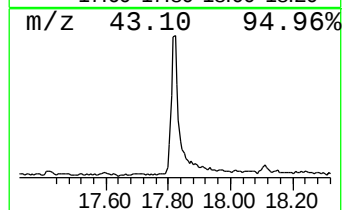
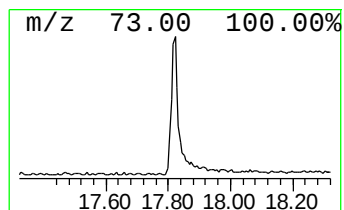
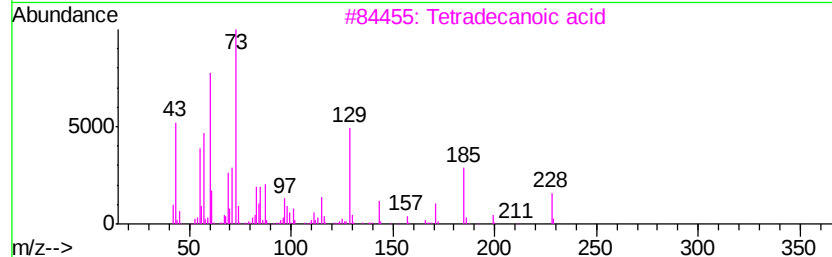
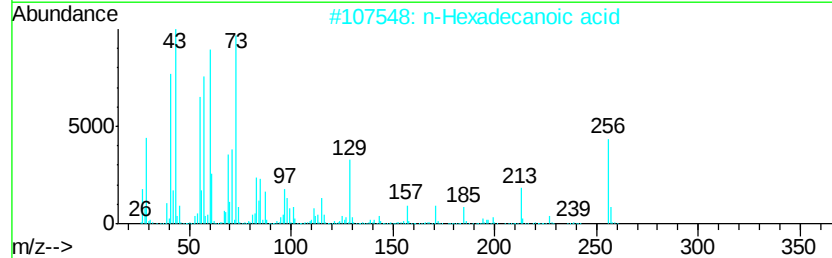
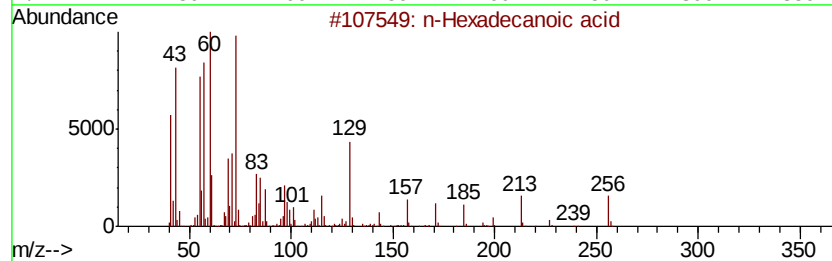
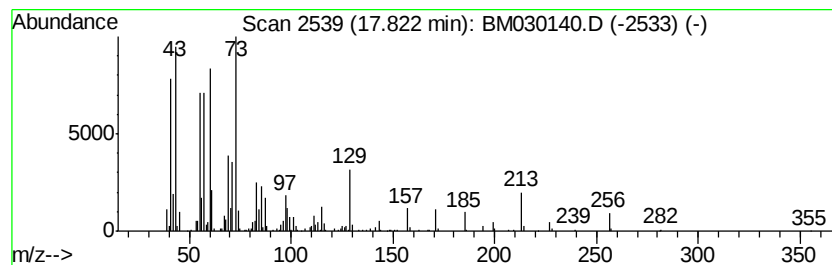
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.82	4.61 ng/ul	444128	Phenanthrene-d10	16.90		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81	



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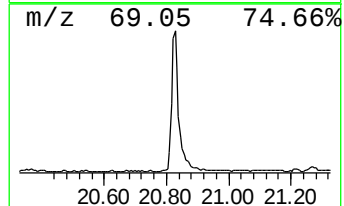
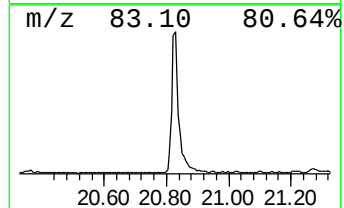
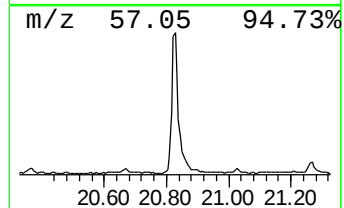
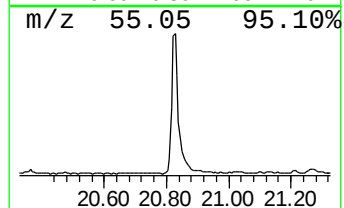
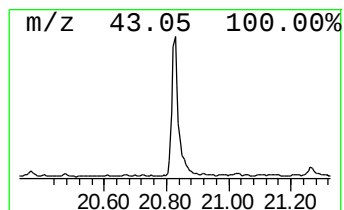
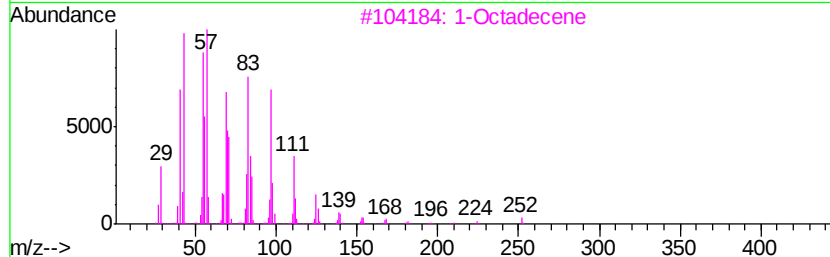
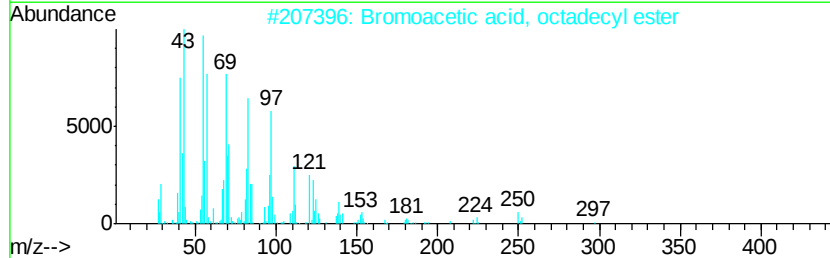
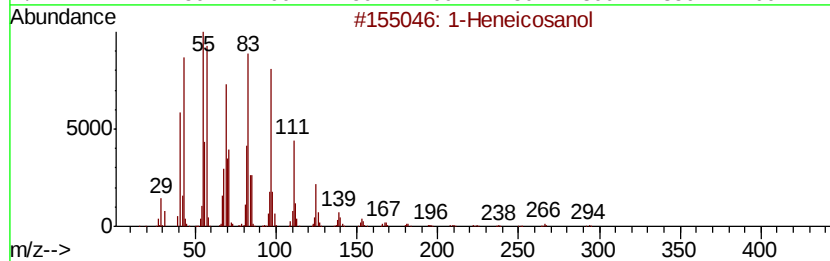
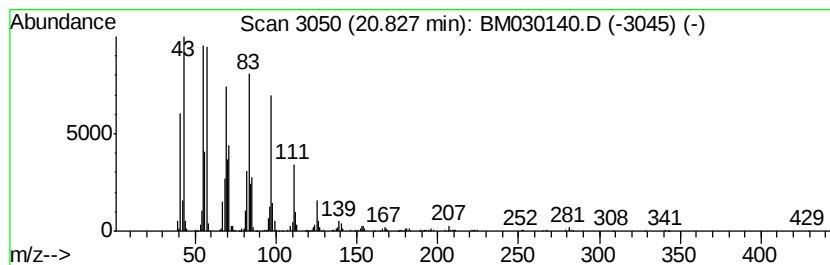
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Peak Number 3 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	7.58 ng/ul	857771	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	94
2		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
3		1-Octadecene	252	C18H36	000112-88-9	91
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



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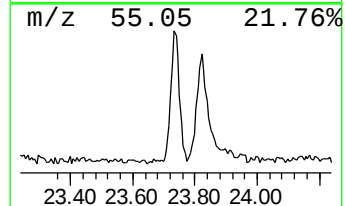
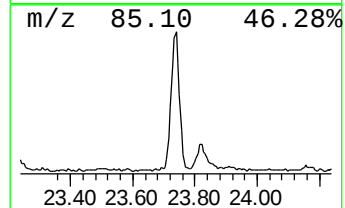
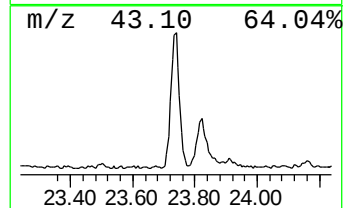
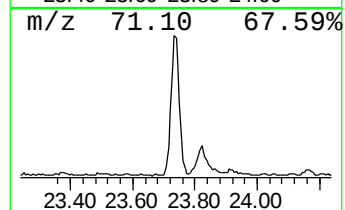
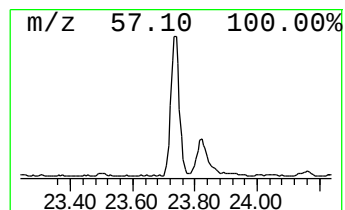
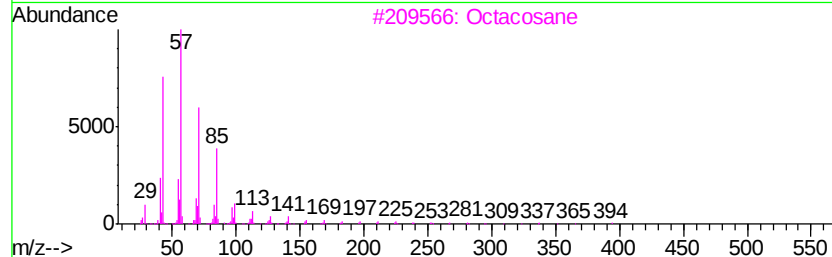
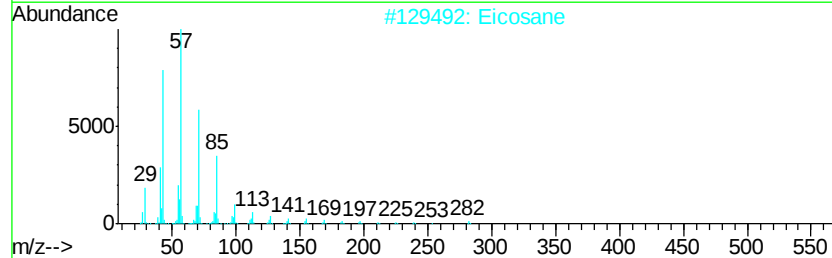
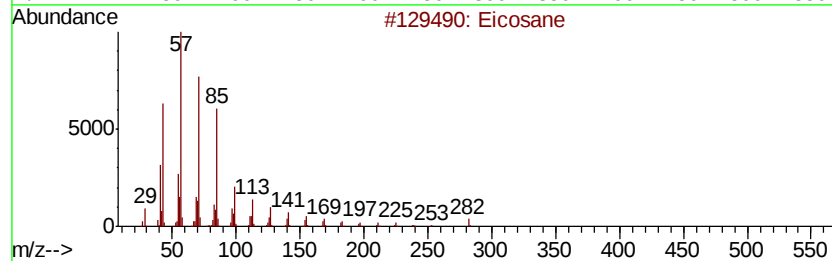
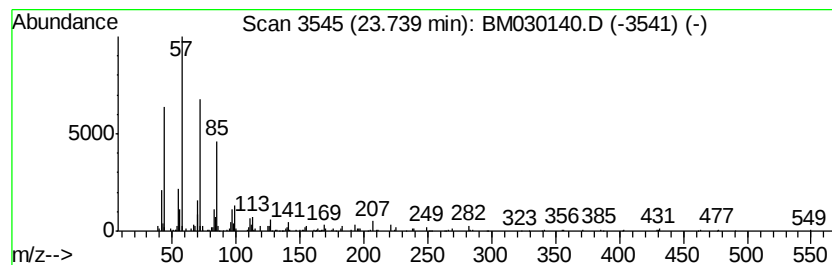
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.47 ng/ul	268254	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Eicosane	282	C20H42	000112-95-8	93
3		Octacosane	394	C28H58	000630-02-4	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heptacosane	380	C27H56	000593-49-7	83



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetrachloroethylene	4.25	3.4	ng/ul	127745	1	7.50	744756	20.0
n-Hexadecanoic acid	17.82	4.6	ng/ul	444128	4	16.90	1926940	20.0
1-Heneicosanol	20.83	7.6	ng/ul	857771	5	21.10	2263860	20.0
(DEL) Alkane: Str...	23.74	2.5	ng/ul	268254	6	23.24	2175720	20.0