

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
 Data File : BM030123.D
 Acq On : 21 May 2021 21:29
 Operator : CG/JU
 Sample : M2474-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB407

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	3.040	23	26	30	rBV2	14933	18758	0.43%	0.050%
2	3.658	127	131	136	rVB3	13444	22885	0.52%	0.061%
3	4.258	228	233	242	rVB	68899	106456	2.42%	0.282%
4	5.934	514	518	523	rVB7	5695	10150	0.23%	0.027%
5	6.710	643	650	665	rBV2	85729	206984	4.71%	0.549%
6	6.857	670	675	694	rBV	406509	783762	17.84%	2.078%
7	7.046	702	707	722	rBV	499120	887679	20.20%	2.353%
8	7.510	780	786	799	rBV	459582	787531	17.92%	2.088%
9	8.234	903	909	929	rBV	295655	625280	14.23%	1.658%
10	8.481	947	951	958	rVB7	2605	5675	0.13%	0.015%
11	8.669	976	983	1004	rBV	579118	1100502	25.05%	2.918%
12	8.869	1011	1017	1021	rVB7	3797	7350	0.17%	0.019%
13	9.081	1047	1053	1055	rVB5	3004	5454	0.12%	0.014%
14	9.381	1097	1104	1126	rBV	496896	948266	21.58%	2.514%
15	9.545	1130	1132	1139	rVB5	3333	5556	0.13%	0.015%
16	9.922	1188	1196	1230	rBV	493113	1264026	28.77%	3.351%
17	10.281	1250	1257	1268	rBV	702501	1181352	26.89%	3.132%
18	10.492	1288	1293	1294	rBV4	7772	9877	0.22%	0.026%
19	11.910	1528	1534	1543	rBV6	6272	14529	0.33%	0.039%
20	12.504	1632	1635	1642	rVB5	4391	7244	0.16%	0.019%
21	12.769	1675	1680	1685	rBV5	7308	11557	0.26%	0.031%
22	13.063	1726	1730	1736	rBV7	4284	7277	0.17%	0.019%
23	13.586	1812	1819	1824	rBV	1525151	2255343	51.33%	5.979%
24	13.633	1824	1827	1837	rVB	74987	132170	3.01%	0.350%
25	13.851	1856	1864	1881	rBV	1835900	2701332	61.48%	7.162%
26	14.075	1899	1902	1906	rVB5	3564	5108	0.12%	0.014%
27	14.163	1910	1917	1925	rBV	1090545	1625589	37.00%	4.310%
28	14.416	1957	1960	1963	rBV	9667	13418	0.31%	0.036%
29	14.457	1963	1967	1969	rBV3	7345	9859	0.22%	0.026%
30	14.980	2050	2056	2058	rBV2	7634	10702	0.24%	0.028%
31	15.004	2058	2060	2063	rVB	5867	5136	0.12%	0.014%
32	15.163	2079	2087	2097	rBV	2326248	3472348	79.03%	9.206%
33	15.304	2105	2111	2124	rBV	768804	1245488	28.35%	3.302%
34	15.404	2124	2128	2141	rVB2	34246	68498	1.56%	0.182%

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35	15.733	2179	2184	2188	rBV7	3250	5452	0.12%	0.014%
36	15.857	2201	2205	2209	rBV5	4574	5241	0.12%	0.014%
37	15.892	2209	2211	2215	rVV4	3825	4405	0.10%	0.012%
38	15.951	2215	2221	2227	rVB4	7946	12499	0.28%	0.033%
39	16.698	2343	2348	2349	rBV5	4484	5156	0.12%	0.014%
40	16.910	2378	2384	2394	rBV	1314493	1803290	41.04%	4.781%
41	17.010	2394	2401	2423	rVV	2829332	3985377	90.70%	10.566%
42	17.592	2496	2500	2506	rBV9	4819	8068	0.18%	0.021%
43	17.821	2534	2539	2547	rBV	103814	181139	4.12%	0.480%
44	17.910	2548	2554	2567	rVB2	64147	131809	3.00%	0.349%
45	18.115	2585	2589	2593	rVB7	5924	8388	0.19%	0.022%
46	18.592	2665	2670	2671	rBV4	3087	5041	0.11%	0.013%
47	18.757	2694	2698	2701	rBV2	7302	10350	0.24%	0.027%
48	18.951	2726	2731	2735	rBV	24920	38614	0.88%	0.102%
49	19.110	2753	2758	2765	rBV6	25539	55482	1.26%	0.147%
50	19.198	2770	2773	2781	rVB	21296	31640	0.72%	0.084%
51	19.257	2781	2783	2786	rBV3	5519	5485	0.12%	0.015%
52	19.310	2786	2792	2802	rBV	3251641	4393907	100.00%	11.649%
53	19.845	2880	2883	2886	rBV5	11373	15967	0.36%	0.042%
54	20.827	3046	3050	3061	rBV	296936	494937	11.26%	1.312%
55	21.104	3092	3097	3107	rBV	1165132	1646706	37.48%	4.366%
56	23.109	3431	3438	3452	rBV2	1985020	3772469	85.86%	10.001%
57	23.245	3455	3461	3471	rVB2	793409	1534491	34.92%	4.068%

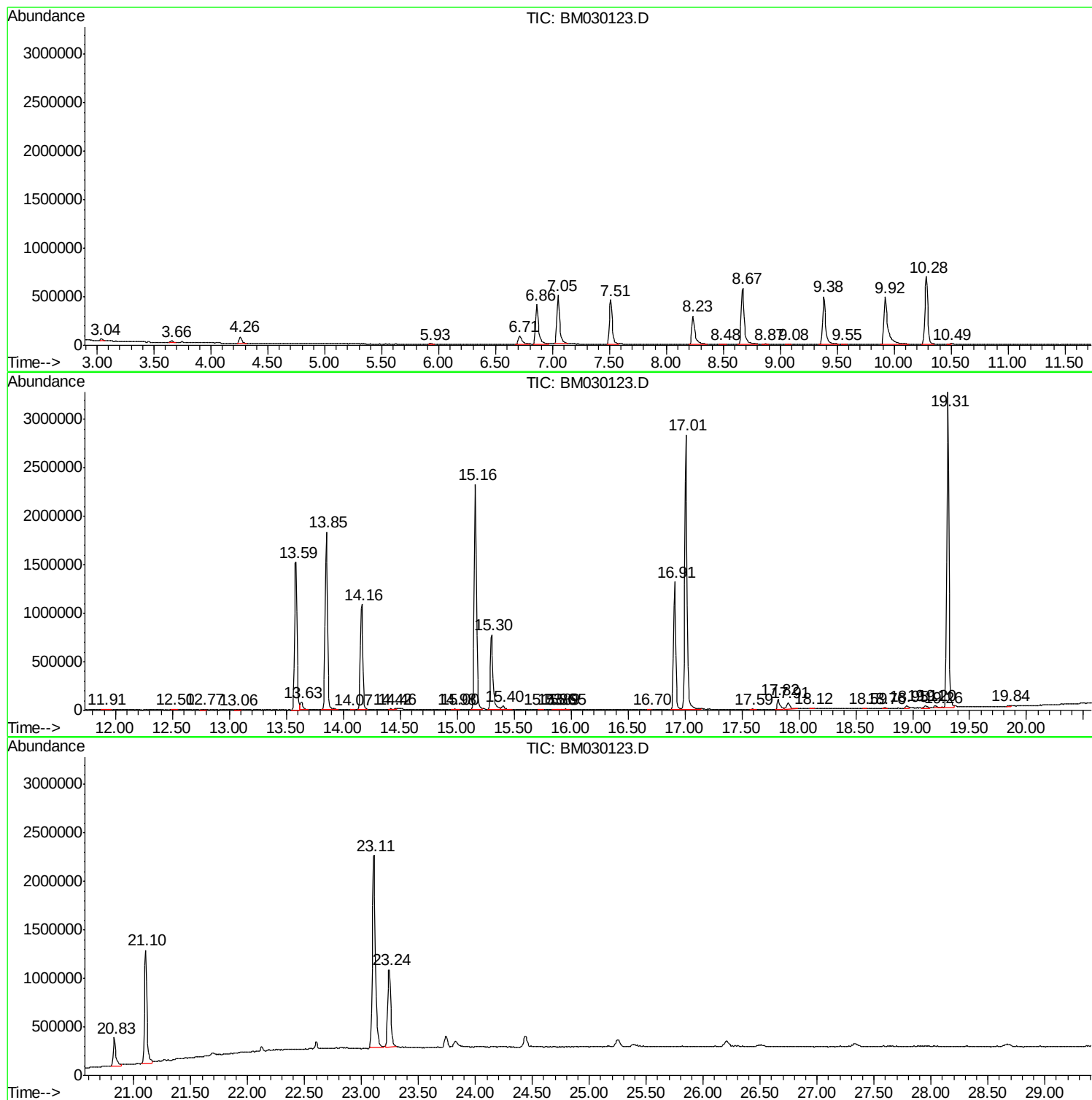
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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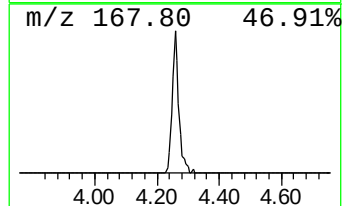
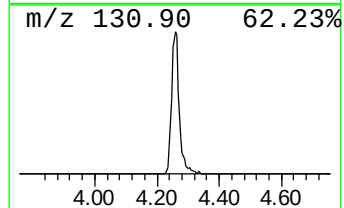
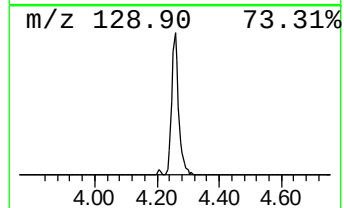
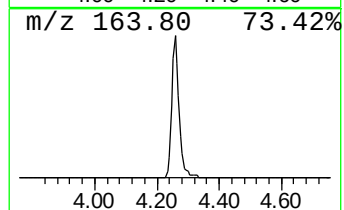
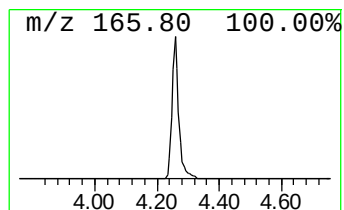
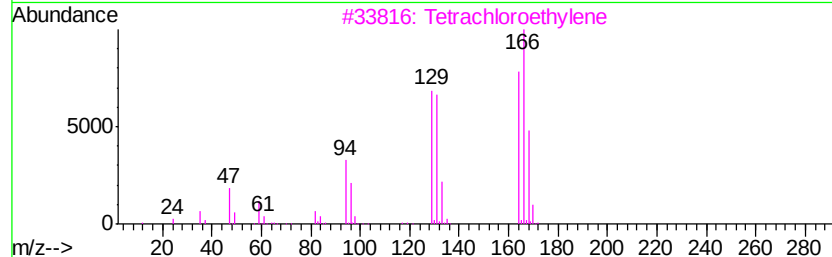
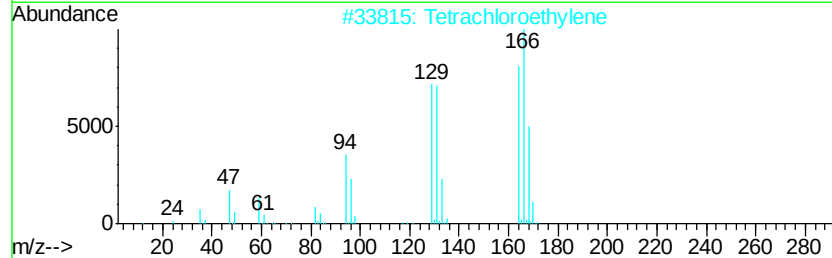
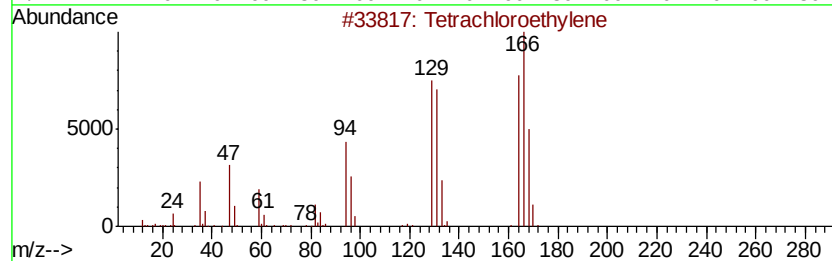
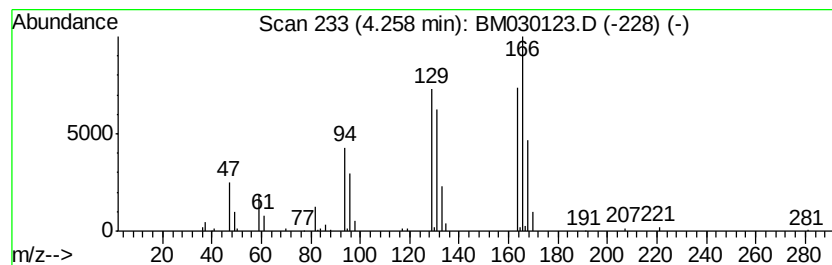
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tetrachloroethylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	2.70 ng/ul	106456	1,4-Dichlorobenzene-d4	7.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2		Tetrachloroethylene	164	C2Cl4	000127-18-4	96
3		Tetrachloroethylene	164	C2Cl4	000127-18-4	96
4		Tetrachloroethylene	164	C2Cl4	000127-18-4	95
5		Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	35



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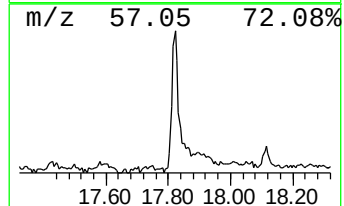
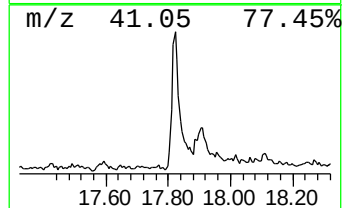
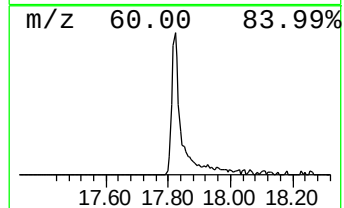
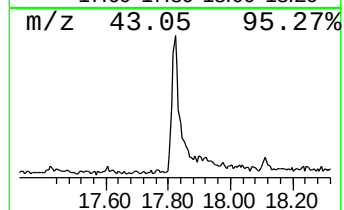
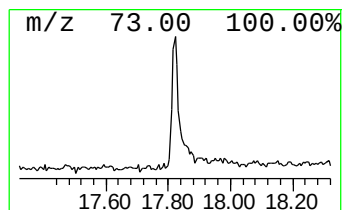
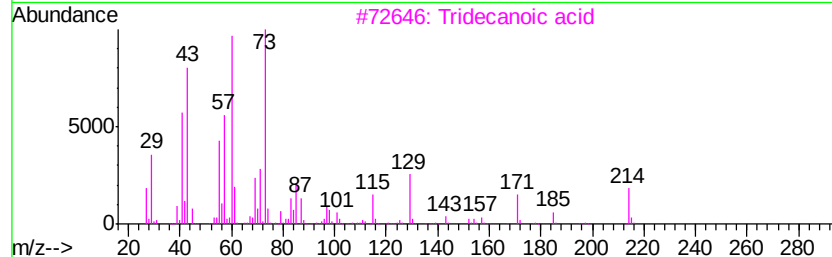
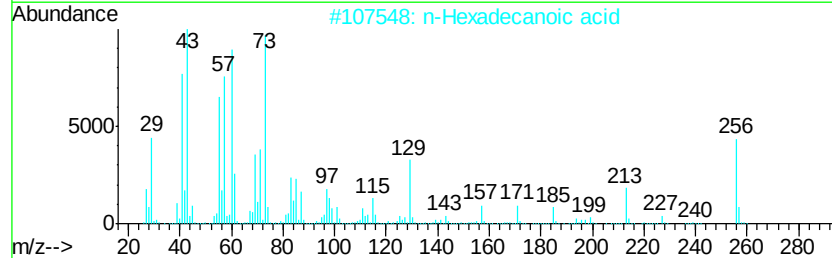
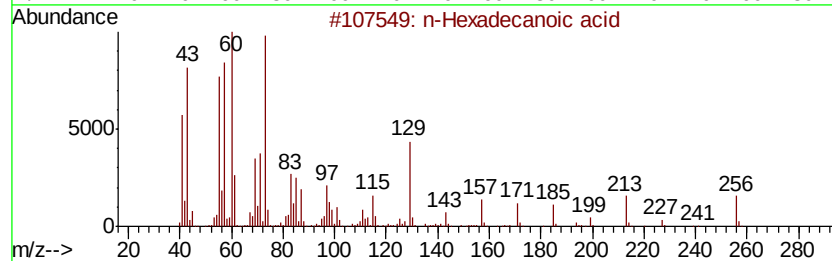
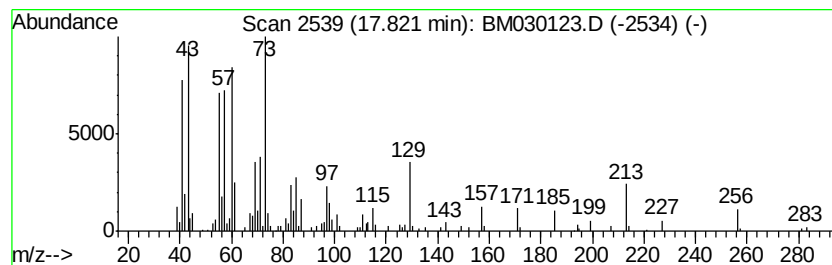
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.01 ng/ul	181139	Phenanthrene-d10	16.91

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	93	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	



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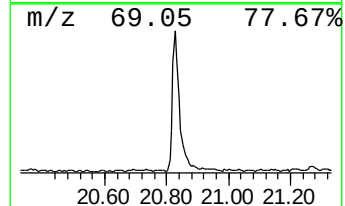
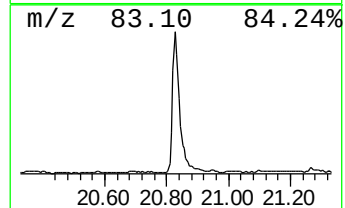
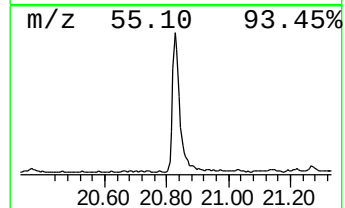
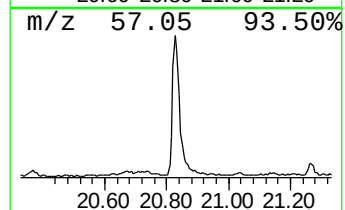
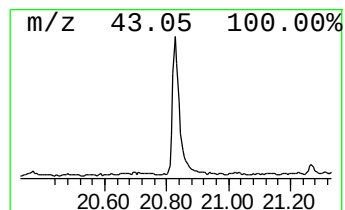
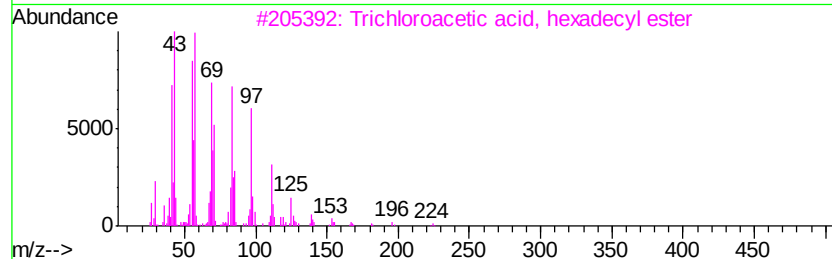
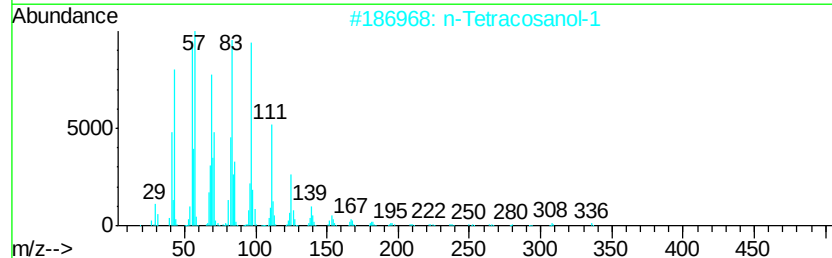
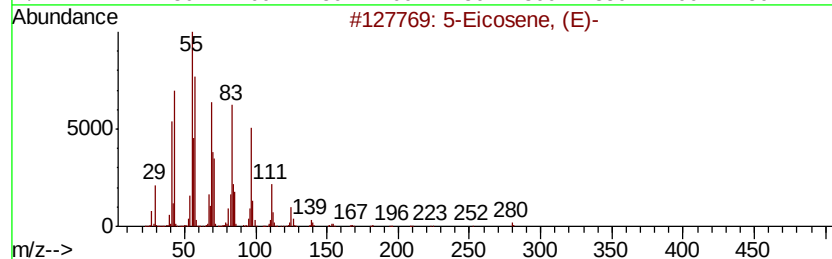
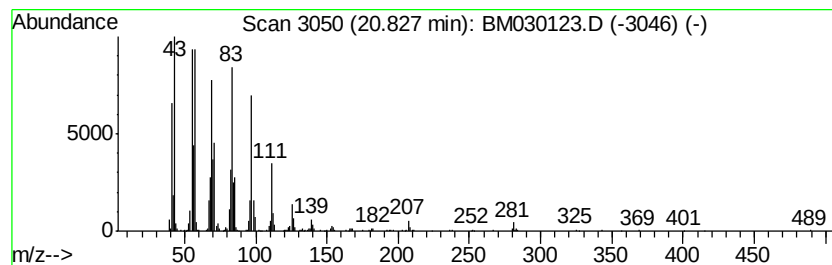
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.83	6.01 ng/ul	494937	Chrysene-d12	21.10	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	Heptadecafluorononanoic acid, tr...	646	C22H27F17O2	1000356-02-9	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetrachloroethylene	4.26	2.7	ng/ul	106456	1	7.51	787531	20.0
n-Hexadecanoic acid	17.82	2.0	ng/ul	181139	4	16.91	1803290	20.0
(DEL) Alkane: Str...	20.83	6.0	ng/ul	494937	5	21.10	1646710	20.0