

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
 Data File : BM030136.D
 Acq On : 22 May 2021 05:59
 Operator : CG/JU
 Sample : M2495-01
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB433

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	23	25	36	rVB3	17292	31245	0.58%	0.073%
2	3.652	127	130	137	rVB2	14342	23539	0.43%	0.055%
3	3.740	143	145	151	rVB4	7453	10129	0.19%	0.024%
4	5.928	512	517	519	rBV6	3635	5769	0.11%	0.013%
5	6.704	644	649	663	rBV	91077	222183	4.10%	0.517%
6	6.857	669	675	693	rBV	409387	762012	14.06%	1.774%
7	7.046	701	707	723	rBV	487922	885456	16.34%	2.061%
8	7.504	778	785	800	rBV	440069	790304	14.58%	1.840%
9	7.722	819	822	826	rVB5	4447	5739	0.11%	0.013%
10	8.228	902	908	926	rBV	316310	641164	11.83%	1.493%
11	8.663	976	982	1004	rBV	577666	1082905	19.98%	2.521%
12	9.075	1047	1052	1059	rVB6	6286	11607	0.21%	0.027%
13	9.381	1097	1104	1122	rBV	479161	916593	16.91%	2.134%
14	9.916	1189	1195	1221	rBV	492317	1235619	22.80%	2.877%
15	10.275	1249	1256	1275	rBV	698301	1228190	22.66%	2.859%
16	10.492	1286	1293	1298	rBV8	11136	28659	0.53%	0.067%
17	11.910	1528	1534	1544	rBV4	7296	19986	0.37%	0.047%
18	12.510	1630	1636	1641	rVB7	3104	6690	0.12%	0.016%
19	12.757	1676	1678	1683	rBV3	4978	7175	0.13%	0.017%
20	13.063	1724	1730	1739	rBV	284482	451398	8.33%	1.051%
21	13.580	1812	1818	1824	rBV	1614267	2287861	42.21%	5.326%
22	13.627	1824	1826	1836	rVB	63990	99763	1.84%	0.232%
23	13.845	1854	1863	1881	rBV	1901463	2769056	51.09%	6.447%
24	14.157	1910	1916	1926	rBV	1218320	1735616	32.02%	4.041%
25	14.416	1955	1960	1962	rBV4	10083	12696	0.23%	0.030%
26	14.457	1962	1967	1969	rBV3	9998	18123	0.33%	0.042%
27	14.974	2052	2055	2057	rBV2	4683	5820	0.11%	0.014%
28	15.157	2080	2086	2104	rBV	2468340	3563672	65.75%	8.297%
29	15.298	2105	2110	2124	rVV	784277	1244983	22.97%	2.898%
30	15.404	2124	2128	2139	rVB2	34818	69046	1.27%	0.161%
31	15.733	2179	2184	2191	rBV8	3541	6172	0.11%	0.014%
32	15.945	2216	2220	2226	rVB6	7159	10443	0.19%	0.024%
33	16.704	2344	2349	2354	rBV7	5349	10451	0.19%	0.024%
34	16.904	2377	2383	2394	rBV	1402805	2041278	37.66%	4.752%

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35	17.004	2394	2400	2419	rVV	2665301	4059136	74.89%	9.450%
36	17.210	2433	2435	2442	rVB7	3580	6008	0.11%	0.014%
37	17.315	2448	2453	2460	rBV6	6384	13258	0.24%	0.031%
38	17.815	2533	2538	2548	rBV	113378	207091	3.82%	0.482%
39	17.886	2548	2550	2554	rVB2	10713	14059	0.26%	0.033%
40	18.110	2585	2588	2595	rVB7	4797	7175	0.13%	0.017%
41	18.686	2682	2686	2693	rBV4	21359	42245	0.78%	0.098%
42	18.751	2694	2697	2703	rVB3	15593	21461	0.40%	0.050%
43	18.945	2727	2730	2736	rBV	28429	44066	0.81%	0.103%
44	19.004	2738	2740	2746	rVB4	18779	23310	0.43%	0.054%
45	19.109	2754	2758	2763	rBV5	24582	40865	0.75%	0.095%
46	19.192	2769	2772	2777	rVB	27520	33645	0.62%	0.078%
47	19.304	2785	2791	2803	rBV	3605989	5036056	92.91%	11.724%
48	19.845	2879	2883	2884	rBV3	10668	14834	0.27%	0.035%
49	19.868	2884	2887	2891	rVB	49840	58779	1.08%	0.137%
50	20.368	2968	2972	2976	rBV2	32989	41871	0.77%	0.097%
51	20.827	3045	3050	3060	rBV	406674	668387	12.33%	1.556%
52	21.098	3091	3096	3111	rBV	1811927	2477082	45.70%	5.767%
53	23.103	3430	3437	3452	rBV	3119489	5420326	100.00%	12.619%
54	23.239	3453	3460	3471	rVB2	1319032	2482340	45.80%	5.779%

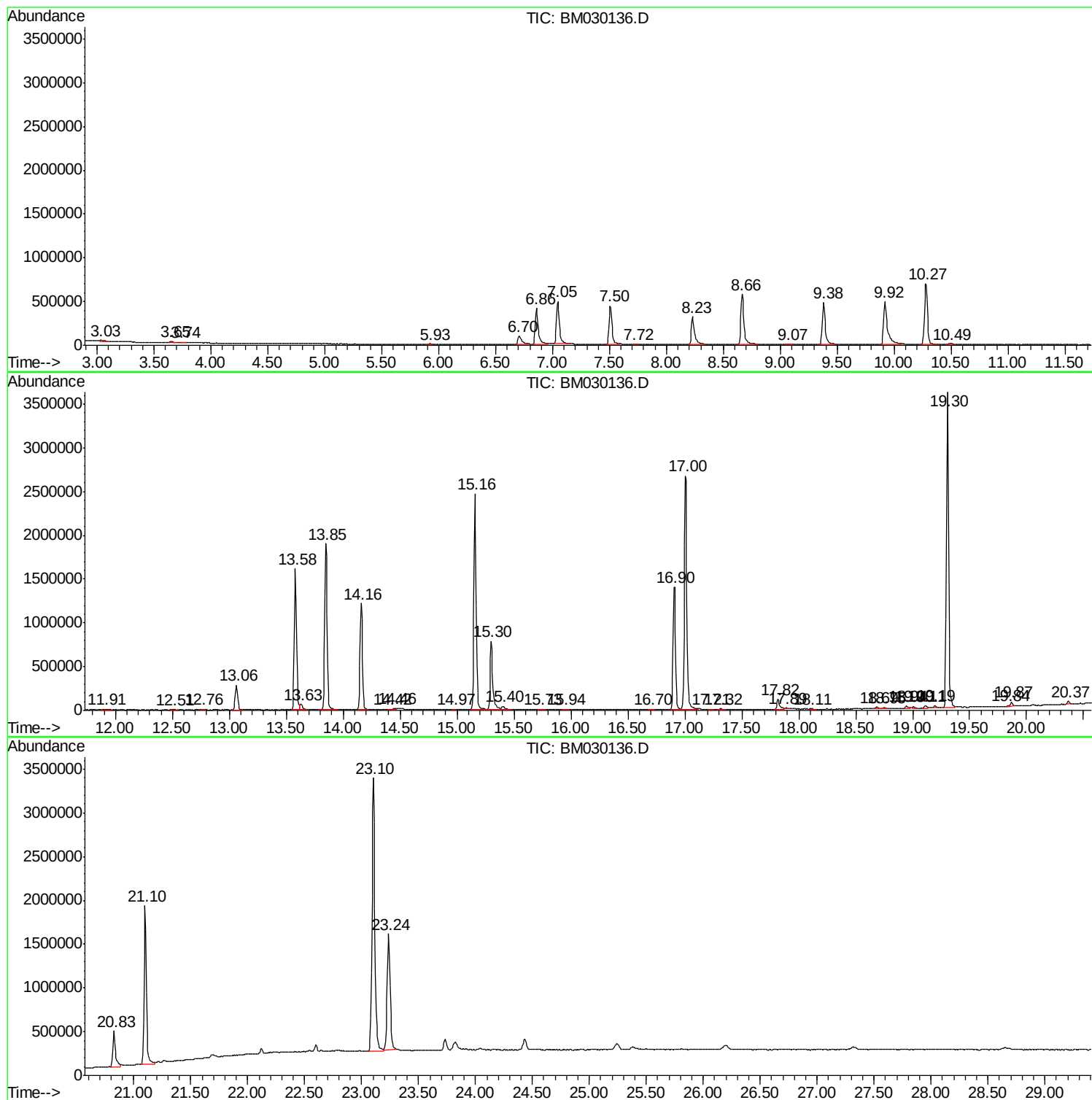
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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



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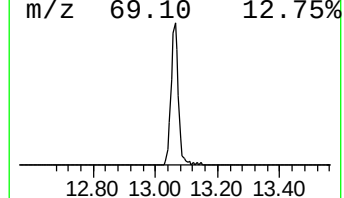
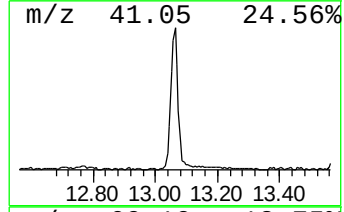
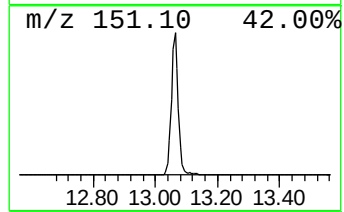
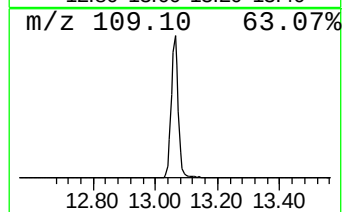
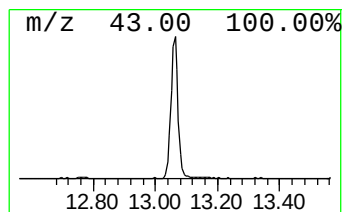
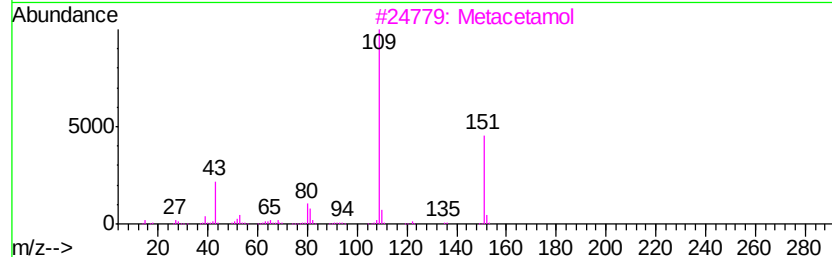
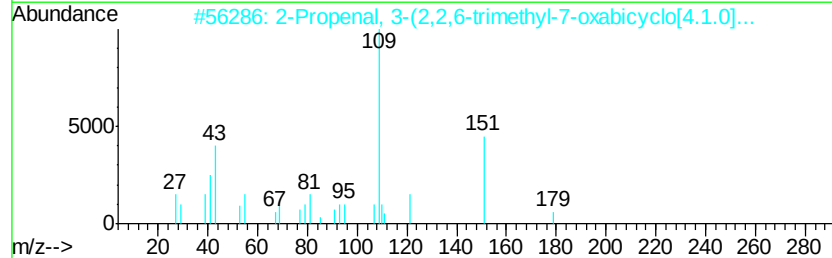
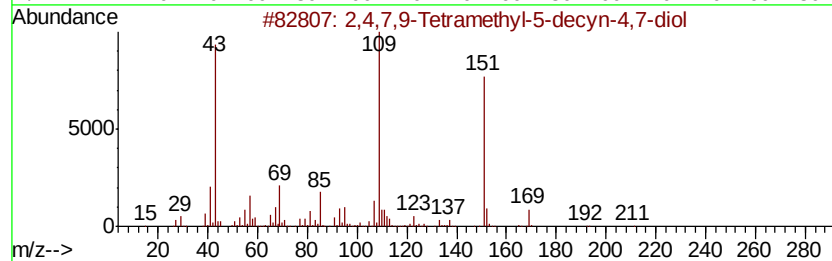
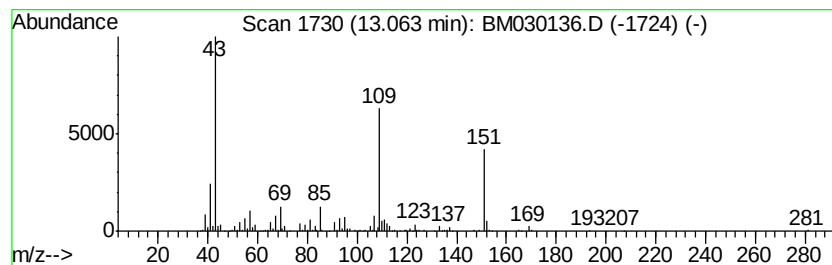
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.06	5.20 ng/ul	451398	Acenaphthene-d10	14.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	64
3	Metacetamol	151	C8H9NO2	000621-42-1	53
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
5	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53



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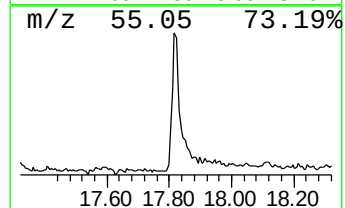
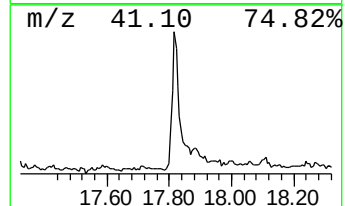
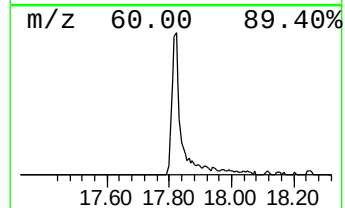
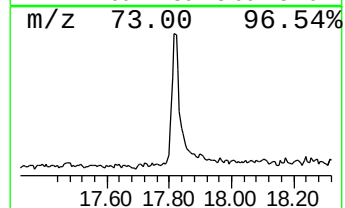
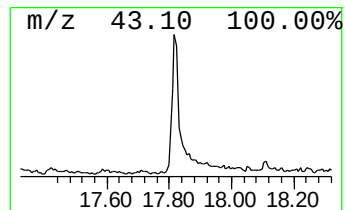
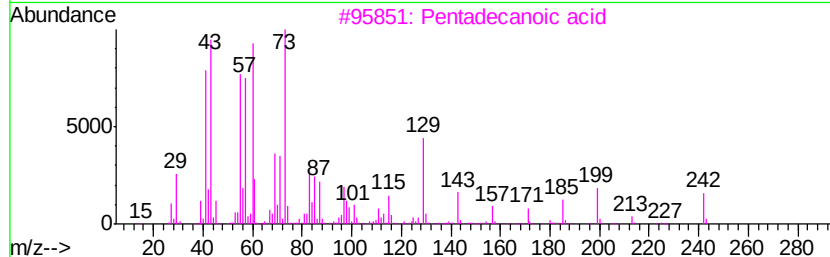
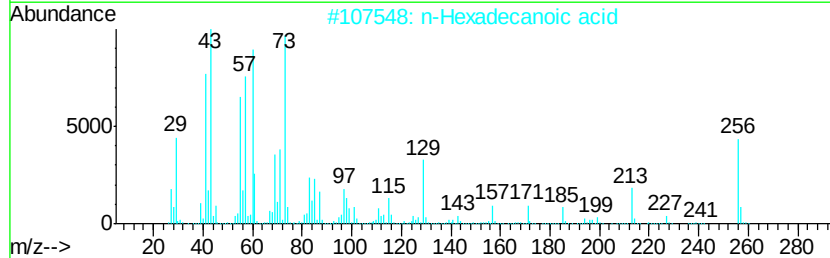
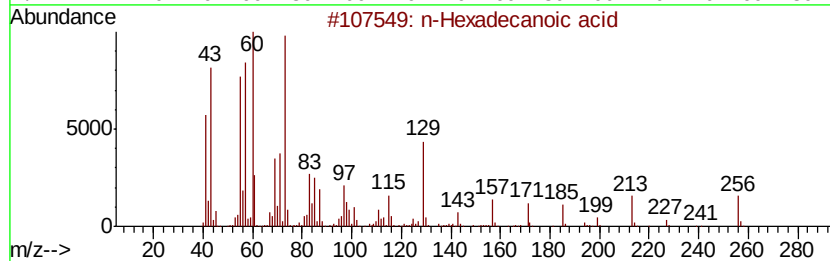
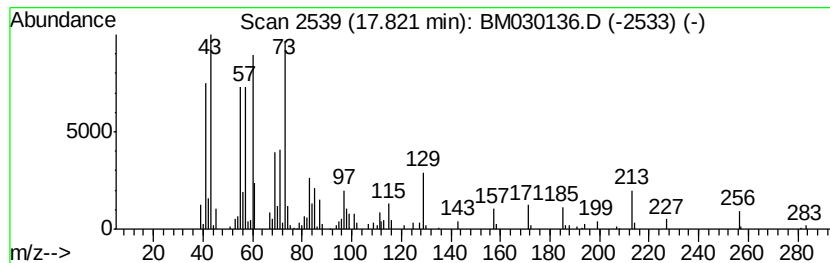
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.03 ng/ul	207091	Phenanthrene-d10	16.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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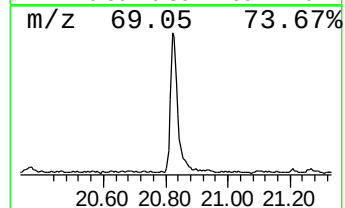
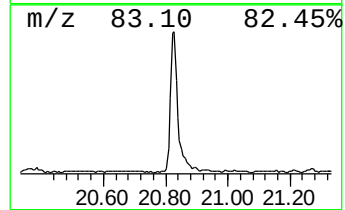
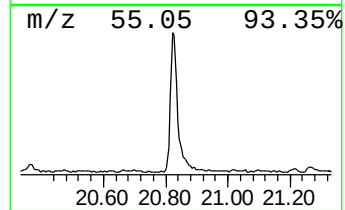
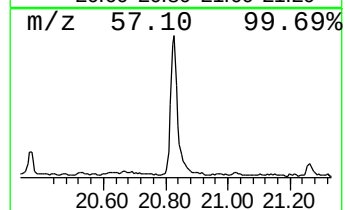
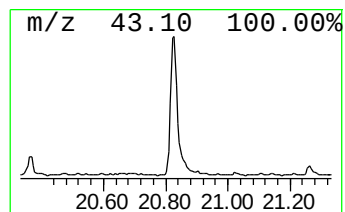
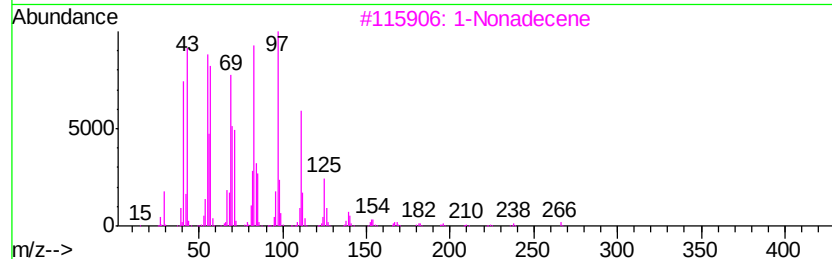
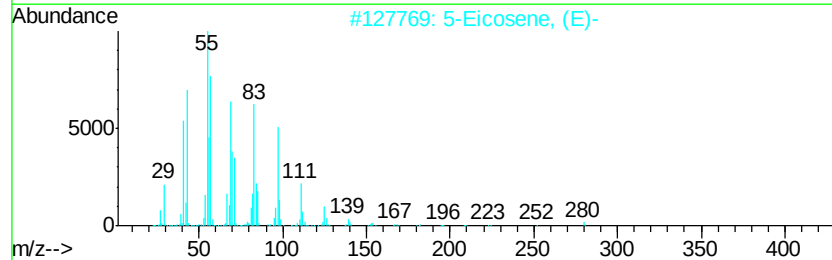
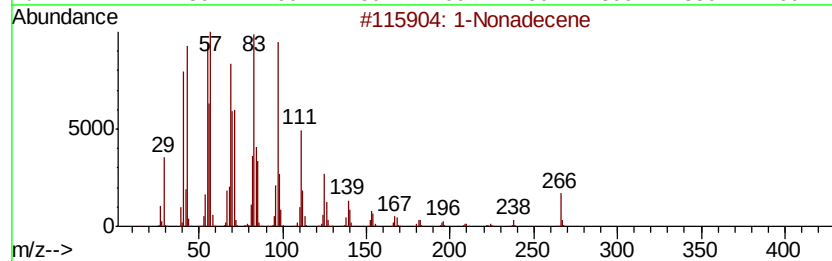
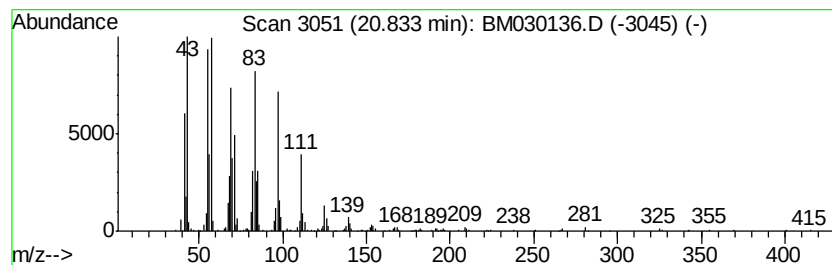
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.83	5.40 ng/ul	668387	Chrysene-d12		21.10	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene		266	C19H38	018435-45-5	98
2	5-Eicosene, (E)-		280	C20H40	074685-30-6	98
3	1-Nonadecene		266	C19H38	018435-45-5	97
4	Cyclotetracosane		336	C24H48	000297-03-0	95
5	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,7,9-Tetrameth...	13.06	5.2	ng/ul	451398	3	14.16	1735620	20.0
n-Hexadecanoic acid	17.82	2.0	ng/ul	207091	4	16.91	2041280	20.0
(DEL) Alkane: Str...	20.83	5.4	ng/ul	668387	5	21.10	2477080	20.0