

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
 Data File : BM030125.D
 Acq On : 21 May 2021 22:42
 Operator : CG/JU
 Sample : M2474-09
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB408

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	33	rVB5	15525	25491	0.51%	0.062%
2	3.652	127	130	138	rVB3	17121	29030	0.58%	0.070%
3	3.846	161	163	169	rVB5	6287	9956	0.20%	0.024%
4	4.263	231	234	238	rVB5	8727	11087	0.22%	0.027%
5	5.922	513	516	523	rVB5	4710	8085	0.16%	0.020%
6	6.651	636	640	645	rBV6	2818	5417	0.11%	0.013%
7	6.710	645	650	668	rBV	95153	222584	4.48%	0.540%
8	6.857	670	675	692	rBV	403651	752515	15.14%	1.826%
9	7.045	701	707	721	rBV	496964	880848	17.72%	2.138%
10	7.510	779	786	799	rBV	456247	801760	16.13%	1.946%
11	8.228	902	908	934	rBV	319458	654286	13.17%	1.588%
12	8.669	977	983	998	rBV	572341	1075213	21.63%	2.610%
13	9.069	1047	1051	1059	rVB6	4676	9371	0.19%	0.023%
14	9.381	1097	1104	1130	rBV	502078	946564	19.05%	2.297%
15	9.922	1189	1196	1222	rBV	507229	1246810	25.09%	3.026%
16	10.281	1250	1257	1269	rBV	693383	1197366	24.09%	2.906%
17	10.492	1287	1293	1294	rBV4	9170	14679	0.30%	0.036%
18	10.775	1338	1341	1348	rVB8	2512	6528	0.13%	0.016%
19	11.910	1527	1534	1541	rBV5	7771	18105	0.36%	0.044%
20	12.504	1629	1635	1642	rBV5	4735	8924	0.18%	0.022%
21	12.769	1675	1680	1689	rVB6	7635	11699	0.24%	0.028%
22	13.063	1723	1730	1739	rBV	370822	586521	11.80%	1.424%
23	13.122	1739	1740	1748	rVB6	3546	6988	0.14%	0.017%
24	13.580	1812	1818	1824	rBV	1605203	2355892	47.40%	5.718%
25	13.633	1824	1827	1834	rVB	117192	181139	3.64%	0.440%
26	13.851	1856	1864	1883	rBV	1877148	2741950	55.17%	6.655%
27	14.069	1900	1901	1909	rVB7	3663	5339	0.11%	0.013%
28	14.163	1909	1917	1928	rBV	1122649	1695144	34.11%	4.114%
29	14.445	1956	1965	1972	rBV	18526	62500	1.26%	0.152%
30	14.616	1990	1994	2004	rVB9	5387	14778	0.30%	0.036%
31	15.027	2063	2064	2068	rVB3	5439	6037	0.12%	0.015%
32	15.157	2080	2086	2105	rBV	2360774	3584749	72.13%	8.701%
33	15.298	2105	2110	2124	rBV	888319	1434543	28.86%	3.482%
34	15.404	2124	2128	2134	rVB	31467	54839	1.10%	0.133%

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35	15.539	2149	2151	2158	rVB7	4277	5892	0.12%	0.014%
36	15.739	2179	2185	2189	rBV9	3907	7469	0.15%	0.018%
37	15.898	2209	2212	2216	rBV4	4919	5760	0.12%	0.014%
38	15.951	2216	2221	2228	rVB6	9726	14494	0.29%	0.035%
39	16.145	2250	2254	2258	rVB3	6822	9568	0.19%	0.023%
40	16.586	2327	2329	2336	rVB7	4270	5620	0.11%	0.014%
41	16.704	2343	2349	2353	rBV4	5893	12415	0.25%	0.030%
42	16.910	2378	2384	2394	rBV	1410829	1942335	39.08%	4.714%
43	17.009	2395	2401	2422	rVV	2948822	4269097	85.90%	10.362%
44	17.215	2432	2436	2439	rVB5	7006	8231	0.17%	0.020%
45	17.309	2449	2452	2460	rVB8	6852	12706	0.26%	0.031%
46	17.821	2532	2539	2548	rBV	135750	245140	4.93%	0.595%
47	17.909	2548	2554	2564	rVB5	27385	73350	1.48%	0.178%
48	18.115	2585	2589	2593	rBV6	7338	10141	0.20%	0.025%
49	18.686	2682	2686	2694	rBV2	40164	70471	1.42%	0.171%
50	18.751	2694	2697	2702	rVB5	10937	16223	0.33%	0.039%
51	18.951	2726	2731	2737	rVV	30002	49669	1.00%	0.121%
52	19.009	2737	2741	2745	rVB	37405	45760	0.92%	0.111%
53	19.109	2755	2758	2764	rBV5	28111	52817	1.06%	0.128%
54	19.198	2769	2773	2781	rVB	26625	41235	0.83%	0.100%
55	19.309	2786	2792	2802	rBV	3856867	4969849	100.00%	12.063%
56	19.839	2880	2882	2885	rBV3	8591	11614	0.23%	0.028%
57	20.827	3046	3050	3059	rBV	370355	555945	11.19%	1.349%
58	21.103	3092	3097	3108	rBV	1375253	1917599	38.58%	4.654%
59	22.603	3349	3352	3357	rVB3	86318	107218	2.16%	0.260%
60	23.109	3431	3438	3448	rBV2	2246586	4154046	83.58%	10.082%
61	23.244	3455	3461	3471	rVB2	871692	1698134	34.17%	4.122%
62	23.738	3542	3545	3552	rVB	128478	221150	4.45%	0.537%

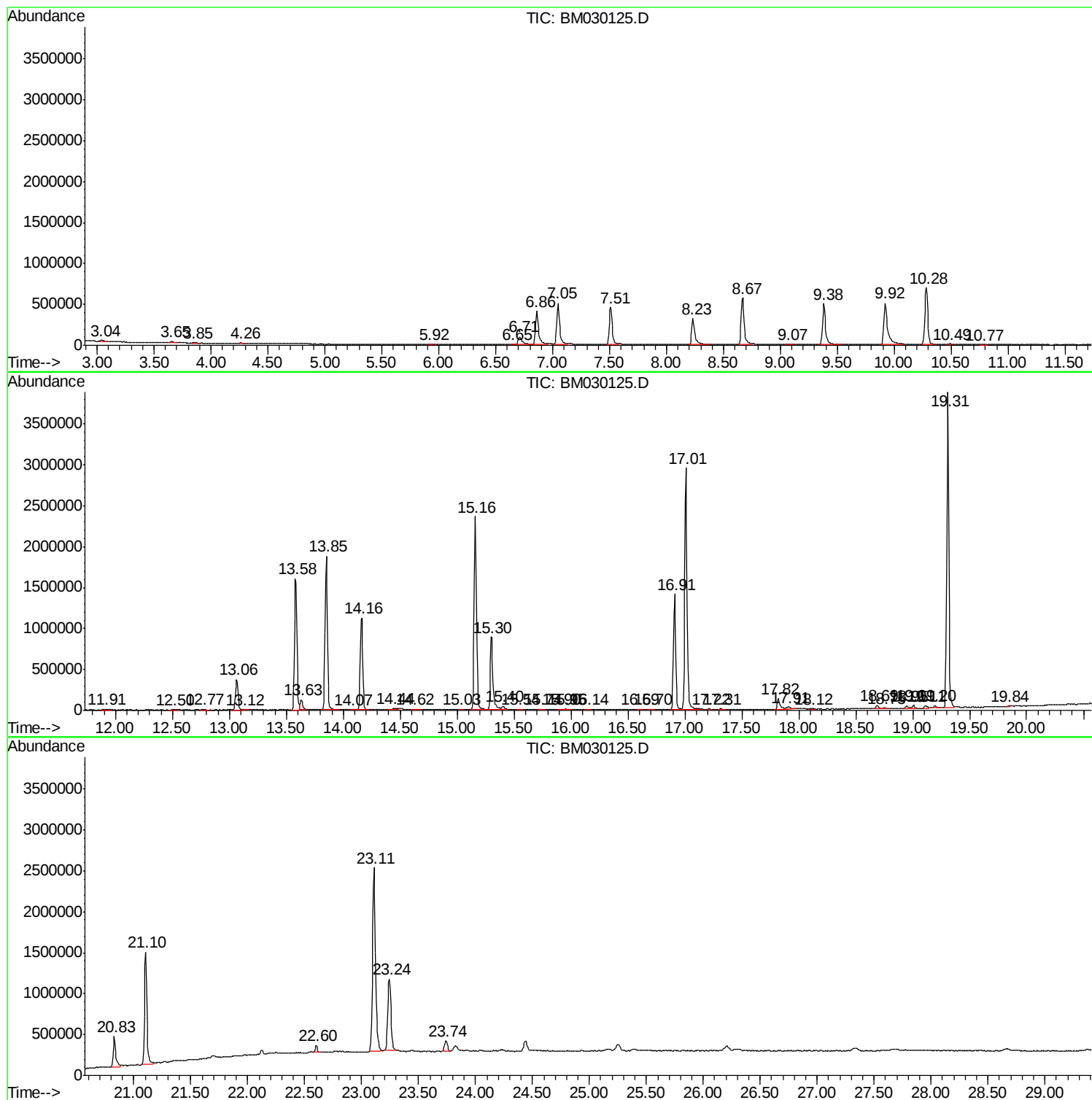
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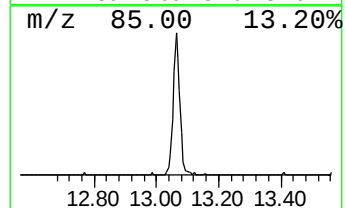
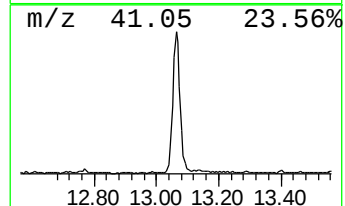
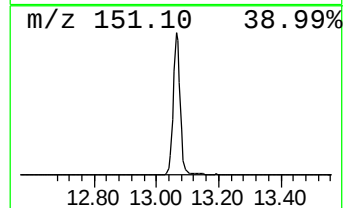
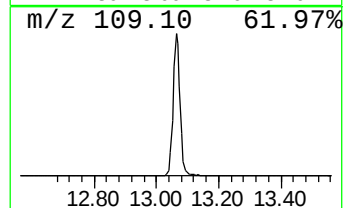
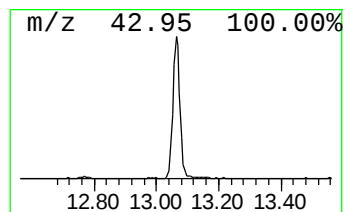
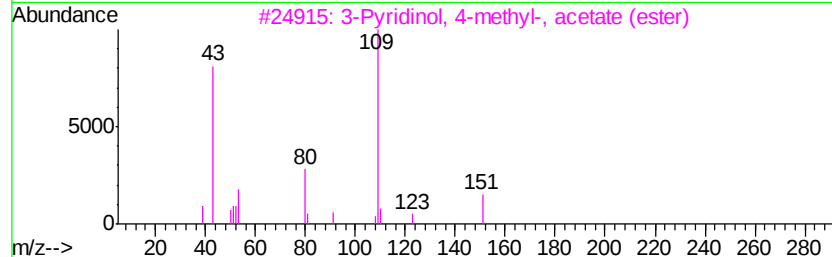
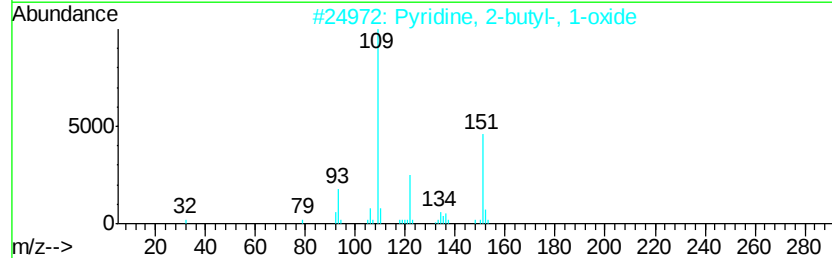
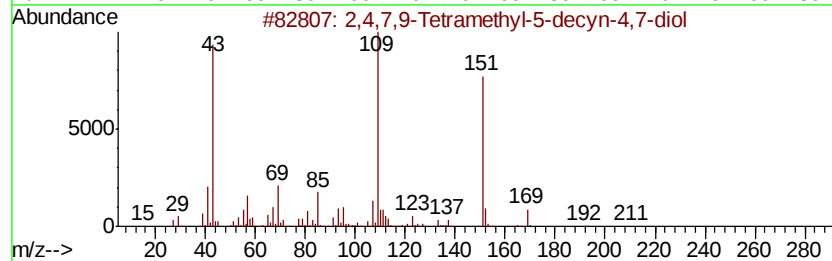
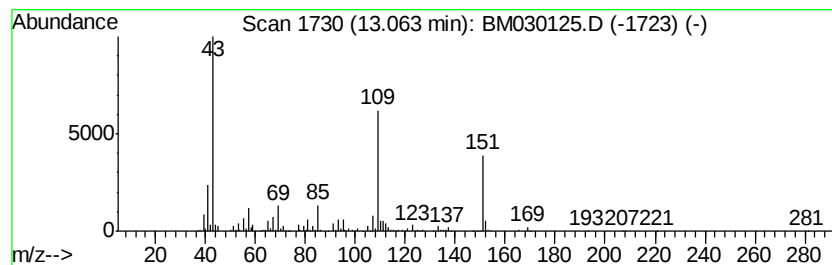
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.06	6.92 ng/ul	586521	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	90
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
4	Metacetamol	151	C8H9NO2	000621-42-1	53
5	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	42



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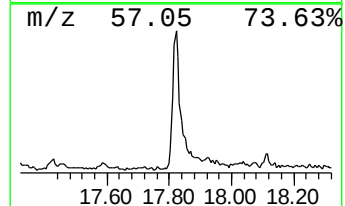
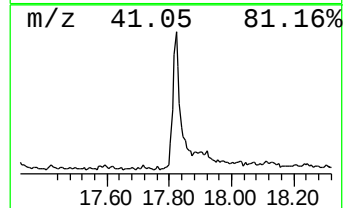
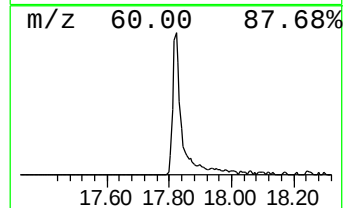
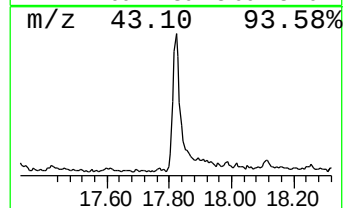
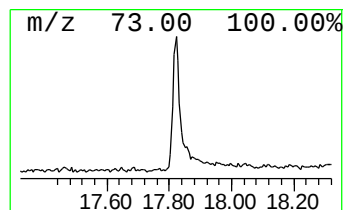
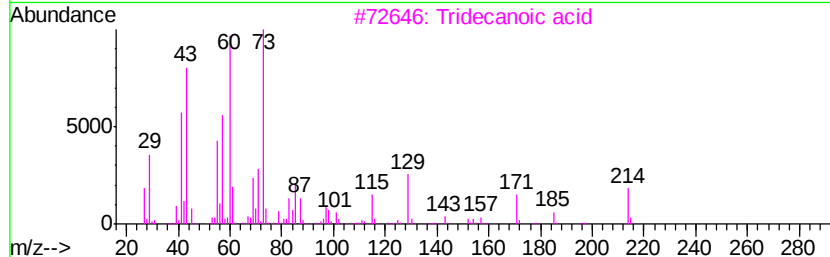
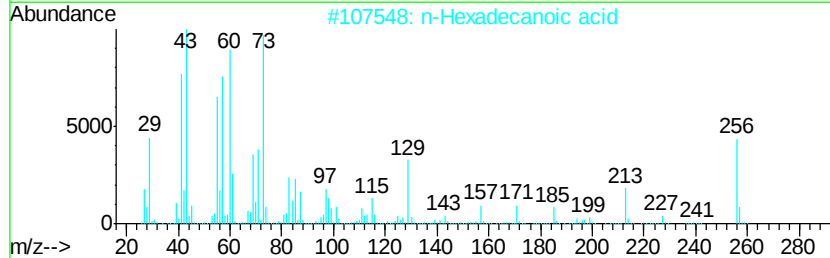
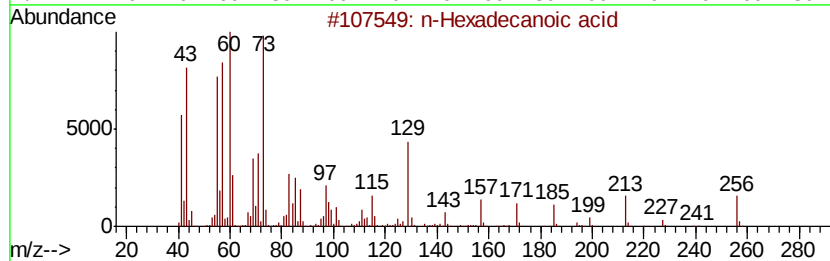
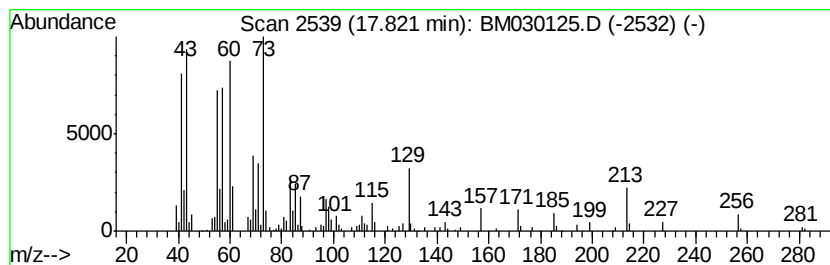
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.82	2.52 ng/ul	245140	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	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5		Tridecanoic acid	214	C13H26O2	000638-53-9	81



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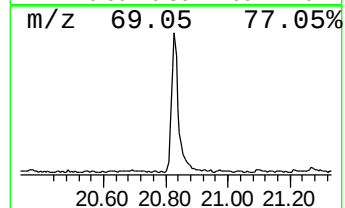
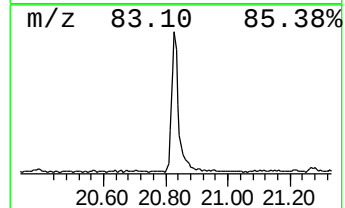
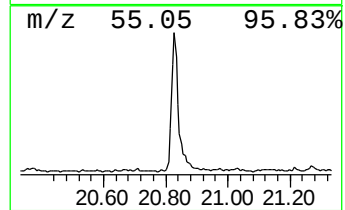
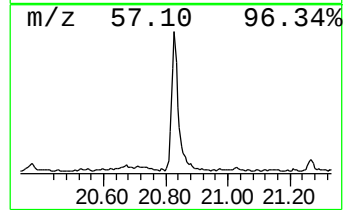
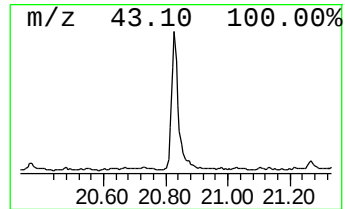
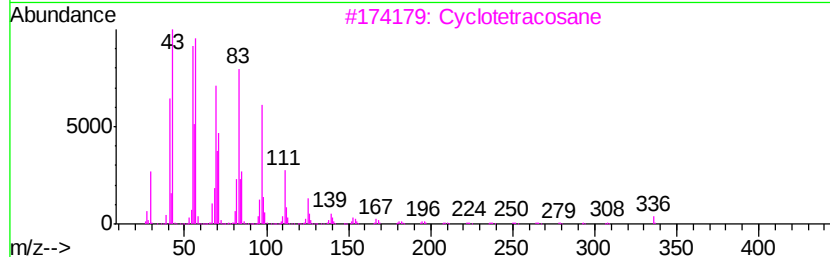
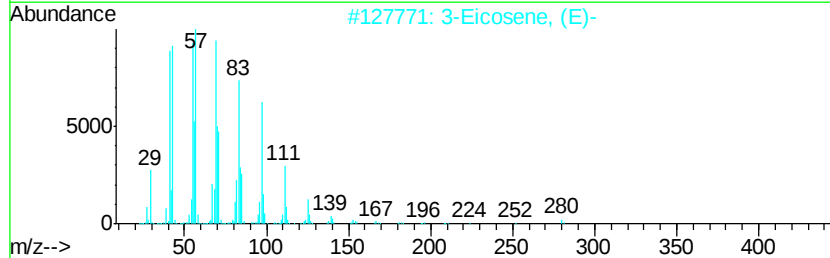
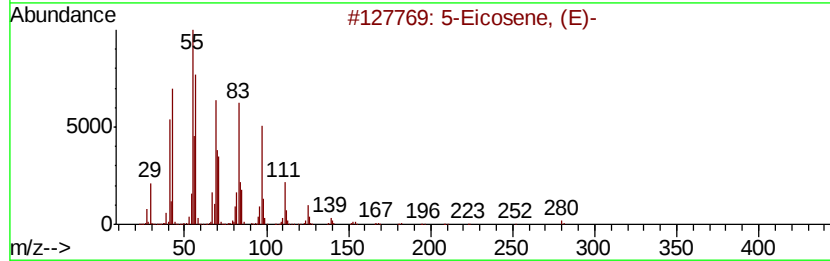
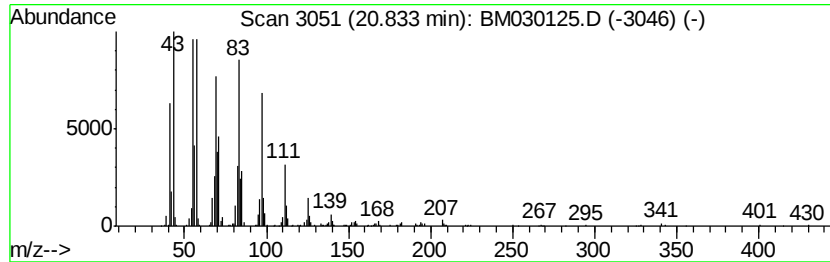
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	5.80 ng/ul	555945	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3		Cyclotetracosane	336	C24H48	000297-03-0	94
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



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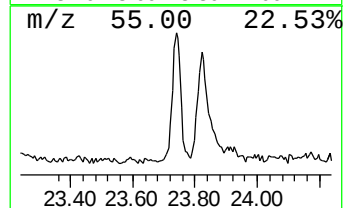
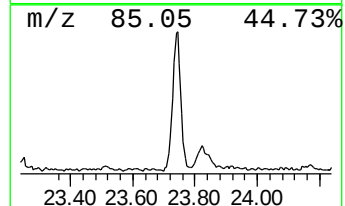
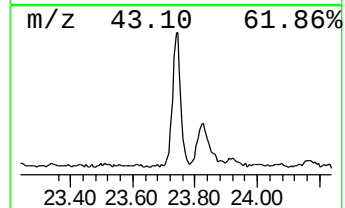
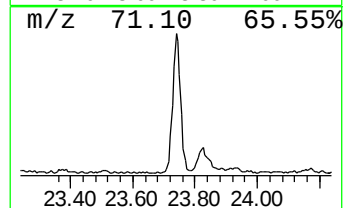
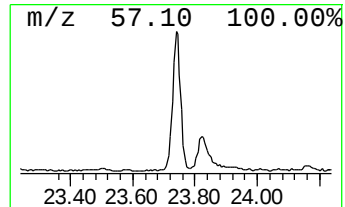
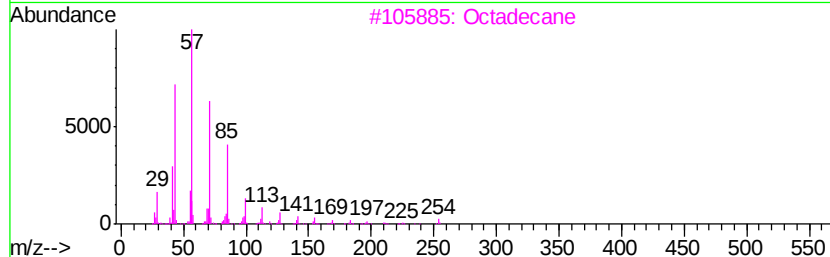
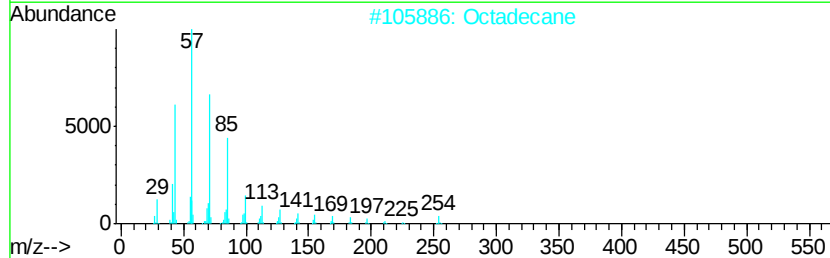
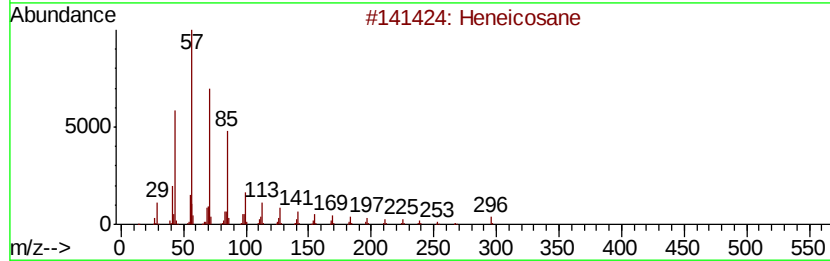
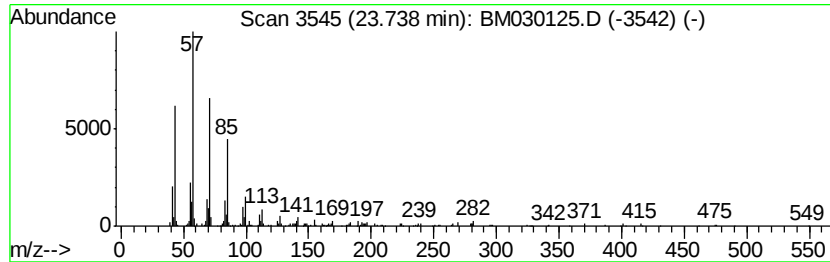
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.60 ng/ul	221150	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Octadecane	254	C18H38	000593-45-3	94
3		Octadecane	254	C18H38	000593-45-3	94
4		Eicosane	282	C20H42	000112-95-8	91
5		Heptacosane	380	C27H56	000593-49-7	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,7,9-Tetrameth...	13.06	6.9	ng/ul	586521	3	14.16	1695140	20.0
n-Hexadecanoic acid	17.82	2.5	ng/ul	245140	4	16.91	1942340	20.0
(DEL) Alkane: Str...	20.83	5.8	ng/ul	555945	5	21.10	1917600	20.0
(DEL) Alkane: Str...	23.74	2.6	ng/ul	221150	6	23.24	1698130	20.0