

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
 Data File : BM030122.D
 Acq On : 21 May 2021 20:52
 Operator : CG/JU
 Sample : M2474-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GB402

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	34	rVB2	17858	27671	0.57%	0.068%
2	3.652	128	130	138	rVB2	15210	23173	0.48%	0.057%
3	3.846	161	163	168	rVB6	5541	6421	0.13%	0.016%
4	4.257	229	233	241	rVB2	34617	57082	1.18%	0.140%
5	5.934	514	518	522	rVB6	3906	6011	0.12%	0.015%
6	6.710	645	650	667	rBV	91473	216913	4.50%	0.533%
7	6.857	670	675	692	rBV	406861	778460	16.15%	1.914%
8	7.045	701	707	733	rVB	495464	910150	18.88%	2.237%
9	7.510	780	786	799	rBV	465624	789729	16.38%	1.941%
10	8.234	903	909	930	rBV	314491	647933	13.44%	1.593%
11	8.669	975	983	1000	rBV	593051	1119675	23.23%	2.752%
12	8.851	1010	1014	1020	rVB7	6234	12949	0.27%	0.032%
13	9.081	1050	1053	1061	rVB5	4684	8555	0.18%	0.021%
14	9.381	1098	1104	1120	rBV	510917	949440	19.70%	2.334%
15	9.922	1190	1196	1225	rBV	527682	1294049	26.85%	3.181%
16	10.281	1250	1257	1272	rBV	710840	1209125	25.08%	2.972%
17	10.498	1288	1294	1295	rBV3	9033	12451	0.26%	0.031%
18	11.180	1405	1410	1412	rBV4	2711	5024	0.10%	0.012%
19	11.916	1528	1535	1540	rBV3	7015	15896	0.33%	0.039%
20	12.510	1630	1636	1641	rBV6	3830	7901	0.16%	0.019%
21	12.769	1676	1680	1684	rVB2	5197	6924	0.14%	0.017%
22	13.074	1727	1732	1734	rBV4	3551	5686	0.12%	0.014%
23	13.586	1812	1819	1824	rBV	1589260	2336022	48.46%	5.742%
24	13.633	1824	1827	1837	rVB	78946	134031	2.78%	0.329%
25	13.851	1857	1864	1877	rBV	1924257	2772482	57.52%	6.815%
26	14.074	1898	1902	1906	rVB5	3845	5549	0.12%	0.014%
27	14.163	1910	1917	1930	rBV	1177695	1712303	35.52%	4.209%
28	14.445	1960	1965	1967	rBV3	14020	23233	0.48%	0.057%
29	14.486	1970	1972	1982	rVB9	9204	23900	0.50%	0.059%
30	14.616	1988	1994	2025	rVB	310227	528691	10.97%	1.300%
31	14.974	2051	2055	2059	rBV	7758	11641	0.24%	0.029%
32	15.163	2079	2087	2105	rBV	2465346	3584784	74.37%	8.812%
33	15.304	2105	2111	2124	rVV	849522	1369474	28.41%	3.366%
34	15.404	2124	2128	2140	rVB2	34636	69473	1.44%	0.171%

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35	15.951	2217	2221	2224	rVB4	9327	11753	0.24%	0.029%
36	16.057	2235	2239	2241	rBV5	4146	5288	0.11%	0.013%
37	16.351	2284	2289	2294	rBV7	3832	8338	0.17%	0.020%
38	16.398	2294	2297	2301	rVB3	3876	4883	0.10%	0.012%
39	16.474	2307	2310	2314	rBV6	3610	5759	0.12%	0.014%
40	16.592	2326	2330	2335	rVB5	4696	6142	0.13%	0.015%
41	16.692	2342	2347	2348	rBV4	4976	5936	0.12%	0.015%
42	16.910	2378	2384	2395	rBV	1392404	1954595	40.55%	4.805%
43	17.010	2395	2401	2416	rVV	2928472	4085964	84.77%	10.044%
44	17.209	2434	2435	2442	rVB5	4118	6337	0.13%	0.016%
45	17.586	2493	2499	2506	rVB9	7514	11522	0.24%	0.028%
46	17.704	2516	2519	2524	rBV7	3125	5338	0.11%	0.013%
47	17.821	2534	2539	2549	rBV	150368	255772	5.31%	0.629%
48	17.892	2549	2551	2553	rVV	14934	17872	0.37%	0.044%
49	17.915	2553	2555	2563	rVB5	12648	25300	0.52%	0.062%
50	18.115	2585	2589	2593	rVB7	4061	5650	0.12%	0.014%
51	18.615	2672	2674	2682	rVB9	7142	10941	0.23%	0.027%
52	18.686	2685	2686	2693	rBV6	3098	5413	0.11%	0.013%
53	18.751	2695	2697	2704	rVB7	6859	8842	0.18%	0.022%
54	18.821	2705	2709	2713	rBV7	5932	9485	0.20%	0.023%
55	18.951	2726	2731	2744	rBV3	29907	63181	1.31%	0.155%
56	19.109	2753	2758	2769	rBV5	39905	85470	1.77%	0.210%
57	19.198	2769	2773	2777	rVV	25351	34334	0.71%	0.084%
58	19.309	2786	2792	2810	rBV	3626657	4820240	100.00%	11.849%
59	19.845	2880	2883	2886	rBV5	9921	14242	0.30%	0.035%
60	20.827	3046	3050	3066	rBV	353213	574206	11.91%	1.411%
61	21.103	3092	3097	3111	rBV	1356233	1927406	39.99%	4.738%
62	22.121	3267	3270	3275	rVB2	75713	92161	1.91%	0.227%
63	23.109	3431	3438	3454	rBV2	2156817	4052913	84.08%	9.962%
64	23.244	3455	3461	3473	rVB2	867155	1682793	34.91%	4.136%
65	23.738	3542	3545	3552	rVB	120244	200993	4.17%	0.494%

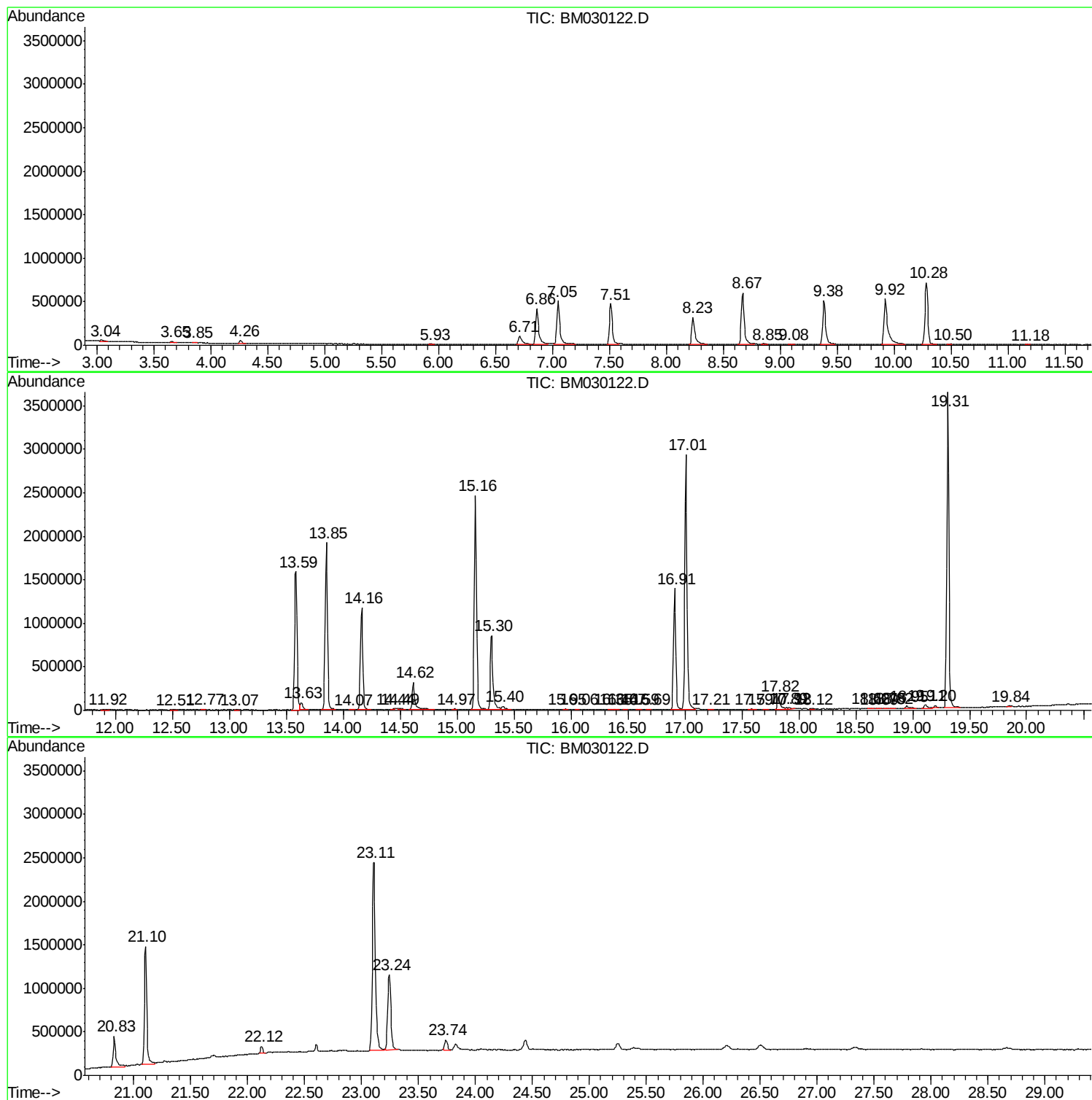
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Quant Title : SVOA CALIBRATION

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



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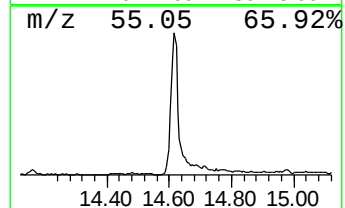
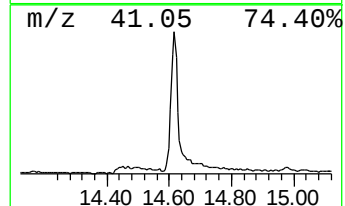
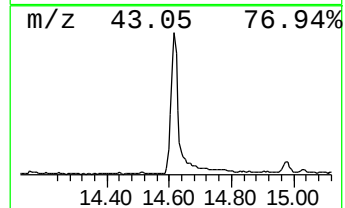
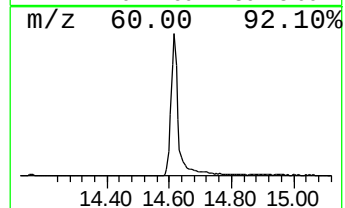
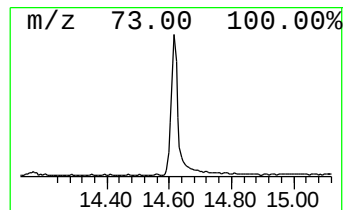
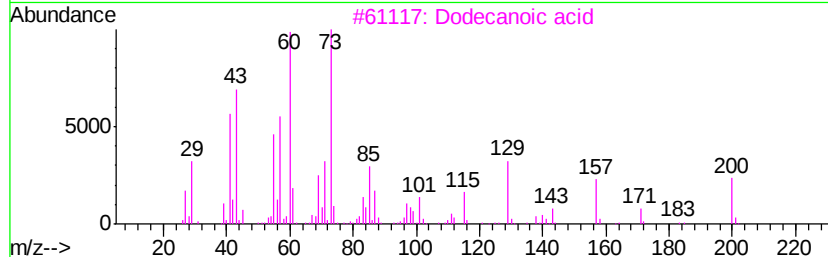
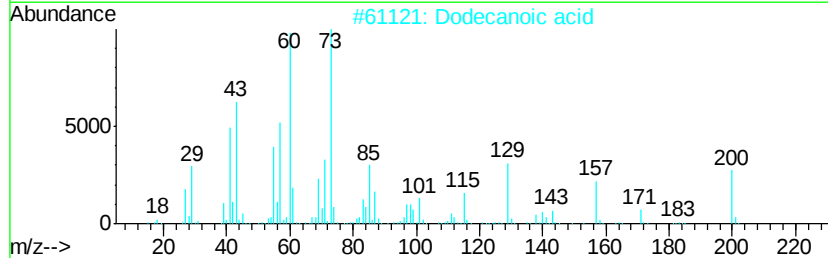
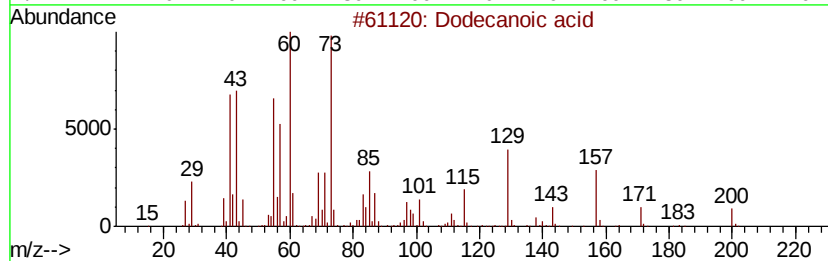
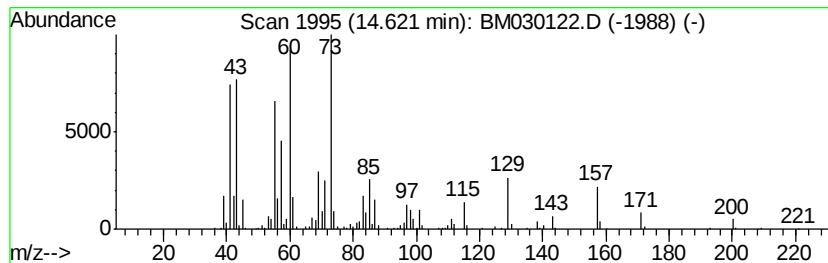
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	6.18 ng/ul	528691	Acenaphthene-d10	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2		Dodecanoic acid	200	C12H24O2	000143-07-7	91
3		Dodecanoic acid	200	C12H24O2	000143-07-7	91
4		Undecanoic acid	186	C11H22O2	000112-37-8	80
5		Dodecanoic acid	200	C12H24O2	000143-07-7	68



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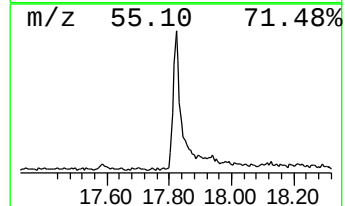
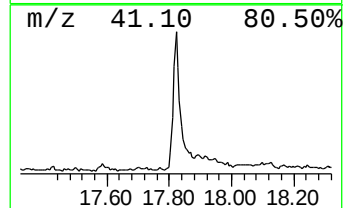
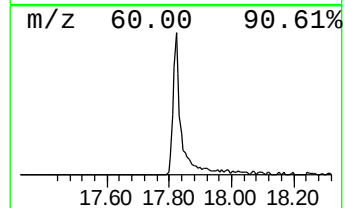
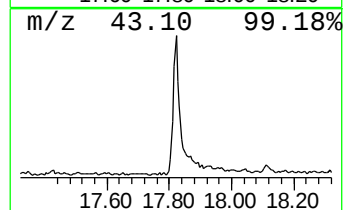
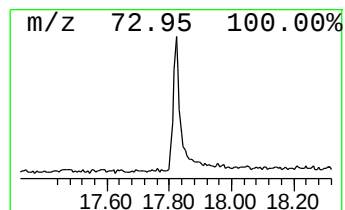
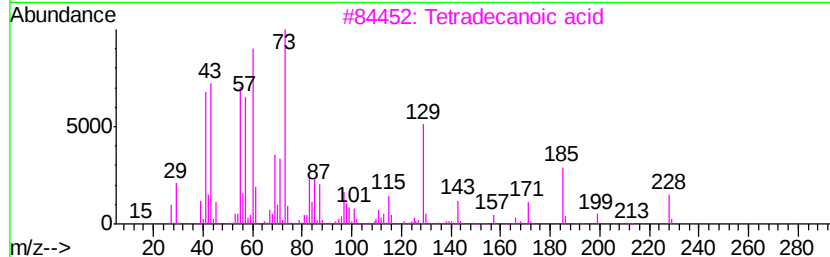
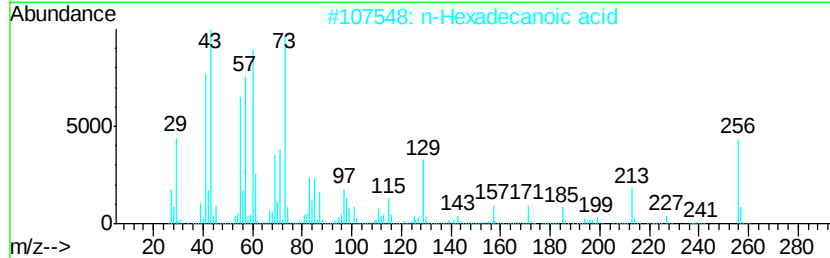
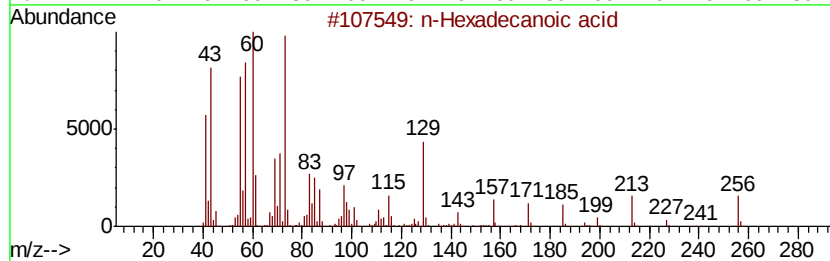
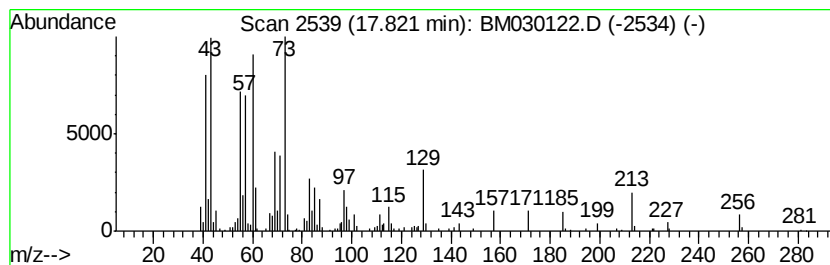
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.62 ng/ul	255772	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	Tetradecanoic acid	228	C14H28O2	000544-63-8	91	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83	



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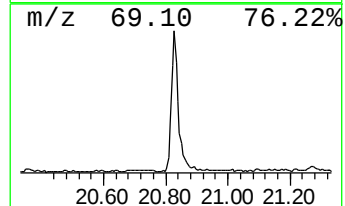
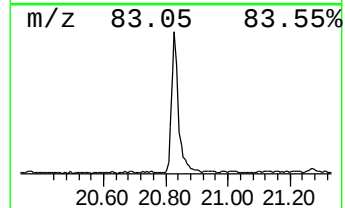
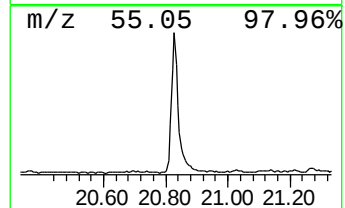
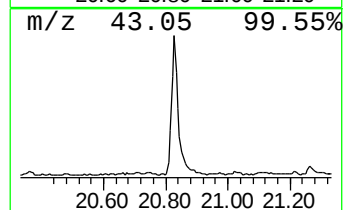
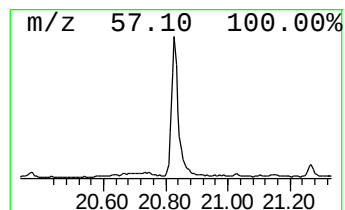
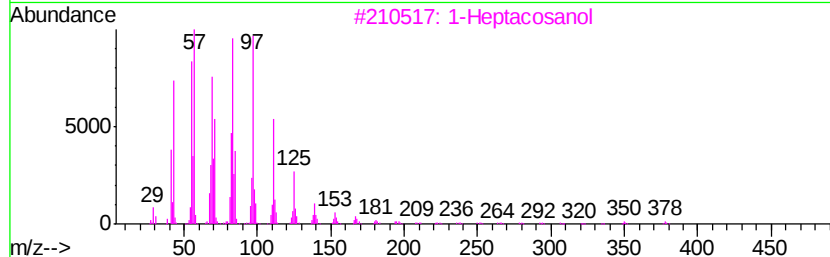
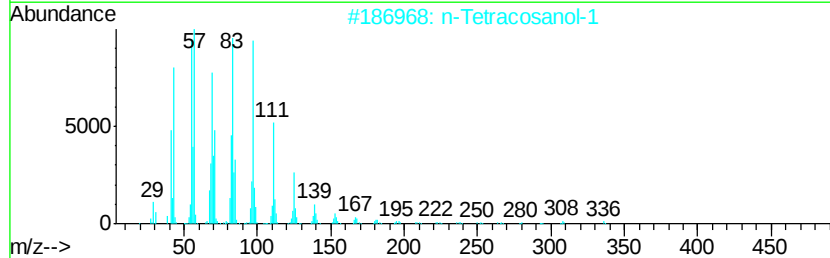
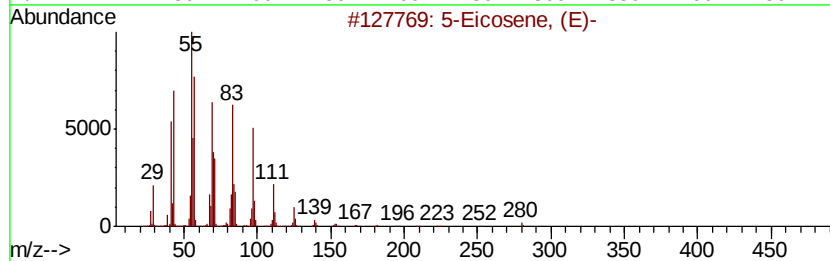
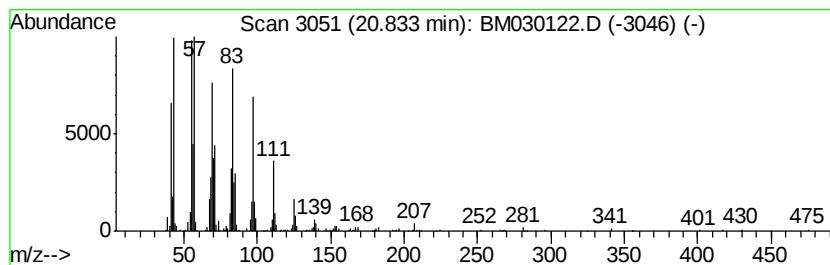
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	5.96 ng/ul	574206	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3		1-Heptacosanol	396	C27H56O	002004-39-9	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		1-Nonadecene	266	C19H38	018435-45-5	91



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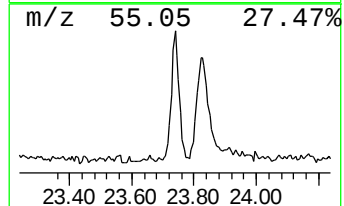
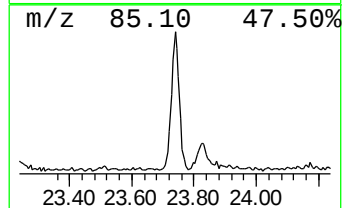
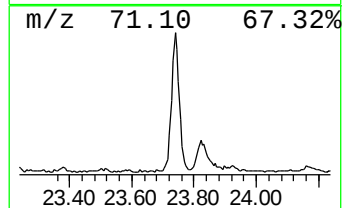
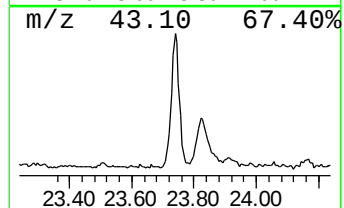
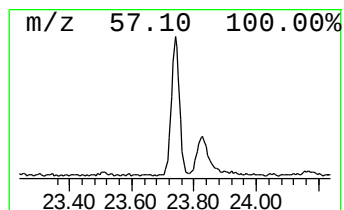
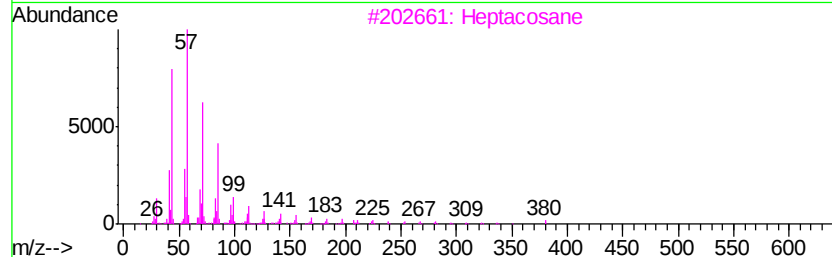
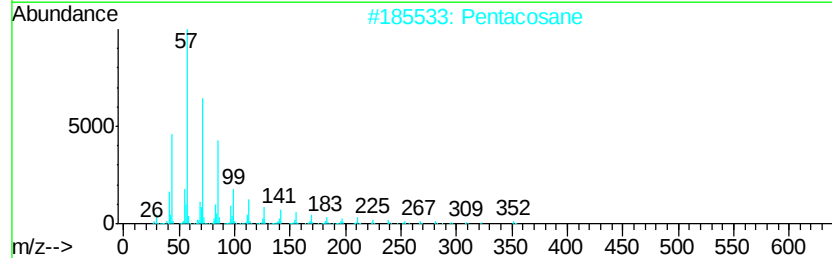
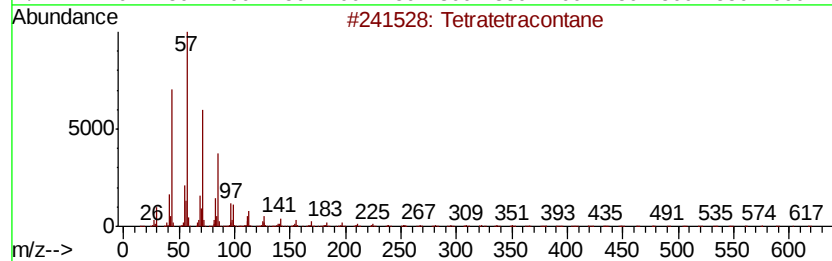
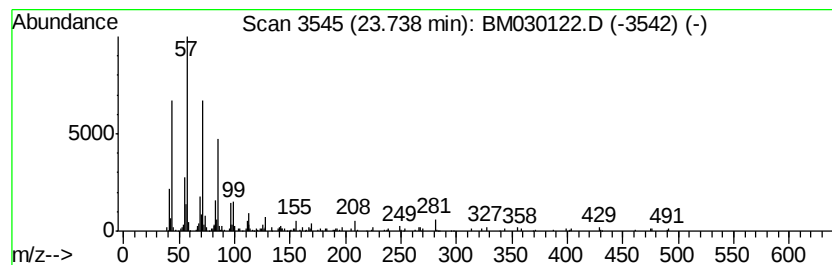
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.39 ng/ul	200993	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	81
2		Pentacosane	352	C25H52	000629-99-2	81
3		Heptacosane	380	C27H56	000593-49-7	81
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74
5		2-methyloctacosane	408	C29H60	1000376-72-8	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dodecanoic acid	14.62	6.2	ng/ul	528691	3	14.16	1712300	20.0
n-Hexadecanoic acid	17.82	2.6	ng/ul	255772	4	16.91	1954600	20.0
(DEL) Alkane: Str...	20.83	6.0	ng/ul	574206	5	21.10	1927410	20.0
(DEL) Alkane: Str...	23.74	2.4	ng/ul	200993	6	23.24	1682790	20.0