

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042421\
 Data File : BN014424.D
 Acq On : 25 Apr 2021 04:10
 Operator : CG/JU
 Sample : M2065-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG560

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_N\METHODS\SFAM-EPA-BN041521.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	3.617	88	90	102	rBV	109745	189050	5.98%	0.599%
2	6.852	634	640	654	rVB	405159	666979	21.11%	2.115%
3	7.022	664	669	684	rVB	332696	534123	16.91%	1.693%
4	7.216	696	702	714	rVB	439016	694150	21.97%	2.201%
5	7.681	775	781	790	rVB	462049	739292	23.40%	2.344%
6	8.381	894	900	909	rVB	503151	790940	25.04%	2.508%
7	8.828	970	976	987	rVB	443631	725402	22.96%	2.300%
8	9.546	1092	1098	1110	rVB	290136	482520	15.27%	1.530%
9	10.081	1183	1189	1196	rBV	534875	868118	27.48%	2.752%
10	10.458	1247	1253	1262	rVB	663349	1102273	34.89%	3.495%
11	10.593	1269	1276	1287	rBV	514103	851770	26.96%	2.700%
12	12.052	1521	1524	1528	rVB3	8870	11486	0.36%	0.036%
13	13.151	1709	1711	1716	rVB2	7207	9513	0.30%	0.030%
14	13.222	1720	1723	1730	rVB3	3397	4546	0.14%	0.014%
15	13.640	1791	1794	1799	rVB4	2673	3721	0.12%	0.012%
16	13.728	1803	1809	1814	rVV	1029597	1399167	44.29%	4.436%
17	13.775	1814	1817	1826	rVB	48471	65081	2.06%	0.206%
18	14.010	1849	1857	1864	rBV	1260718	1793339	56.77%	5.686%
19	14.234	1891	1895	1901	rVV3	4213	6035	0.19%	0.019%
20	14.322	1903	1910	1918	rVB	965193	1432790	45.35%	4.543%
21	14.510	1936	1942	1957	rBV	296031	435892	13.80%	1.382%
22	14.740	1977	1981	1985	rBV	19711	24007	0.76%	0.076%
23	15.187	2055	2057	2060	rVB3	2621	3198	0.10%	0.010%
24	15.316	2072	2079	2089	rVB	1546184	2141900	67.80%	6.791%
25	15.428	2093	2098	2110	rVV	208904	289168	9.15%	0.917%
26	15.551	2115	2119	2123	rBV2	11570	15583	0.49%	0.049%
27	16.098	2209	2212	2217	rVB4	3634	5632	0.18%	0.018%
28	16.316	2243	2249	2255	rBV2	8158	12145	0.38%	0.039%
29	16.469	2271	2275	2283	rVB3	3578	5670	0.18%	0.018%
30	16.816	2330	2334	2337	rBV2	4627	5785	0.18%	0.018%
31	16.851	2337	2340	2344	rVB3	3786	5501	0.17%	0.017%
32	17.069	2370	2377	2384	rBV	1182704	1683430	53.29%	5.337%
33	17.163	2387	2393	2401	rVV	1715487	2343077	74.17%	7.429%
34	17.263	2405	2410	2414	rVB2	15847	19855	0.63%	0.063%

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35	17.851	2504	2510	2517	rBV3	9552	17134	0.54%	0.054%
36	17.969	2525	2530	2541	rBV	138381	221906	7.02%	0.704%
37	18.539	2624	2627	2630	rBV4	4326	6542	0.21%	0.021%
38	18.598	2634	2637	2641	rVV6	3985	4199	0.13%	0.013%
39	18.645	2642	2645	2649	rVB3	5171	5912	0.19%	0.019%
40	18.863	2678	2682	2686	rBV4	3908	5265	0.17%	0.017%
41	19.004	2701	2706	2711	rBV5	7494	16022	0.51%	0.051%
42	19.098	2718	2722	2725	rBV	19722	29193	0.92%	0.093%
43	19.128	2725	2727	2737	rVB	14057	24246	0.77%	0.077%
44	19.257	2745	2749	2760	rBV	89990	138721	4.39%	0.440%
45	19.351	2760	2765	2770	rVB	20286	30851	0.98%	0.098%
46	19.463	2778	2784	2794	rBV	2294881	3056913	96.77%	9.692%
47	20.028	2878	2880	2884	rVB4	6689	6324	0.20%	0.020%
48	20.522	2959	2964	2968	rBV7	17393	28762	0.91%	0.091%
49	20.980	3038	3042	3050	rBV	109729	190441	6.03%	0.604%
50	21.257	3084	3089	3102	rBV	1657158	2228496	70.54%	7.065%
51	21.422	3115	3117	3122	rVB2	31620	34437	1.09%	0.109%
52	21.857	3188	3191	3196	rBV3	37514	56712	1.80%	0.180%
53	22.316	3265	3269	3274	rBV2	75944	110005	3.48%	0.349%
54	22.822	3351	3355	3361	rBV2	99128	141371	4.48%	0.448%
55	23.345	3437	3444	3449	rBV	1758701	3159094	100.00%	10.016%
56	23.486	3461	3468	3480	rVB2	1149426	2145334	67.91%	6.802%
57	24.027	3556	3560	3567	rVB	126713	219100	6.94%	0.695%
58	24.774	3681	3687	3696	rVB	127417	303179	9.60%	0.961%

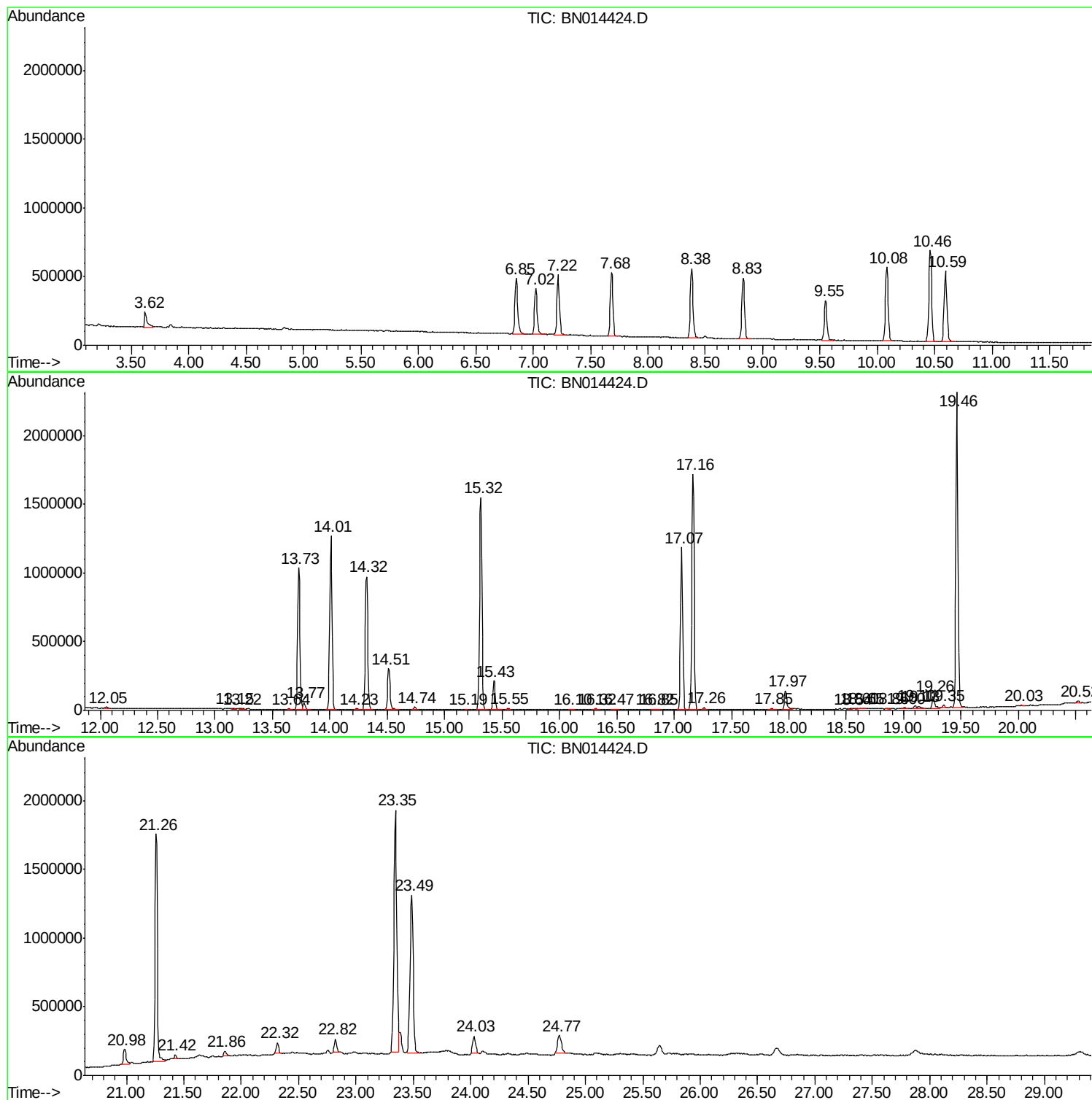
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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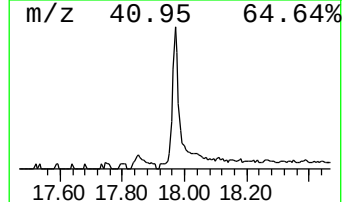
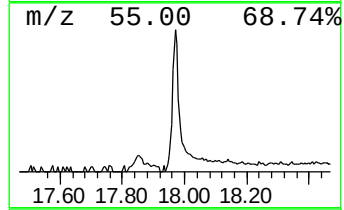
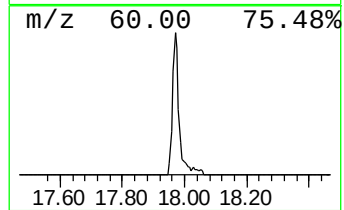
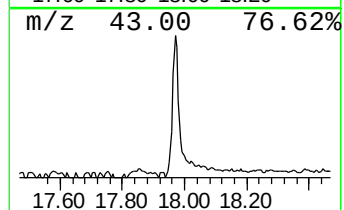
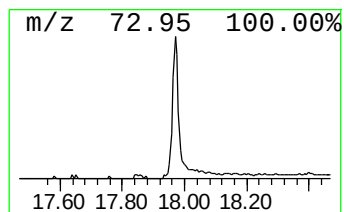
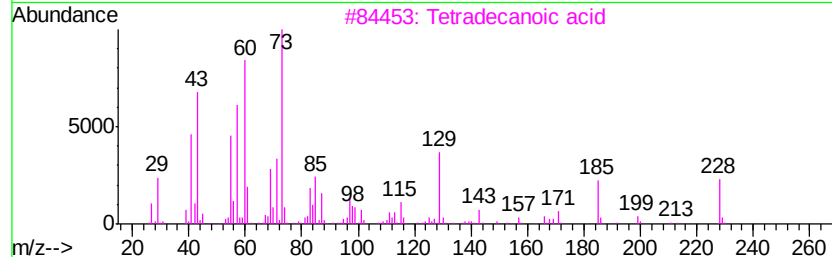
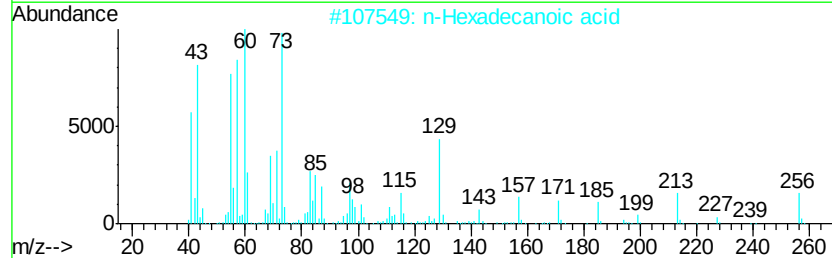
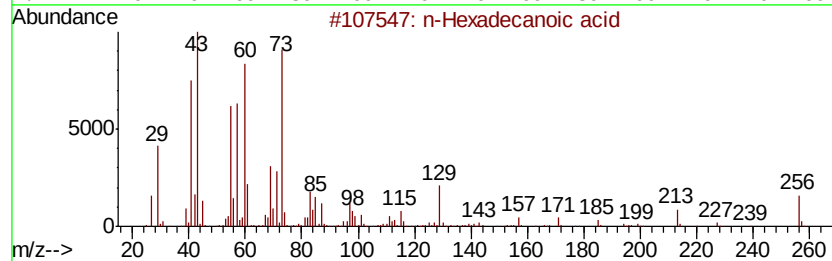
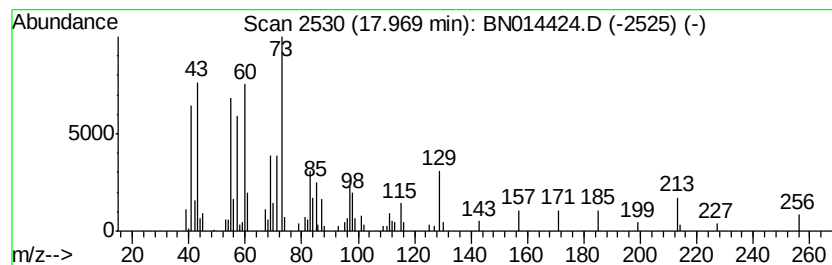
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.97	2.64 ng/ul	221906	Phenanthrene-d10		17.07	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64	
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	18	



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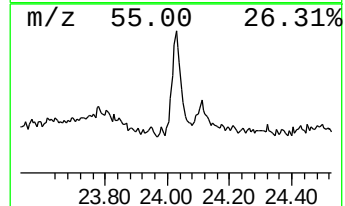
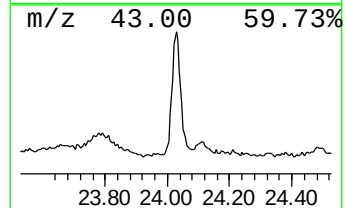
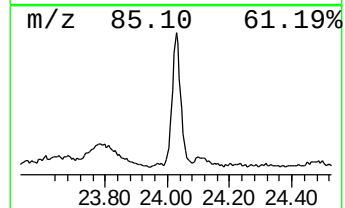
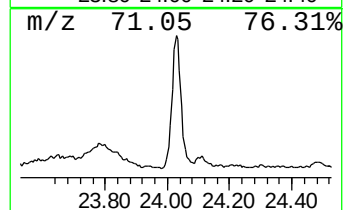
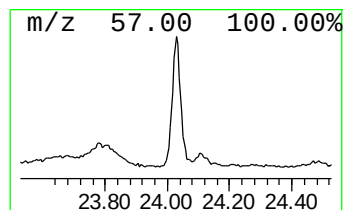
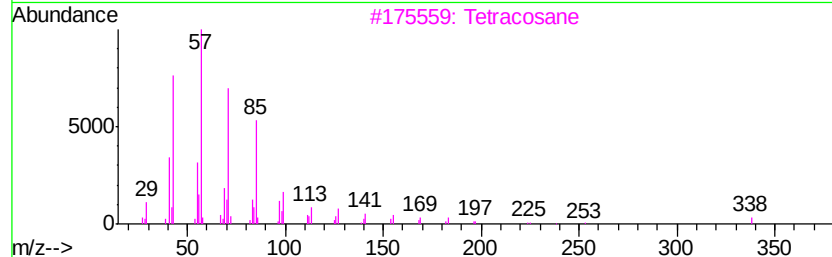
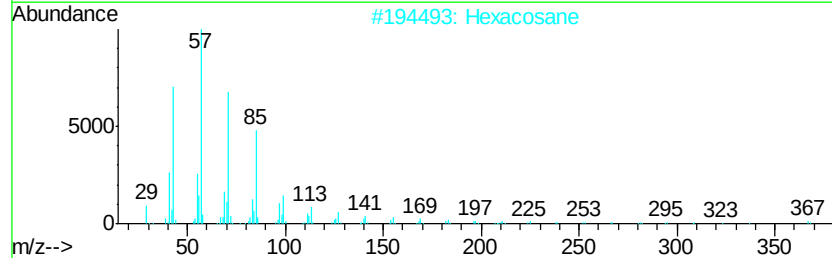
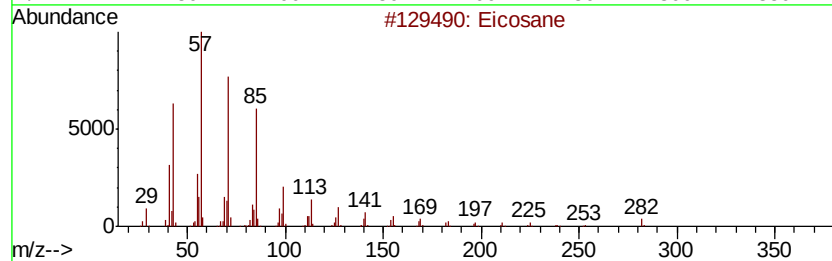
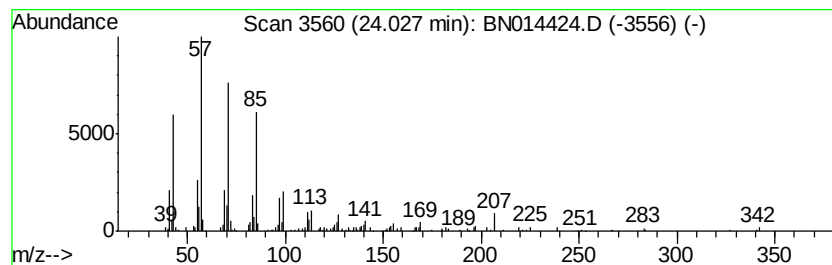
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	2.04 ng/ul	219100	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Hexacosane	366	C26H54	000630-01-3	87
3		Tetracosane	338	C24H50	000646-31-1	87
4		Docosane, 11-decyl-	451	C32H66	055401-55-3	86
5		2-methyltetracosane	352	C25H52	1000376-72-6	86



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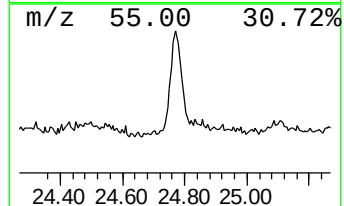
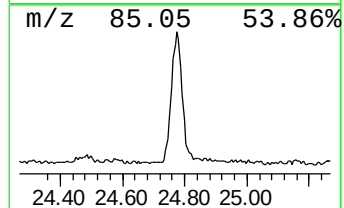
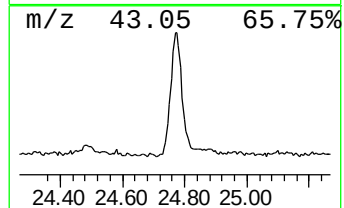
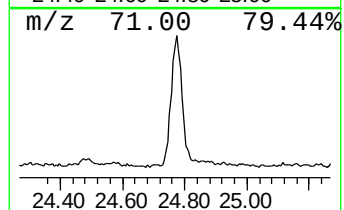
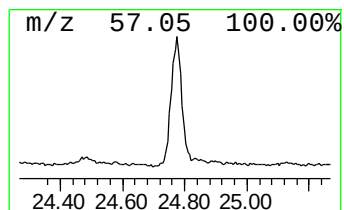
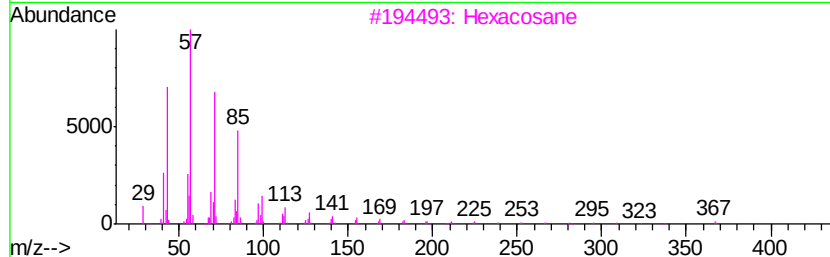
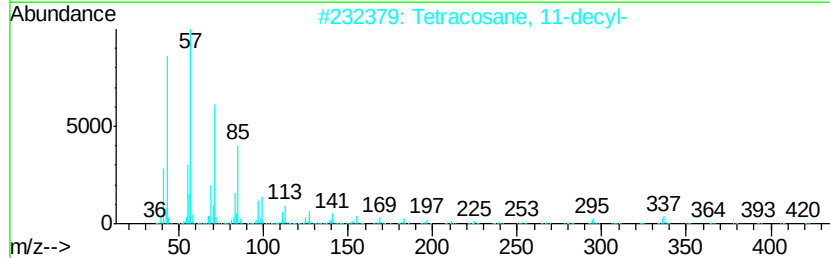
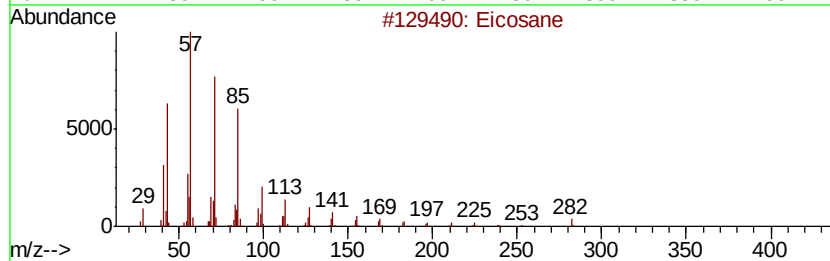
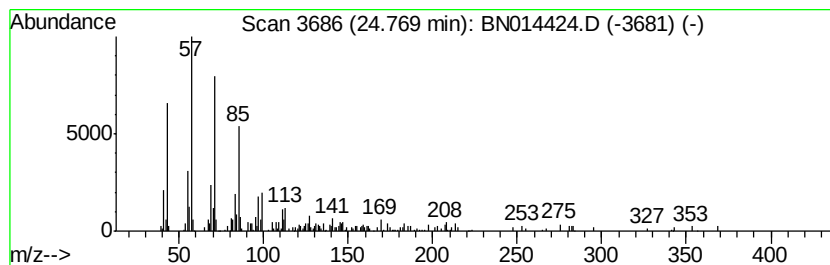
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.77	2.83 ng/ul	303179	Perylene-d12	23.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.97	2.6	ng/ul	221906	4	17.07	1683430	20.0
(DEL) Alkane: Str...	24.03	2.0	ng/ul	219100	6	23.49	2145330	20.0
(DEL) Alkane: Str...	24.77	2.8	ng/ul	303179	6	23.49	2145330	20.0