

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021668.D
 Acq On : 26 Jul 2019 11:00
 Operator : HP/JU
 Sample : K3893-21
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP32

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\SOM-EPA-BM072319MA.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	6.875	655	661	673	rVB	514263	879949	16.63%	1.850%
2	7.045	685	690	702	rVB	368561	607888	11.49%	1.278%
3	7.228	716	721	731	rVB	548542	899727	17.01%	1.891%
4	7.692	795	800	809	rVB	432420	695530	13.15%	1.462%
5	8.404	915	921	934	rVB	706432	1181016	22.33%	2.482%
6	8.863	992	999	1009	rVB	542050	937053	17.71%	1.970%
7	9.575	1113	1120	1131	rVB	471945	778924	14.72%	1.637%
8	10.104	1203	1210	1220	rBV	755504	1339320	25.32%	2.815%
9	10.475	1266	1273	1285	rVB	695521	1167674	22.07%	2.454%
10	10.633	1293	1300	1316	rBV	633796	1245126	23.54%	2.617%
11	12.027	1533	1537	1541	rBV2	9082	14769	0.28%	0.031%
12	12.080	1542	1546	1555	rVB3	10304	18206	0.34%	0.038%
13	12.939	1687	1692	1697	rVB3	4908	6806	0.13%	0.014%
14	13.757	1825	1831	1836	rBV	1547627	2128450	40.24%	4.474%
15	13.804	1836	1839	1850	rVB	350948	482025	9.11%	1.013%
16	14.033	1871	1878	1890	rVB	1867334	2629882	49.72%	5.528%
17	14.339	1923	1930	1941	rBV	1279760	1873443	35.42%	3.938%
18	14.568	1963	1969	1988	rBV2	348601	760672	14.38%	1.599%
19	15.339	2093	2100	2110	rBV	2383383	3376835	63.84%	7.098%
20	15.480	2118	2124	2136	rBV	371524	558653	10.56%	1.174%
21	15.580	2136	2141	2146	rVB	24105	32190	0.61%	0.068%
22	16.127	2229	2234	2236	rBV3	5844	7760	0.15%	0.016%
23	16.874	2359	2361	2368	rVB4	6085	9131	0.17%	0.019%
24	17.092	2392	2398	2408	rBV2	1780127	2455204	46.41%	5.161%
25	17.192	2409	2415	2427	rBV2	2724701	3875365	73.26%	8.146%
26	17.868	2525	2530	2534	rBV6	7677	12969	0.25%	0.027%
27	17.986	2545	2550	2560	rBV	189401	298691	5.65%	0.628%
28	18.903	2704	2706	2710	rBV5	5674	6281	0.12%	0.013%
29	19.127	2740	2744	2748	rBV	31209	42289	0.80%	0.089%
30	19.268	2764	2768	2781	rBV2	83065	141231	2.67%	0.297%
31	19.380	2783	2787	2791	rVV	23395	34364	0.65%	0.072%
32	19.492	2800	2806	2815	rBV	3805004	5073539	95.91%	10.664%
33	20.521	2979	2981	2986	rBV4	20526	20996	0.40%	0.044%
34	20.991	3057	3061	3071	rBV3	123557	222018	4.20%	0.467%

LSC Area Percent Report

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35	21.286	3106	3111	3122	rBV	2549478	3374308	63.79%	7.092%
36	21.427	3132	3135	3139	rBV2	62810	70308	1.33%	0.148%
37	21.856	3205	3208	3212	rBV	166259	201318	3.81%	0.423%
38	22.321	3284	3287	3291	rVB	177977	219217	4.14%	0.461%
39	22.827	3368	3373	3379	rVB	661966	940974	17.79%	1.978%
40	23.391	3462	3469	3480	rVB	2968950	5289914	100.00%	11.119%
41	23.533	3486	3493	3507	rVB2	1594537	3057258	57.79%	6.426%
42	24.027	3573	3577	3585	rVB	346983	609297	11.52%	1.281%

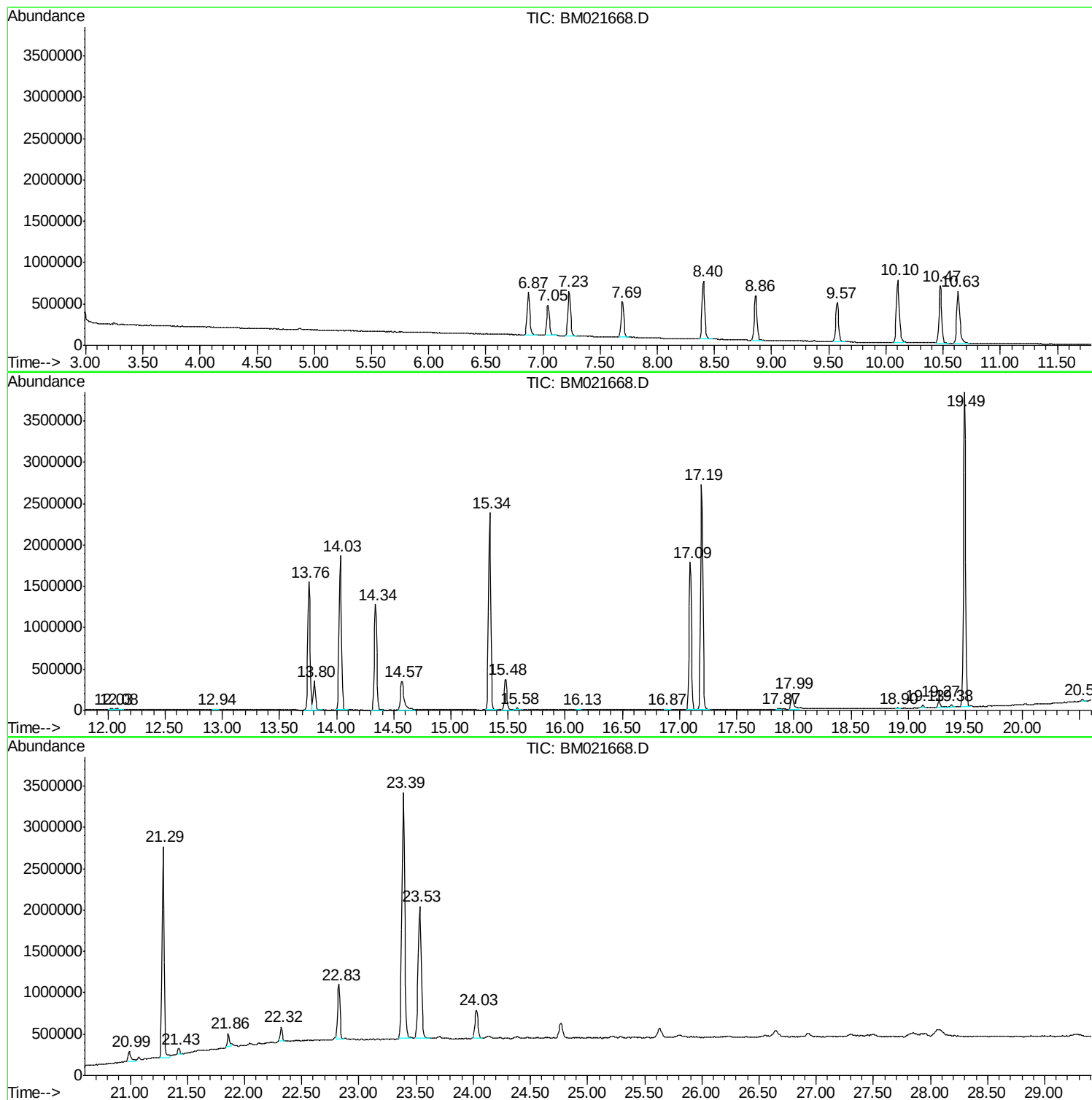
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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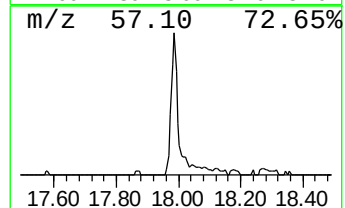
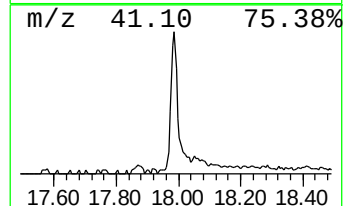
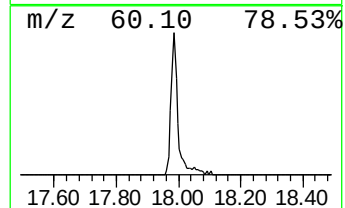
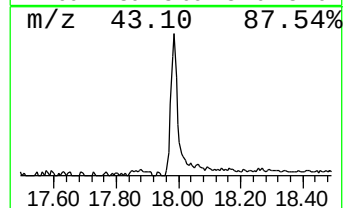
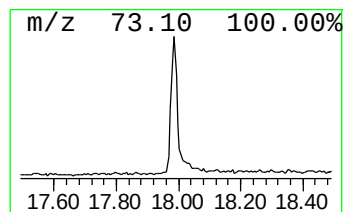
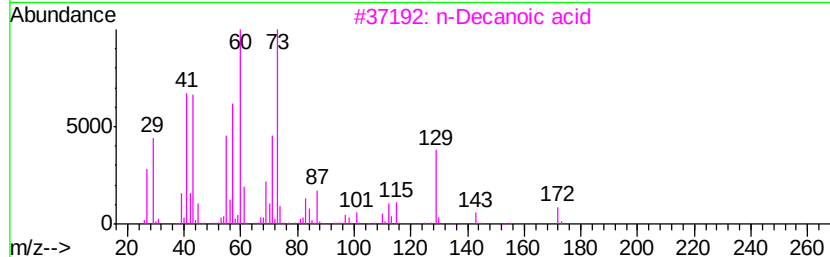
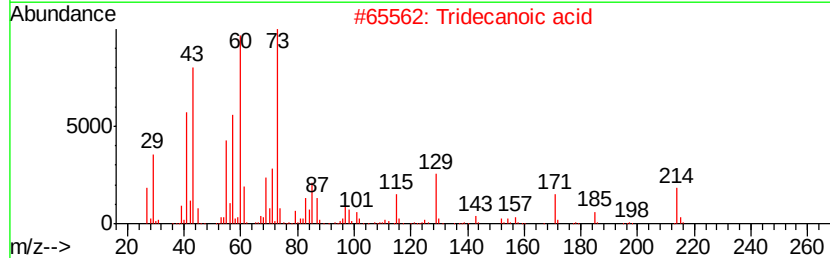
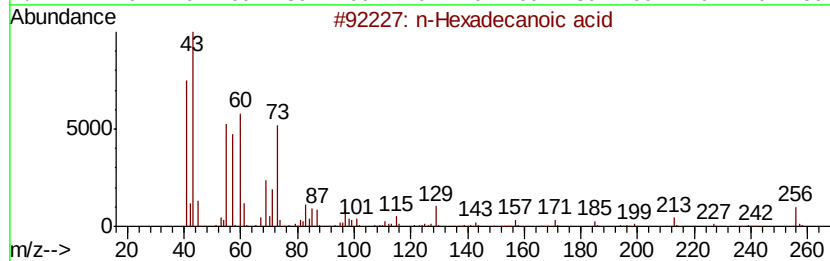
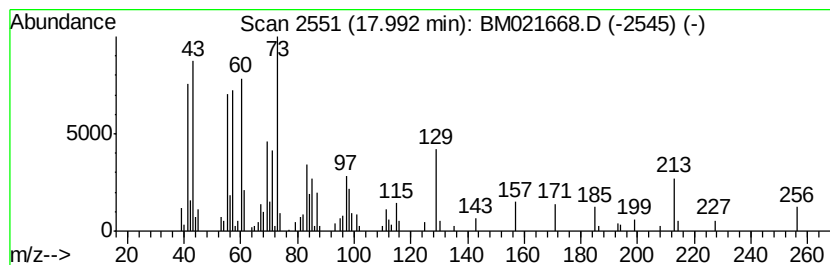
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.43 ng/ul	298691	Phenanthrene-d10	17.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 90
2		Tridecanoic acid	214 C13H26O2	000638-53-9 87
3		n-Decanoic acid	172 C10H20O2	000334-48-5 59
4		Pentadecanoic acid	242 C15H30O2	001002-84-2 59
5		Dodecanoic acid	200 C12H24O2	000143-07-7 43



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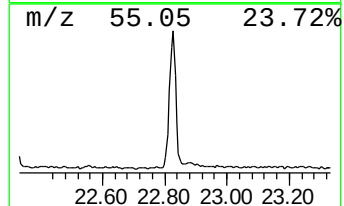
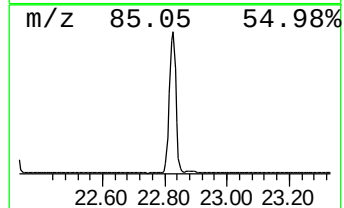
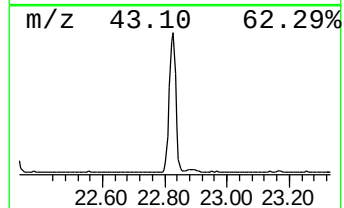
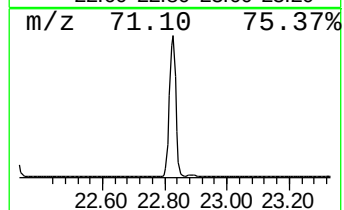
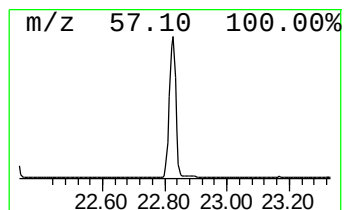
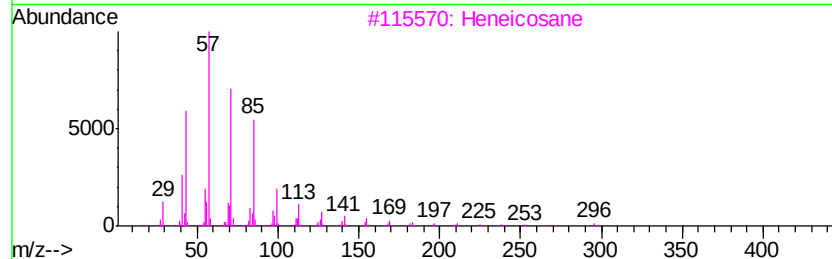
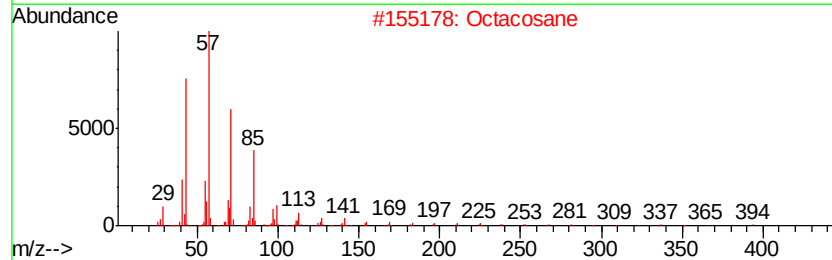
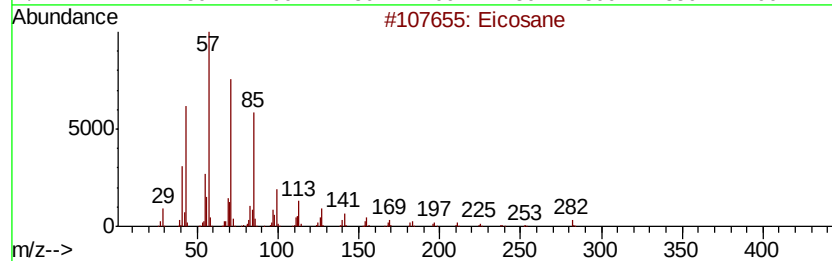
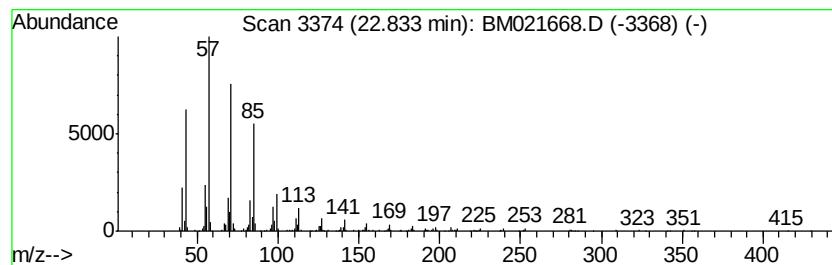
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	6.16 ng/ul	940974	Perylene-d12	23.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	91



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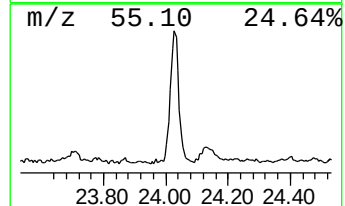
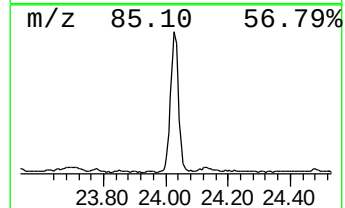
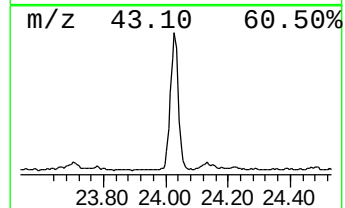
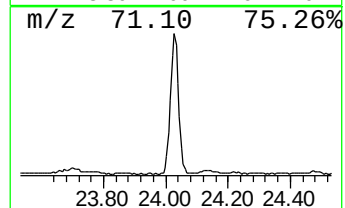
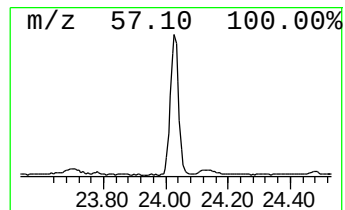
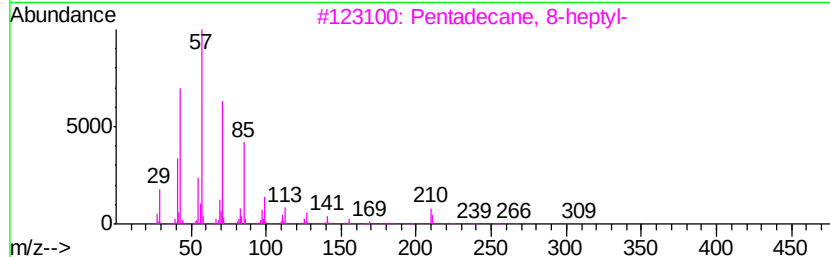
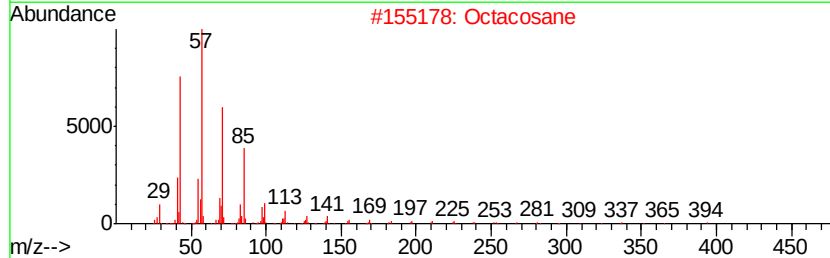
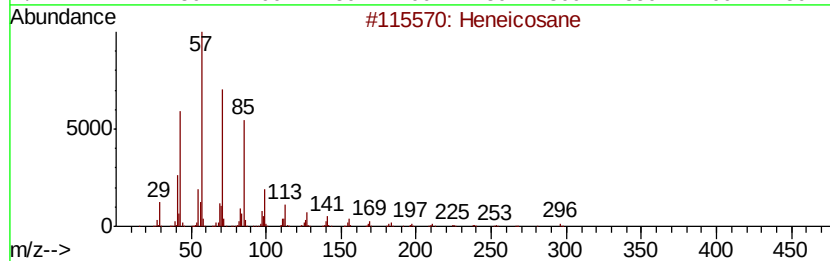
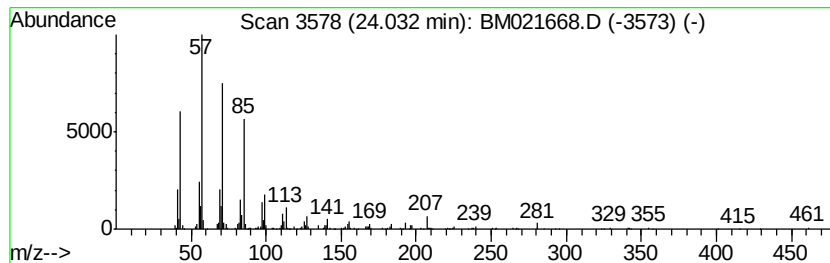
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	3.99 ng/ul	609297	Perylene-d12	23.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Tetracosane	338	C24H50	000646-31-1	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	2.4	ng/ul	298691	4	17.09	2455200	20.0
(DEL) Alkane: Str...	22.83	6.2	ng/ul	940974	6	23.53	3057260	20.0
(DEL) Alkane: Str...	24.03	4.0	ng/ul	609297	6	23.53	3057260	20.0