

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052119\
 Data File : BN005849.D
 Acq On : 22 May 2019 06:34
 Operator : JU/SJ
 Sample : K2862-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFHJ3

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\SOM-EPA-BN051819MA.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	6.769	639	643	660	rVB	56446	141102	4.52%	0.610%
2	6.911	662	667	679	rVB	178335	310316	9.95%	1.342%
3	7.105	695	700	713	rVB	215706	409171	13.11%	1.770%
4	7.563	772	778	786	rBV	233603	438273	14.05%	1.895%
5	8.281	895	900	915	rVB2	174728	354552	11.36%	1.533%
6	8.716	968	974	990	rVB	241965	475251	15.23%	2.055%
7	9.434	1090	1096	1109	rVB	181508	353204	11.32%	1.527%
8	9.987	1184	1190	1214	rBV	151906	524974	16.83%	2.270%
9	10.322	1241	1247	1257	rVB	349312	594103	19.04%	2.569%
10	13.622	1801	1808	1824	rBV	623454	1069748	34.28%	4.626%
11	13.893	1847	1854	1868	rBV	775228	1177310	37.73%	5.091%
12	14.198	1900	1906	1918	rBV2	567506	873258	27.99%	3.777%
13	14.516	1954	1960	1963	rBV5	12165	25850	0.83%	0.112%
14	15.204	2071	2077	2090	rBV	966046	1606249	51.48%	6.946%
15	15.375	2101	2106	2117	rBV	128067	264020	8.46%	1.142%
16	15.457	2117	2120	2130	rVB4	12645	22056	0.71%	0.095%
17	16.757	2337	2341	2345	rVB2	2729	3439	0.11%	0.015%
18	16.957	2369	2375	2384	rBV2	823455	1151490	36.90%	4.980%
19	17.063	2386	2393	2412	rVB	1160076	1911334	61.26%	8.266%
20	17.881	2526	2532	2555	rBV	355020	687353	22.03%	2.973%
21	18.139	2573	2576	2579	rVB4	2800	3177	0.10%	0.014%
22	18.269	2595	2598	2600	rBV2	2381	3478	0.11%	0.015%
23	18.569	2645	2649	2654	rBV3	2608	3798	0.12%	0.016%
24	19.016	2719	2725	2729	rBV2	12860	19180	0.61%	0.083%
25	19.051	2729	2731	2734	rBV4	5647	6661	0.21%	0.029%
26	19.175	2747	2752	2764	rBV	474490	824791	26.43%	3.567%
27	19.375	2780	2786	2799	rVB	1776617	2603273	83.43%	11.258%
28	19.710	2840	2843	2844	rBV2	3323	3602	0.12%	0.016%
29	20.410	2960	2962	2964	rBV2	3101	3589	0.12%	0.016%
30	21.198	3090	3096	3109	rBV	1016943	1611593	51.65%	6.970%
31	21.357	3120	3123	3127	rVB3	10569	11750	0.38%	0.051%
32	21.780	3192	3195	3199	rBV2	26893	32235	1.03%	0.139%
33	22.233	3269	3272	3277	rVB	53315	64170	2.06%	0.278%
34	22.357	3290	3293	3301	rVB3	30324	44264	1.42%	0.191%

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35	22.727	3352	3356	3362	rVB	81369	111242	3.57%	0.481%
36	23.257	3439	3446	3462	rBV	1613972	3120179	100.00%	13.494%
37	23.398	3463	3470	3484	rVB	774210	1637061	52.47%	7.080%
38	23.892	3549	3554	3561	rVB	103413	180216	5.78%	0.779%
39	24.610	3670	3676	3683	rVB3	85267	181392	5.81%	0.784%
40	25.439	3811	3817	3825	rVB2	63800	150141	4.81%	0.649%
41	26.415	3979	3983	3990	rVB5	48390	114377	3.67%	0.495%

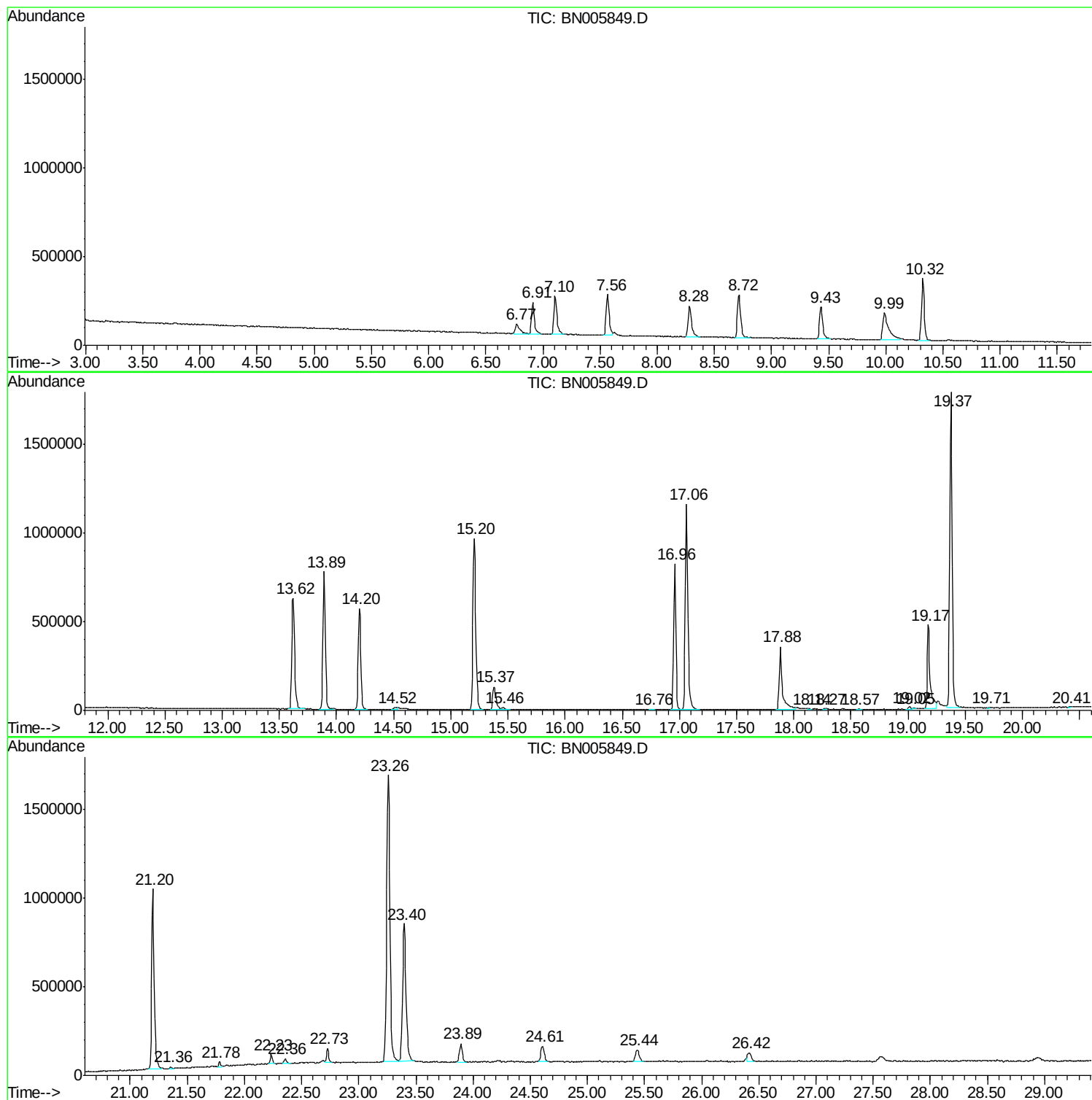
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Quant Title : SVOA CALIBRATION

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



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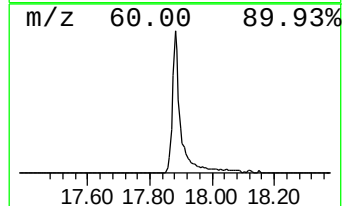
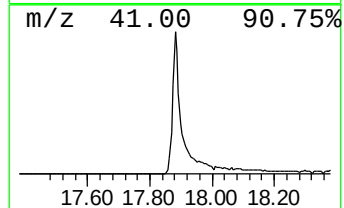
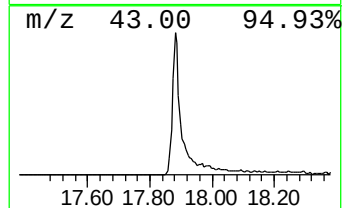
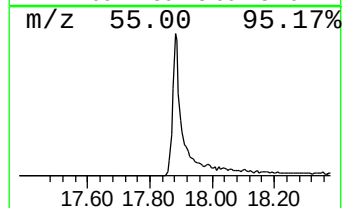
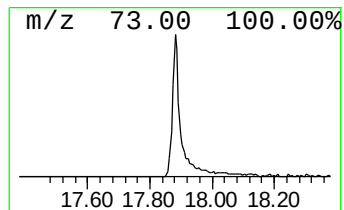
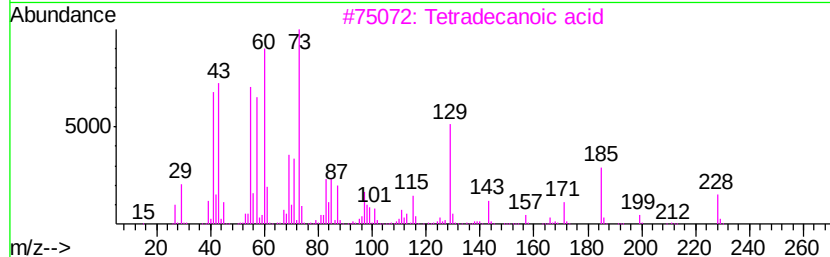
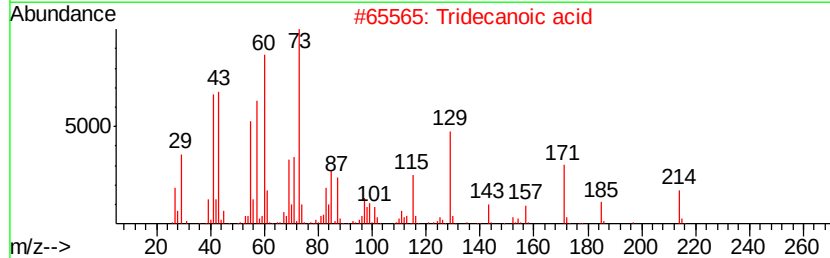
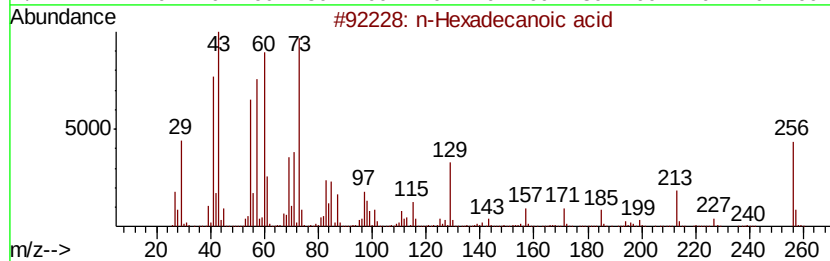
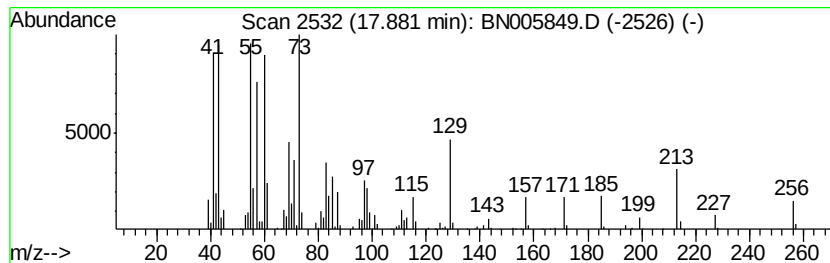
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.88	11.94 ng/ul	687353	Phenanthrene-d10	16.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4		Tridecanoic acid	214	C13H26O2	000638-53-9	72
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70



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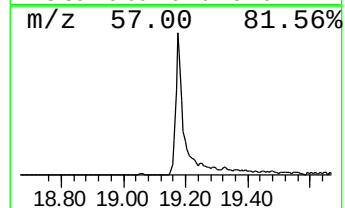
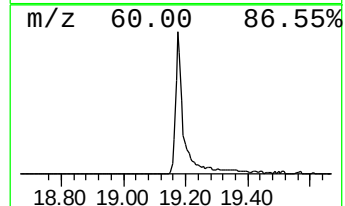
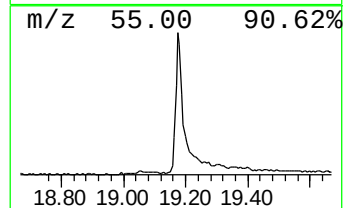
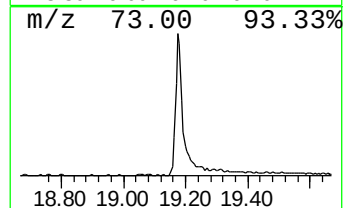
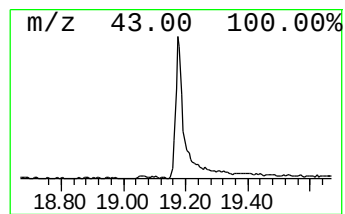
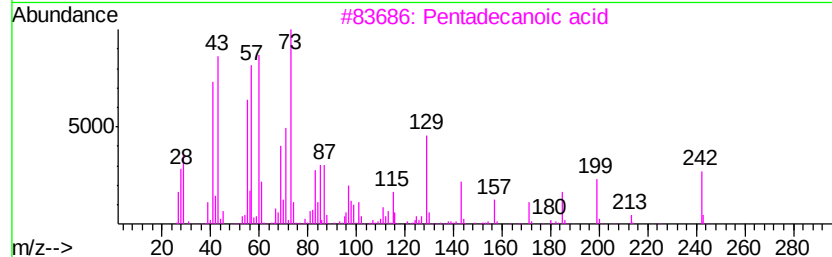
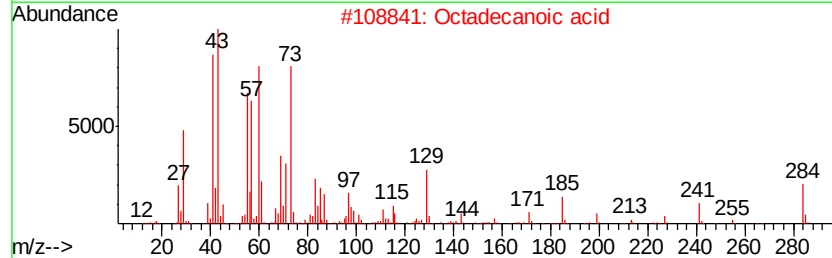
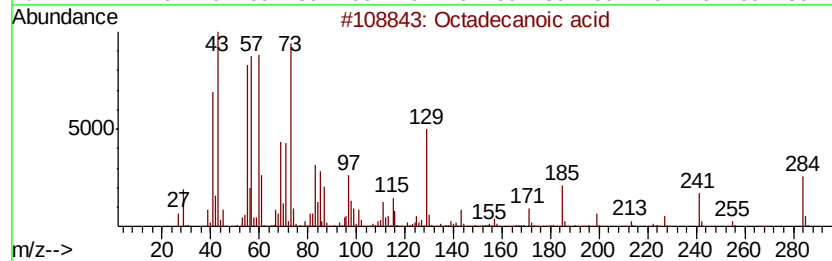
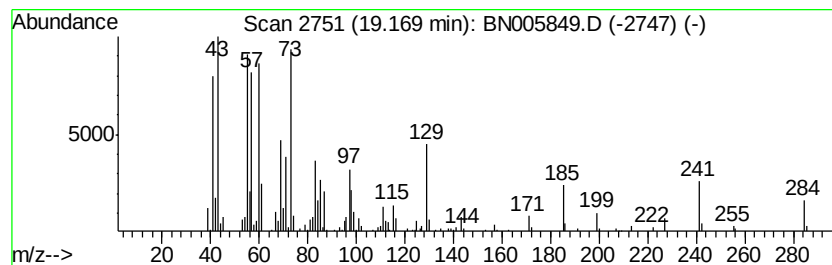
Instrument :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.17	10.24 ng/ul	824791	Chrysene-d12		21.20	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	99
2	Octadecanoic acid		284	C18H36O2	000057-11-4	96
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	92
4	Octadecanoic acid		284	C18H36O2	000057-11-4	87
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	68



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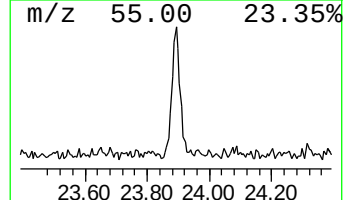
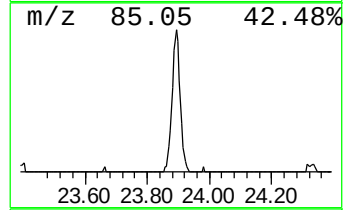
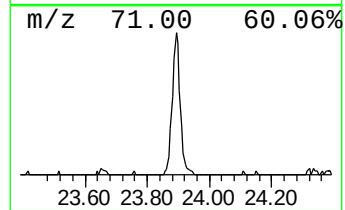
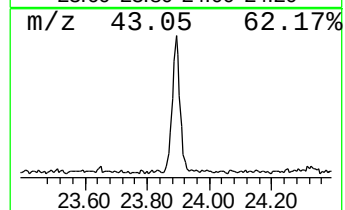
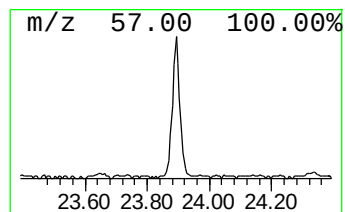
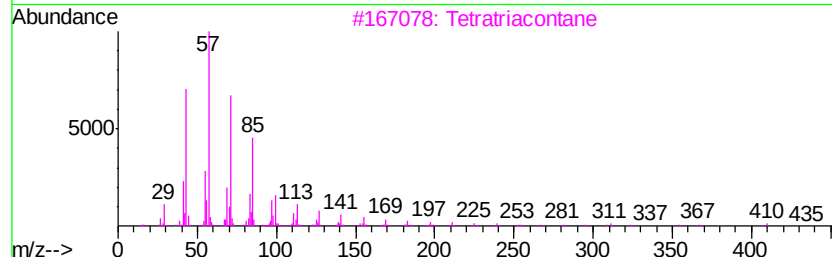
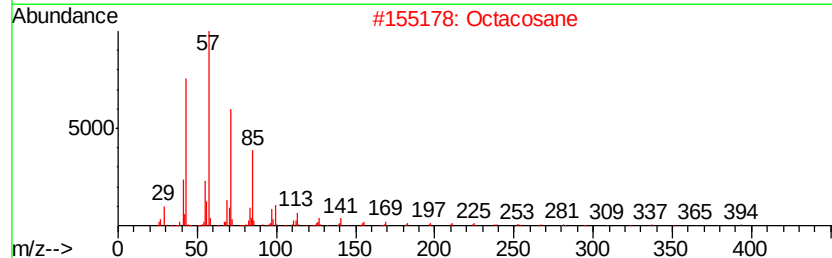
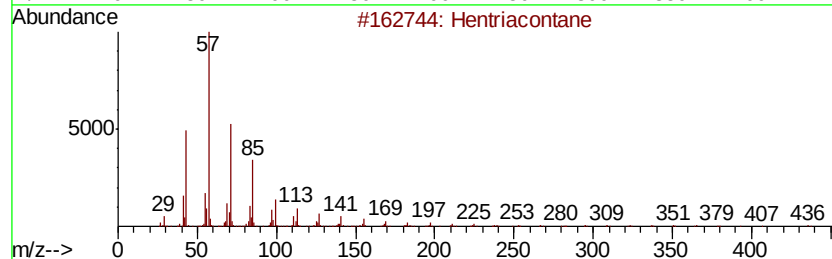
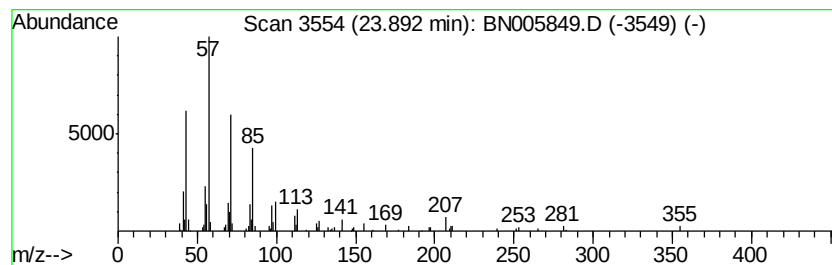
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	2.20 ng/ul	180216	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Tetratriacontane	479	C34H70	014167-59-0	90
4		Nonacosane	408	C29H60	000630-03-5	90
5		Hexatriacontane	507	C36H74	000630-06-8	90



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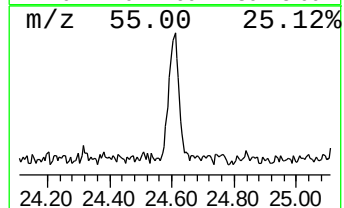
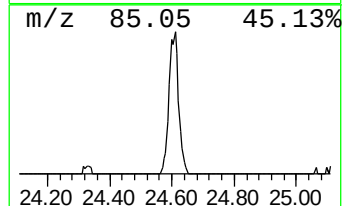
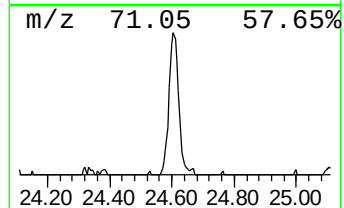
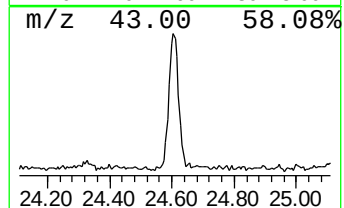
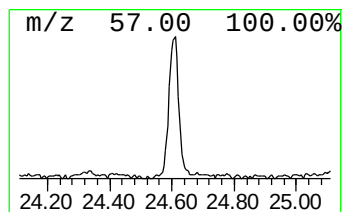
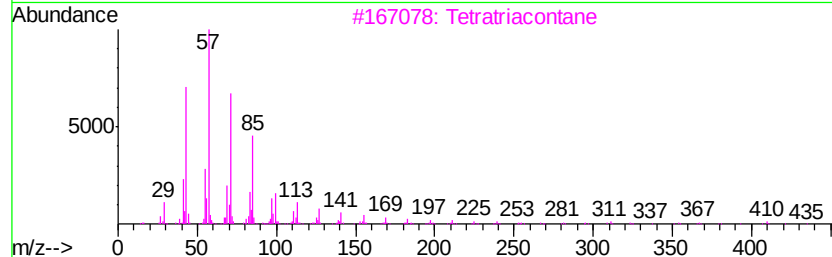
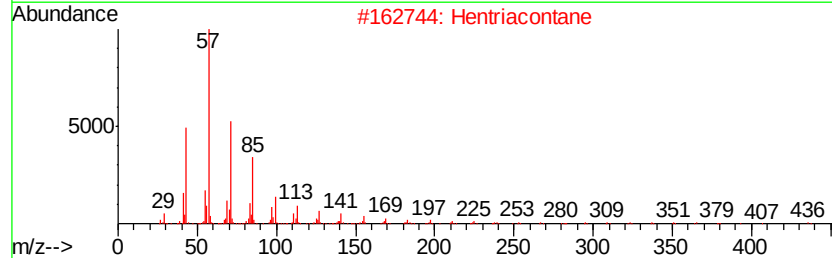
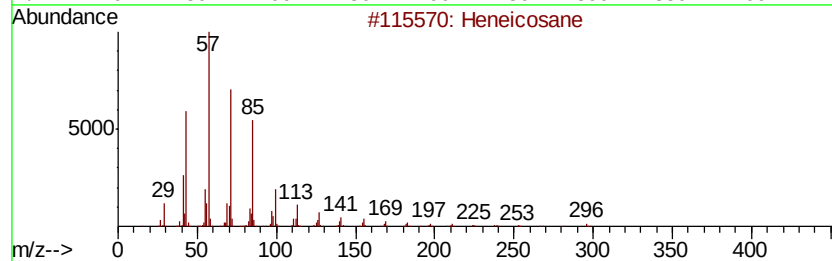
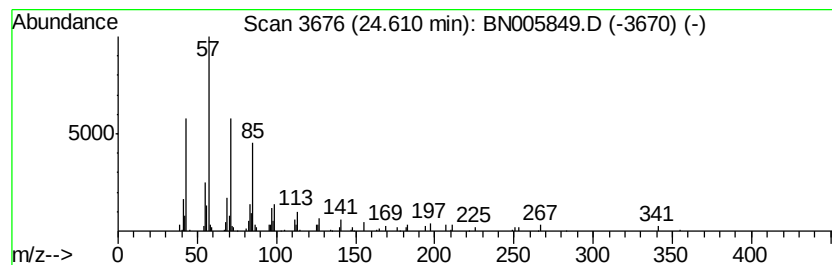
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.61	2.22 ng/ul	181392	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Tetratriacontane	479	C34H70	014167-59-0	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
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
n-Hexadecanoic acid	17.88	11.9	ng/ul	687353	4	16.96	1151490	20.0
Octadecanoic acid	19.17	10.2	ng/ul	824791	5	21.20	1611590	20.0
(DEL) Alkane: Str...	23.89	2.2	ng/ul	180216	6	23.40	1637060	20.0
(DEL) Alkane: Str...	24.61	2.2	ng/ul	181392	6	23.40	1637060	20.0