

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
 Data File : BN002513.D
 Acq On : 24 Aug 2018 22:20
 Operator : JU/SJ
 Sample : J4628-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB3G0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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-BN081318MA.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	6.852	651	657	673	rVB	637234	1188777	18.58%	2.143%
2	7.010	679	684	697	rVB	535076	835121	13.05%	1.506%
3	7.204	712	717	727	rVB	622466	1056912	16.52%	1.906%
4	7.669	790	796	805	rVB	512204	838987	13.11%	1.513%
5	8.375	910	916	926	rBV	822276	1375335	21.49%	2.480%
6	8.816	985	991	1001	rBV	706353	1180975	18.45%	2.129%
7	9.534	1106	1113	1125	rVB	588333	993094	15.52%	1.791%
8	10.069	1197	1204	1219	rBV	834333	1478967	23.11%	2.667%
9	10.440	1260	1267	1276	rVB	816267	1349252	21.08%	2.433%
10	10.581	1284	1291	1308	rBV	747864	1337631	20.90%	2.412%
11	13.716	1817	1824	1828	rBV	1904276	2632459	41.14%	4.746%
12	13.763	1828	1832	1840	rVB	708253	966351	15.10%	1.742%
13	13.992	1864	1871	1882	rBV	2119566	3076096	48.07%	5.546%
14	14.298	1915	1923	1932	rBV2	1223265	1906625	29.79%	3.438%
15	14.516	1953	1960	1969	rBV	770286	1320244	20.63%	2.380%
16	15.298	2086	2093	2100	rBV	2742923	3886256	60.73%	7.007%
17	15.428	2109	2115	2130	rBV	932151	1317538	20.59%	2.376%
18	17.051	2384	2391	2399	rVB	1727706	2427961	37.94%	4.378%
19	17.151	2401	2408	2418	rBV	3097478	4487335	70.12%	8.091%
20	17.957	2539	2545	2554	rBV	149866	267179	4.18%	0.482%
21	19.451	2792	2799	2806	rBV	3857665	5438867	84.99%	9.806%
22	20.010	2889	2894	2899	rBV	59643	73484	1.15%	0.132%
23	20.504	2973	2978	2982	rBV	106613	131435	2.05%	0.237%
24	20.974	3053	3058	3084	rBV4	232620	922934	14.42%	1.664%
25	21.245	3099	3104	3110	rBV	2499816	3151852	49.25%	5.683%
26	21.410	3128	3132	3136	rBV	181526	204764	3.20%	0.369%
27	21.839	3201	3205	3209	rBV	184516	222612	3.48%	0.401%
28	21.880	3209	3212	3222	rVB	42147	92535	1.45%	0.167%
29	22.298	3278	3283	3289	rBV	186498	251051	3.92%	0.453%
30	22.421	3300	3304	3308	rVB	122249	157559	2.46%	0.284%
31	22.792	3363	3367	3372	rBV	196206	291049	4.55%	0.525%
32	23.327	3450	3458	3469	rBV	3334301	6399380	100.00%	11.538%
33	23.462	3474	3481	3492	rVB	1726015	3252663	50.83%	5.865%
34	23.986	3564	3570	3577	rVB	193668	363158	5.67%	0.655%

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35	24.709	3688	3693	3701	rBV	159508	333271	5.21%	0.601%
36	25.556	3833	3837	3849	rVB3	98633	253274	3.96%	0.457%

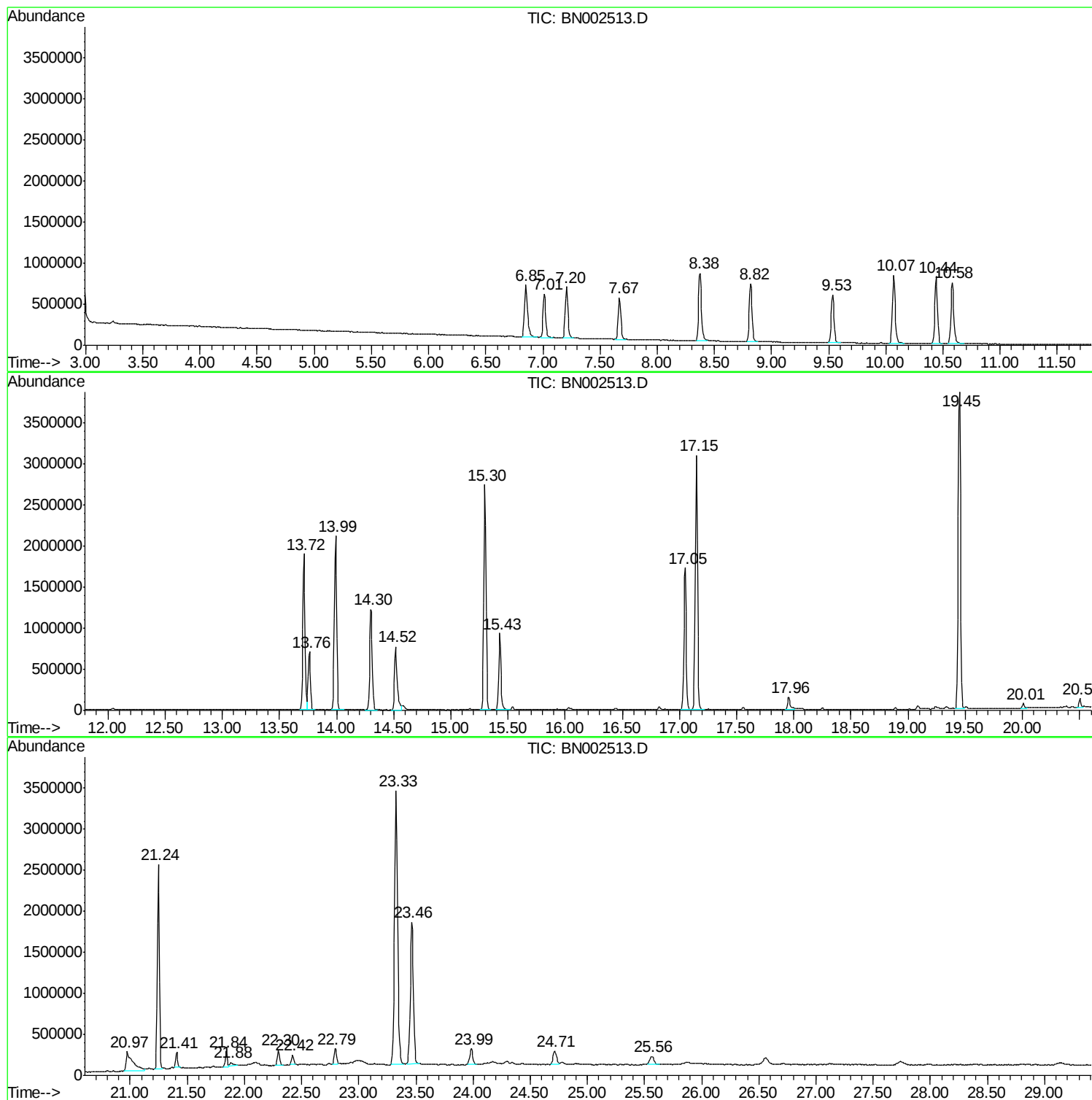
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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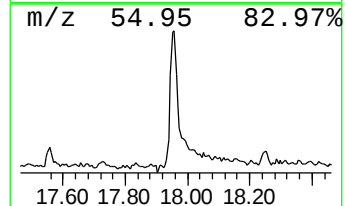
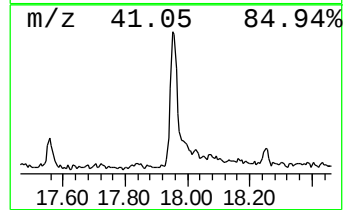
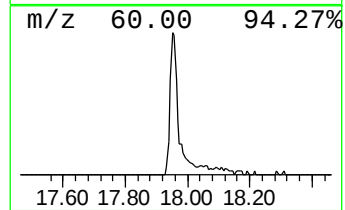
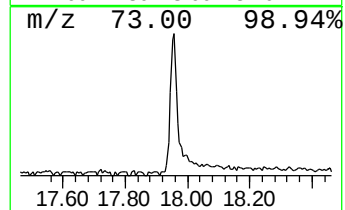
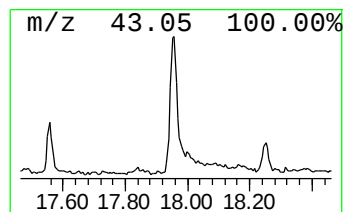
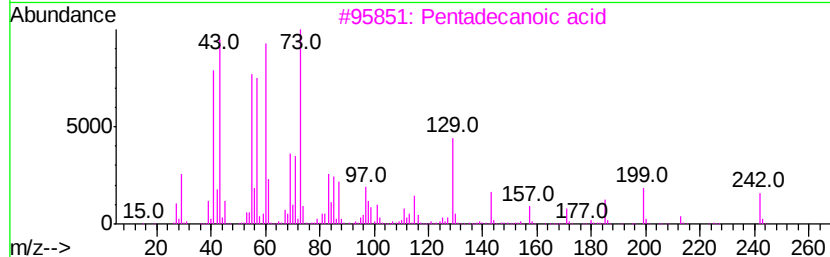
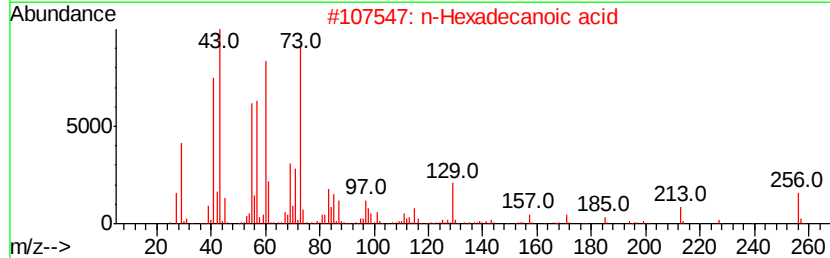
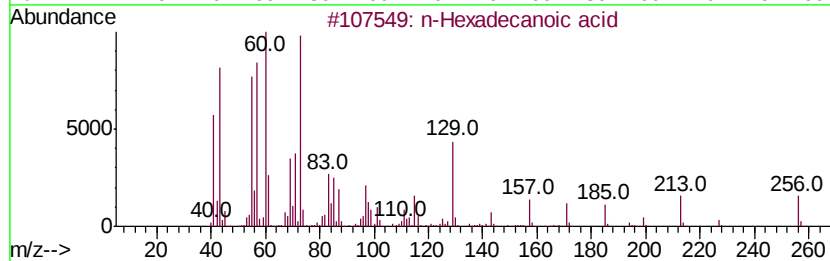
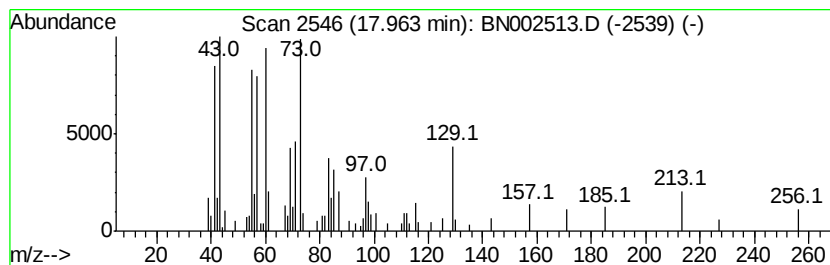
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.96	2.20 ng/ul	267179	Phenanthrene-d10	17.05	
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	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72



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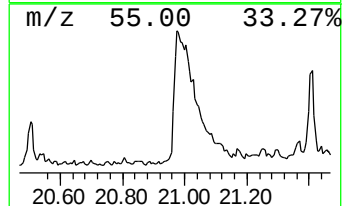
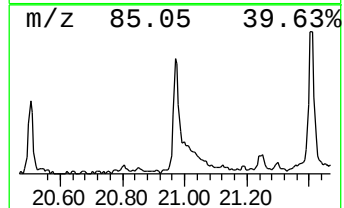
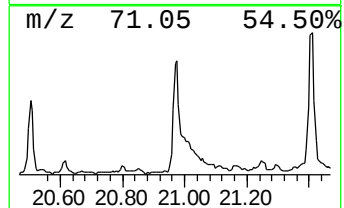
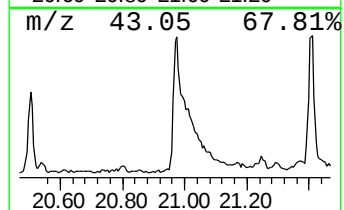
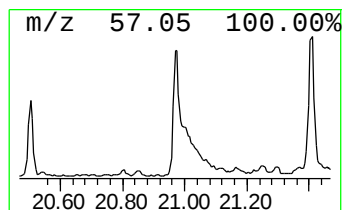
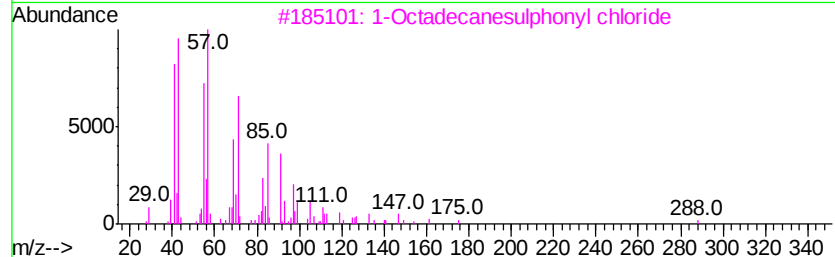
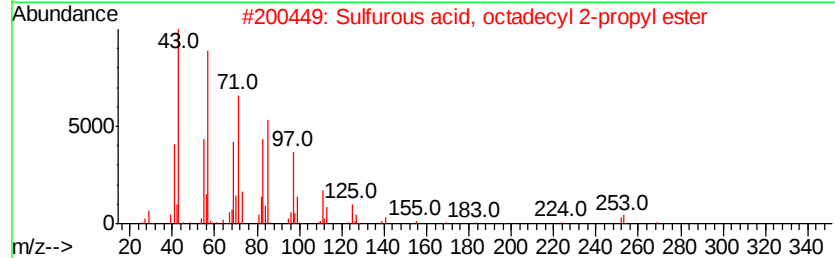
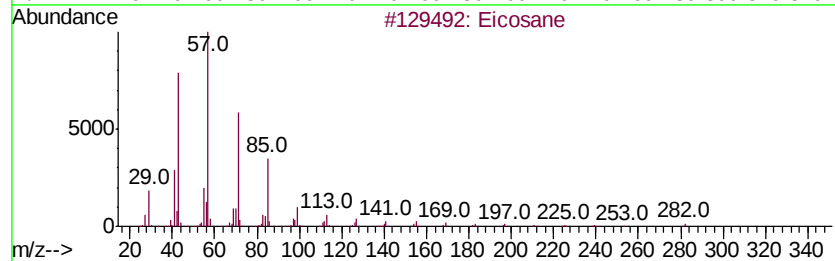
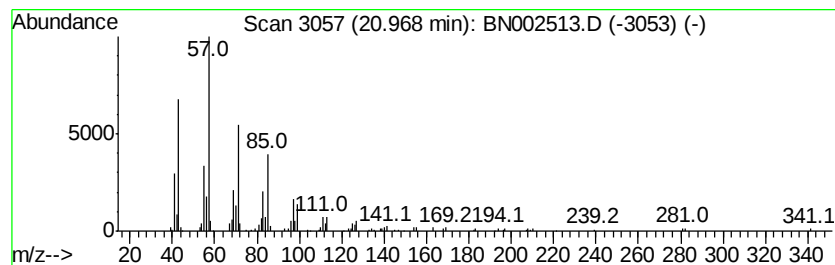
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	5.86 ng/ul	922934	Chrysene-d12	21.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane		282 C20H42	000112-95-8 90
2	Sulfurous acid, octadecyl 2-prop...		376 C21H44O3S	1000309-12-7 87
3	1-Octadecanesulphonyl chloride		352 C18H37ClO2S	1000342-70-4 83
4	1-Bromodocosane		388 C22H45Br	006938-66-5 68
5	Nonadecane		268 C19H40	000629-92-5 68



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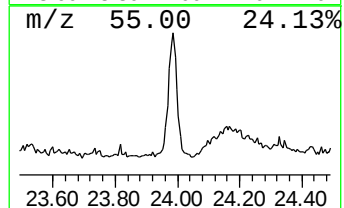
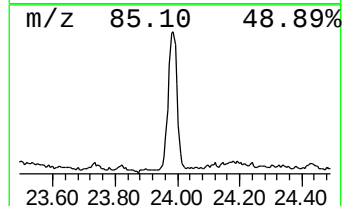
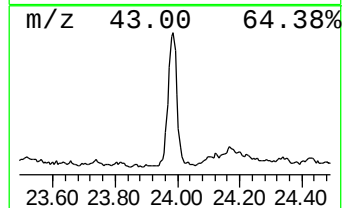
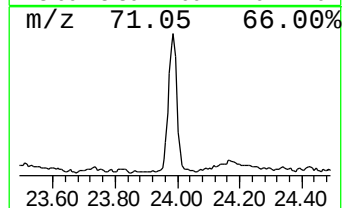
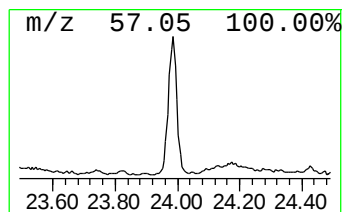
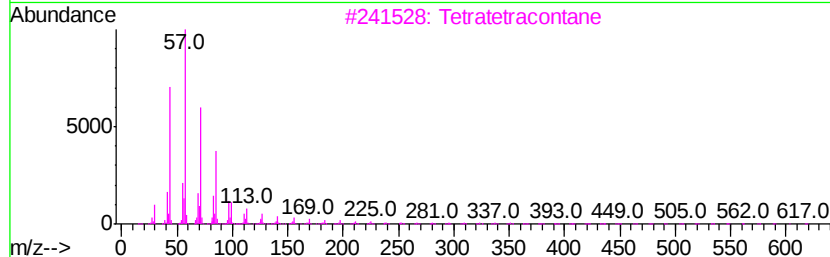
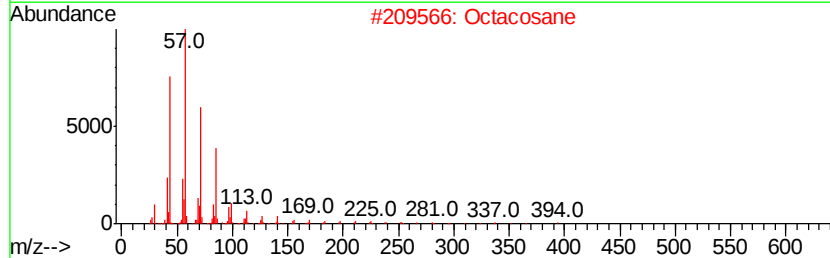
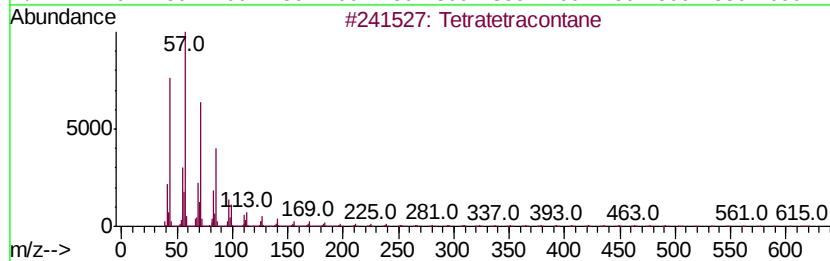
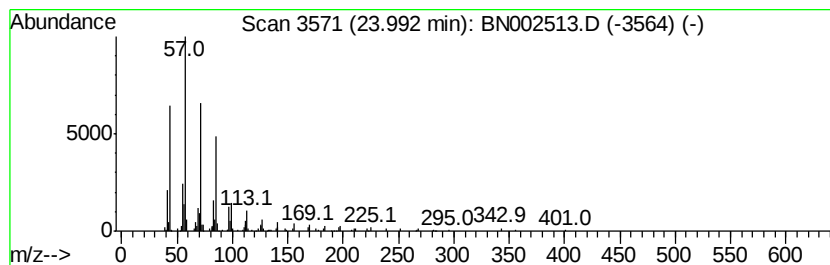
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.23 ng/ul	363158	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



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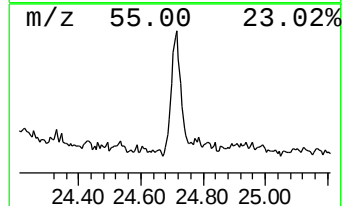
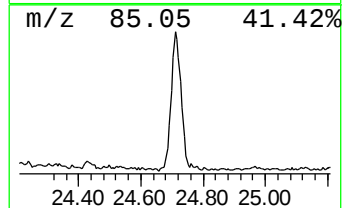
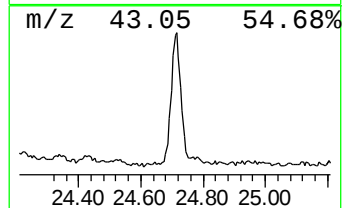
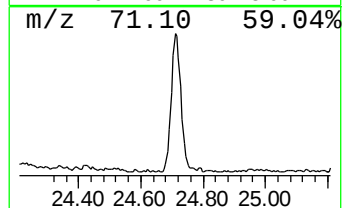
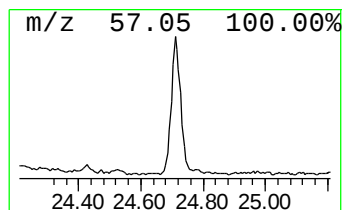
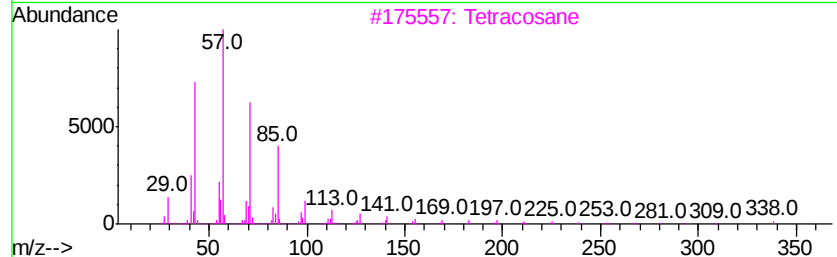
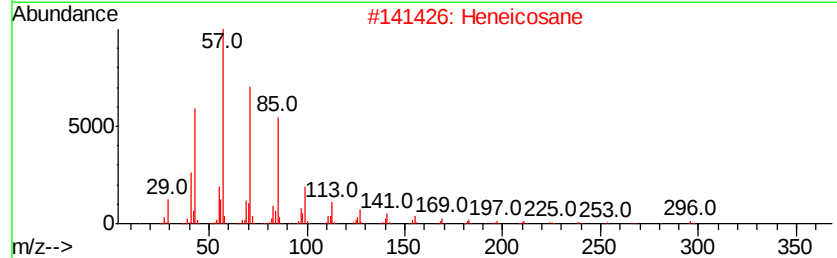
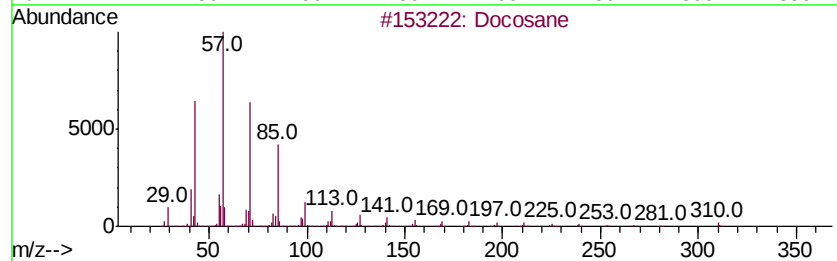
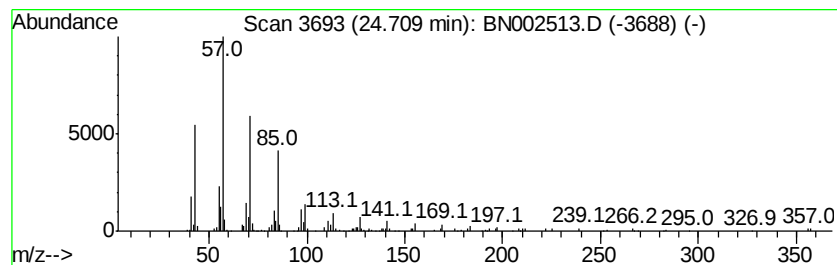
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.71	2.05 ng/ul	333271	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Pentacosane	352	C25H52	000629-99-2	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.96	2.2	ng/ul	267179	4	17.05	2427960	20.0
(DEL) Alkane: Str...	20.97	5.9	ng/ul	922934	5	21.24	3151850	20.0
(DEL) Alkane: Str...	23.99	2.2	ng/ul	363158	6	23.46	3252660	20.0
(DEL) Alkane: Str...	24.71	2.0	ng/ul	333271	6	23.46	3252660	20.0