

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
 Data File : BN002516.D
 Acq On : 25 Aug 2018 00:05
 Operator : JU/SJ
 Sample : J4628-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB3G2

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	678	rVB	513509	992107	16.70%	2.215%
2	7.011	679	684	697	rVB	430107	684753	11.52%	1.528%
3	7.205	712	717	729	rVB	526623	872524	14.68%	1.948%
4	7.669	791	796	805	rVB	378126	620905	10.45%	1.386%
5	8.375	910	916	927	rBV	640430	1120912	18.86%	2.502%
6	8.816	985	991	1002	rVB	562621	959495	16.15%	2.142%
7	9.534	1107	1113	1128	rVB	465152	796838	13.41%	1.779%
8	10.069	1198	1204	1218	rBV	665312	1168175	19.66%	2.608%
9	10.440	1260	1267	1277	rVB	595252	996566	16.77%	2.225%
10	10.581	1285	1291	1306	rBV	549434	993027	16.71%	2.217%
11	13.716	1817	1824	1828	rBV	1401300	1986654	33.44%	4.435%
12	13.763	1828	1832	1841	rVB	651848	915058	15.40%	2.043%
13	13.993	1864	1871	1882	rBV	1626078	2378396	40.03%	5.309%
14	14.298	1917	1923	1934	rVB2	937912	1438250	24.21%	3.210%
15	14.516	1955	1960	1969	rBV	558127	965376	16.25%	2.155%
16	14.581	1969	1971	1981	rVB2	45072	79574	1.34%	0.178%
17	15.298	2086	2093	2101	rBV	2137888	2991109	50.34%	6.677%
18	15.428	2110	2115	2128	rBV	663021	919992	15.48%	2.054%
19	17.051	2384	2391	2398	rBV	1310671	1869542	31.46%	4.173%
20	17.145	2401	2407	2420	rVB	2410769	3434685	57.81%	7.667%
21	17.951	2540	2544	2560	rBV2	117747	219015	3.69%	0.489%
22	19.451	2792	2799	2806	rBV	3182018	4367474	73.50%	9.749%
23	20.504	2974	2978	2982	rBV	58357	73014	1.23%	0.163%
24	20.974	3054	3058	3061	rBV2	131805	211680	3.56%	0.473%
25	21.245	3099	3104	3110	rBV	2138665	2752623	46.33%	6.144%
26	21.410	3128	3132	3136	rVV	106616	126216	2.12%	0.282%
27	21.839	3201	3205	3209	rBV	123123	147119	2.48%	0.328%
28	22.298	3279	3283	3290	rVB	144520	191956	3.23%	0.428%
29	22.421	3300	3304	3311	rVB	134343	182104	3.06%	0.406%
30	22.798	3363	3368	3374	rVB	172587	248094	4.18%	0.554%
31	23.327	3450	3458	3471	rBV	3153538	5941825	100.00%	13.263%
32	23.463	3474	3481	3494	rVB2	1687774	3173234	53.41%	7.083%
33	23.986	3564	3570	3578	rVB	200125	363310	6.11%	0.811%
34	24.715	3688	3694	3702	rVB2	157814	338773	5.70%	0.756%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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Title : SVOA CALIBRATION

35	25.562	3832	3838	3846	rVB2	114338	278739	4.69%	0.622%
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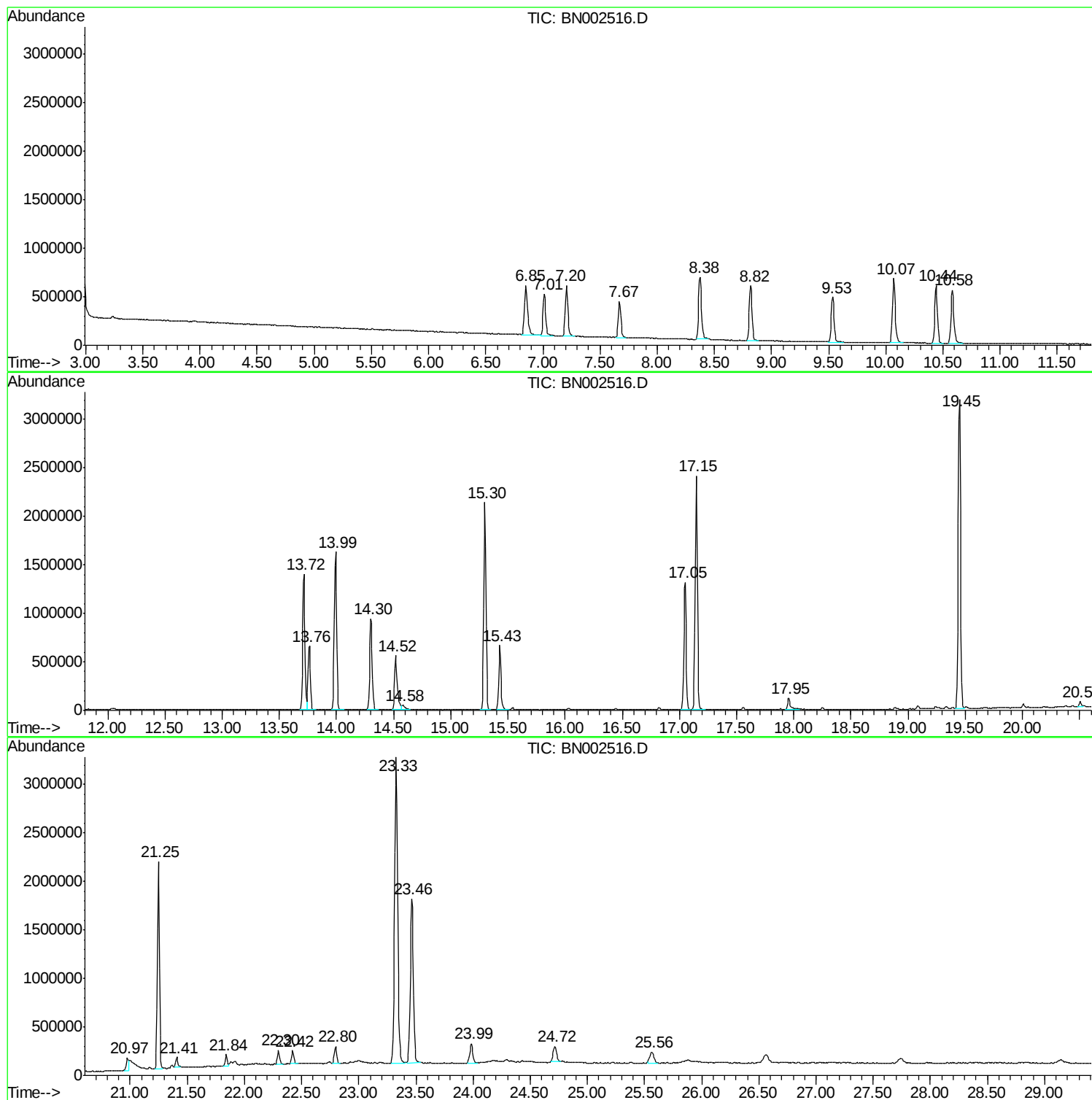
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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



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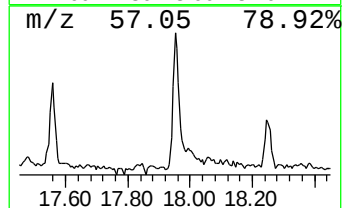
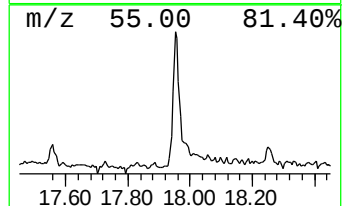
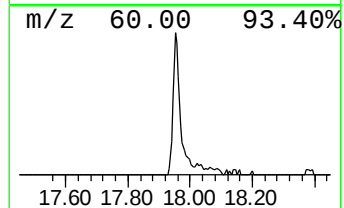
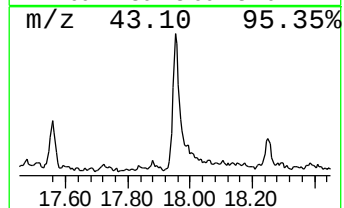
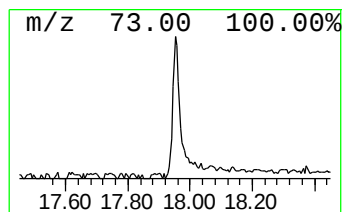
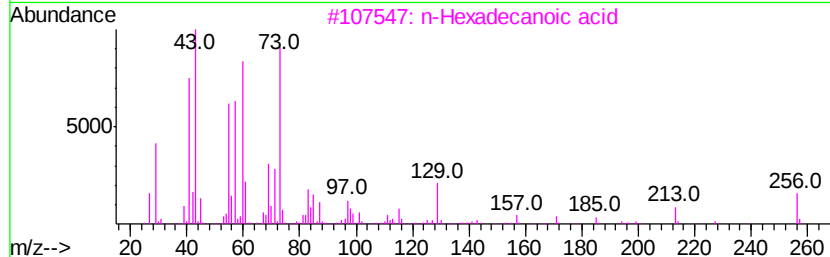
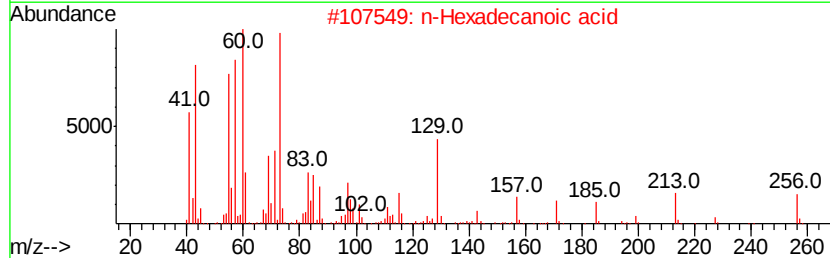
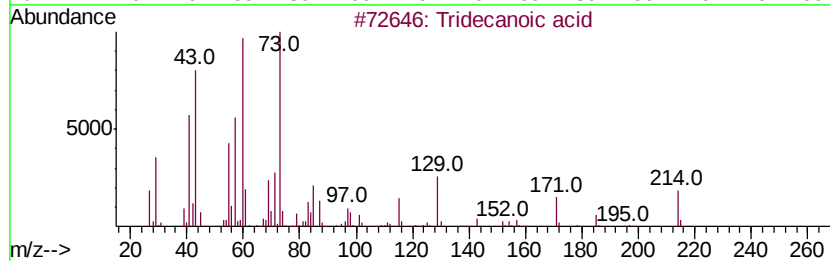
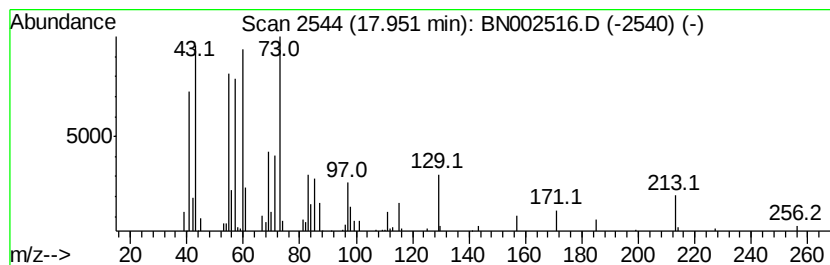
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.95	2.34 ng/ul	219015	Phenanthrene-d10	17.05		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	94
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
4		Tridecanoic acid	214	C13H26O2	000638-53-9	68
5		Tridecanoic acid	214	C13H26O2	000638-53-9	68



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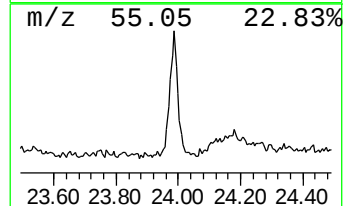
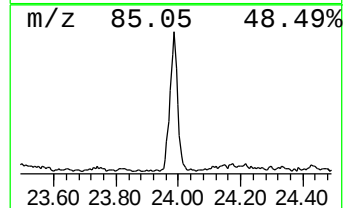
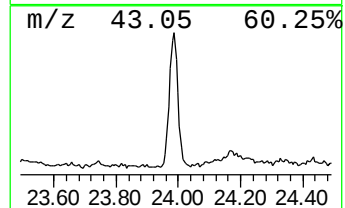
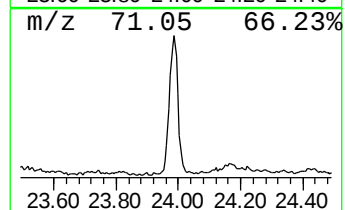
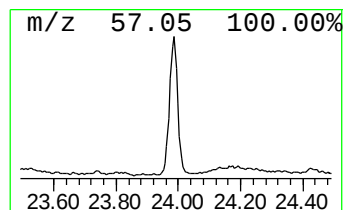
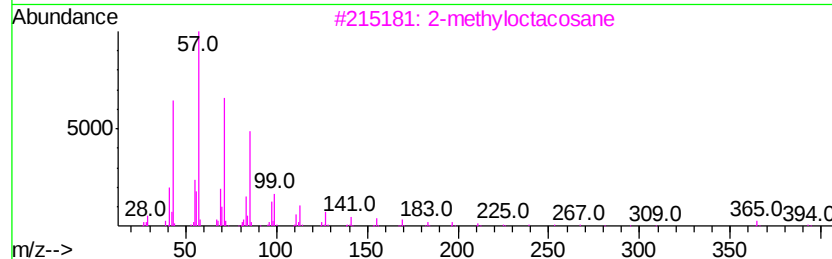
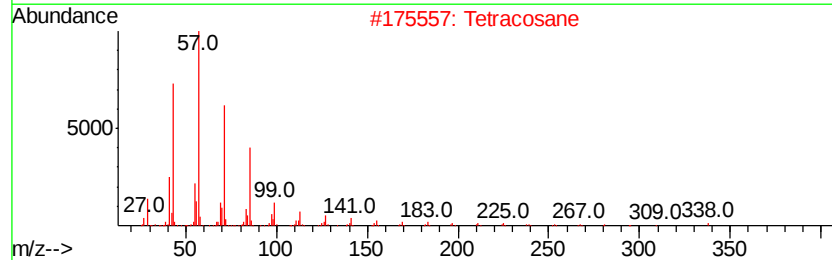
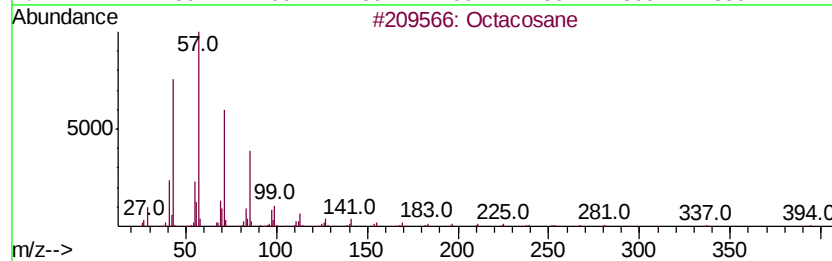
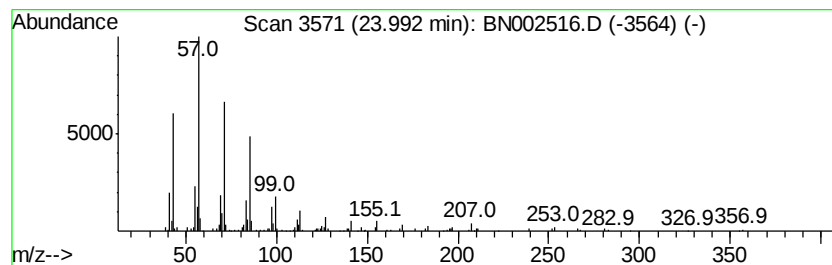
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.29 ng/ul	363310	Perylene-d12	23.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			Tetracosane	338	C24H50	000646-31-1	90
3			2-methyloctacosane	408	C29H60	1000376-72-8	90
4			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5			Docosane	310	C22H46	000629-97-0	87



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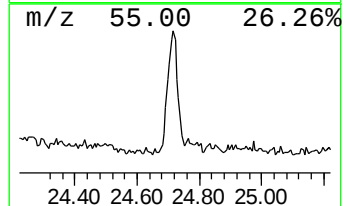
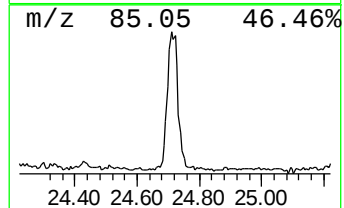
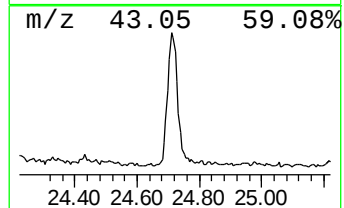
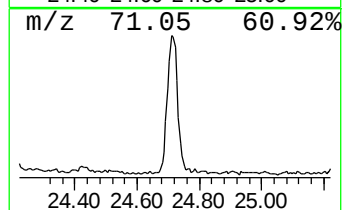
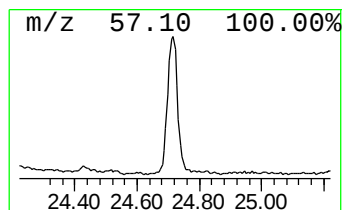
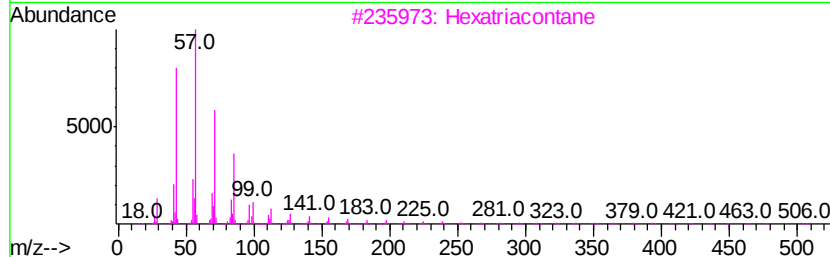
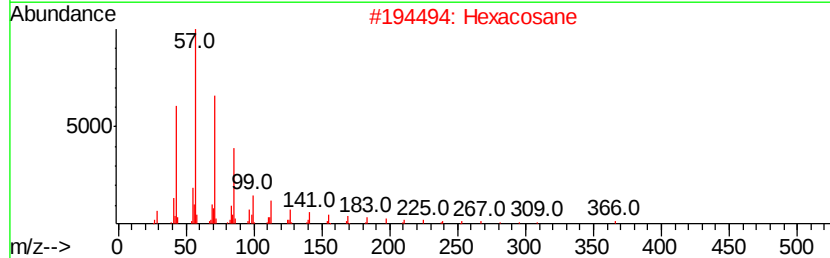
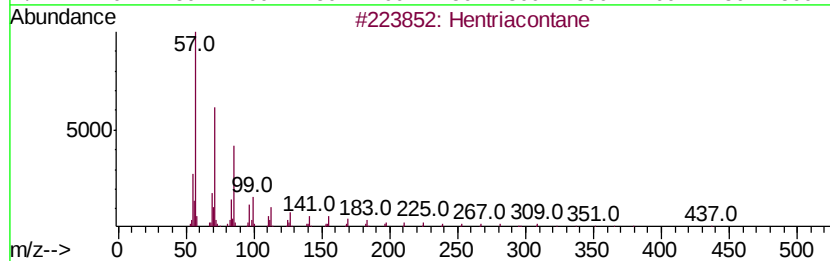
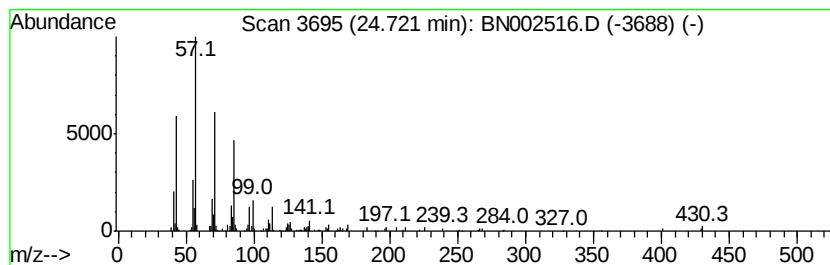
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.72	2.14 ng/ul	338773	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Hexatriacontane	507	C36H74	000630-06-8	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90



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Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	17.95	2.3	ng/ul	219015	4	17.05	1869540	20.0
(DEL) Alkane: Str...	23.99	2.3	ng/ul	363310	6	23.46	3173230	20.0
(DEL) Alkane: Str...	24.72	2.1	ng/ul	338773	6	23.46	3173230	20.0