

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
 Data File : BN002105.D
 Acq On : 23 Jul 2018 14:28
 Operator : JU/SJ
 Sample : J4023-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB1K2

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-BN071318MA.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	3.258	43	46	55	rVB	32719	48649	1.14%	0.098%
2	6.875	655	661	677	rBV	540137	992114	23.21%	1.995%
3	7.040	683	689	699	rBV	467598	703063	16.45%	1.414%
4	7.234	715	722	735	rVB	562574	906162	21.20%	1.822%
5	7.699	794	801	810	rBV	896857	1415573	33.11%	2.847%
6	8.405	914	921	936	rBV	671063	1161818	27.18%	2.336%
7	8.846	988	996	1007	rBV	585977	963551	22.54%	1.938%
8	9.563	1109	1118	1128	rBV	479339	792944	18.55%	1.595%
9	10.099	1202	1209	1223	rBV	716172	1226720	28.70%	2.467%
10	10.475	1265	1273	1286	rVB	1335036	2250888	52.65%	4.526%
11	10.610	1289	1296	1309	rBV	564763	1001539	23.43%	2.014%
12	13.740	1822	1828	1833	rBV	1387276	1998112	46.74%	4.018%
13	13.787	1833	1836	1846	rVB	515962	711156	16.64%	1.430%
14	14.022	1869	1876	1883	rBV	1585650	2344813	54.85%	4.715%
15	14.334	1922	1929	1936	rBV2	1969770	3115109	72.87%	6.264%
16	14.539	1957	1964	1974	rBV	462283	845782	19.79%	1.701%
17	15.328	2091	2098	2106	rBV	2116461	2980827	69.73%	5.994%
18	15.451	2112	2119	2133	rBV	630281	884679	20.70%	1.779%
19	16.857	2353	2358	2362	rBV4	27108	44770	1.05%	0.090%
20	17.081	2389	2396	2404	rBV2	2574627	3759972	87.96%	7.561%
21	17.175	2406	2412	2425	rVB	2221420	3221388	75.36%	6.478%
22	17.922	2536	2539	2545	rBV4	29774	43007	1.01%	0.086%
23	17.986	2545	2550	2558	rBV	291738	411929	9.64%	0.828%
24	19.116	2738	2742	2745	rBV2	28520	48282	1.13%	0.097%
25	19.474	2797	2803	2811	rBV	2710501	3889835	90.99%	7.822%
26	20.539	2980	2984	2987	rBV3	37771	43712	1.02%	0.088%
27	21.004	3059	3063	3067	rBV	83856	95496	2.23%	0.192%
28	21.098	3071	3079	3092	rVV	54574	274413	6.42%	0.552%
29	21.274	3104	3109	3115	rBV	3433611	4274805	100.00%	8.596%
30	21.445	3134	3138	3141	rBV	73019	79816	1.87%	0.161%
31	21.880	3208	3212	3216	rBV	124876	146419	3.43%	0.294%
32	22.339	3286	3290	3296	rVB	118561	154608	3.62%	0.311%
33	22.468	3309	3312	3317	rVB	67517	79371	1.86%	0.160%
34	22.845	3372	3376	3382	rVB	198548	272922	6.38%	0.549%

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35	23.368	3458	3465	3470	rBV	1938253	3514898	82.22%	7.068%
36	23.510	3481	3489	3500	rVB	2082627	3865849	90.43%	7.774%
37	24.051	3575	3581	3591	rVB2	234101	450880	10.55%	0.907%
38	24.792	3701	3707	3714	rVB	141067	284422	6.65%	0.572%
39	25.657	3848	3854	3864	rVB3	164574	428885	10.03%	0.862%

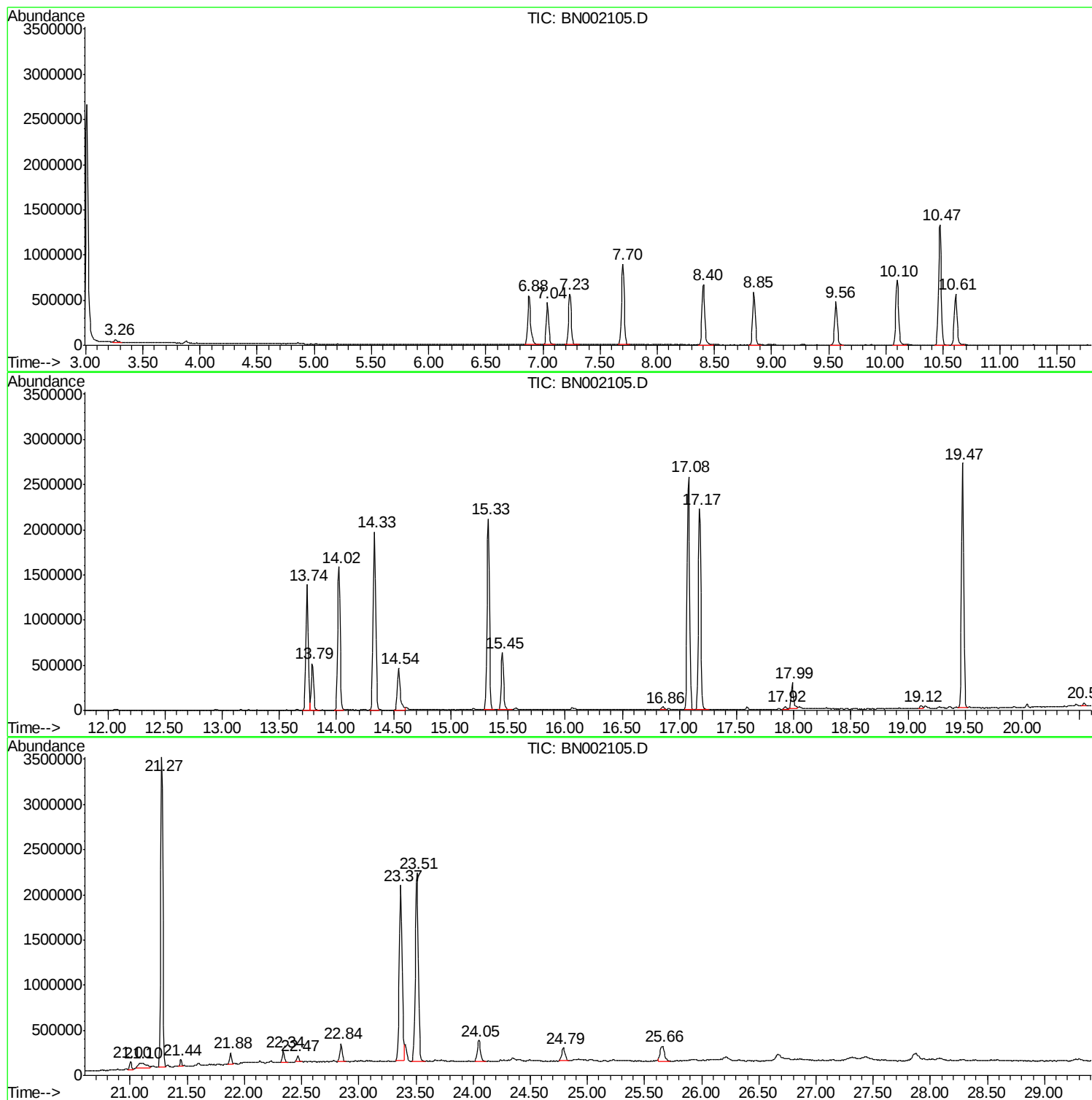
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION

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



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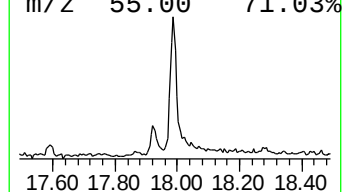
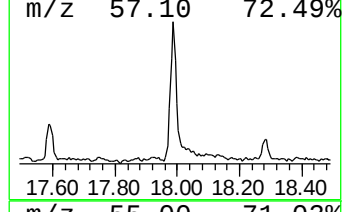
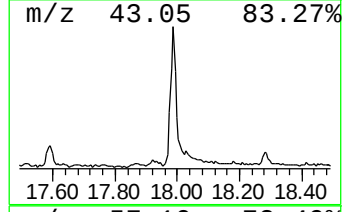
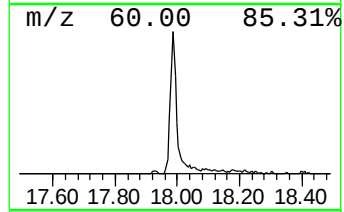
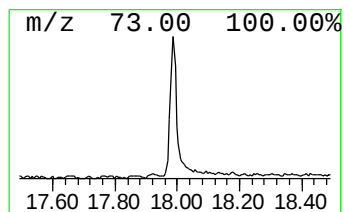
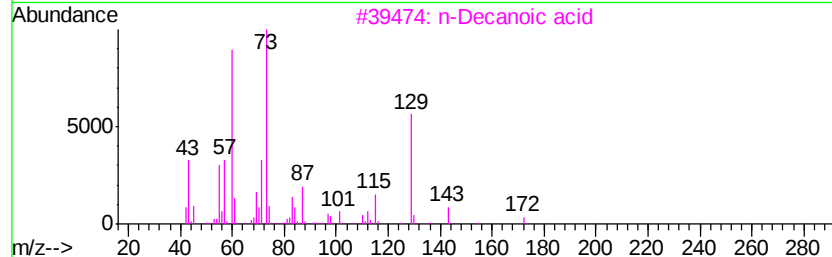
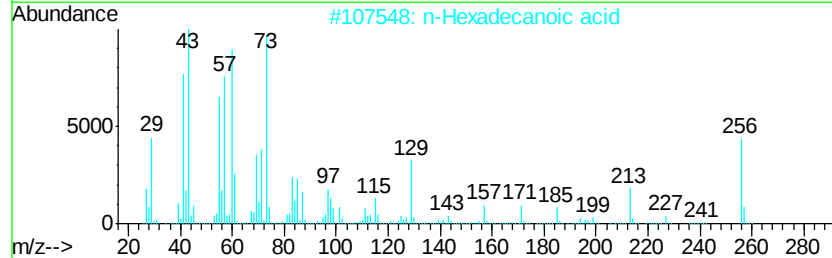
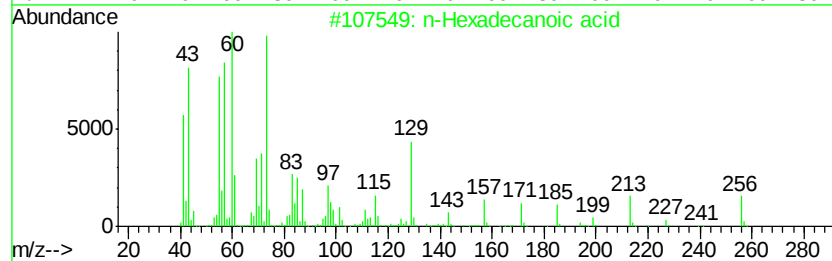
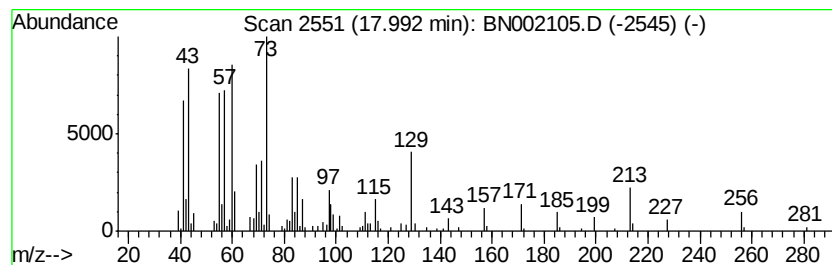
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.19 ng/ul	411929	Phenanthrene-d10	17.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		n-Decanoic acid	172	C10H20O2	000334-48-5	94
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	87



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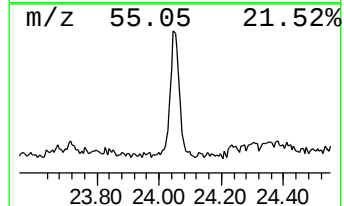
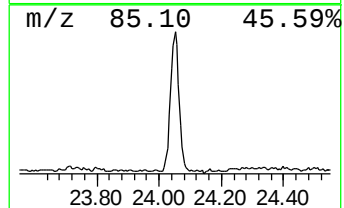
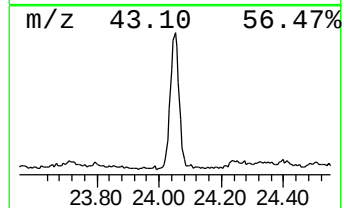
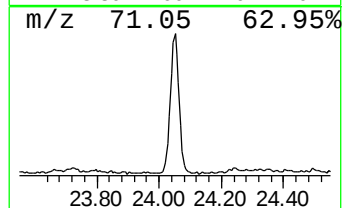
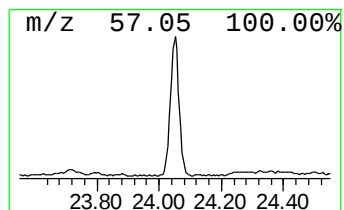
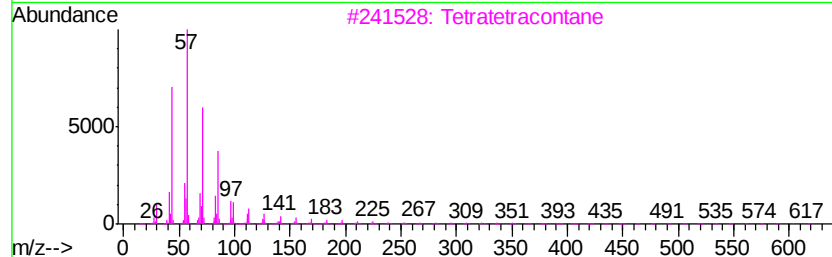
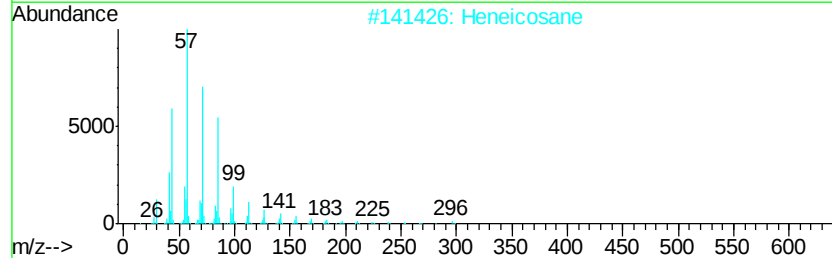
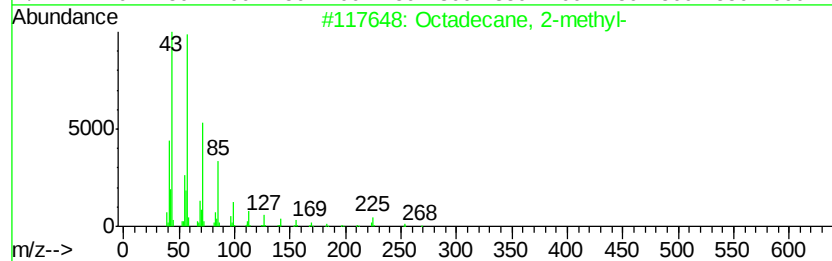
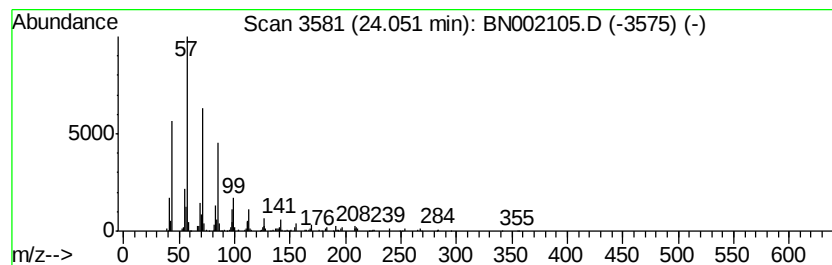
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	2.33 ng/ul	450880	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Octacosane	394	C28H58	000630-02-4	91



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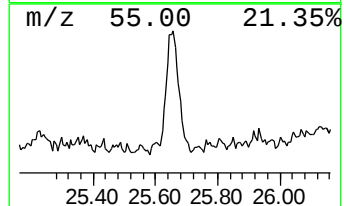
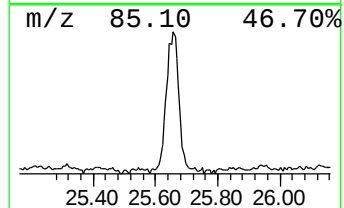
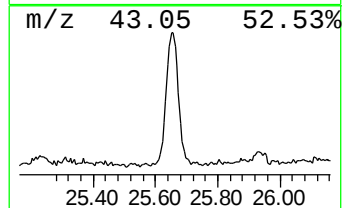
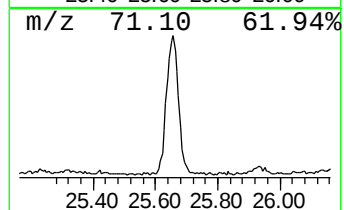
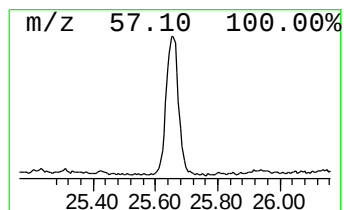
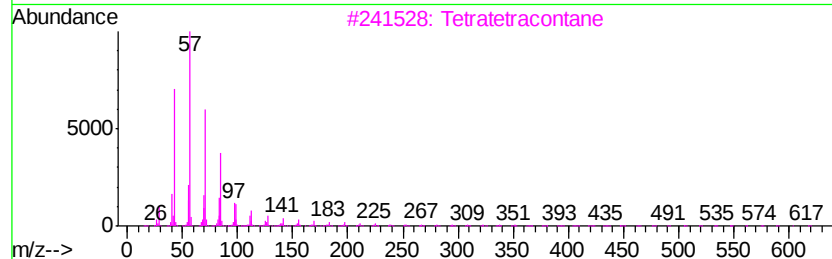
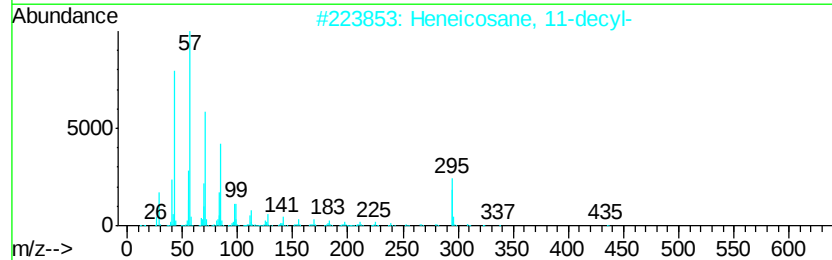
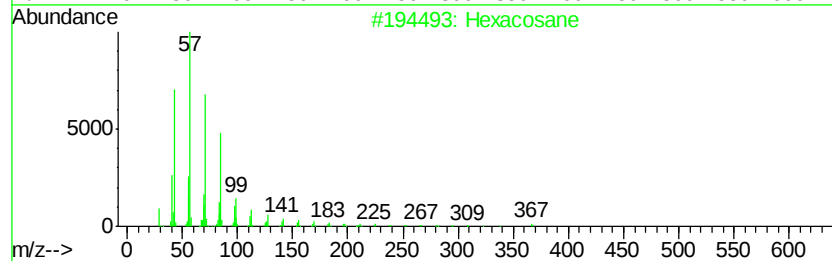
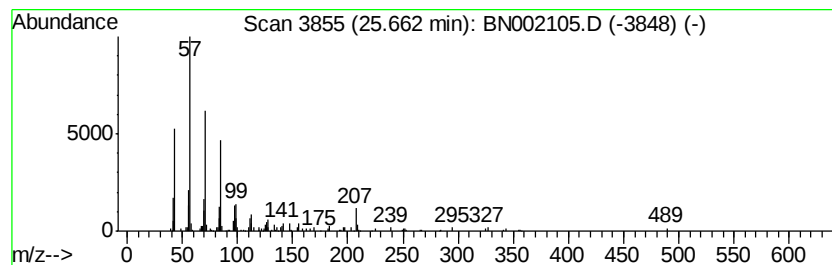
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.66	2.22 ng/ul	428885	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Hexatriacontane	507	C36H74	000630-06-8	86
5		Hentriacontane	437	C31H64	000630-04-6	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	2.2	ng/ul	411929	4	17.08	3759970	20.0
(DEL) Alkane: Str...	24.05	2.3	ng/ul	450880	6	23.51	3865850	20.0
(DEL) Alkane: Str...	25.66	2.2	ng/ul	428885	6	23.51	3865850	20.0