

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
 Data File : BN002108.D
 Acq On : 23 Jul 2018 16:14
 Operator : JU/SJ
 Sample : J4038-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB1N7

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	42	46	52	rVB	74162	102323	1.13%	0.108%
2	6.881	654	662	677	rBV2	1486690	2783646	30.82%	2.930%
3	7.040	679	689	700	rVB	1258832	1902885	21.07%	2.003%
4	7.234	716	722	736	rVB	1515477	2458954	27.22%	2.588%
5	7.699	794	801	809	rBV	1012695	1597702	17.69%	1.682%
6	8.405	914	921	938	rVB	1920536	3119782	34.54%	3.284%
7	8.846	989	996	1008	rBV	1552366	2593759	28.71%	2.730%
8	9.563	1110	1118	1130	rBV	1299354	2158991	23.90%	2.273%
9	10.099	1202	1209	1226	rBV	1977148	3319895	36.75%	3.495%
10	10.475	1265	1273	1281	rVB	1456046	2513380	27.82%	2.646%
11	10.610	1288	1296	1314	rBV	1881566	3174955	35.15%	3.342%
12	13.745	1822	1829	1833	rBV	3639466	5077650	56.21%	5.345%
13	13.787	1833	1836	1844	rVB	401744	557201	6.17%	0.587%
14	14.022	1869	1876	1887	rBV	4140508	6177738	68.39%	6.503%
15	14.334	1921	1929	1939	rVB2	2189641	3444533	38.13%	3.626%
16	14.540	1957	1964	1982	rBV	1291108	2222467	24.60%	2.340%
17	15.328	2091	2098	2108	rBV	5311209	7553026	83.61%	7.951%
18	15.451	2113	2119	2131	rVV	1555954	2136993	23.66%	2.250%
19	15.569	2134	2139	2150	rVB	64056	107906	1.19%	0.114%
20	17.081	2389	2396	2403	rBV2	2816238	4129782	45.72%	4.347%
21	17.181	2406	2413	2423	rVB	5588330	8003193	88.60%	8.425%
22	17.986	2545	2550	2559	rBV	394365	598790	6.63%	0.630%
23	19.110	2736	2741	2746	rBV	67963	104836	1.16%	0.110%
24	19.480	2797	2804	2811	rBV	6650299	9033333	100.00%	9.509%
25	20.539	2978	2984	2987	rBV2	131396	158861	1.76%	0.167%
26	21.004	3059	3063	3066	rBV	171777	183776	2.03%	0.193%
27	21.069	3066	3074	3075	rBV4	175100	372988	4.13%	0.393%
28	21.280	3104	3110	3115	rBV	3441758	4532697	50.18%	4.771%
29	21.439	3134	3137	3144	rVB	206315	233478	2.58%	0.246%
30	21.874	3207	3211	3216	rBV	235474	303430	3.36%	0.319%
31	22.339	3286	3290	3299	rVB	284436	378150	4.19%	0.398%
32	22.845	3371	3376	3382	rBV	359376	522035	5.78%	0.550%
33	23.374	3457	3466	3478	rBV	4202831	8273990	91.59%	8.710%
34	23.510	3482	3489	3498	rVB	2057941	3889967	43.06%	4.095%

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35	24.051	3575	3581	3589	rVB	319689	577766	6.40%	0.608%
36	24.792	3701	3707	3715	rVB2	197594	405850	4.49%	0.427%
37	25.657	3849	3854	3863	rVB2	117614	289098	3.20%	0.304%

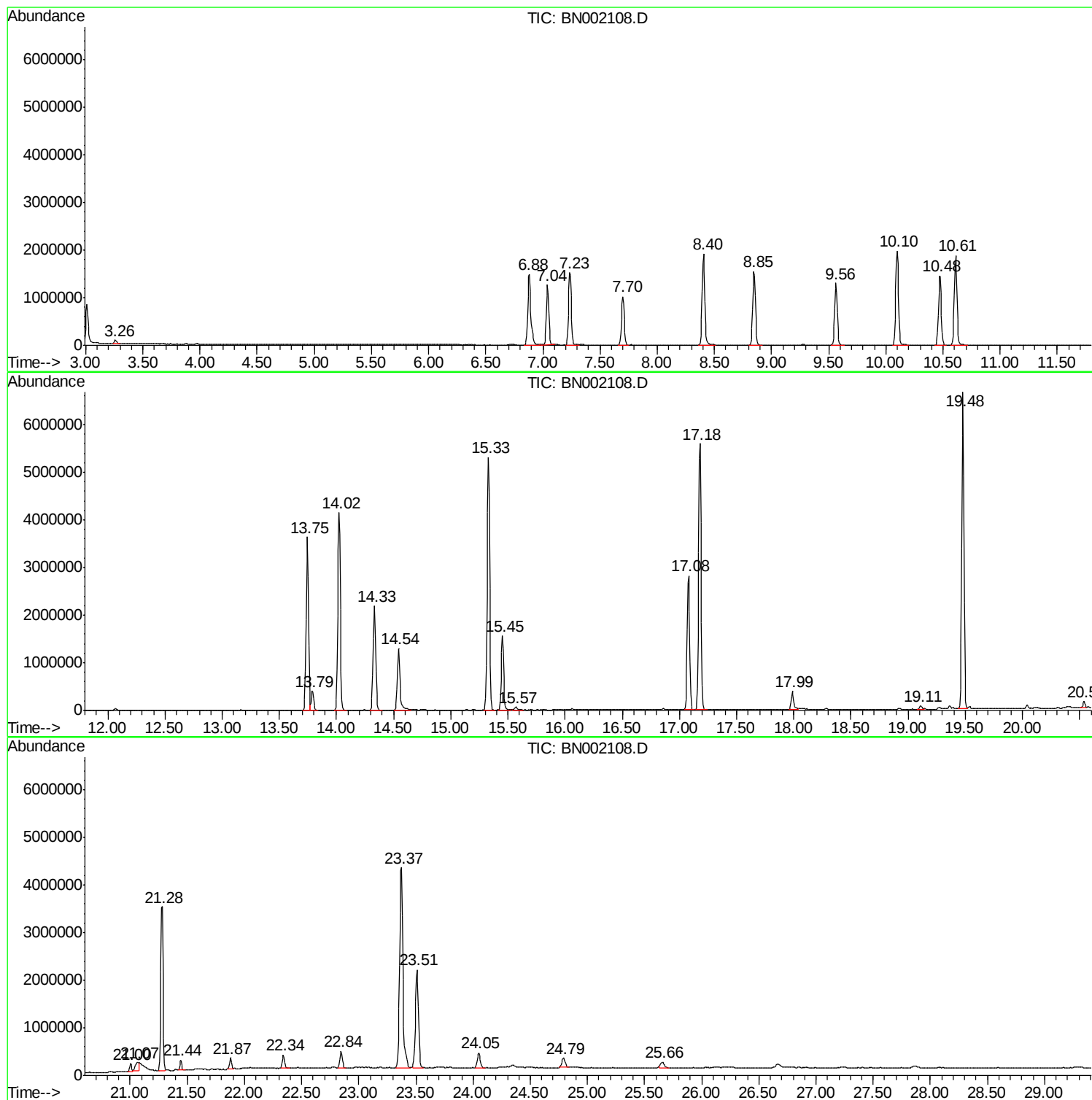
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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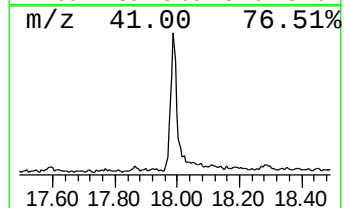
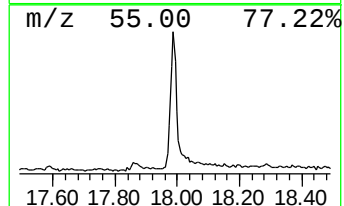
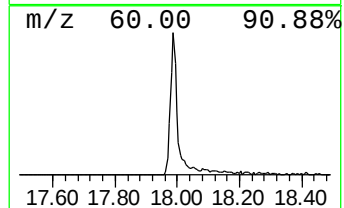
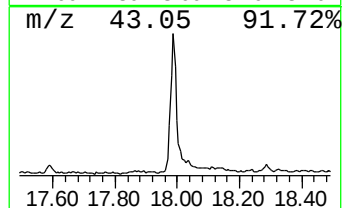
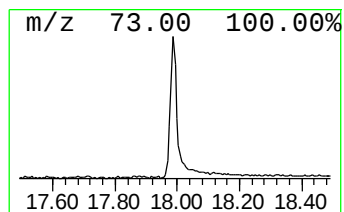
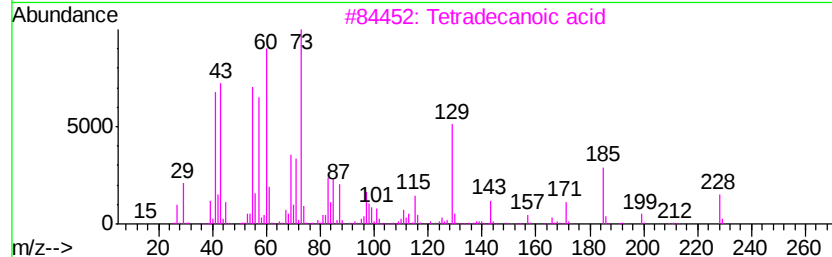
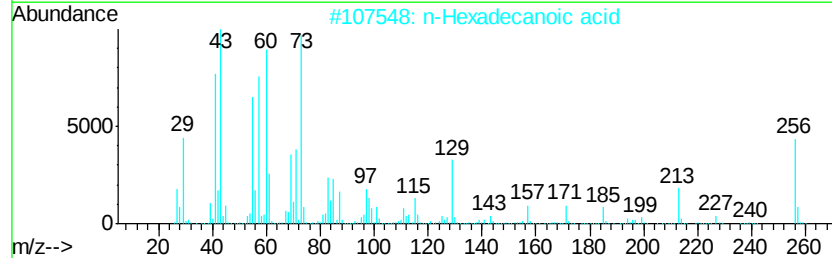
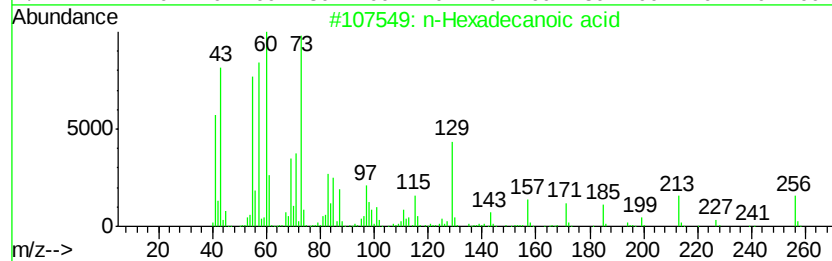
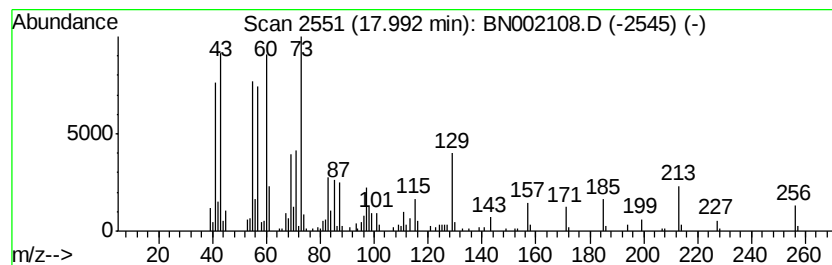
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.99	2.90 ng/ul	598790	Phenanthrene-d10	17.08		
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	98	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	92	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	



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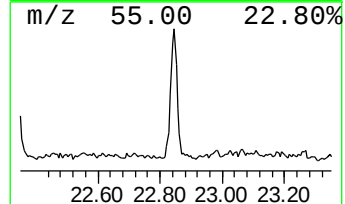
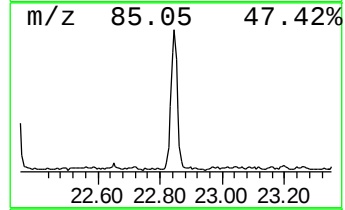
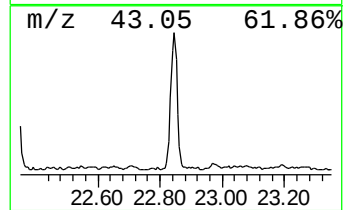
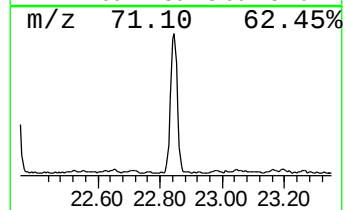
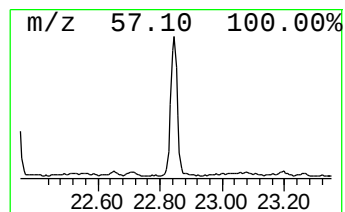
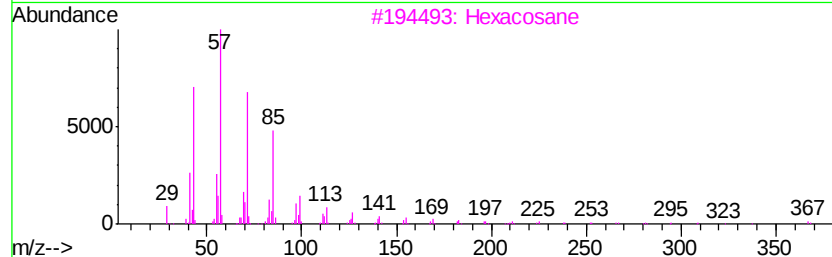
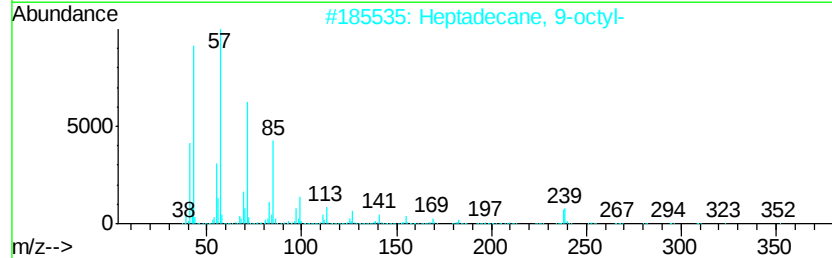
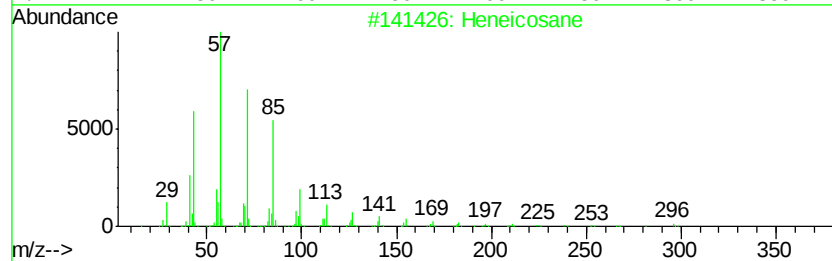
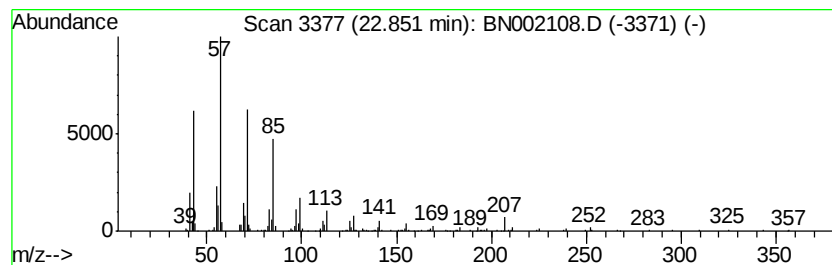
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	2.68 ng/ul	522035	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Octadecane	254	C18H38	000593-45-3	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



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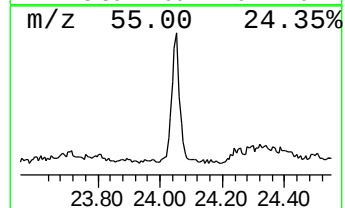
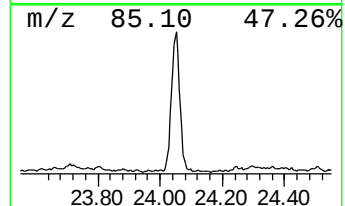
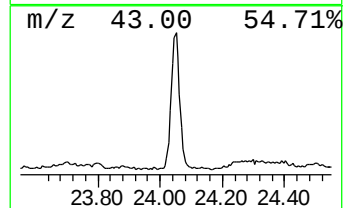
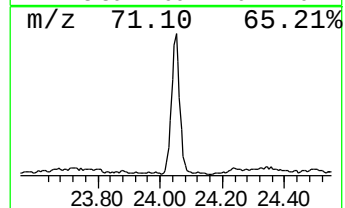
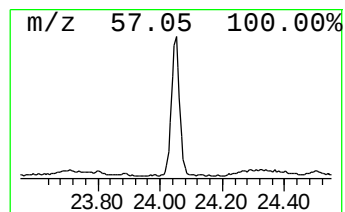
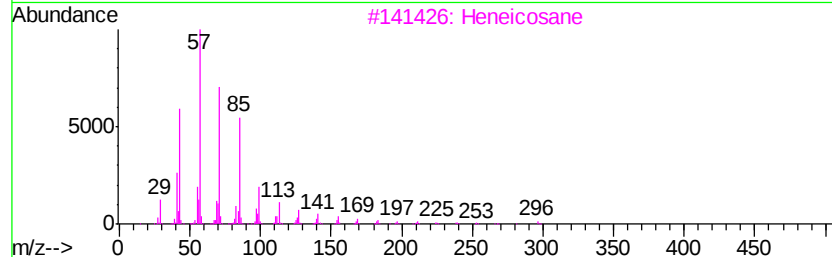
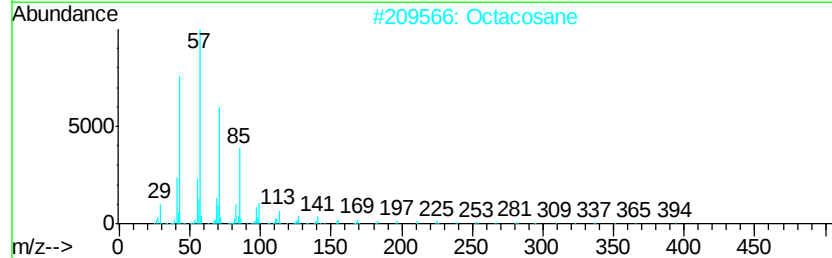
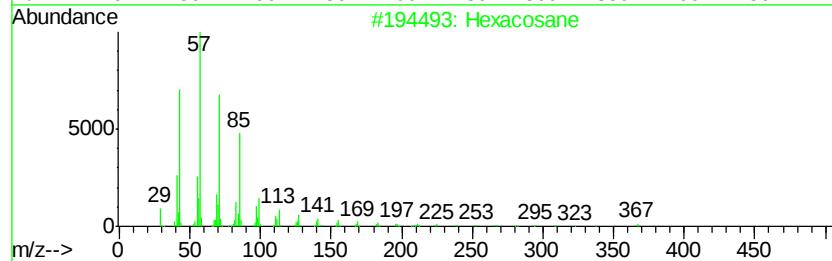
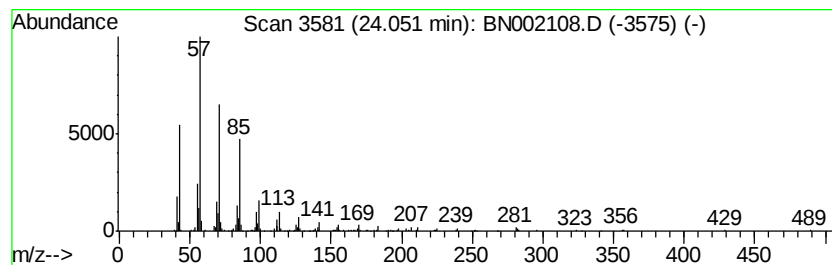
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	2.97 ng/ul	577766	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Octacosane	394	C28H58	000630-02-4	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Docosane	310	C22H46	000629-97-0	90
5		Heneicosane	296	C21H44	000629-94-7	87



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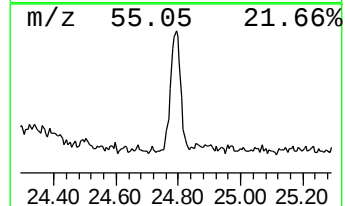
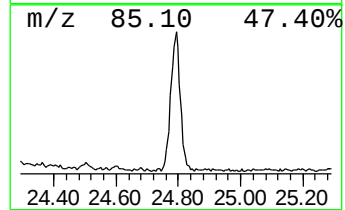
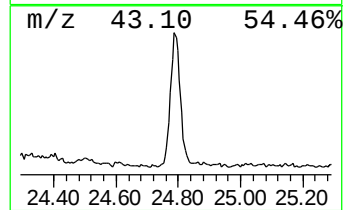
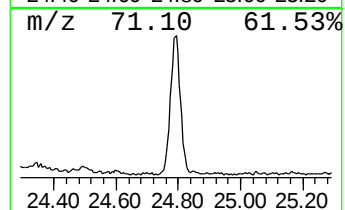
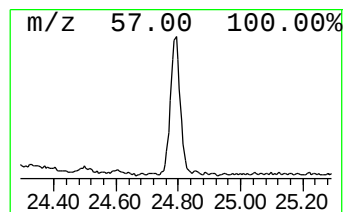
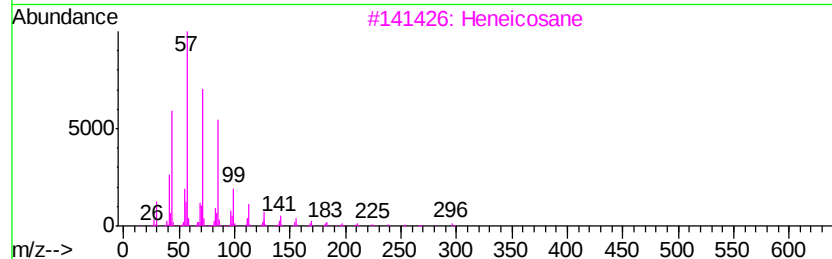
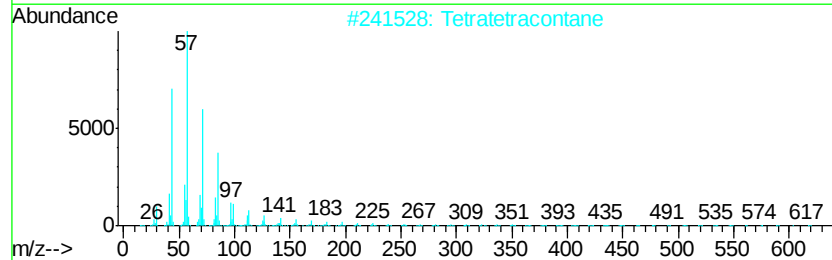
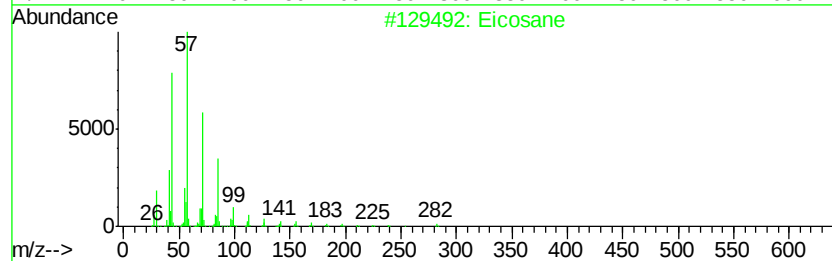
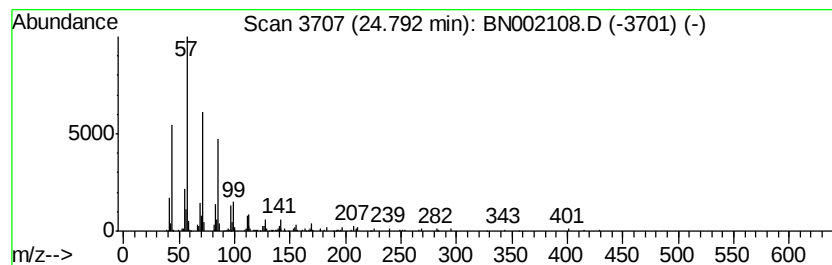
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.79	2.09 ng/ul	405850	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Octacosane	394	C28H58	000630-02-4	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	2.9	ng/ul	598790	4	17.08	4129780	20.0
(DEL) Alkane: Str...	22.85	2.7	ng/ul	522035	6	23.51	3889970	20.0
(DEL) Alkane: Str...	24.05	3.0	ng/ul	577766	6	23.51	3889970	20.0
(DEL) Alkane: Str...	24.79	2.1	ng/ul	405850	6	23.51	3889970	20.0