

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072018\
 Data File : BM016014.D
 Acq On : 20 Jul 2018 11:53
 Operator : SJ/JU
 Sample : J4024-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB1Q2

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_M\METHODS\SOM-EPA-BM071318MA.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	3.493	32	35	41	rBV2	9639	14363	1.06%	0.103%
2	7.416	698	702	718	rBB4	31039	72884	5.38%	0.521%
3	7.575	723	729	741	rBV	119340	199034	14.69%	1.423%
4	7.781	758	764	780	rBB2	138693	243254	17.96%	1.739%
5	8.251	839	844	858	rBB	190710	321549	23.74%	2.299%
6	8.969	962	966	982	rBV	98386	182731	13.49%	1.307%
7	9.440	1040	1046	1061	rBV	182631	318773	23.53%	2.279%
8	10.163	1163	1169	1183	rBB	161028	287587	21.23%	2.056%
9	10.698	1255	1260	1273	rBV	216229	405626	29.94%	2.901%
10	11.075	1317	1324	1336	rBV	297298	504781	37.26%	3.610%
11	14.280	1863	1869	1873	rBV	511353	721852	53.29%	5.162%
12	14.327	1873	1877	1886	rVB	160897	228105	16.84%	1.631%
13	14.574	1913	1919	1927	rBV	545667	773559	57.10%	5.532%
14	14.874	1964	1970	1979	rBB2	485383	721009	53.22%	5.156%
15	15.116	2007	2011	2022	rBV3	14204	37098	2.74%	0.265%
16	15.863	2132	2138	2148	rBV	685847	1009295	74.50%	7.217%
17	15.998	2156	2161	2175	rBV	215698	309697	22.86%	2.215%
18	17.604	2428	2434	2443	rBV2	645512	911505	67.29%	6.518%
19	17.704	2445	2451	2460	rBV	814514	1132447	83.60%	8.098%
20	18.333	2552	2558	2563	rBV5	8983	14875	1.10%	0.106%
21	18.445	2569	2577	2587	rBV2	69855	97696	7.21%	0.699%
22	19.698	2786	2790	2793	rBV2	30737	32347	2.39%	0.231%
23	19.962	2829	2835	2841	rBV	1057292	1354671	100.00%	9.687%
24	20.927	2997	2999	3002	rVB4	14387	14269	1.05%	0.102%
25	21.398	3073	3079	3086	rBV5	41919	106086	7.83%	0.759%
26	21.721	3129	3134	3143	rBV	865494	1132170	83.58%	8.096%
27	21.815	3148	3150	3154	rVB3	34857	35929	2.65%	0.257%
28	22.268	3225	3227	3230	rVB	52337	47692	3.52%	0.341%
29	22.750	3307	3309	3316	rVB2	73596	97051	7.16%	0.694%
30	23.286	3397	3400	3406	rVB	92202	136185	10.05%	0.974%
31	23.886	3499	3502	3507	rBV	74717	109390	8.08%	0.782%
32	23.950	3507	3513	3525	rVB	658618	1279124	94.42%	9.147%
33	24.103	3533	3539	3549	rVB2	504512	983884	72.63%	7.036%
34	24.574	3616	3619	3626	rVB3	88078	148037	10.93%	1.059%

LSC Area Percent Report

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Stop Thrs : 0 Peak Location: TOP

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

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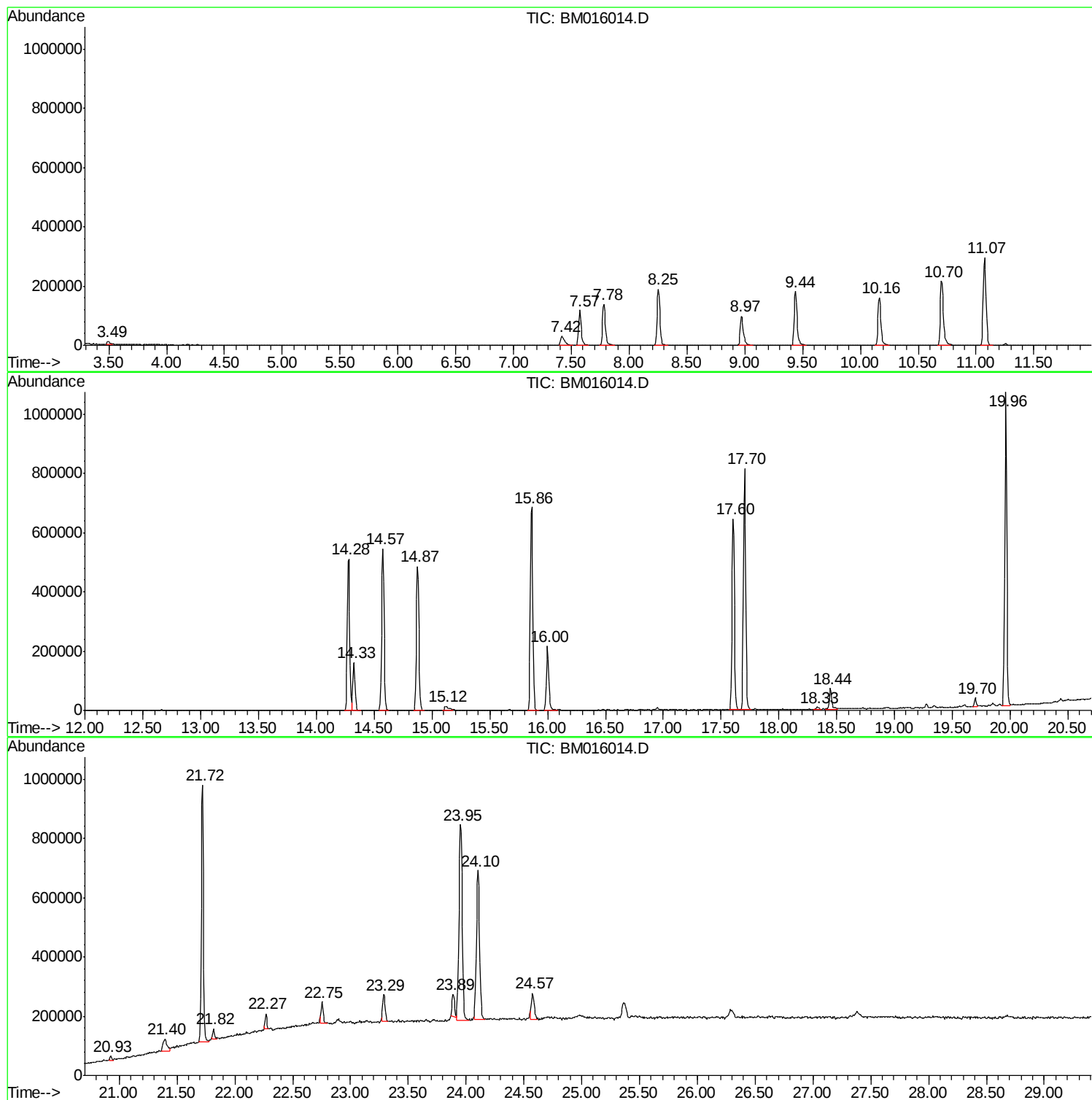
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
Quant Title : SVOA CALIBRATION

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



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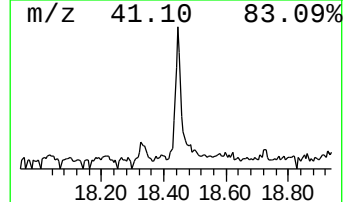
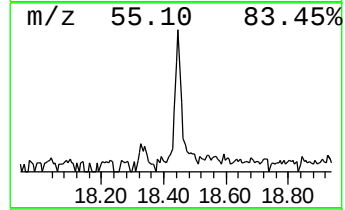
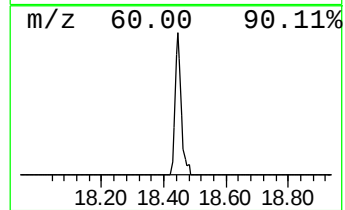
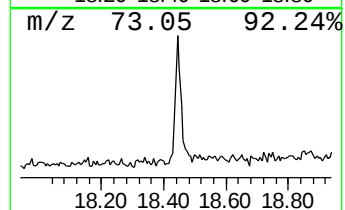
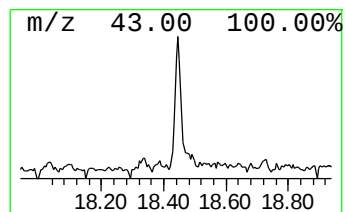
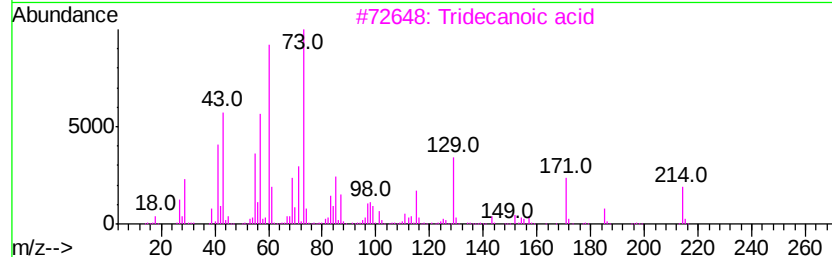
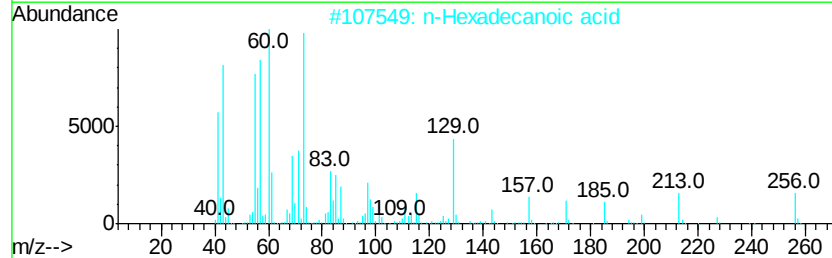
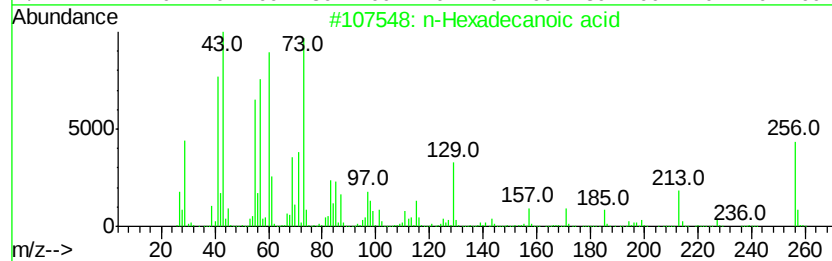
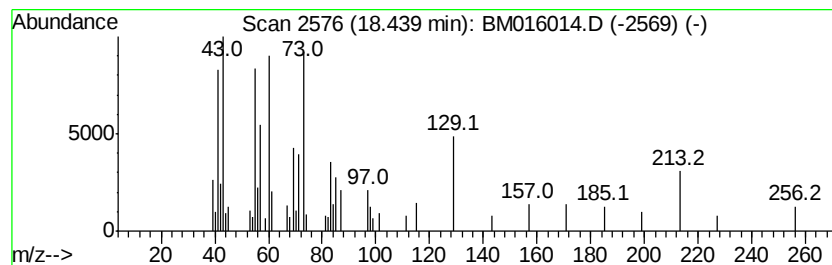
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	2.14 ng/ul	97696	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		Tridecanoic acid	214	C13H26O2	000638-53-9	72
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



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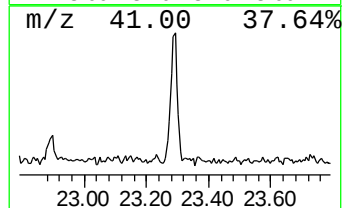
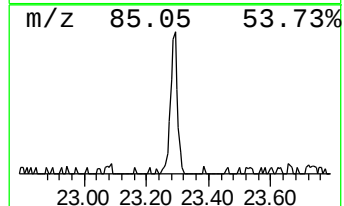
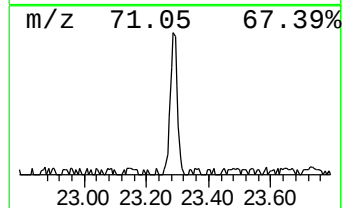
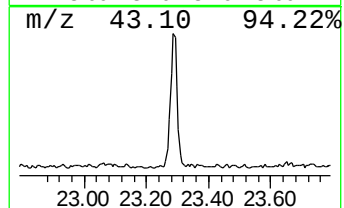
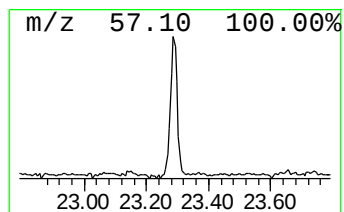
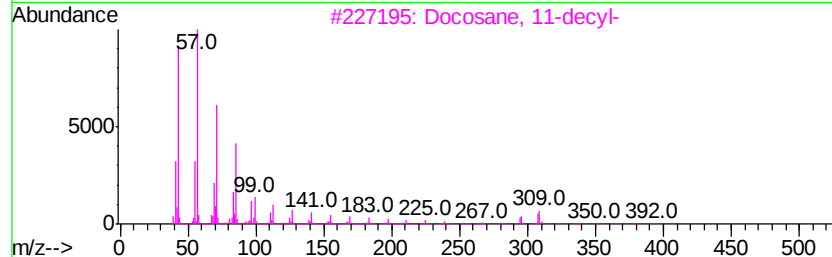
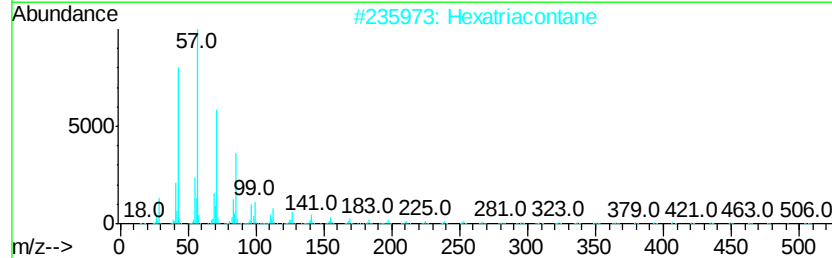
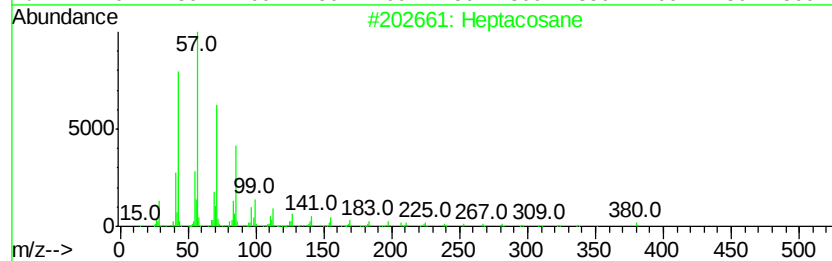
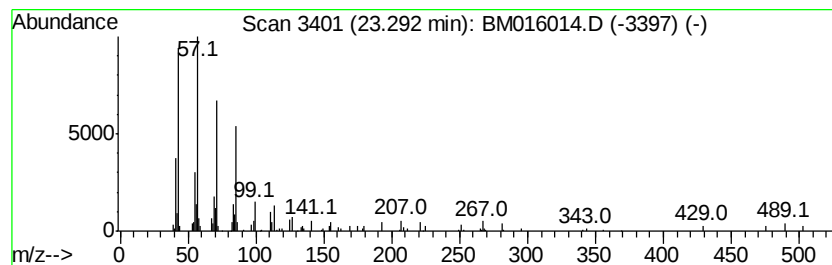
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	2.77 ng/ul	136185	Perylene-d12	24.10

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	87
2			Hexatriacontane	507	C36H74	000630-06-8	87
3			Docosane, 11-decyl-	451	C32H66	055401-55-3	87
4			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5			Hexacosane	366	C26H54	000630-01-3	87



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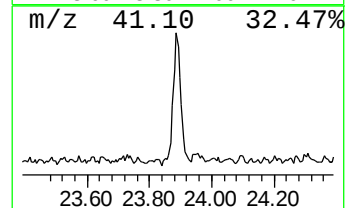
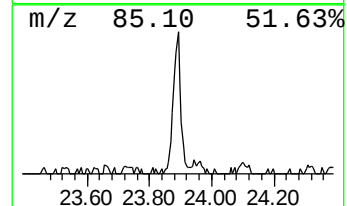
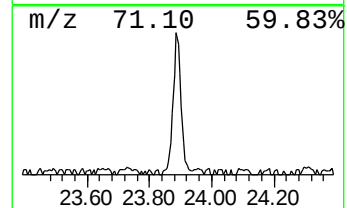
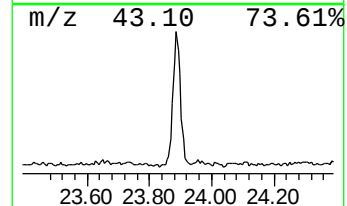
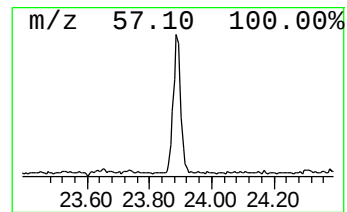
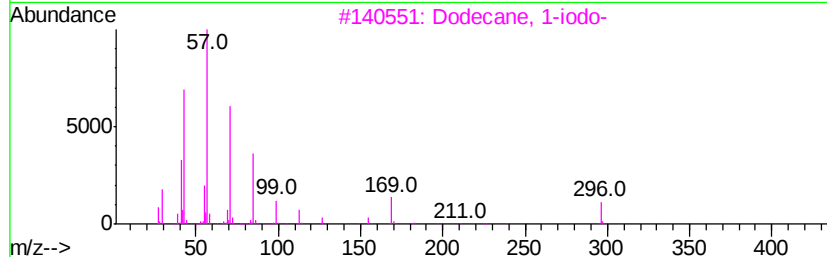
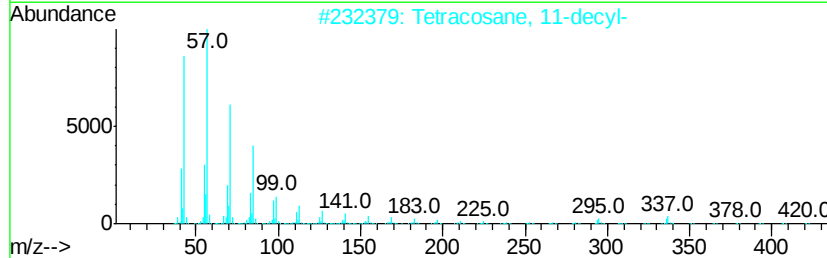
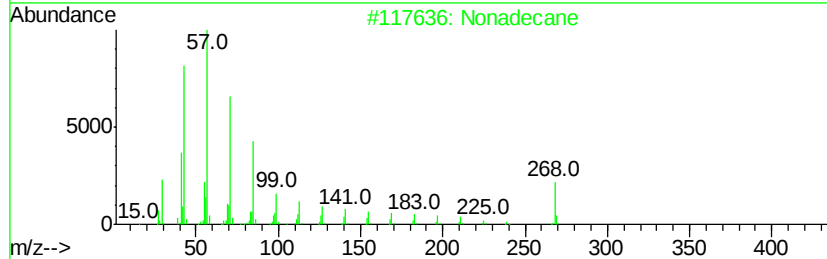
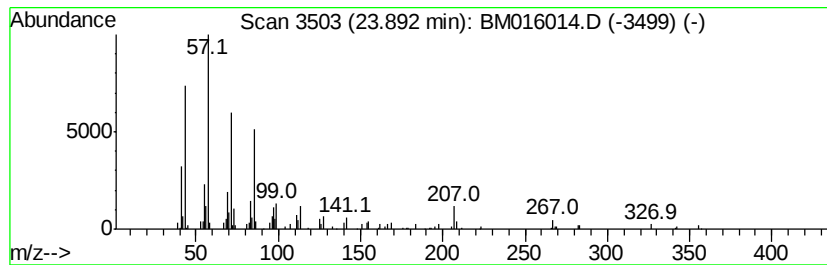
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	2.22 ng/ul	109390	Perylene-d12	24.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5		Eicosane	282	C20H42	000112-95-8	87



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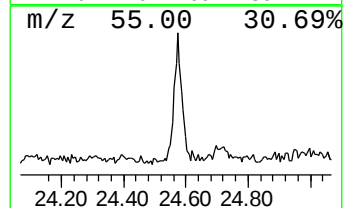
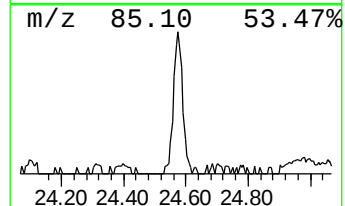
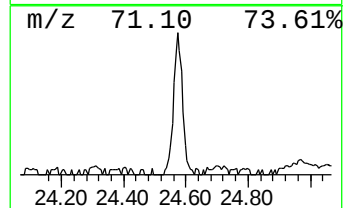
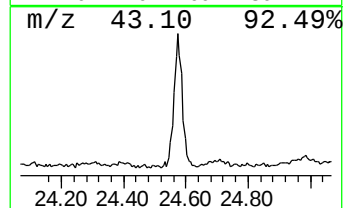
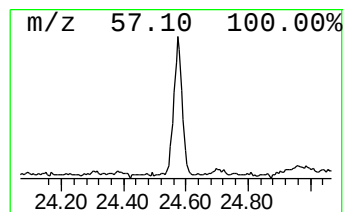
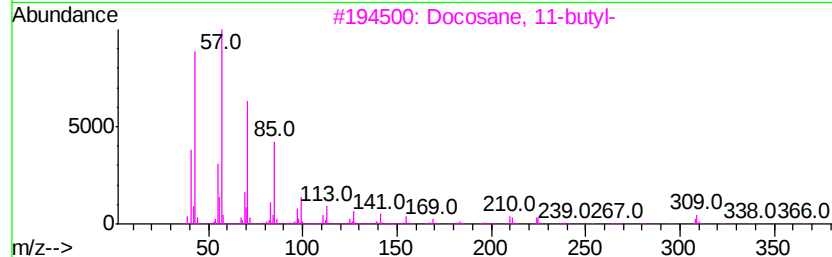
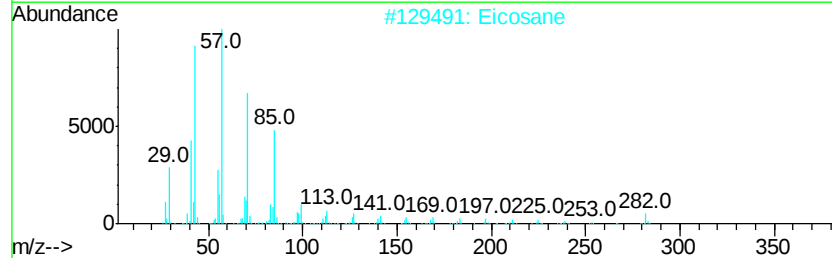
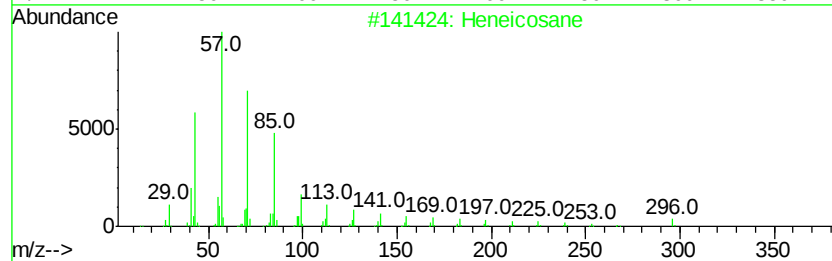
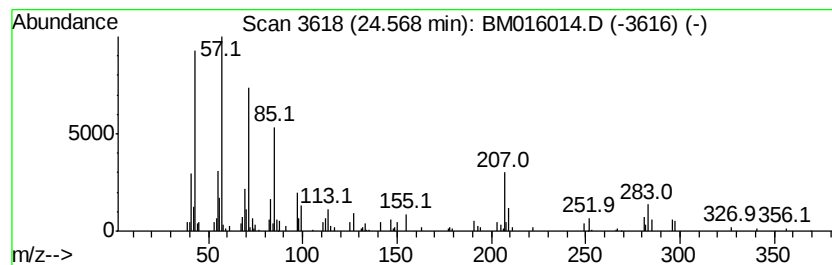
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.57	3.01 ng/ul	148037	Perylene-d12	24.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Eicosane	282	C20H42	000112-95-8	86
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	70
4		Eicosane, 9-octyl-	394	C28H58	013475-77-9	64
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.44	2.1	ng/ul	97696	4	17.60	911505	20.0
(DEL) Alkane: Str...	23.29	2.8	ng/ul	136185	6	24.10	983884	20.0
(DEL) Alkane: Str...	23.89	2.2	ng/ul	109390	6	24.10	983884	20.0
(DEL) Alkane: Str...	24.57	3.0	ng/ul	148037	6	24.10	983884	20.0