

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
 Data File : BM004614.D
 Acq On : 16 Mar 2016 00:59
 Operator : UM/SJ
 Sample : H1710-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MS-DS-E210

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.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	3.334	106	110	117	rVB	14146	17623	1.08%	0.113%
2	6.998	727	733	746	rVB	207735	337639	20.73%	2.171%
3	7.175	755	763	772	rBV	178605	273948	16.82%	1.762%
4	7.375	791	797	805	rBV	226865	349117	21.43%	2.245%
5	7.846	871	877	885	rBV	202527	318434	19.55%	2.048%
6	8.540	988	995	1002	rBV	272413	427118	26.22%	2.747%
7	8.998	1066	1073	1083	rVB	187411	303476	18.63%	1.952%
8	9.716	1189	1195	1204	rVB	143666	239360	14.70%	1.539%
9	10.251	1280	1286	1294	rBV	262723	419311	25.74%	2.696%
10	10.634	1343	1351	1361	rVB	279373	477698	29.33%	3.072%
11	10.769	1367	1374	1386	rBV	217443	368651	22.63%	2.371%
12	13.886	1898	1904	1908	rBV	490636	678094	41.63%	4.361%
13	13.933	1908	1912	1921	rVB	160843	218061	13.39%	1.402%
14	14.169	1945	1952	1960	rBV	550338	804640	49.40%	5.174%
15	14.304	1967	1975	1983	rBV2	18379	42676	2.62%	0.274%
16	14.380	1983	1988	1993	rVV	38855	52379	3.22%	0.337%
17	14.480	1996	2005	2012	rVB2	419536	667665	40.99%	4.294%
18	14.663	2029	2036	2044	rBV	231746	340952	20.93%	2.193%
19	15.327	2145	2149	2155	rVB	57089	73095	4.49%	0.470%
20	15.469	2167	2173	2180	rVB	763616	1073702	65.92%	6.905%
21	15.580	2184	2192	2198	rBV	176555	235926	14.48%	1.517%
22	15.716	2209	2215	2217	rBV2	14130	22663	1.39%	0.146%
23	16.192	2291	2296	2304	rBV	55920	90594	5.56%	0.583%
24	16.980	2425	2430	2436	rBV2	20885	28841	1.77%	0.185%
25	17.221	2465	2471	2477	rBV	588171	829112	50.90%	5.332%
26	17.321	2477	2488	2498	rVV	824420	1208066	74.17%	7.769%
27	18.115	2618	2623	2633	rBV	79393	124837	7.66%	0.803%
28	19.245	2810	2815	2819	rBV	13317	17912	1.10%	0.115%
29	19.392	2836	2840	2846	rBV	30725	40420	2.48%	0.260%
30	19.609	2871	2877	2884	rBV	1082137	1481066	90.93%	9.524%
31	21.109	3128	3132	3141	rBV	118797	165207	10.14%	1.062%
32	21.398	3176	3181	3187	rBV	837028	1085698	66.66%	6.982%
33	22.474	3360	3364	3369	rBV3	41884	61308	3.76%	0.394%
34	23.550	3540	3547	3559	rVB	800083	1628769	100.00%	10.474%

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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 >
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35	23.697	3565	3572	3580	rVB2	537967	1046432	64.25%	6.729%
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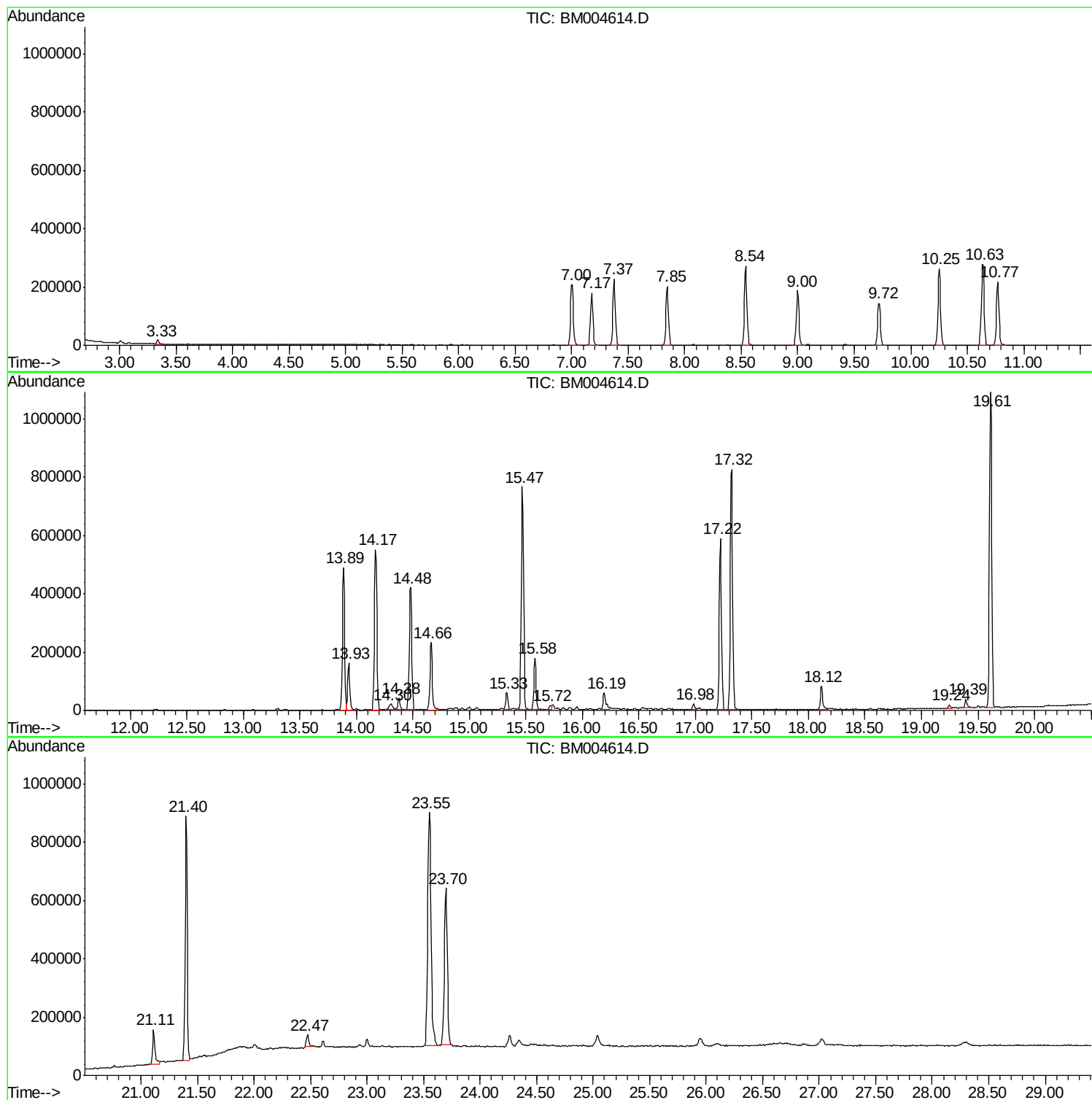
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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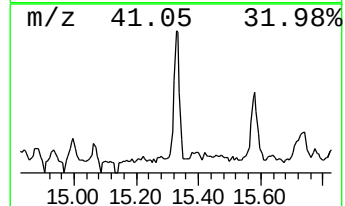
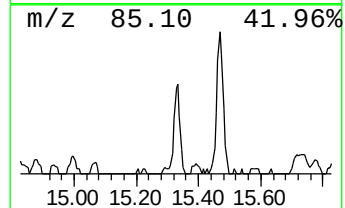
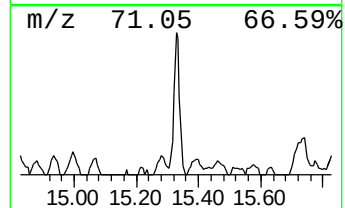
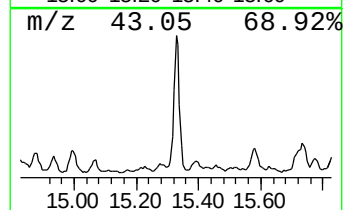
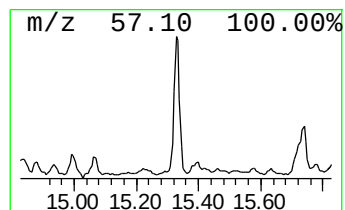
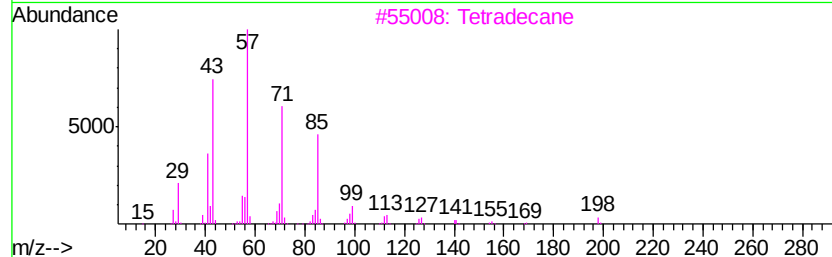
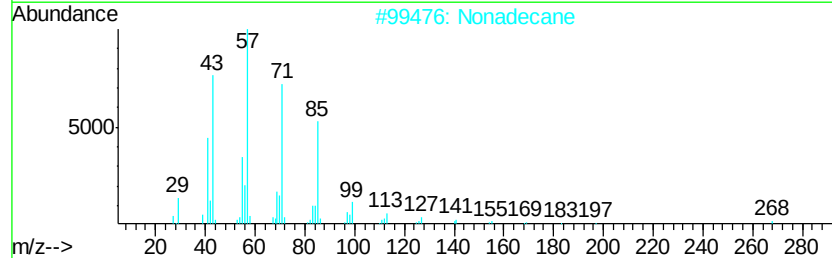
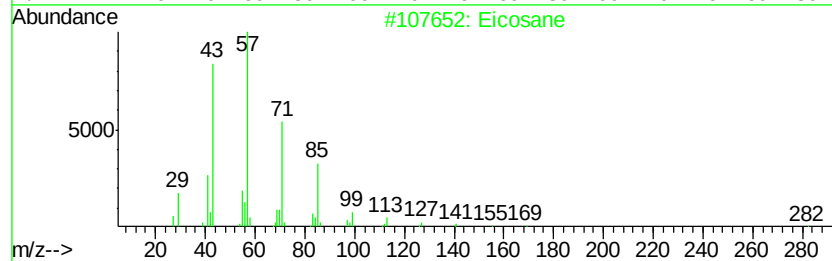
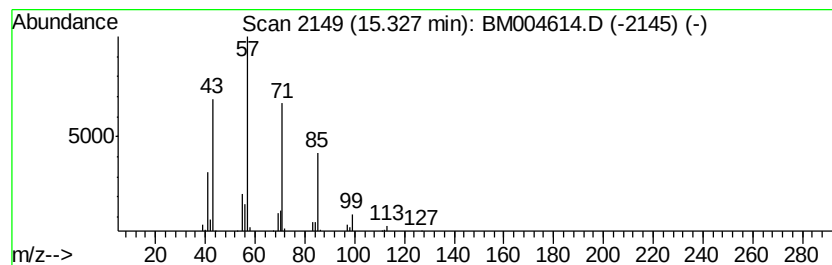
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.19 ng/ul	73095	Acenaphthene-d10	14.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Nonadecane	268	C19H40	000629-92-5	87
3		Tetradecane	198	C14H30	000629-59-4	86
4		Pentadecane	212	C15H32	000629-62-9	86
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86



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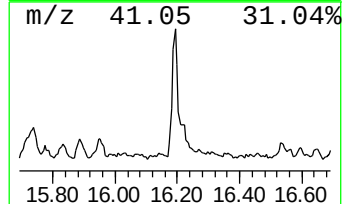
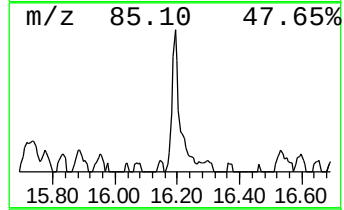
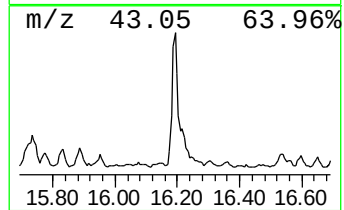
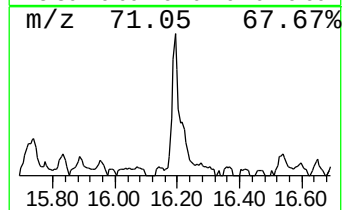
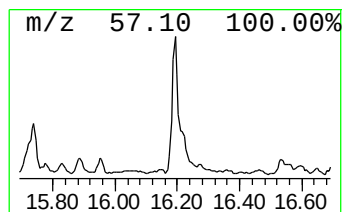
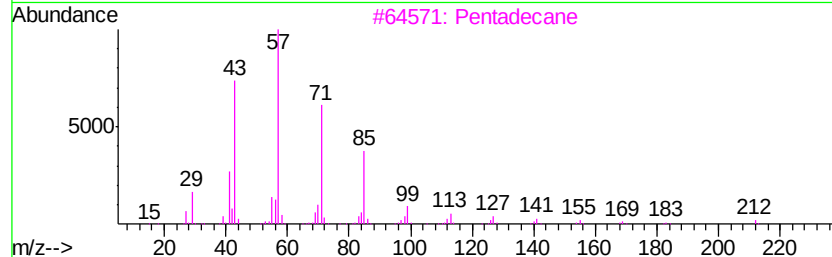
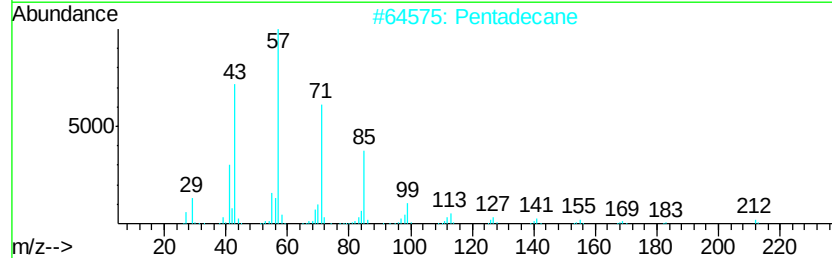
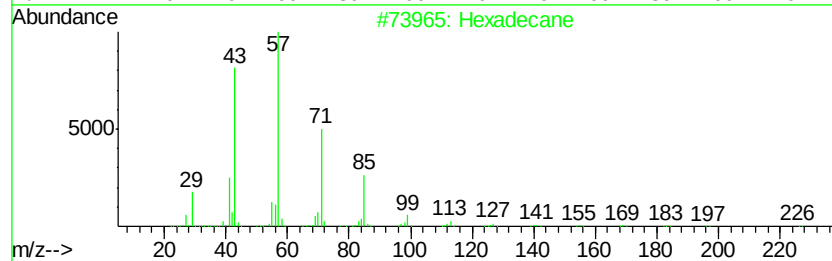
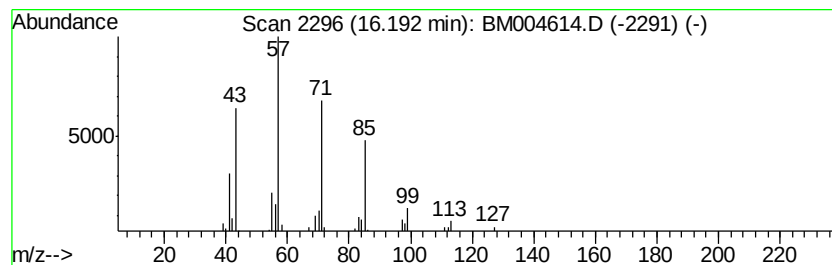
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	2.19 ng/ul	90594	Phenanthrene-d10	17.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Pentadecane	212	C15H32	000629-62-9	86
3		Pentadecane	212	C15H32	000629-62-9	86
4		Tetradecane	198	C14H30	000629-59-4	86
5		Hexadecane	226	C16H34	000544-76-3	83



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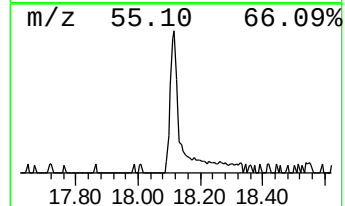
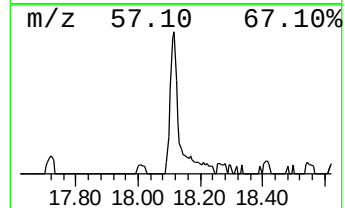
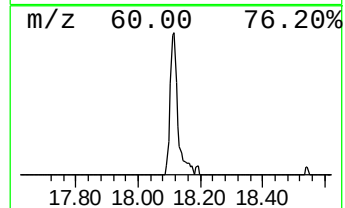
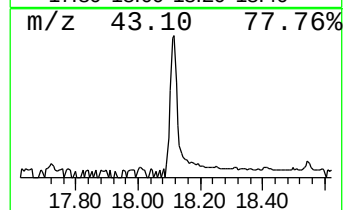
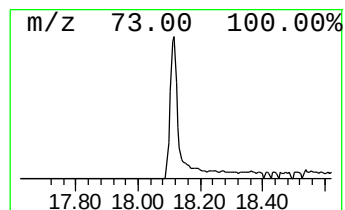
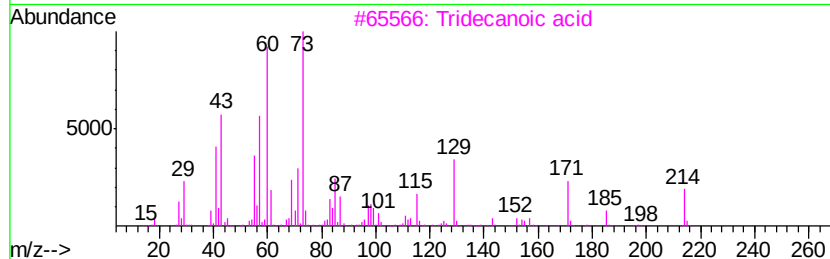
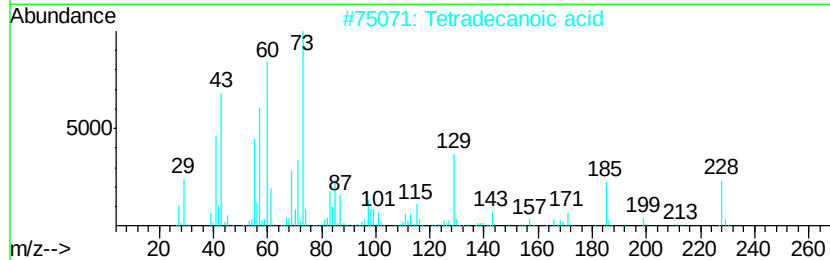
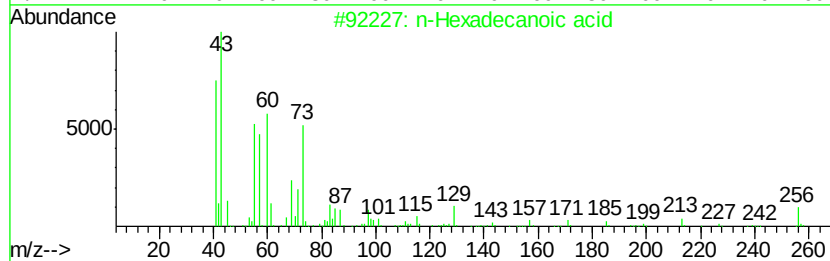
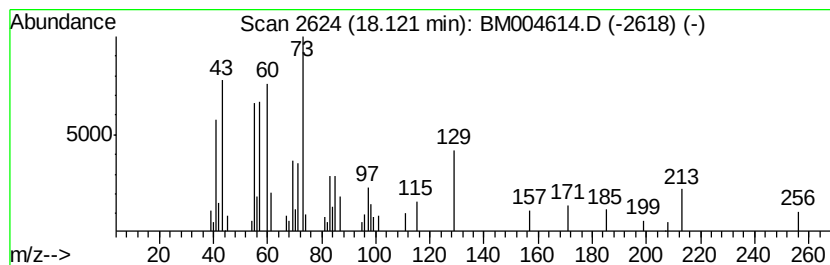
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.12	3.01 ng/ul	124837	Phenanthrene-d10	17.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3		Tridecanoic acid	214	C13H26O2	000638-53-9	80
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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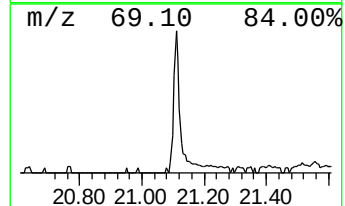
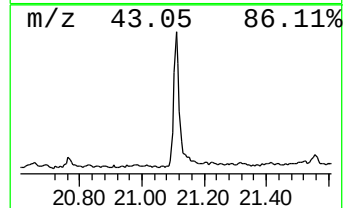
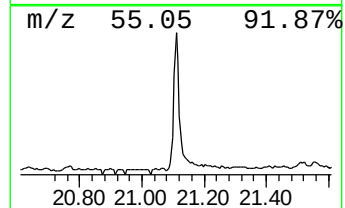
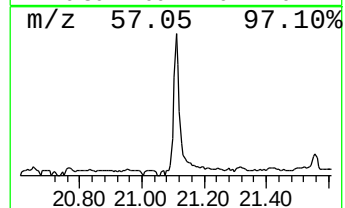
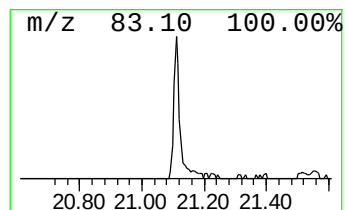
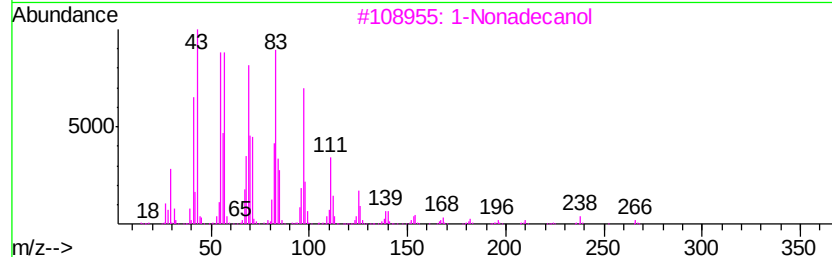
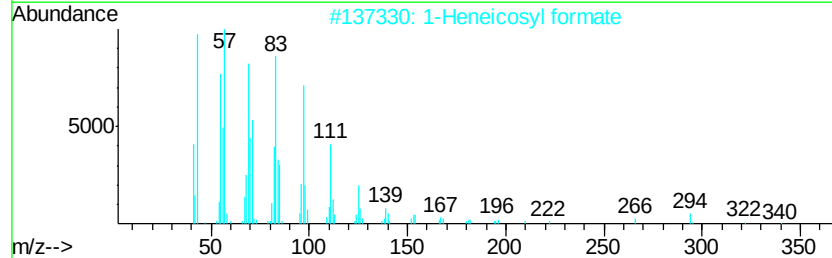
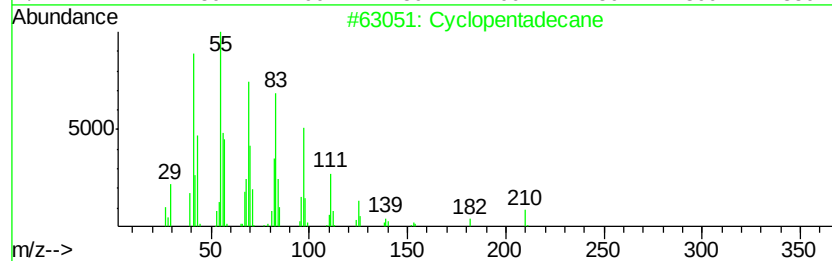
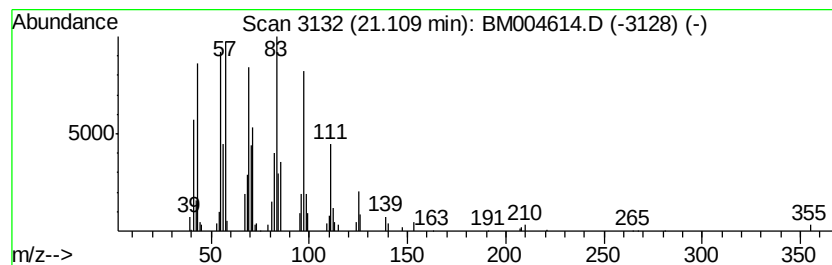
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Cyclic21.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.11	3.04 ng/ul	165207	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	98
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3		1-Nonadecanol	284	C19H40O	001454-84-8	95
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
5		Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	15.33	2.2	ng/ul	73095	3	14.48	667665	20.0
(DEL) Alkane: Str...	16.19	2.2	ng/ul	90594	4	17.22	829112	20.0
n-Hexadecanoic acid	18.12	3.0	ng/ul	124837	4	17.22	829112	20.0
(DEL) Alkane: Cyc...	21.11	3.0	ng/ul	165207	5	21.40	1085700	20.0