

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM120417\
 Data File : BM013170.D
 Acq On : 04 Dec 2017 17:13
 Operator : SJ/JU
 Sample : I6646-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0272

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\SOM-EPA-BM113017.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	6.881	638	645	659	rVB2	669635	1182544	23.60%	2.062%
2	7.046	665	673	682	rBV	517727	805752	16.08%	1.405%
3	7.240	699	706	718	rVB	704012	1105346	22.05%	1.928%
4	7.704	778	785	791	rBV	1024270	1634802	32.62%	2.851%
5	8.410	898	905	915	rBV	815064	1288127	25.70%	2.246%
6	8.851	972	980	990	rBV	691752	1154530	23.04%	2.013%
7	9.569	1095	1102	1109	rBV	581531	948836	18.93%	1.655%
8	10.104	1186	1193	1204	rBV	882836	1452624	28.98%	2.533%
9	10.481	1249	1257	1265	rBV	1401807	2325130	46.39%	4.055%
10	10.622	1272	1281	1290	rBV	809164	1349484	26.93%	2.353%
11	13.169	1709	1714	1721	rBV2	45659	68255	1.36%	0.119%
12	13.757	1808	1814	1818	rBV	1651563	2275450	45.40%	3.968%
13	13.798	1818	1821	1831	rVB	330417	489082	9.76%	0.853%
14	14.033	1855	1861	1868	rVB	1820539	2642821	52.73%	4.609%
15	14.251	1893	1898	1903	rBV	92622	126359	2.52%	0.220%
16	14.339	1905	1913	1921	rBV2	2033505	3121178	62.28%	5.443%
17	14.551	1943	1949	1962	rBV	656762	1028168	20.51%	1.793%
18	15.204	2056	2060	2066	rVB2	95670	122862	2.45%	0.214%
19	15.339	2075	2083	2089	rBV	2203858	3243046	64.71%	5.655%
20	15.457	2096	2103	2110	rBV	670239	943033	18.82%	1.645%
21	15.574	2118	2123	2126	rBV2	31793	53111	1.06%	0.093%
22	16.068	2202	2207	2209	rBV	83940	104088	2.08%	0.182%
23	17.086	2372	2380	2385	rBV2	2722732	3895732	77.73%	6.794%
24	17.127	2385	2387	2391	rVV	215684	269826	5.38%	0.471%
25	17.186	2391	2397	2407	rVB2	2612535	3593124	71.69%	6.266%
26	17.492	2445	2449	2457	rVB	24055	50364	1.00%	0.088%
27	17.992	2529	2534	2543	rVB3	324541	448574	8.95%	0.782%
28	18.151	2553	2561	2565	rBV6	36873	70021	1.40%	0.122%
29	18.504	2617	2621	2628	rVB4	44163	69905	1.39%	0.122%
30	19.145	2722	2730	2738	rVB	415809	628294	12.54%	1.096%
31	19.274	2748	2752	2759	rBV2	251113	325892	6.50%	0.568%
32	19.368	2765	2768	2775	rVB2	34186	59300	1.18%	0.103%
33	19.480	2781	2787	2800	rVB	3167049	4702821	93.83%	8.201%
34	20.009	2873	2877	2880	rVB5	50382	61327	1.22%	0.107%

LSC Area Percent Report

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Integration Parameters: LSCINT.P

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35	20.998	3040	3045	3051	rBV	706196	951250	18.98%	1.659%
36	21.274	3085	3092	3096	rBV	3789030	5011817	100.00%	8.740%
37	21.309	3096	3098	3104	rVB	195593	208906	4.17%	0.364%
38	21.874	3191	3194	3201	rBV8	77532	136155	2.72%	0.237%
39	22.333	3268	3272	3277	rVB2	132011	180009	3.59%	0.314%
40	22.833	3352	3357	3362	rBV2	310352	567235	11.32%	0.989%
41	23.356	3440	3446	3451	rBV2	1932314	3476264	69.36%	6.062%
42	23.497	3463	3470	3483	rVB	2134427	4007012	79.95%	6.988%
43	24.039	3558	3562	3570	rVB3	234079	451123	9.00%	0.787%
44	24.127	3574	3577	3586	rVB9	131231	281149	5.61%	0.490%
45	24.791	3684	3690	3696	rVB3	199187	432977	8.64%	0.755%

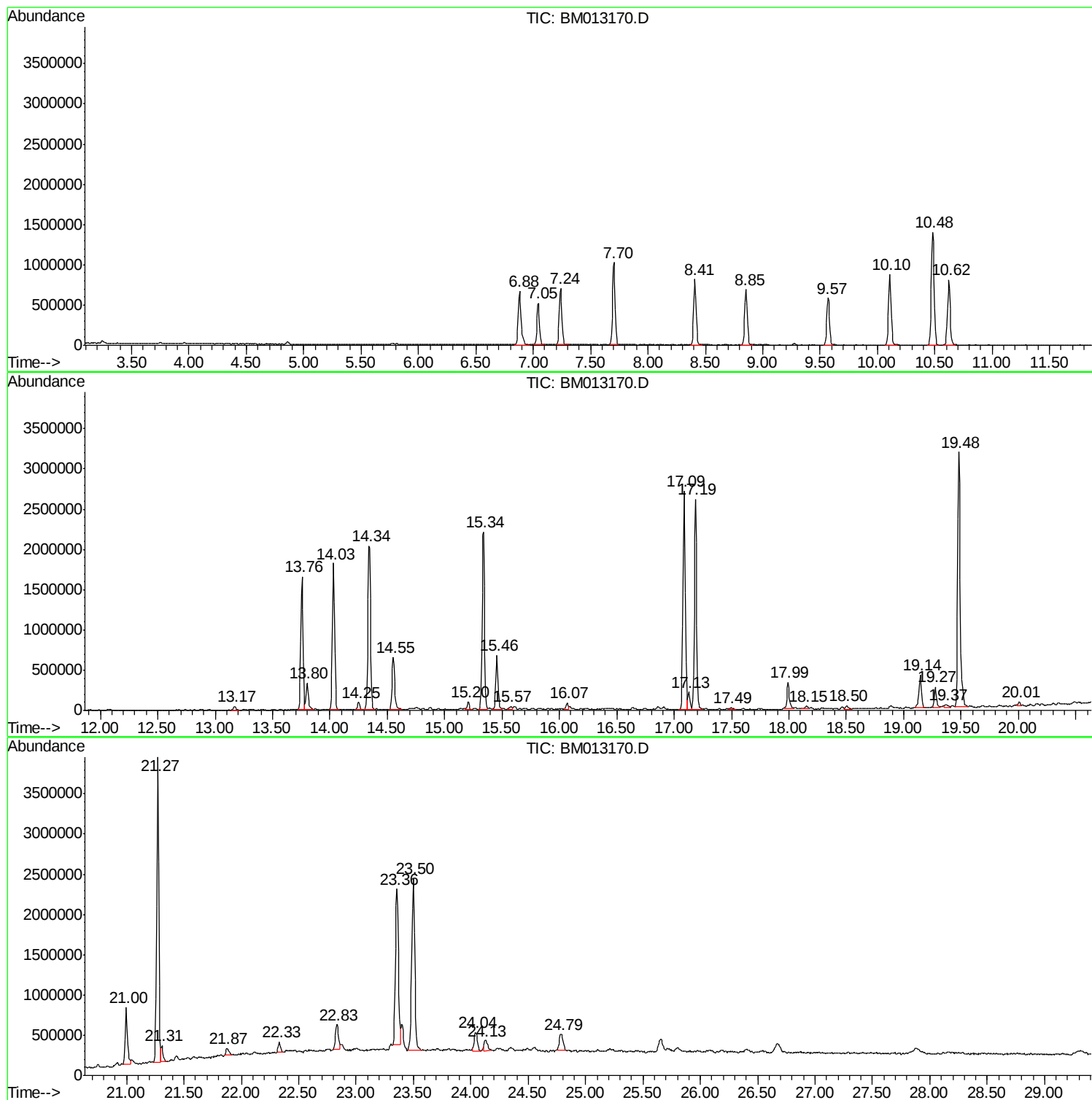
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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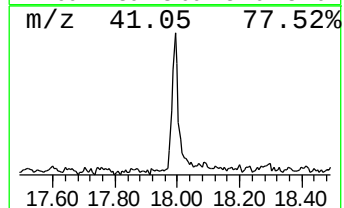
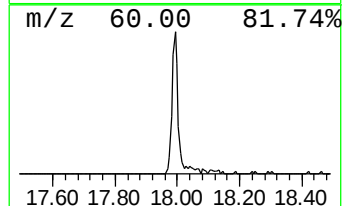
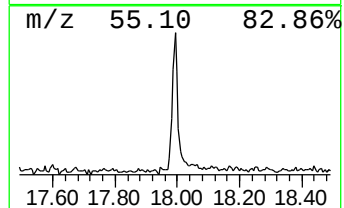
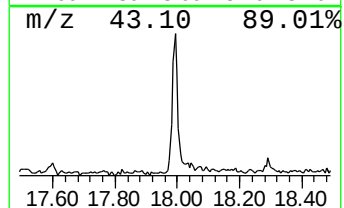
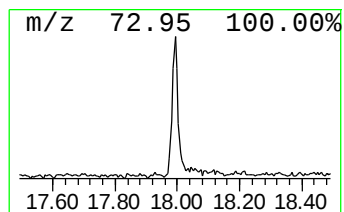
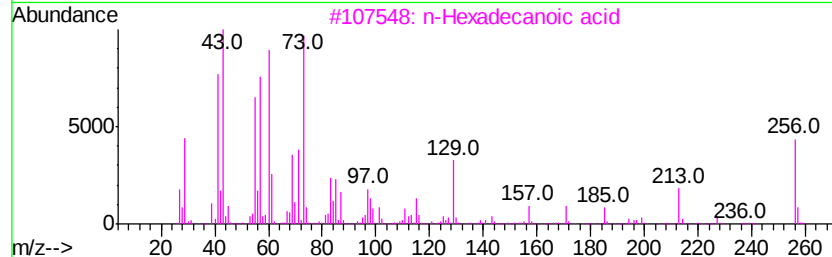
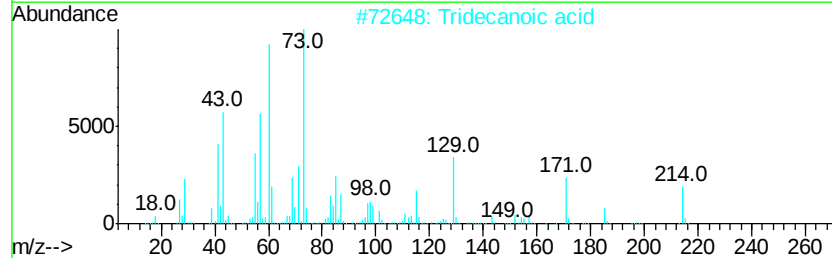
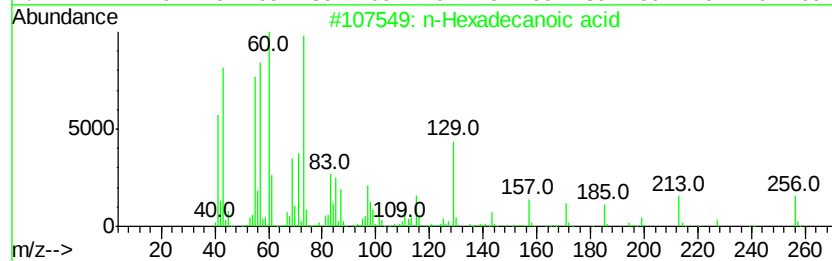
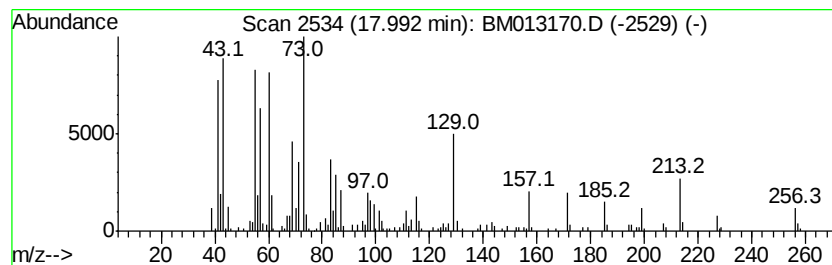
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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	2.30 ng/ul	448574	Phenanthrene-d10	17.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2			Tridecanoic acid	214	C13H26O2	000638-53-9	90
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5			n-Decanoic acid	172	C10H20O2	000334-48-5	78



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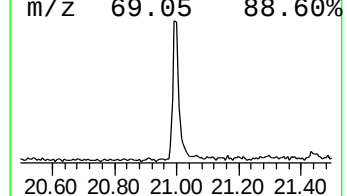
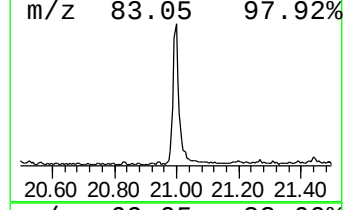
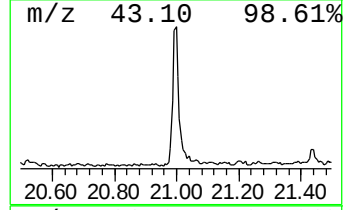
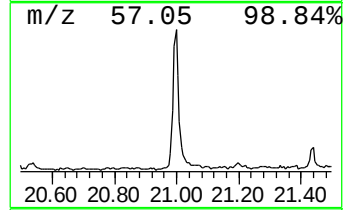
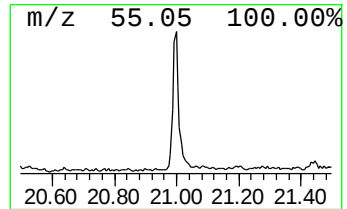
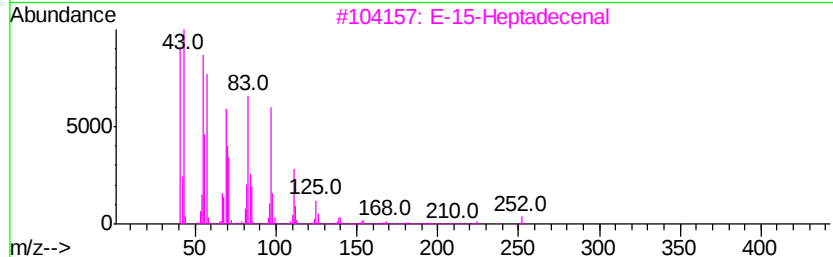
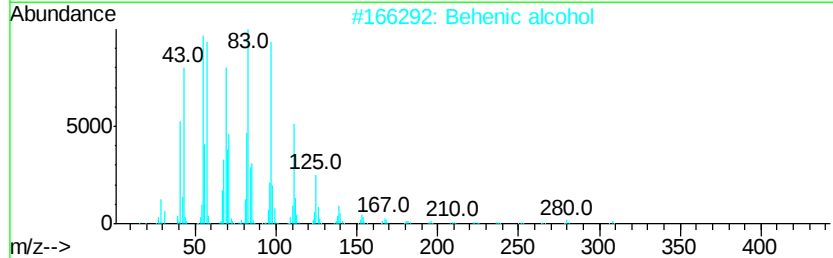
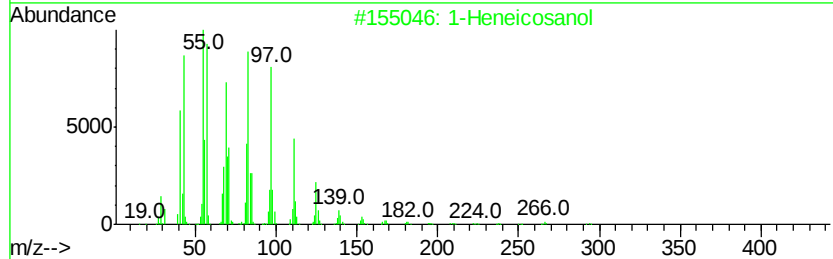
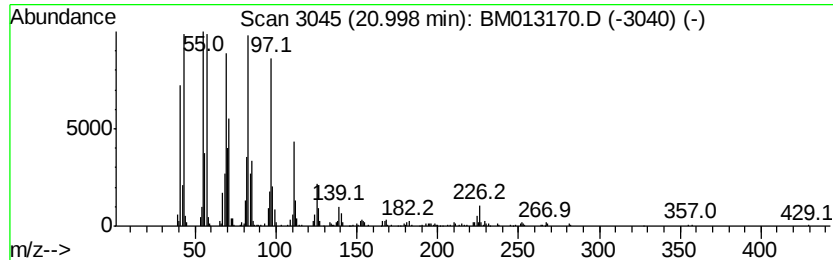
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Peak Number 2 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.80 ng/ul	951250	Chrysene-d12	21.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol		312	C21H44O	015594-90-8	95
2	Behenic alcohol		326	C22H46O	000661-19-8	95
3	E-15-Heptadecenal		252	C17H32O	1000130-97-9	94
4	Heptafluorobutyric acid, penta...		424	C19H31F7O2	959261-23-5	94
5	Pentafluoropropionic acid, penta...		374	C18H31F5O2	959092-08-1	94



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ALS Vial : 12 Sample Multiplier: 1

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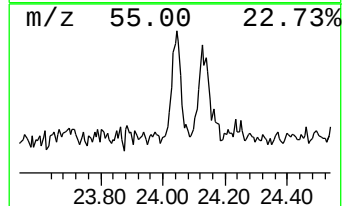
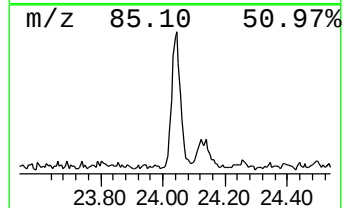
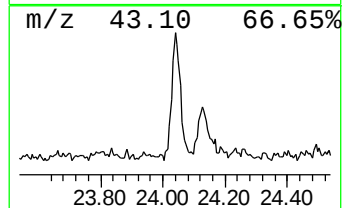
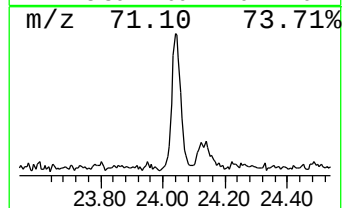
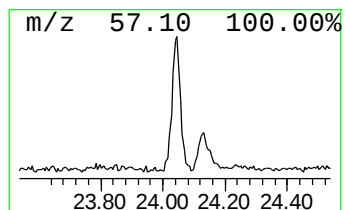
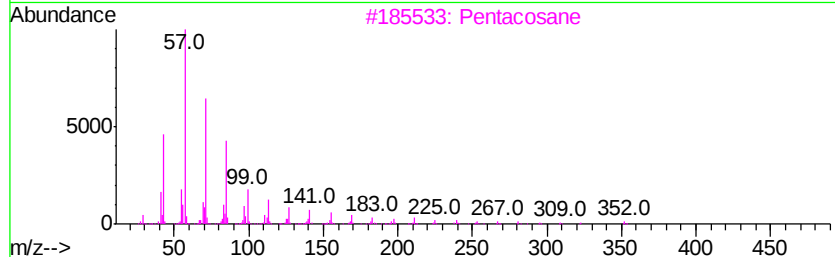
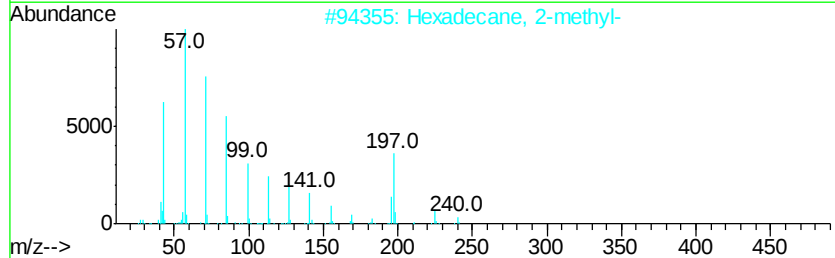
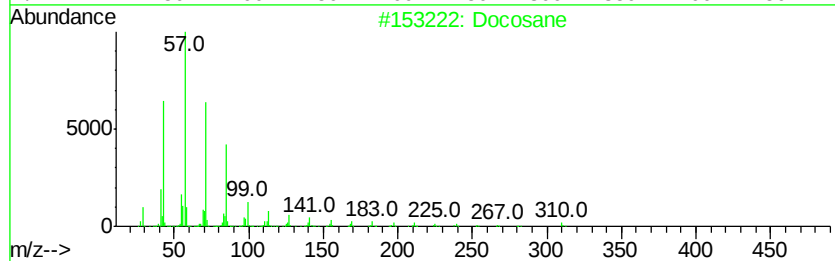
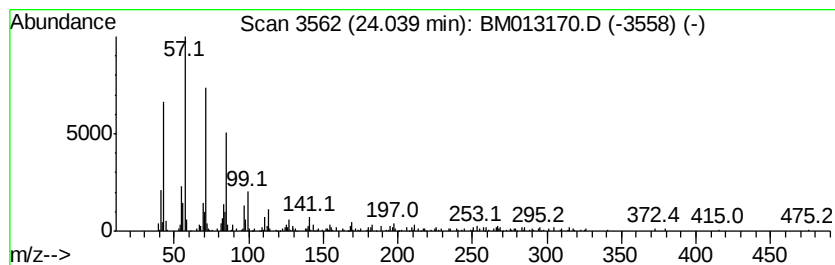
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	2.25 ng/ul	451123	Perylene-d12	23.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	93
2			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
3			Pentacosane	352	C25H52	000629-99-2	91
4			triacontane	422	C30H62	000638-68-6	91
5			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	90



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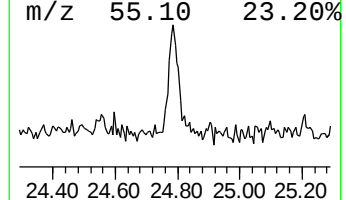
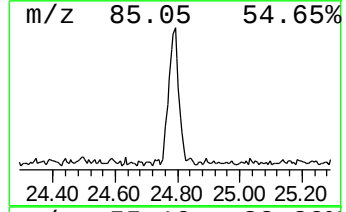
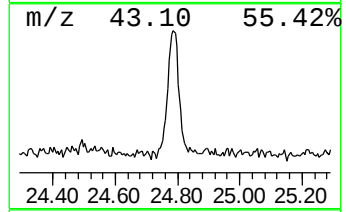
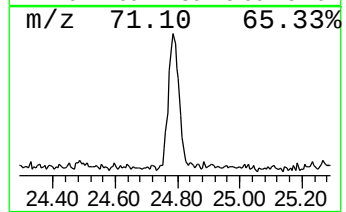
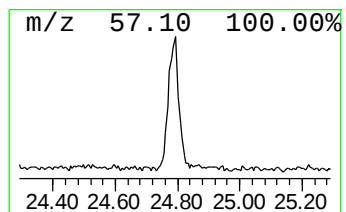
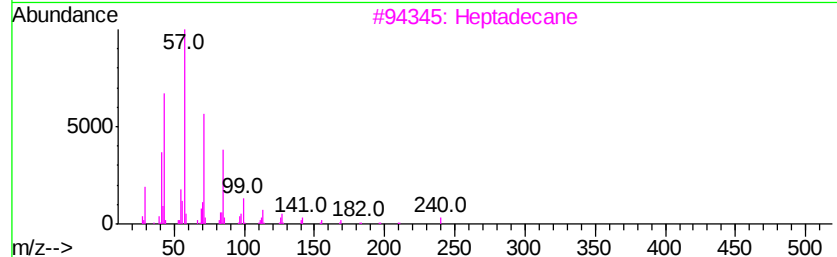
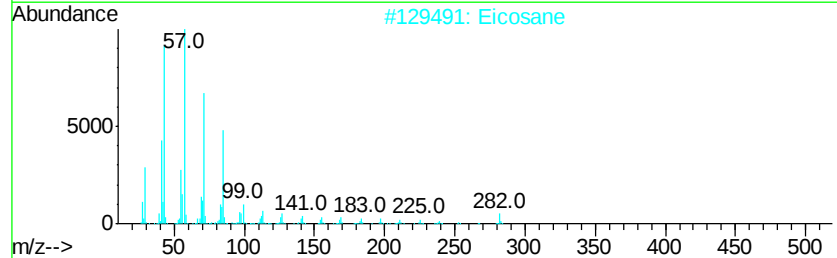
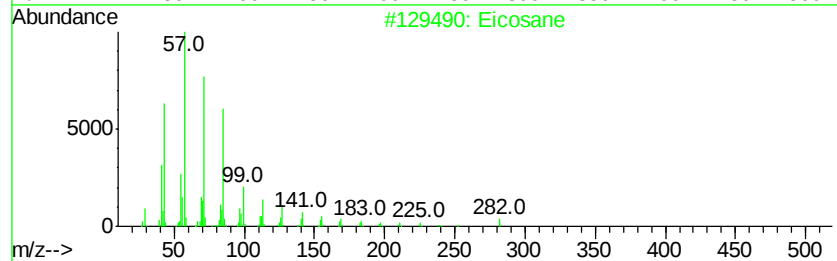
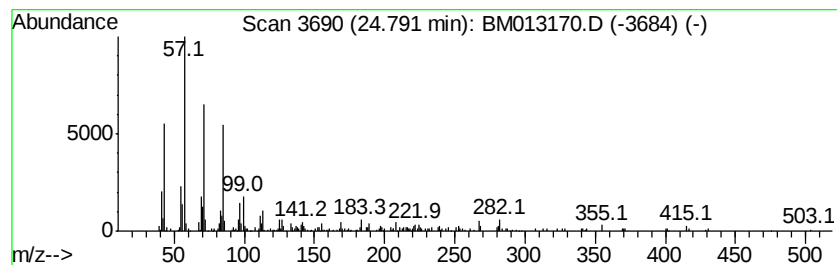
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.79	2.16 ng/ul	432977	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Eicosane	282	C20H42	000112-95-8	90
3		Heptadecane	240	C17H36	000629-78-7	89
4		Nonadecane	268	C19H40	000629-92-5	89
5		Nonadecane	268	C19H40	000629-92-5	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	2.3	ng/ul	448574	4	17.09	3895730	20.0
1-Heneicosanol	21.00	3.8	ng/ul	951250	5	21.27	5011820	20.0
(DEL) Alkane: Str...	24.04	2.3	ng/ul	451123	6	23.50	4007010	20.0
(DEL) Alkane: Str...	24.79	2.2	ng/ul	432977	6	23.50	4007010	20.0