

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
 Data File : BM010639.D
 Acq On : 22 Jun 2017 00:51
 Operator : SJ/JU
 Sample : I3625-20
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5A02

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-BM062017.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	3.769	143	150	159	rBV	165120	226376	11.88%	1.344%
2	6.645	633	639	649	rBV2	129643	216521	11.36%	1.285%
3	6.816	662	668	677	rBV	100267	151240	7.93%	0.898%
4	6.998	694	699	705	rBB	140418	213464	11.20%	1.267%
5	7.463	772	778	785	rBV	295791	437021	22.93%	2.594%
6	8.169	892	898	905	rBV	183442	273395	14.34%	1.623%
7	8.604	966	972	979	rBB	148910	225934	11.85%	1.341%
8	9.322	1088	1094	1100	rBB2	130551	207112	10.87%	1.229%
9	9.851	1178	1184	1192	rBB	216368	328983	17.26%	1.953%
10	10.227	1241	1248	1254	rBV	410966	677235	35.53%	4.019%
11	10.369	1265	1272	1279	rBB	169433	275592	14.46%	1.636%
12	13.533	1804	1810	1815	rBV	458951	624874	32.78%	3.709%
13	13.580	1815	1818	1825	rVB2	161475	212584	11.15%	1.262%
14	13.798	1849	1855	1865	rBV	434662	647863	33.99%	3.845%
15	14.115	1903	1909	1918	rVB2	716018	1061343	55.68%	6.299%
16	14.321	1939	1944	1954	rBV2	156498	216934	11.38%	1.288%
17	15.115	2073	2079	2086	rVB	625627	858506	45.04%	5.095%
18	15.233	2095	2099	2106	rBV	168833	227823	11.95%	1.352%
19	16.868	2371	2377	2382	rBV	1054778	1420500	74.52%	8.431%
20	16.909	2382	2384	2388	rVV	16588	19119	1.00%	0.113%
21	16.968	2388	2394	2406	rVB	701488	982712	51.55%	5.832%
22	17.792	2529	2534	2542	rBV	130898	164818	8.65%	0.978%
23	18.674	2679	2684	2687	rBV5	14891	20013	1.05%	0.119%
24	18.939	2725	2729	2738	rVB	100696	136069	7.14%	0.808%
25	19.086	2750	2754	2760	rBV2	101158	128054	6.72%	0.760%
26	19.274	2777	2786	2798	rVB2	922905	1348089	70.72%	8.001%
27	19.645	2841	2849	2852	rBV6	10228	23498	1.23%	0.139%
28	19.803	2872	2876	2883	rVB6	12315	25907	1.36%	0.154%
29	19.962	2897	2903	2907	rBV4	16149	22840	1.20%	0.136%
30	20.556	3000	3004	3010	rBV3	20269	29629	1.55%	0.176%
31	20.821	3043	3049	3054	rBV5	83841	111238	5.84%	0.660%
32	21.080	3087	3093	3098	rBV	1384911	1906146	100.00%	11.313%
33	21.115	3098	3099	3105	rVB	65469	70903	3.72%	0.421%
34	21.268	3122	3125	3128	rVV4	24805	26431	1.39%	0.157%

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35	21.386	3141	3145	3148	rBV6	16819	25567	1.34%	0.152%
36	22.127	3268	3271	3275	rVB6	48824	64664	3.39%	0.384%
37	22.585	3345	3349	3350	rBV3	91560	112559	5.91%	0.668%
38	23.038	3422	3426	3429	rBV	49133	72659	3.81%	0.431%
39	23.085	3429	3434	3440	rVV2	605069	1016083	53.31%	6.030%
40	23.221	3451	3457	3466	rVB2	820636	1468333	77.03%	8.715%
41	23.756	3544	3548	3555	rVB	95166	168310	8.83%	0.999%
42	24.456	3663	3667	3677	rVB5	88368	203098	10.65%	1.205%
43	25.268	3799	3805	3813	rBV3	70737	199072	10.44%	1.181%

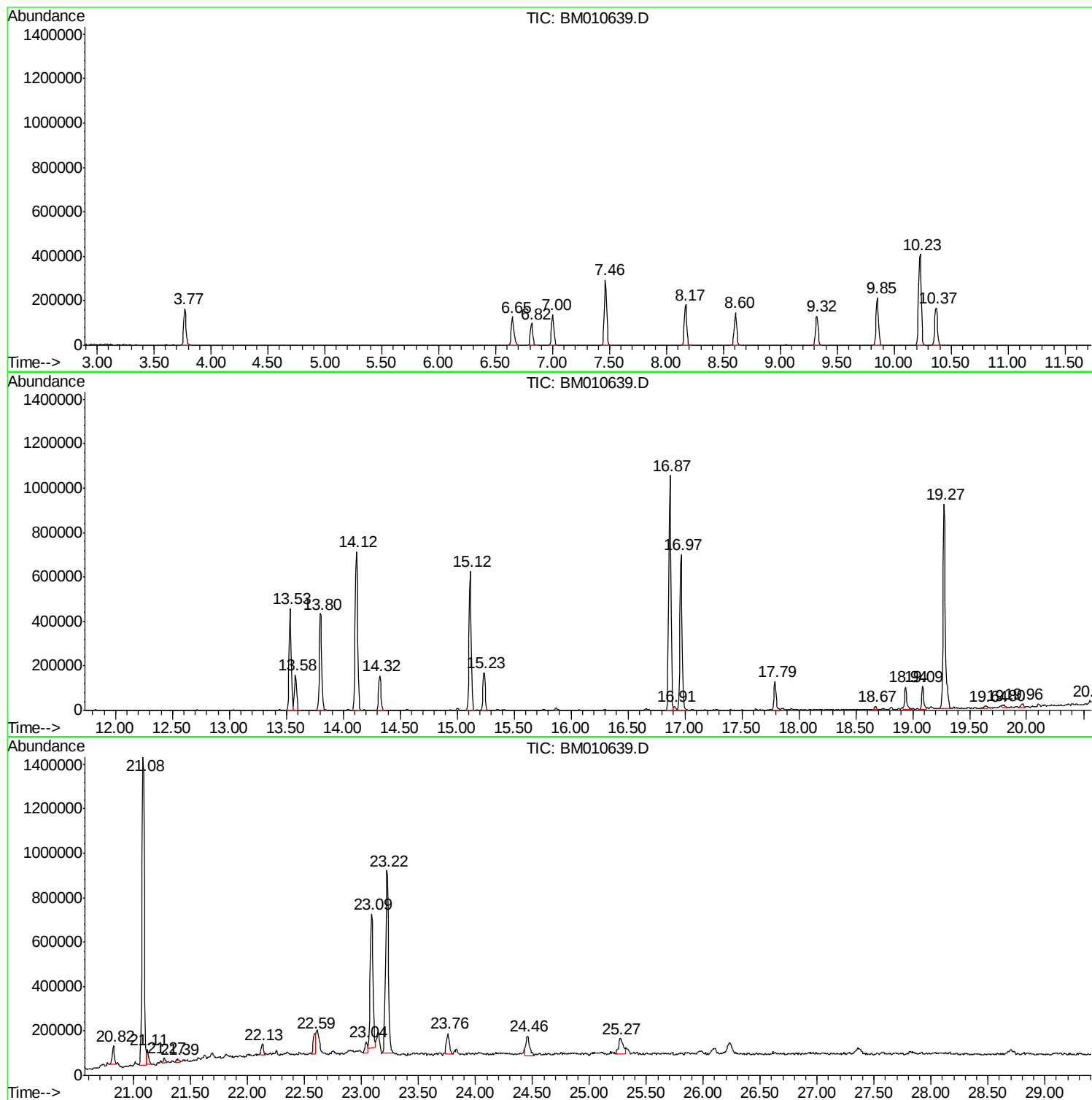
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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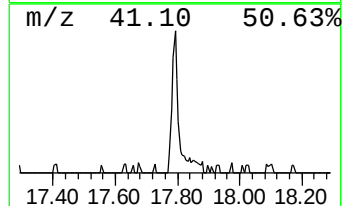
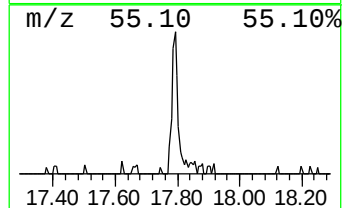
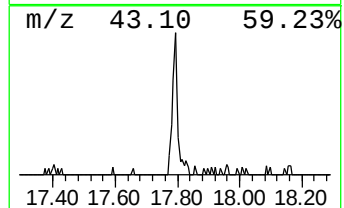
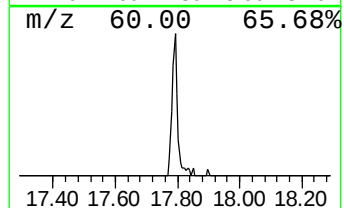
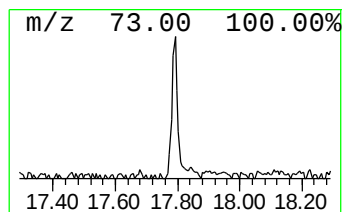
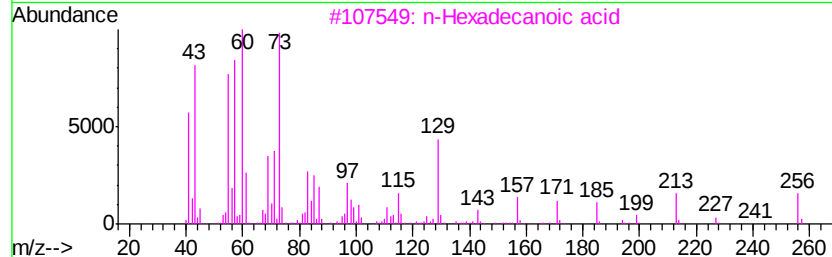
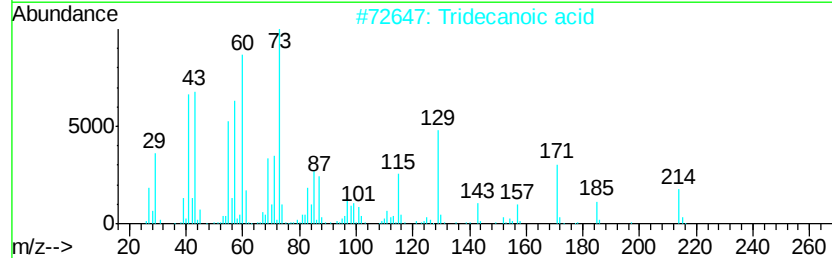
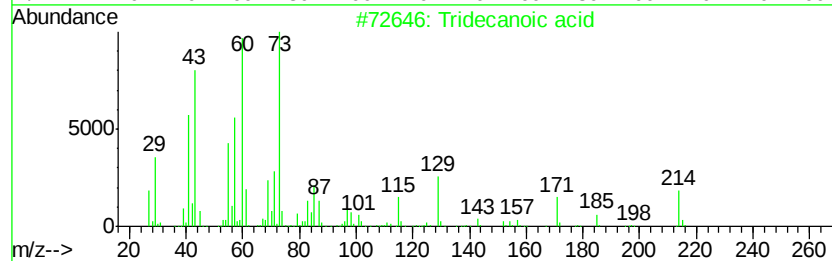
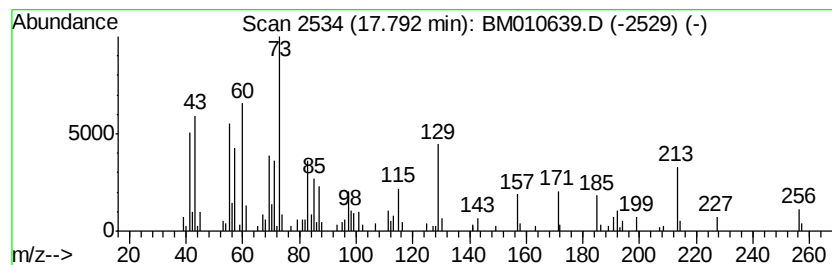
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.79	2.32 ng/ul	164818	Phenanthrene-d10		16.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	95
2			Tridecanoic acid	214	C13H26O2	000638-53-9	92
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4			Tridecanoic acid	214	C13H26O2	000638-53-9	70
5			n-Decanoic acid	172	C10H20O2	000334-48-5	55



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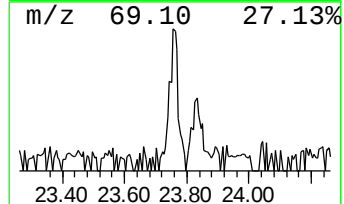
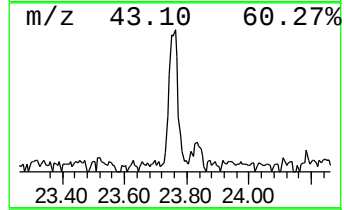
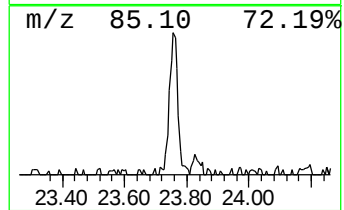
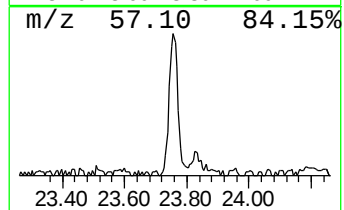
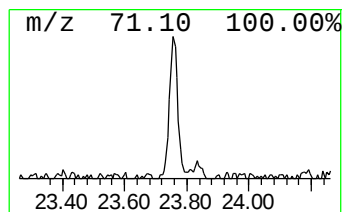
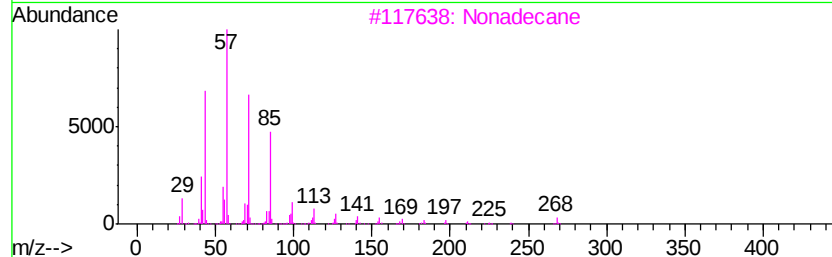
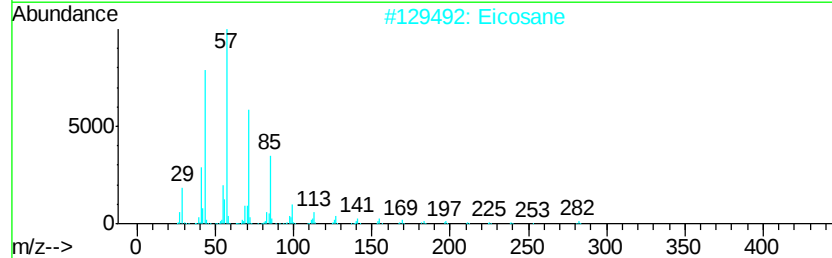
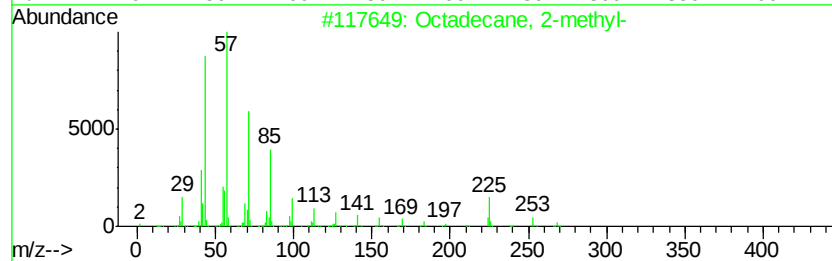
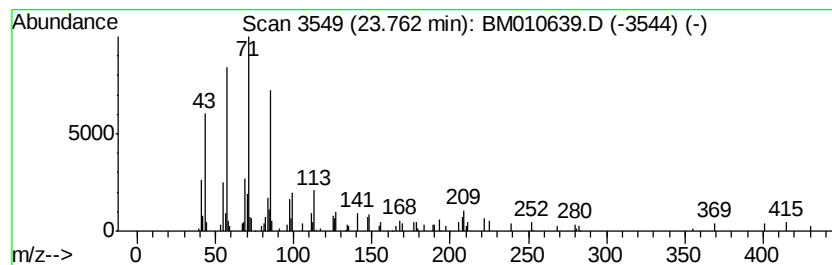
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	2.29 ng/ul	168310	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	81
2		Eicosane	282	C20H42	000112-95-8	81
3		Nonadecane	268	C19H40	000629-92-5	76
4		Hentriacontane	437	C31H64	000630-04-6	74
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	74



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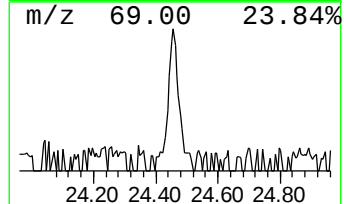
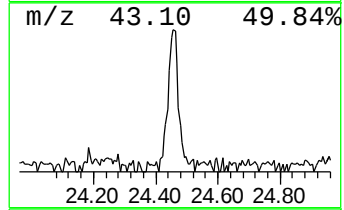
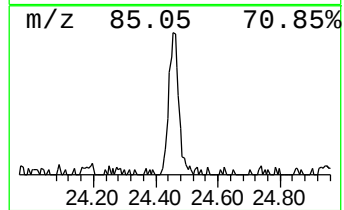
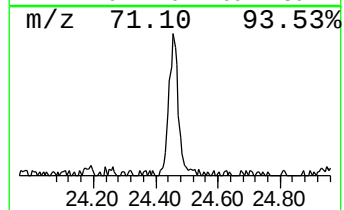
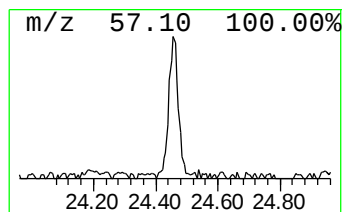
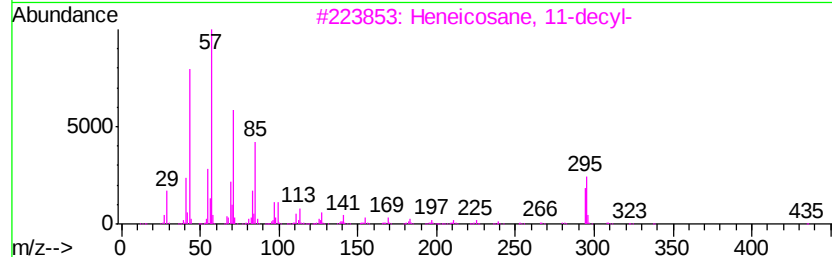
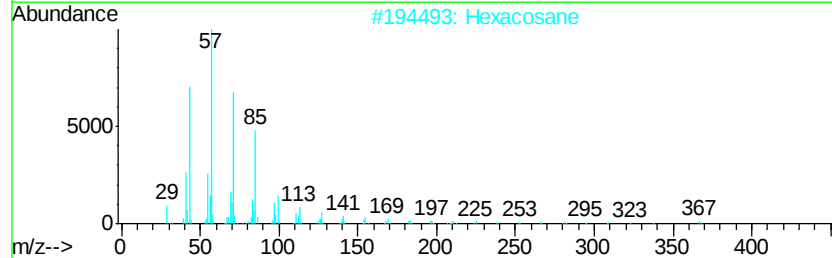
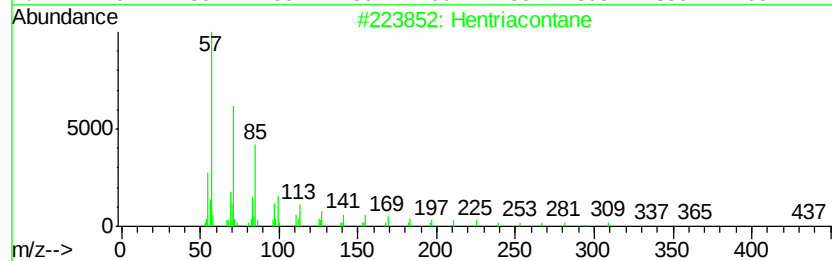
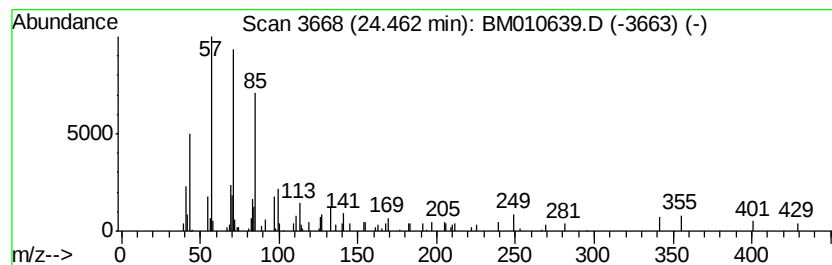
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	2.77 ng/ul	203098	Perylene-d12	23.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	87
2			Hexacosane	366	C26H54	000630-01-3	83
3			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	80
4			Methoxyacetic acid, 4-hexadecyl ...	314	C19H38O3	1000282-99-0	80
5			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80



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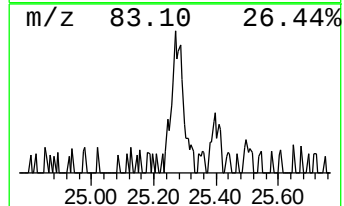
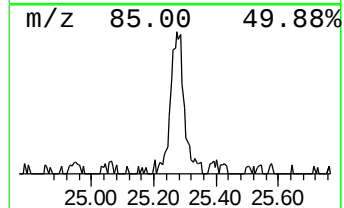
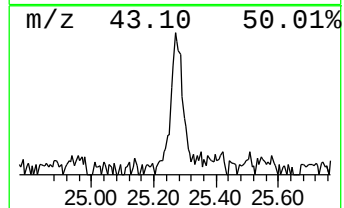
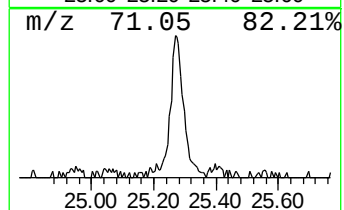
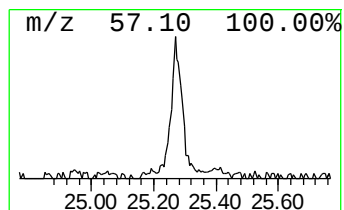
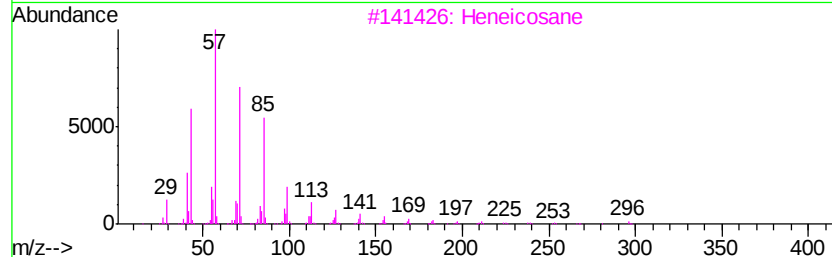
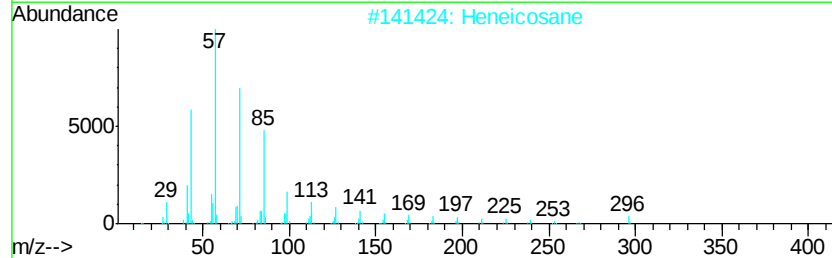
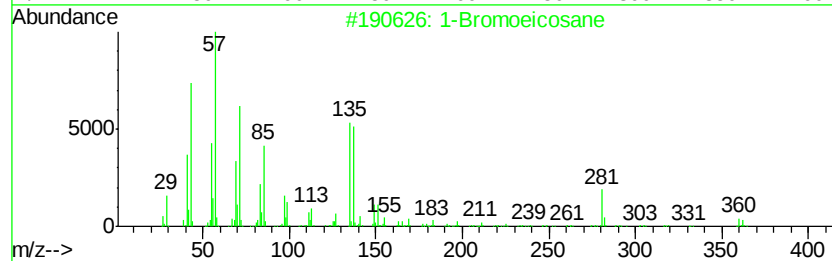
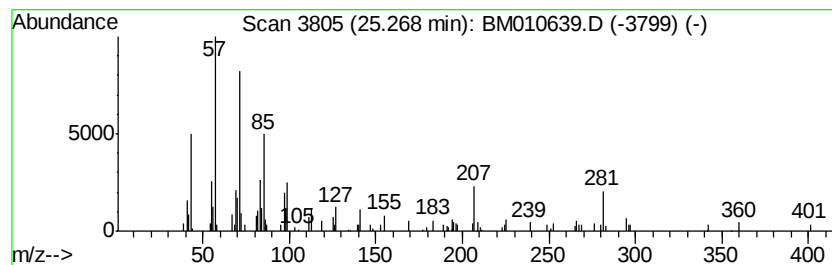
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Peak Number 5 1-Bromoeicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.27	2.71 ng/ul	199072	Perylene-d12	23.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromoeicosane		360	C20H41Br	004276-49-7	97
2	Heneicosane		296	C21H44	000629-94-7	95
3	Heneicosane		296	C21H44	000629-94-7	93
4	Heneicosane		296	C21H44	000629-94-7	83
5	Tetracosane, 11-decyl-		479	C34H70	055429-84-0	68



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tridecanoic acid	17.79	2.3	ng/ul	164818	4	16.87	1420500	20.0
(DEL) Alkane: Str...	23.76	2.3	ng/ul	168310	6	23.22	1468330	20.0
(DEL) Alkane: Str...	24.46	2.8	ng/ul	203098	6	23.22	1468330	20.0
1-Bromoeicosane	25.27	2.7	ng/ul	199072	6	23.22	1468330	20.0