

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
 Data File : BG044191.D
 Acq On : 24 Jan 2020 21:02
 Operator : CG/JU
 Sample : L1247-29
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-13-15-COMP

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % 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 >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG123019.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.508	405	412	429	rBV	1166640	1894067	41.32%	7.609%
2	7.100	675	683	698	rBV	1185535	2160257	47.12%	8.679%
3	7.928	817	824	832	rBV	266245	465694	10.16%	1.871%
4	8.251	870	879	889	rBV	937864	1641739	35.81%	6.596%
5	9.086	1013	1021	1032	rBV	712290	1314839	28.68%	5.282%
6	10.731	1293	1301	1312	rBV	366337	698897	15.25%	2.808%
7	13.187	1712	1719	1737	rBV	2026635	3313688	72.28%	13.313%
8	14.015	1853	1860	1874	rBV	178921	303425	6.62%	1.219%
9	14.562	1946	1953	1974	rVB2	659701	1079288	23.54%	4.336%
10	16.048	2199	2206	2231	rBV	1429048	2402228	52.40%	9.651%
11	17.305	2412	2420	2433	rBV	766479	1222042	26.66%	4.910%
12	19.920	2859	2865	2877	rBV	3469009	4584219	100.00%	18.417%
13	21.230	3082	3088	3097	rBV3	94161	220843	4.82%	0.887%
14	21.553	3136	3143	3163	rVB2	757768	1283932	28.01%	5.158%
15	21.765	3174	3179	3184	rVB	59579	84639	1.85%	0.340%
16	22.352	3274	3279	3284	rBV	81228	129948	2.83%	0.522%
17	22.993	3382	3388	3389	rBV2	56054	77478	1.69%	0.311%
18	23.028	3390	3394	3402	rVB	100658	188478	4.11%	0.757%
19	23.210	3419	3425	3431	rVB	41617	73993	1.61%	0.297%
20	23.804	3520	3526	3535	rVB	93895	193579	4.22%	0.778%
21	24.662	3662	3672	3680	rBV2	451350	1301990	28.40%	5.231%
22	25.813	3857	3868	3879	rBV3	54427	174965	3.82%	0.703%
23	27.106	4083	4088	4100	rVB6	25167	80658	1.76%	0.324%

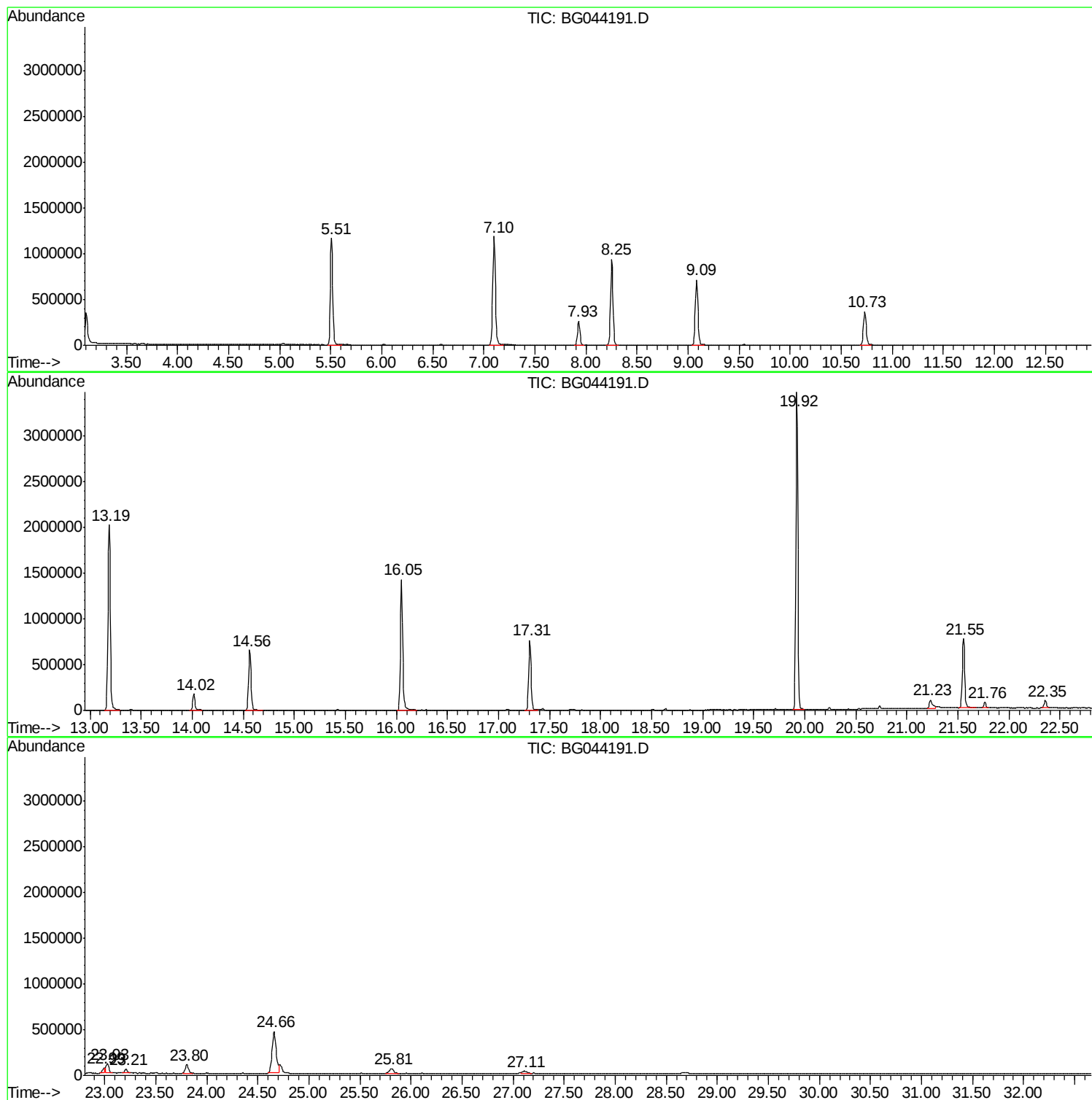
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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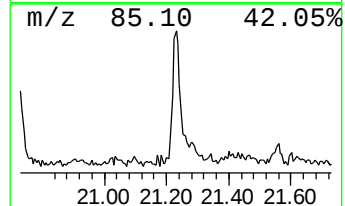
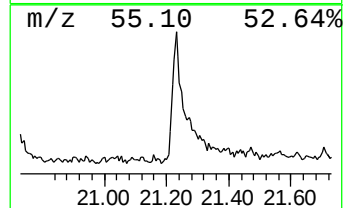
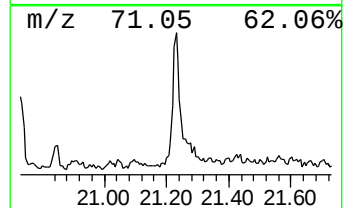
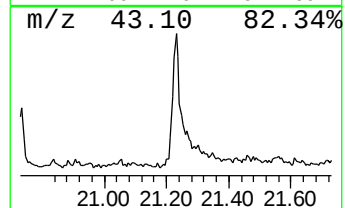
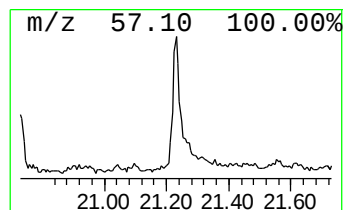
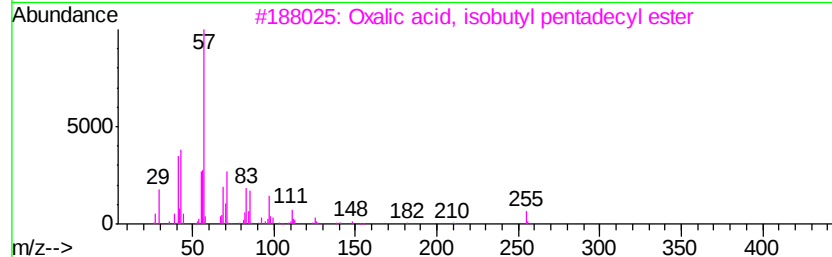
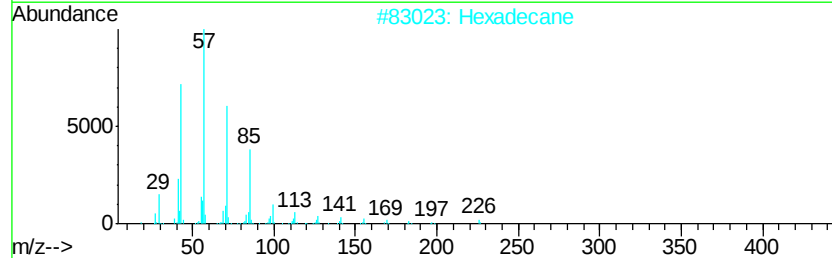
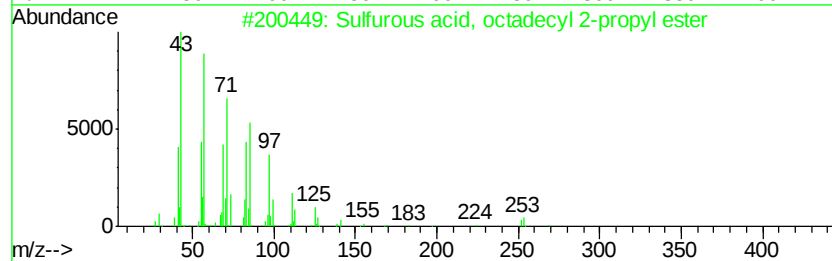
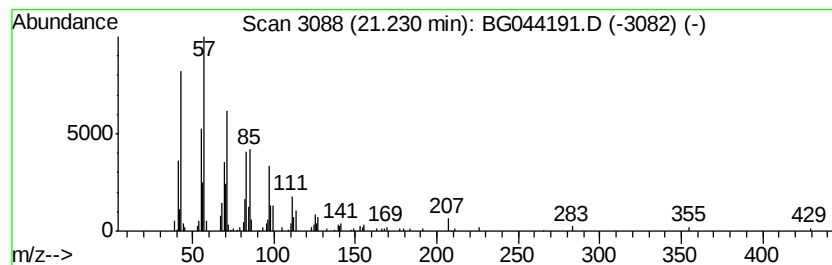
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Sulfurous acid, octadecyl 2... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.23	3.44 ng	220843	Chrysene-d12		21.55	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
4		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
5		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91



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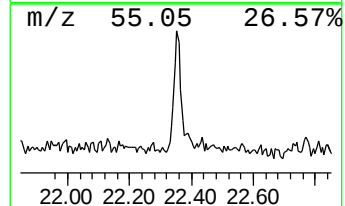
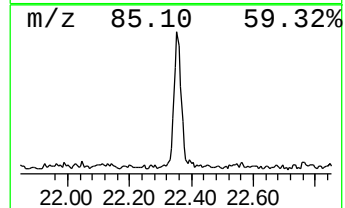
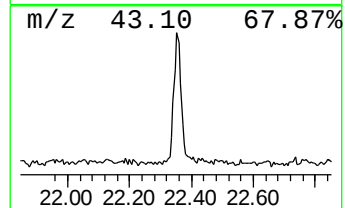
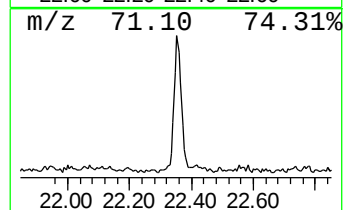
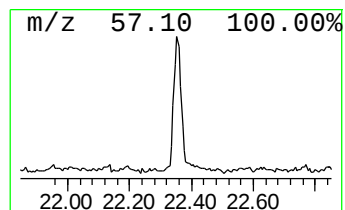
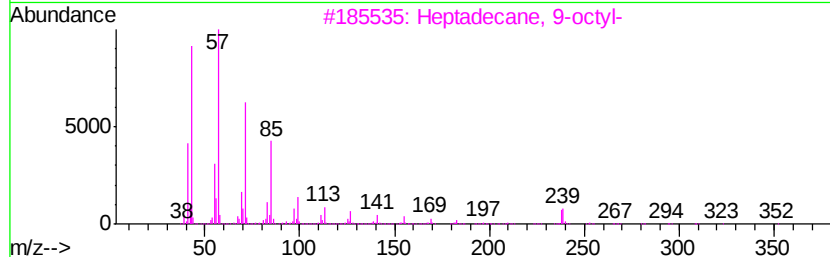
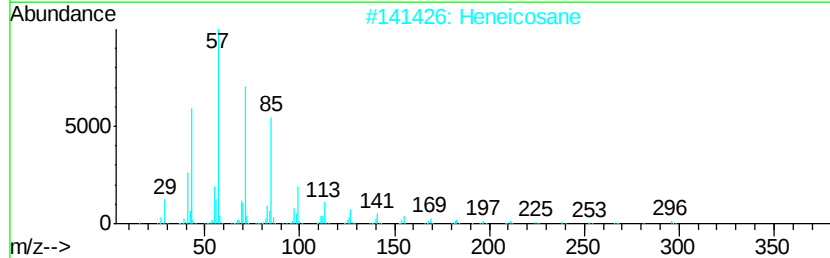
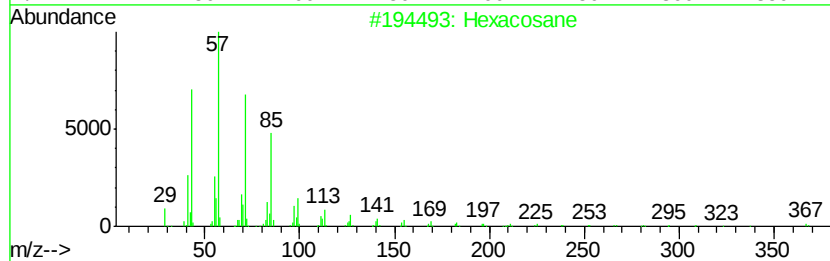
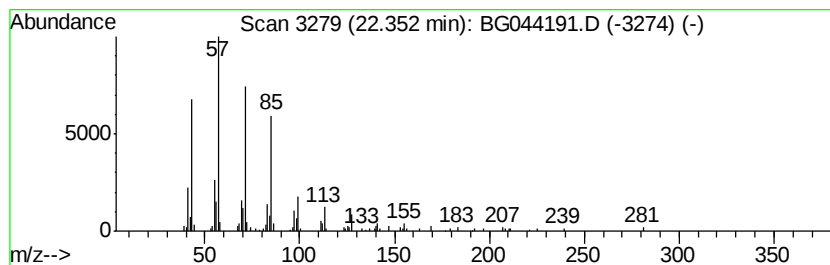
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 3 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.35	2.02 ng	129948	Chrysene-d12	21.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
4	Pentacosane		352	C25H52	000629-99-2	90
5	Octadecane		254	C18H38	000593-45-3	87



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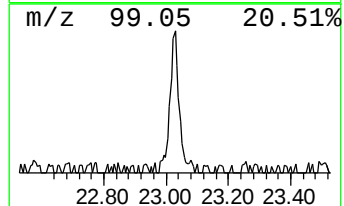
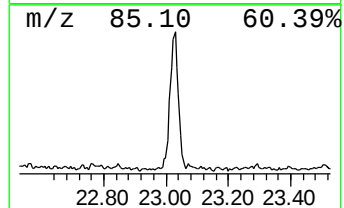
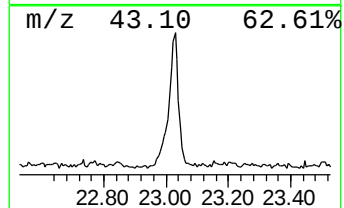
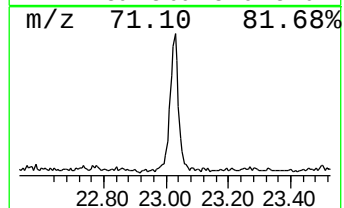
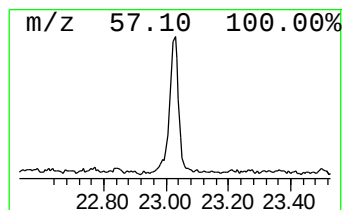
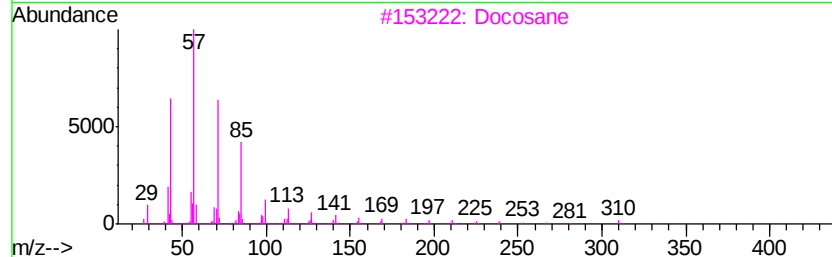
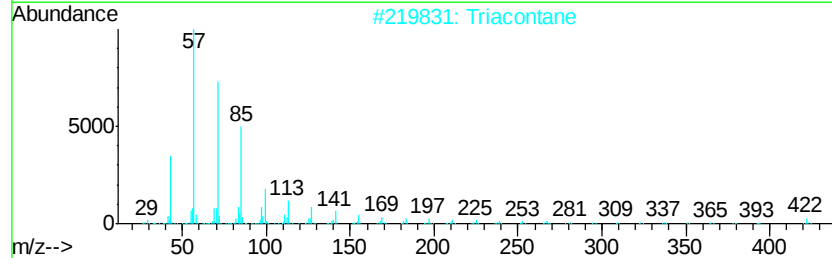
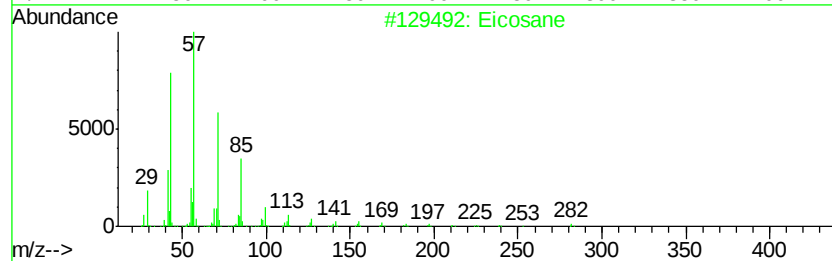
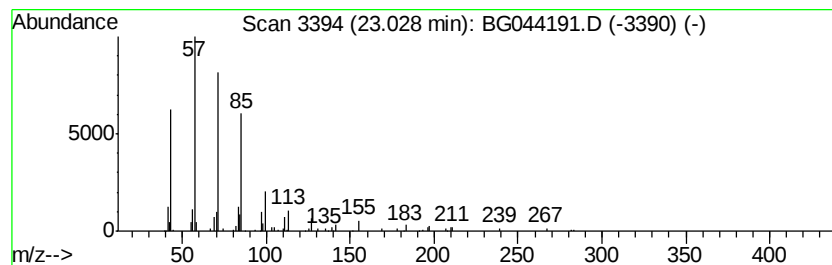
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Peak Number 4 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	2.94 ng	188478	Chrysene-d12	21.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Triacontane	422	C30H62	000638-68-6	90
3		Docosane	310	C22H46	000629-97-0	86
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
5		Heptadecane	240	C17H36	000629-78-7	83



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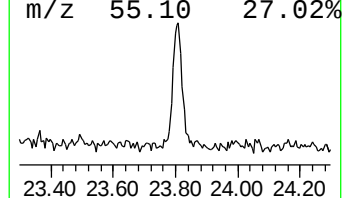
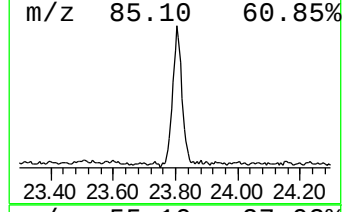
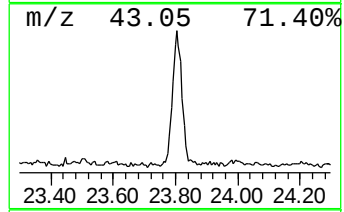
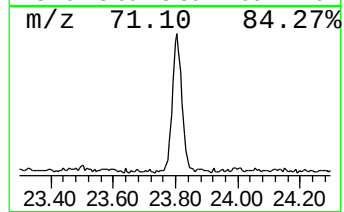
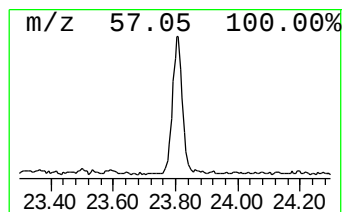
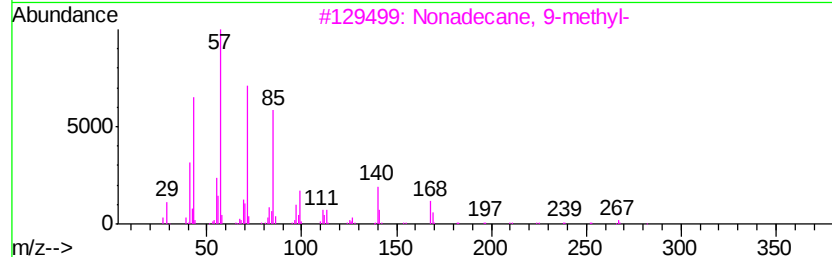
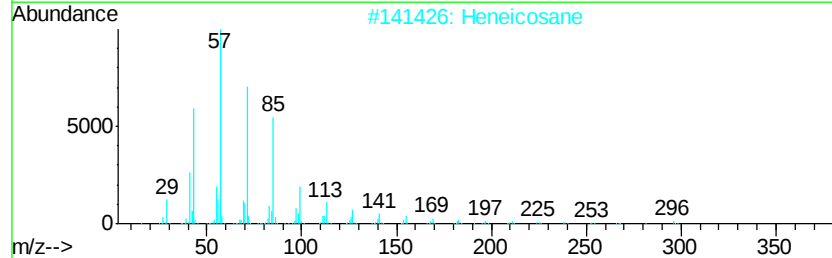
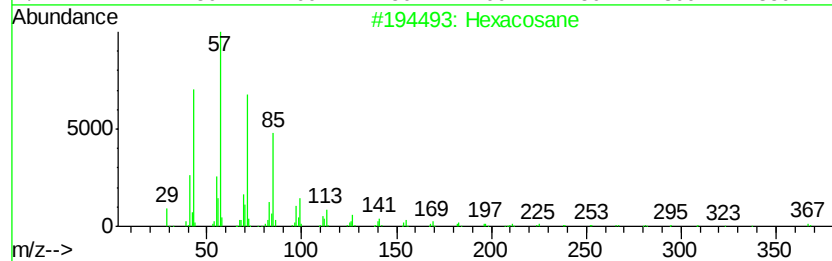
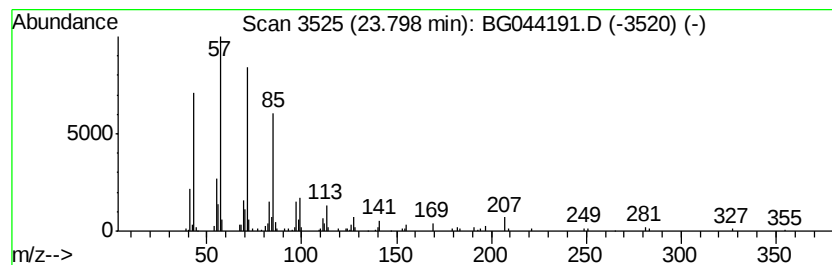
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 Peak Number 5 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	2.97 ng	193579	Perylene-d12	24.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	94
2	Heneicosane		296	C21H44	000629-94-7	90
3	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	87
4	Octadecane		254	C18H38	000593-45-3	87
5	Hentriacontane		437	C31H64	000630-04-6	87



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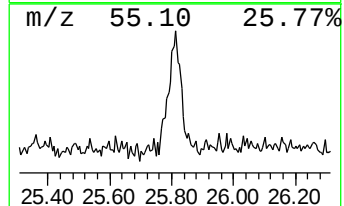
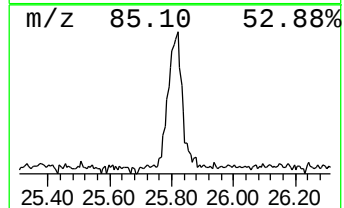
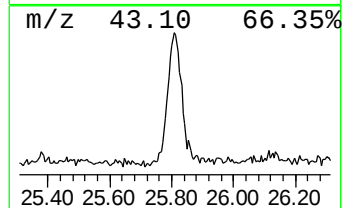
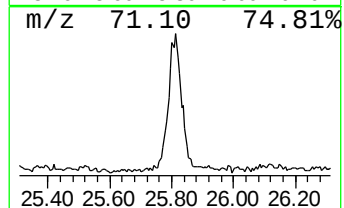
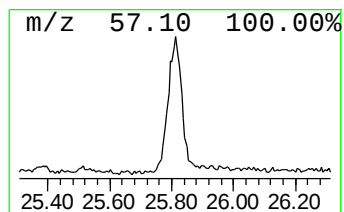
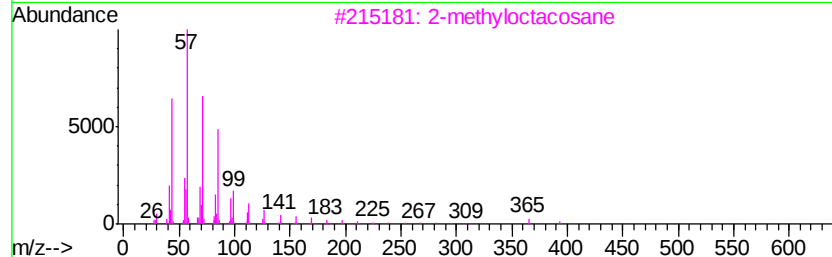
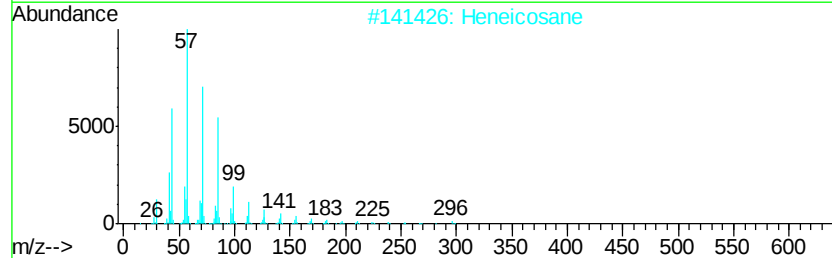
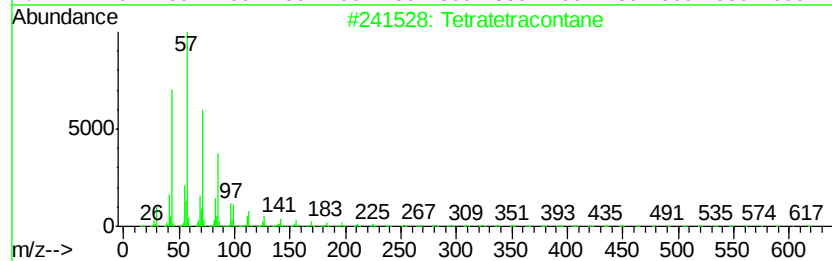
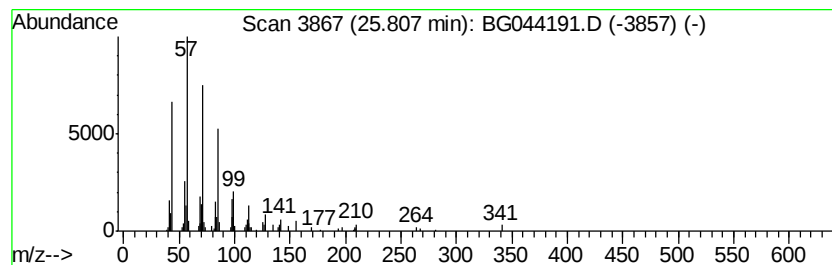
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Peak Number 6 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.81	2.69 ng	174965	Perylene-d12	24.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	87
2		Heneicosane	296	C21H44	000629-94-7	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfurous acid, o...	21.23	3.4	ng	220843	5	21.55	1283930	20.0
Hexacosane	22.35	2.0	ng	129948	5	21.55	1283930	20.0
Eicosane	23.03	2.9	ng	188478	5	21.55	1283930	20.0
Heneicosane	23.80	3.0	ng	193579	6	24.66	1301990	20.0
Tetratetracontane	25.81	2.7	ng	174965	6	24.66	1301990	20.0