

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020520\
 Data File : BG044315.D
 Acq On : 5 Feb 2020 22:02
 Operator : CG/JU
 Sample : L1390-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-5

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % 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_G\METHODS\8270-BG013020.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	5.491	402	409	428	rBV	1439490	2390411	38.38%	7.881%
2	7.089	672	681	697	rBV	1506090	2655155	42.63%	8.754%
3	7.911	812	821	830	rBV	264540	457810	7.35%	1.509%
4	8.240	867	877	886	rBV	1185442	2085676	33.48%	6.876%
5	9.069	1010	1018	1032	rBV	879073	1634948	26.25%	5.390%
6	10.714	1291	1298	1311	rBV	337219	643450	10.33%	2.121%
7	13.176	1709	1717	1731	rBV	2484617	3946066	63.35%	13.010%
8	14.004	1851	1858	1869	rBV	204213	311969	5.01%	1.029%
9	14.551	1944	1951	1960	rBV2	604806	983986	15.80%	3.244%
10	16.043	2197	2205	2224	rBV	2069717	3308722	53.12%	10.909%
11	17.295	2412	2418	2424	rBV	789657	1265826	20.32%	4.173%
12	19.709	2822	2829	2835	rBV	43690	71159	1.14%	0.235%
13	19.915	2857	2864	2874	rBV	4482559	6228806	100.00%	20.536%
14	21.208	3079	3084	3094	rBV	373459	578267	9.28%	1.907%
15	21.543	3134	3141	3156	rBV2	847437	1449646	23.27%	4.779%
16	21.754	3171	3177	3182	rBV	59318	92318	1.48%	0.304%
17	22.342	3272	3277	3283	rBV2	86405	151970	2.44%	0.501%
18	23.011	3385	3391	3399	rVB	96328	171803	2.76%	0.566%
19	23.787	3517	3523	3535	rVB	82348	170638	2.74%	0.563%
20	24.639	3658	3668	3690	rBV2	477092	1594787	25.60%	5.258%
21	25.779	3852	3862	3871	rBV3	45356	137523	2.21%	0.453%

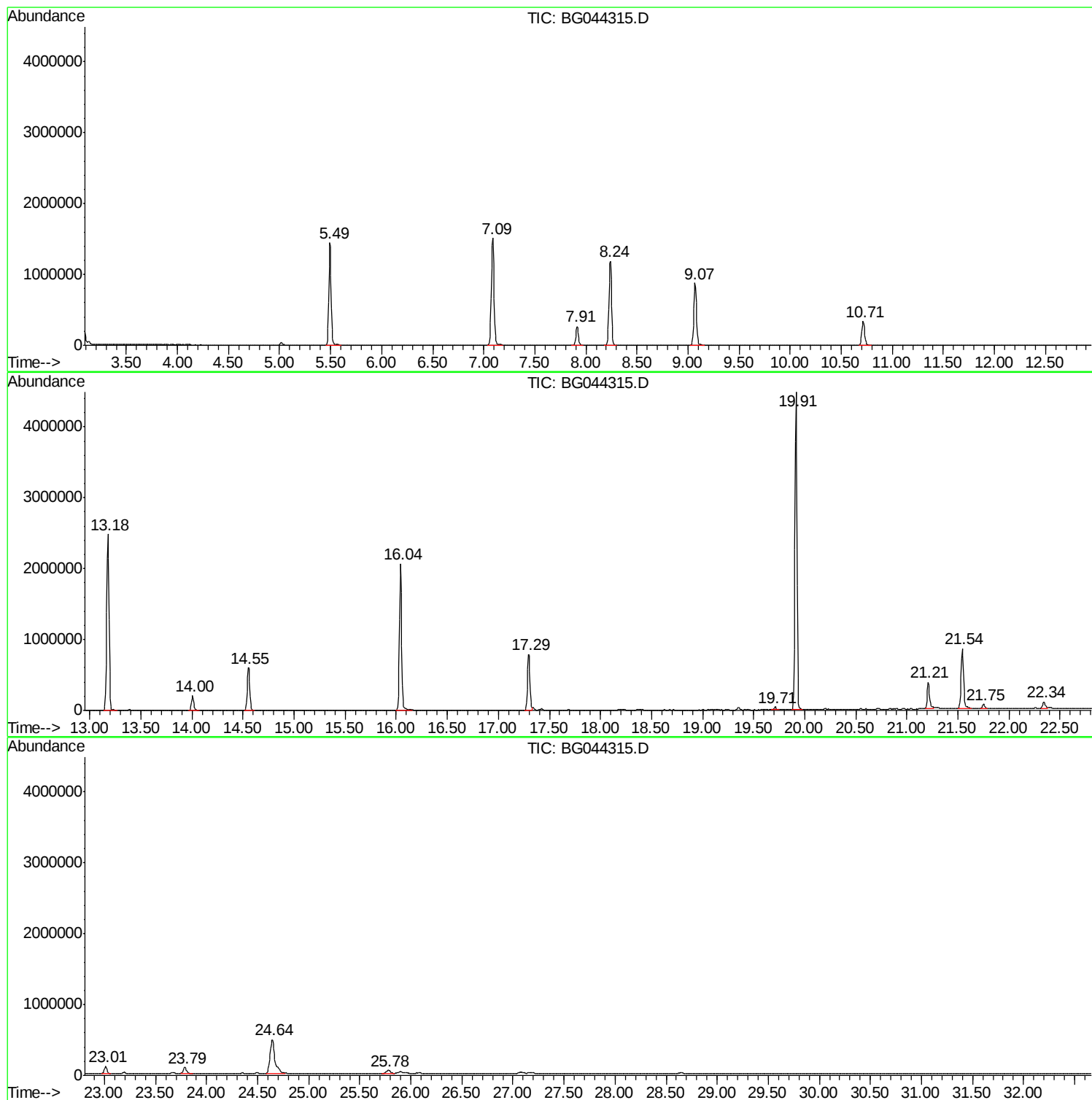
Sum of corrected areas: 30330936

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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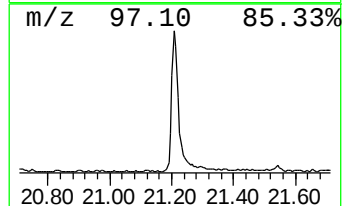
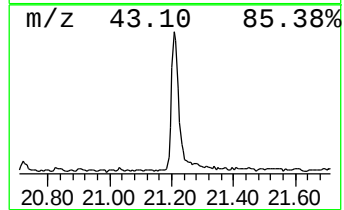
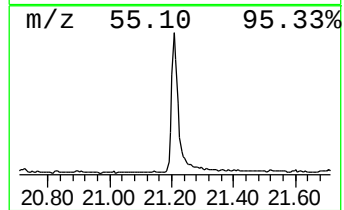
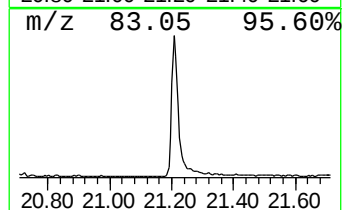
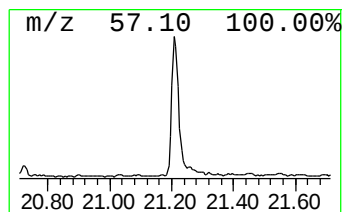
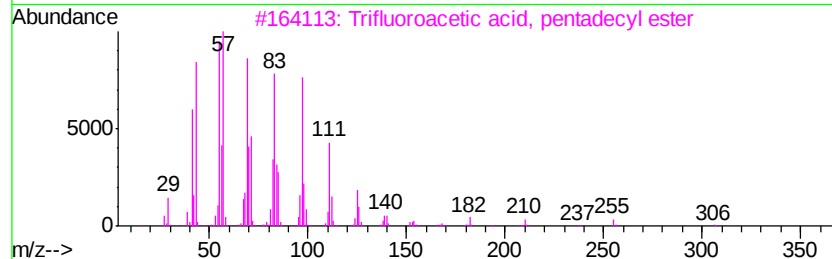
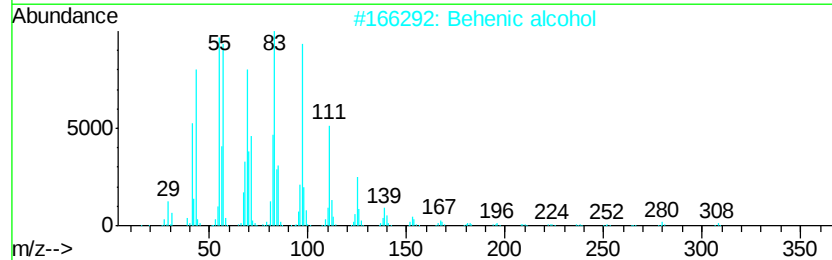
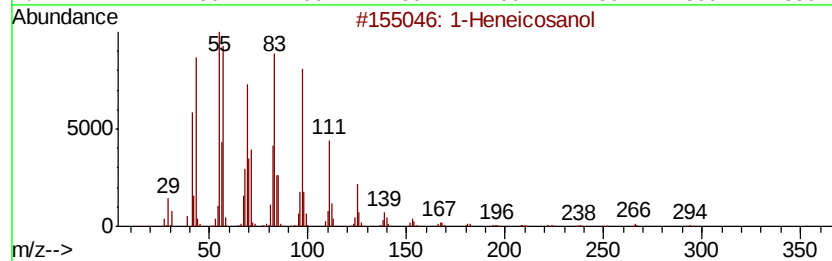
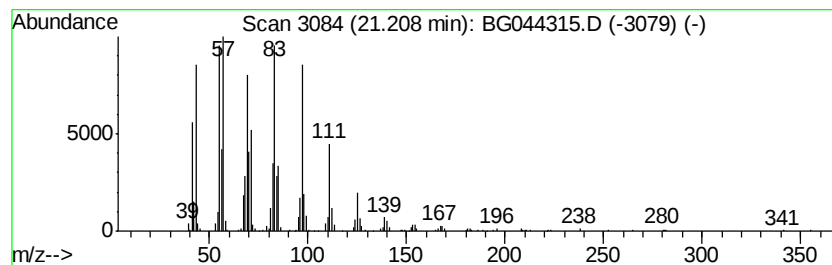
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.21	7.98 ng	578267	Chrysene-d12	21.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		Behenic alcohol	326	C22H46O	000661-19-8	94
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94



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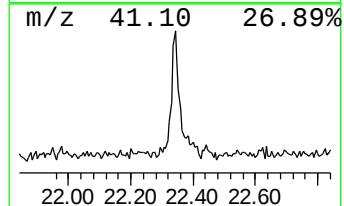
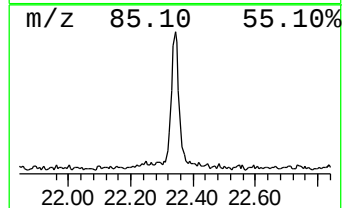
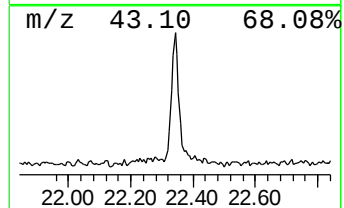
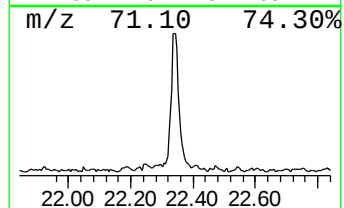
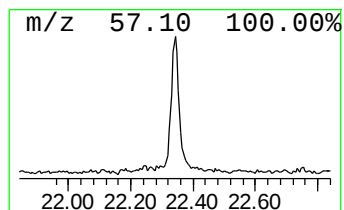
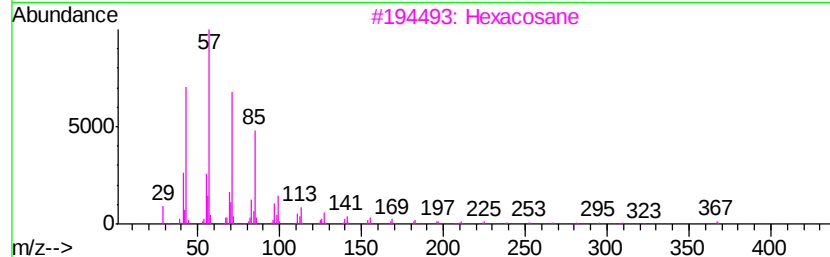
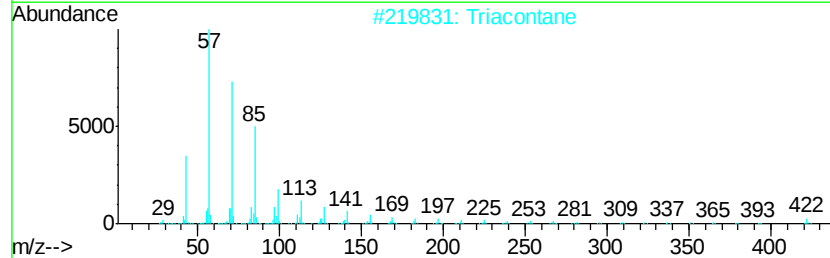
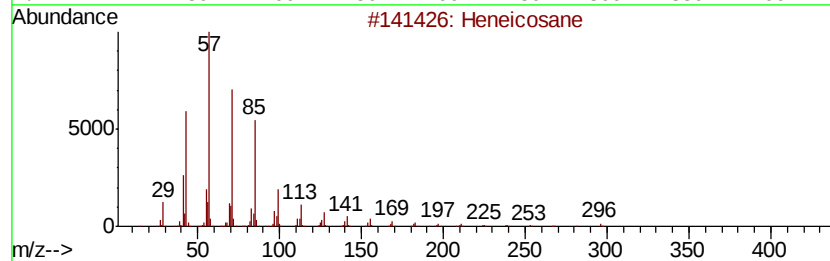
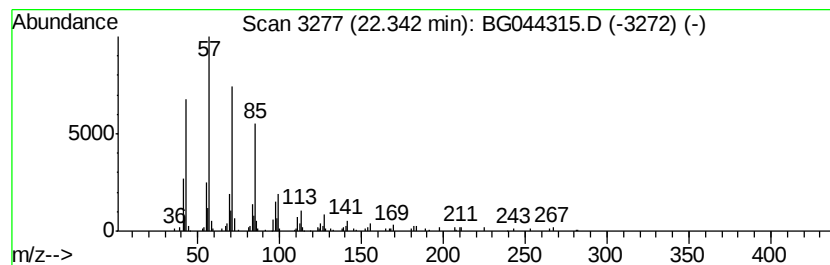
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
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Peak Number 3 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.10 ng	151970	Chrysene-d12	21.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Triacontane		422	C30H62	000638-68-6	91
3	Hexacosane		366	C26H54	000630-01-3	91
4	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	91
5	Octadecane		254	C18H38	000593-45-3	91



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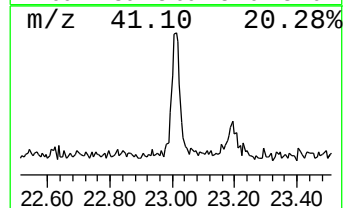
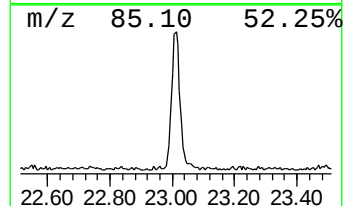
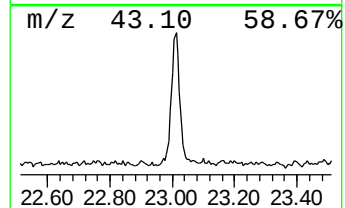
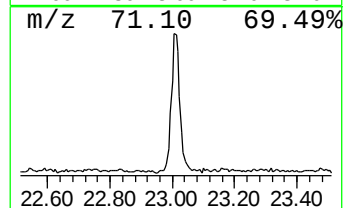
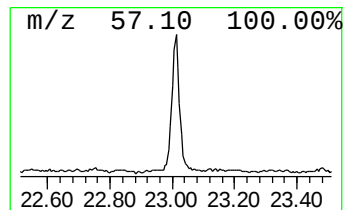
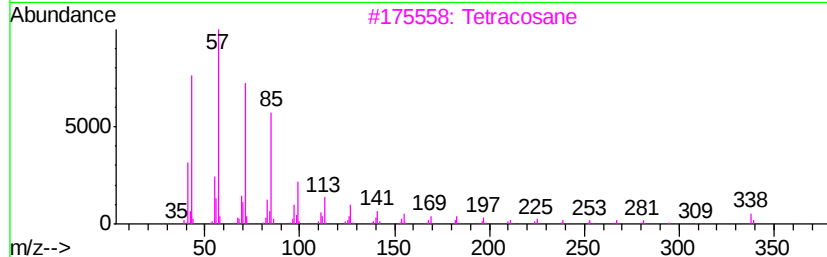
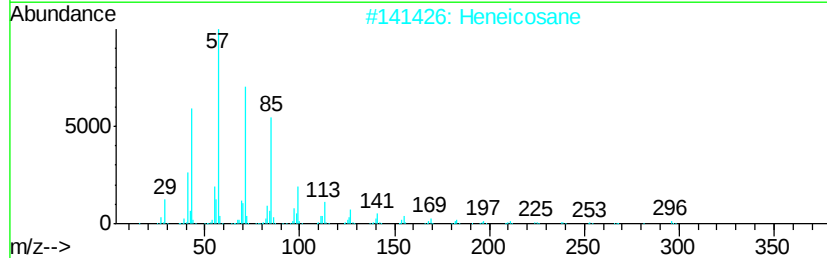
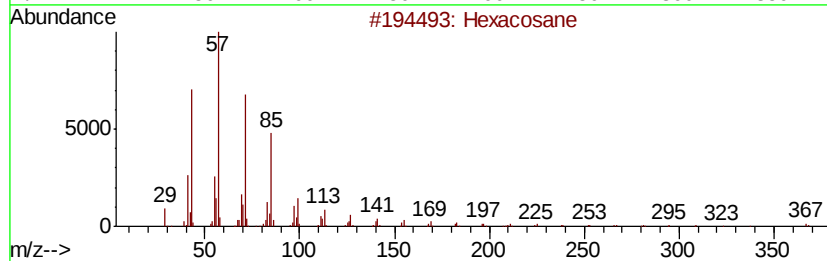
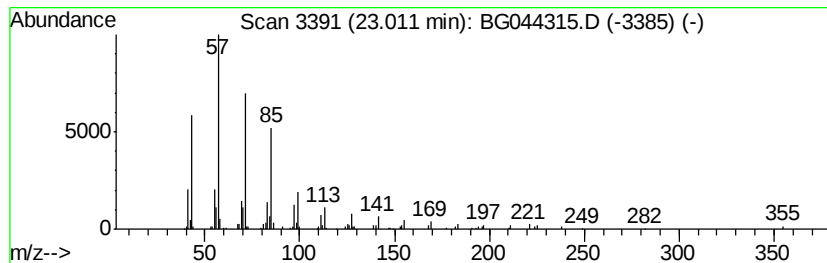
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Peak Number 4 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.01	2.37 ng	171803	Chrysene-d12	21.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Docosane	310	C22H46	000629-97-0	87
5		Octacosane	394	C28H58	000630-02-4	87



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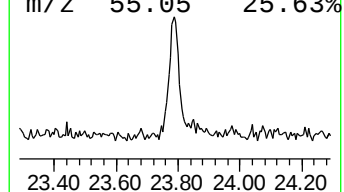
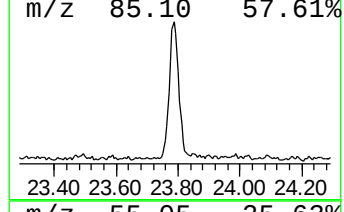
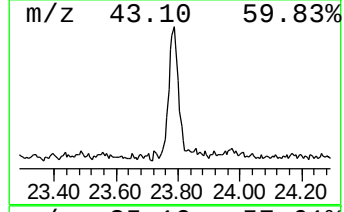
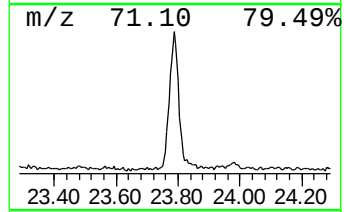
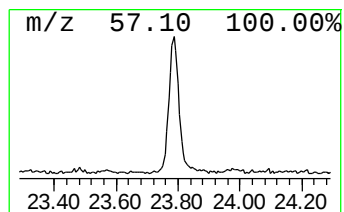
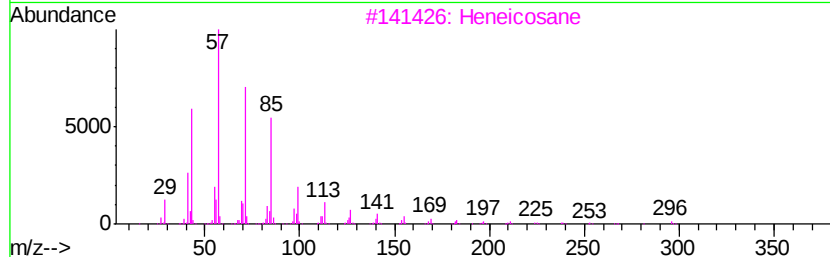
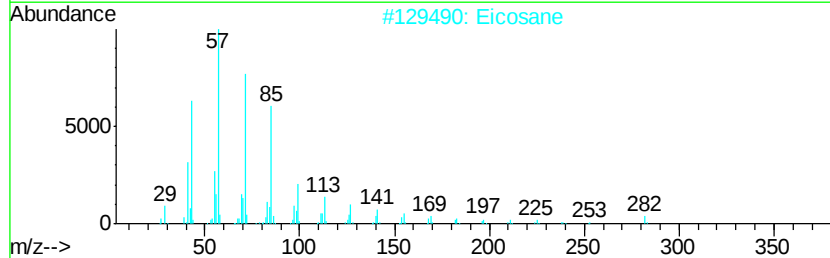
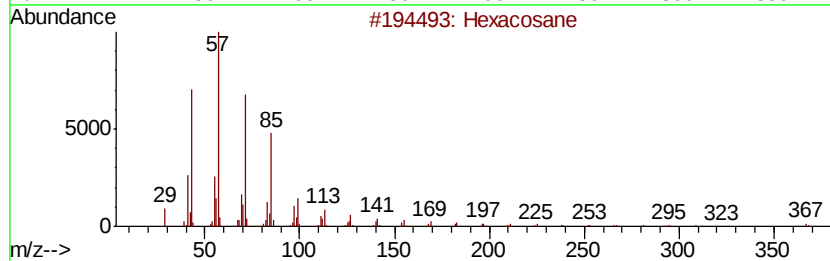
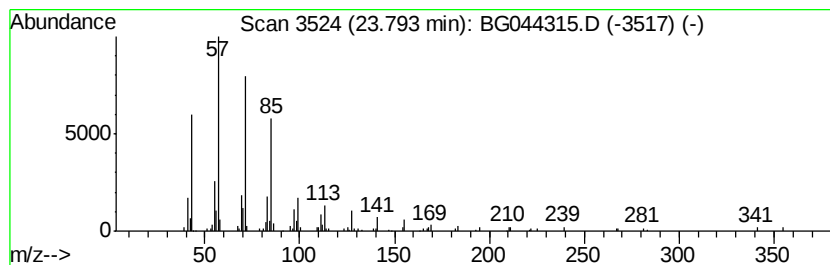
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Peak Number 5 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	2.14 ng	170638	Perylene-d12	24.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	91
2	Eicosane		282	C20H42	000112-95-8	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Triacontane		422	C30H62	000638-68-6	91
5	Tetratetracontane		619	C44H90	007098-22-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Heneicosanol	21.21	8.0	ng	578267	5	21.54	1449650	20.0
Heneicosane	22.34	2.1	ng	151970	5	21.54	1449650	20.0
Hexacosane	23.01	2.4	ng	171803	5	21.54	1449650	20.0
Eicosane	23.79	2.1	ng	170638	6	24.64	1594790	20.0