

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031924\
 Data File : BG060681.D
 Acq On : 19 Mar 2024 14:48
 Operator : MA/JU
 Sample : P1786-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

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-BG031324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060681.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.785	400	408	418	rBV	1381561	2236270	46.25%	8.507%
2	7.413	677	685	699	rBV	1423879	2443156	50.53%	9.294%
3	8.294	827	835	844	rVB	437095	744001	15.39%	2.830%
4	9.492	1029	1039	1049	rBV	916451	1630151	33.71%	6.201%
5	11.138	1312	1319	1331	rBV	591372	1071329	22.16%	4.076%
6	13.547	1722	1729	1736	rBV	2500827	3788732	78.35%	14.413%
7	14.921	1956	1963	1973	rVB	903143	1447225	29.93%	5.506%
8	16.408	2208	2216	2228	rBV2	1718875	2624732	54.28%	9.985%
9	17.671	2425	2431	2437	rBV	1051771	1616537	33.43%	6.150%
10	18.494	2567	2571	2578	rBV2	257598	382579	7.91%	1.455%
11	20.250	2865	2870	2878	rBV	3590919	4835436	100.00%	18.395%
12	21.003	2995	2998	3001	rVB	147732	158430	3.28%	0.603%
13	21.537	3085	3089	3095	rBV2	416879	587195	12.14%	2.234%
14	21.990	3161	3166	3172	rVB2	906400	1574123	32.55%	5.988%
15	22.113	3184	3187	3195	rVB	404733	568469	11.76%	2.163%
16	22.771	3295	3299	3304	rVB	358380	578376	11.96%	2.200%

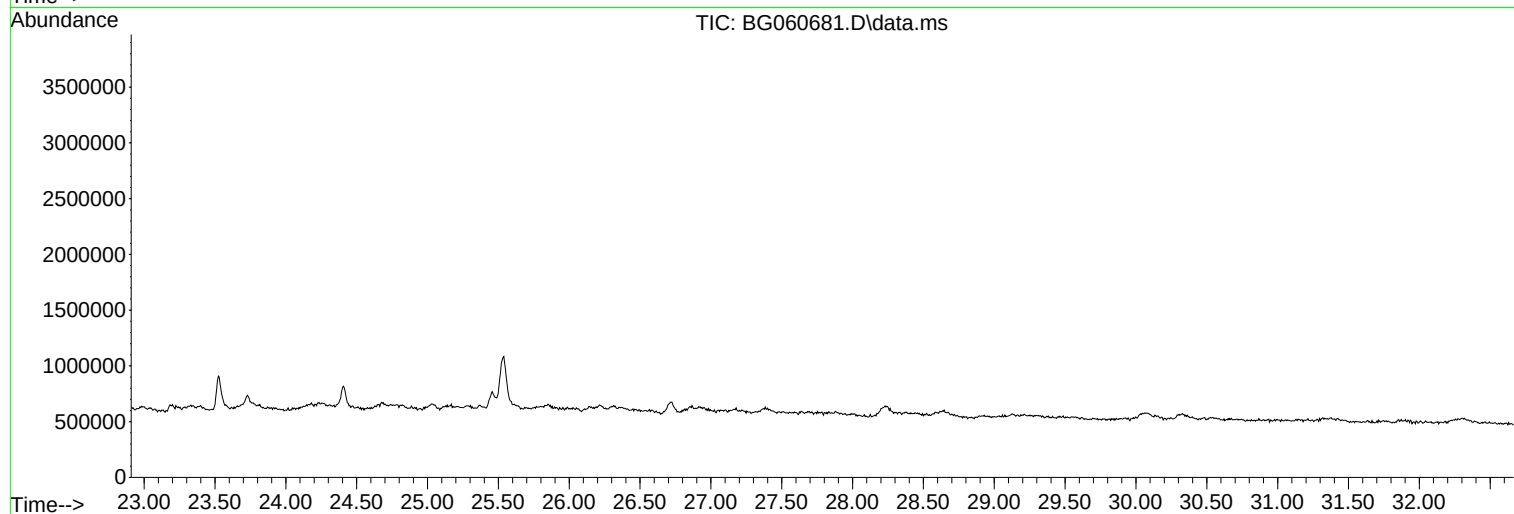
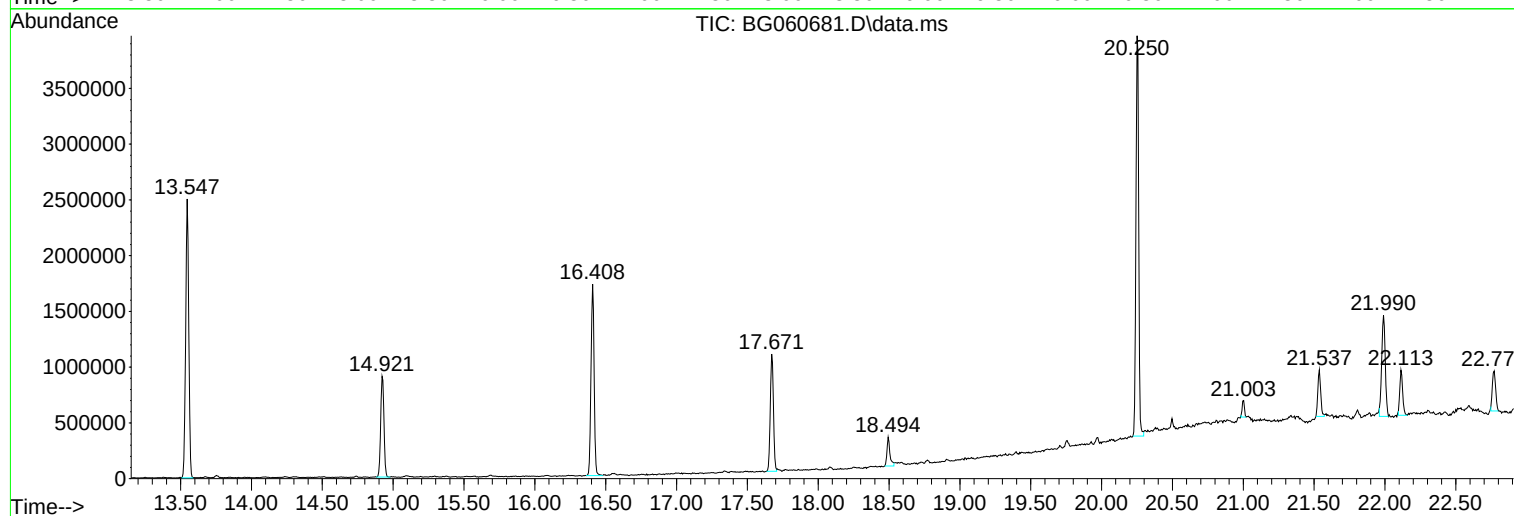
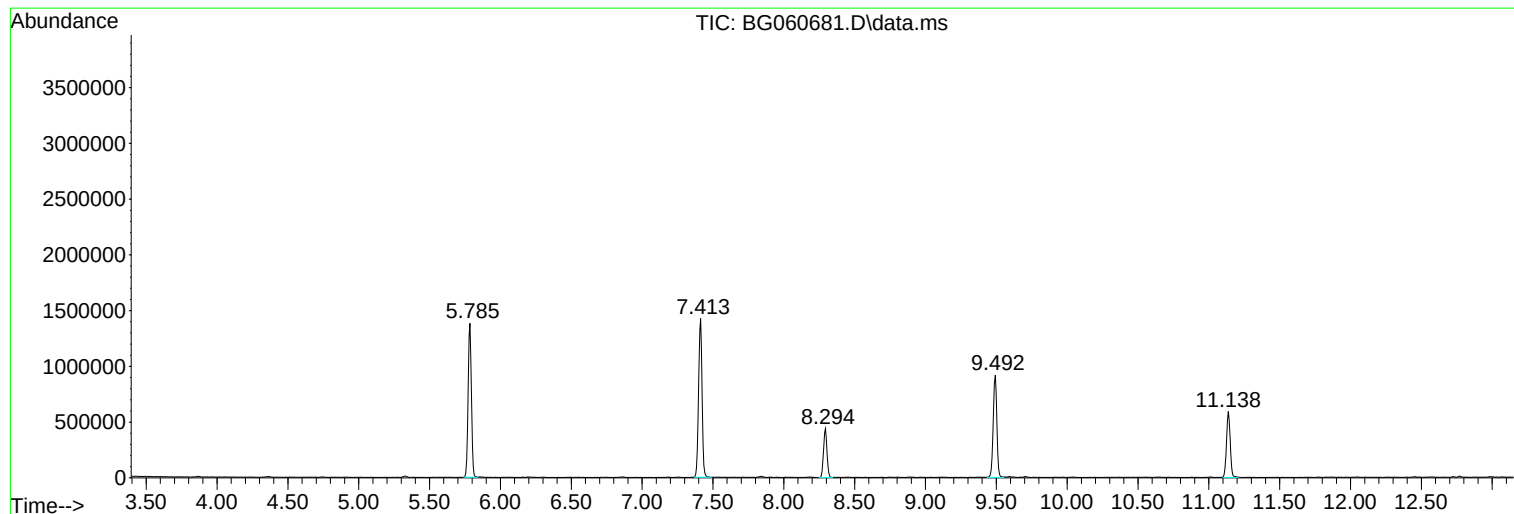
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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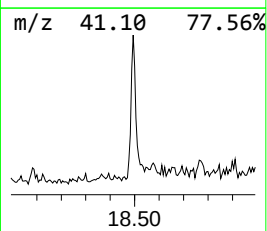
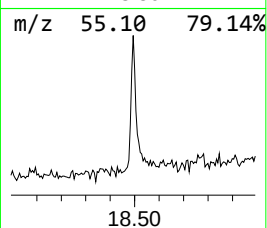
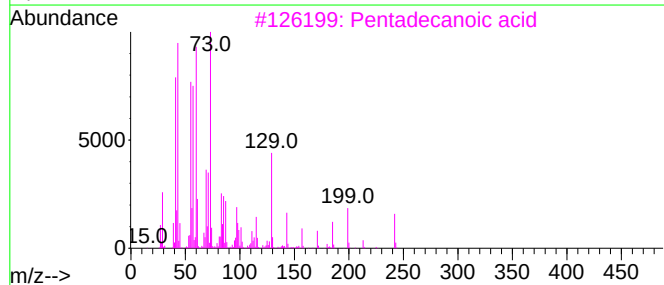
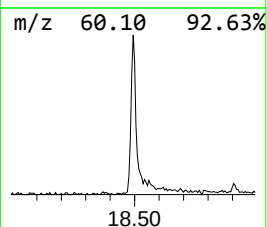
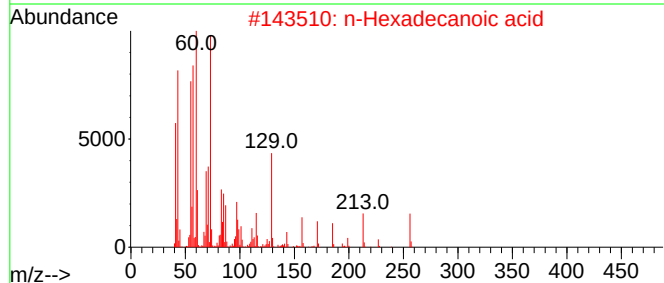
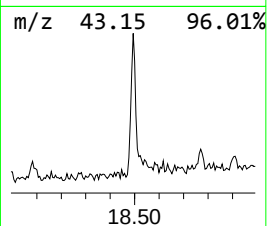
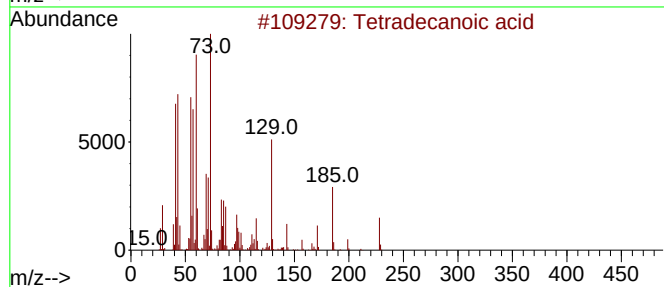
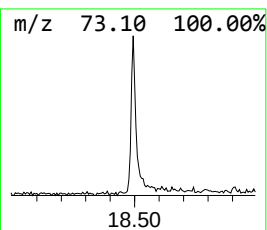
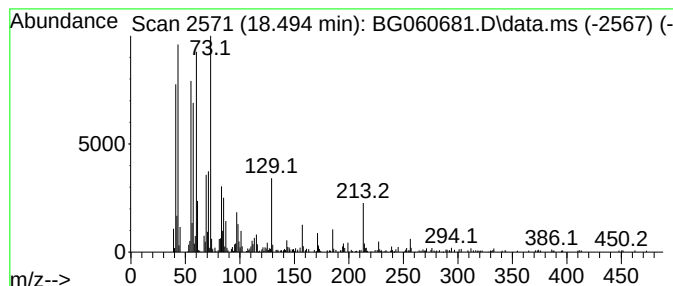
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.494	4.73 ng	382579	Phenanthrene-d10	17.671

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4			Tridecanoic acid	214	C13H26O2	000638-53-9	81
5			Octadecanoic acid	284	C18H36O2	000057-11-4	64



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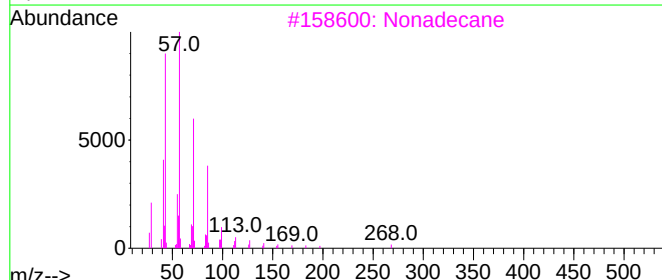
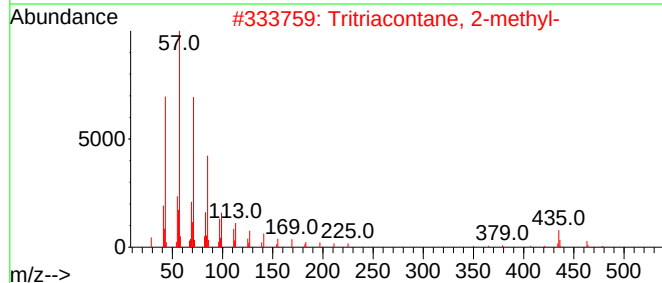
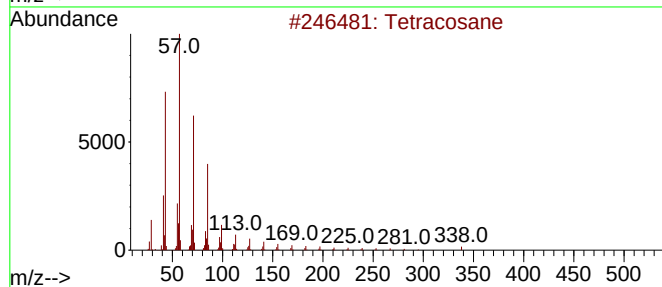
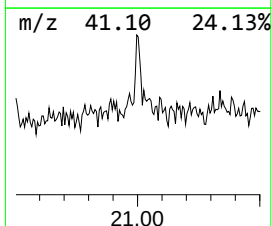
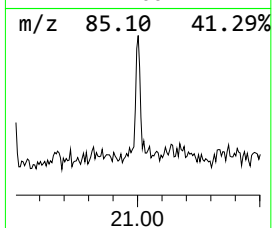
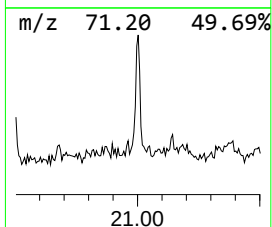
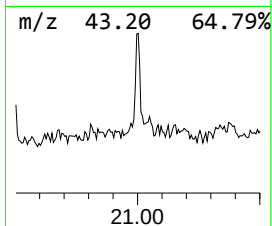
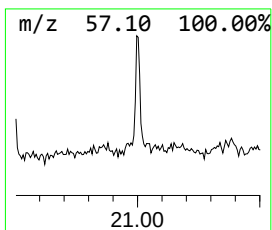
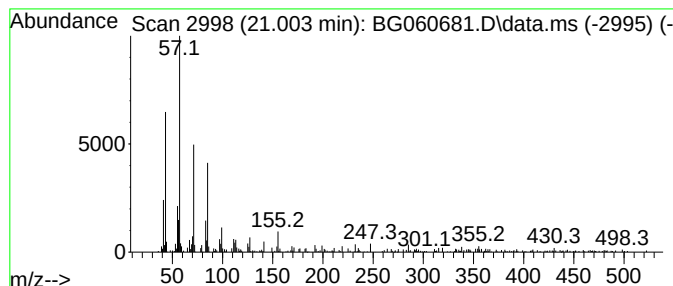
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.003	2.01 ng	158430	Chrysene-d12	21.990

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	98
2		Tritriacontane, 2-methyl-	479	C34H70	066214-27-5	90
3		Nonadecane	268	C19H40	000629-92-5	78
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
5		Tetratetracontane	619	C44H90	007098-22-8	74



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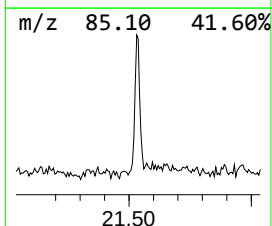
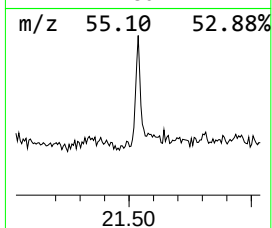
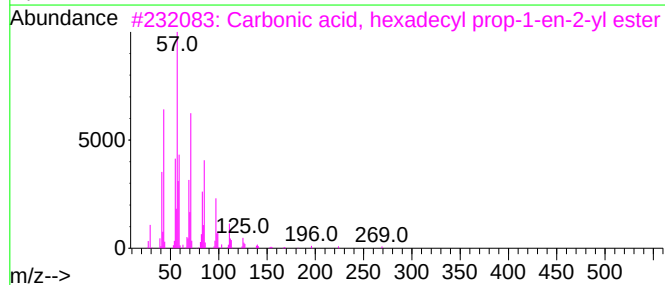
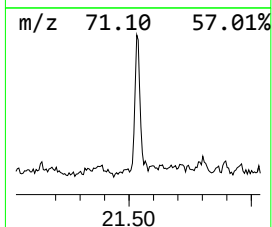
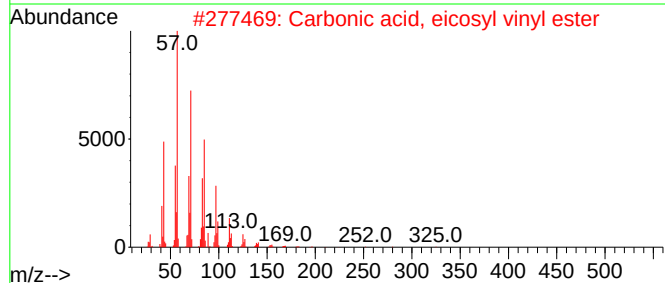
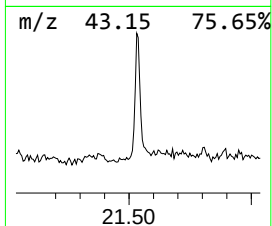
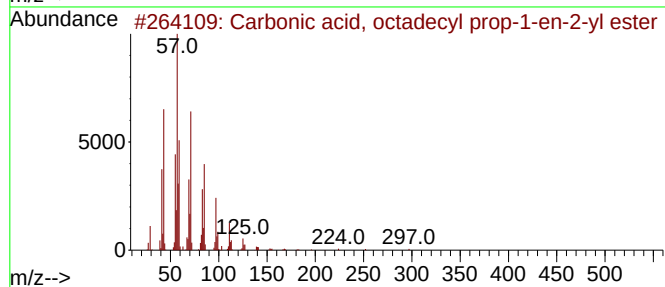
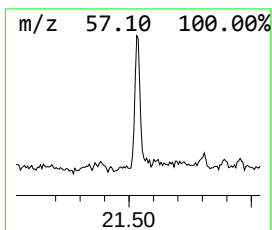
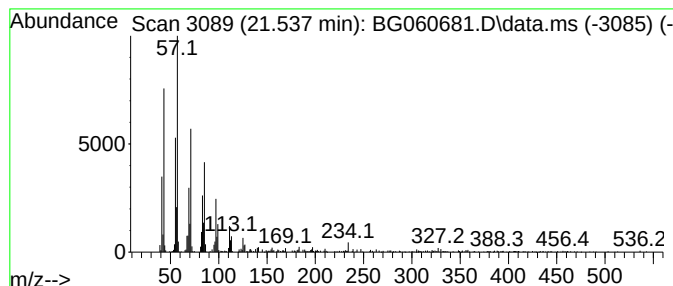
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Carbonic acid, octadecyl pr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.537	7.46 ng	587195	Chrysene-d12	21.990

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	87
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
3			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	87
4			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	87
5			Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	83



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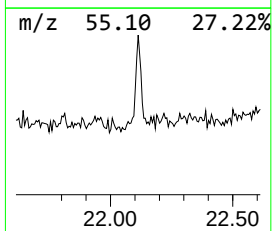
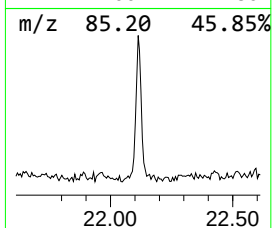
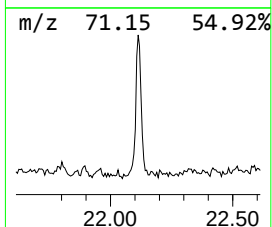
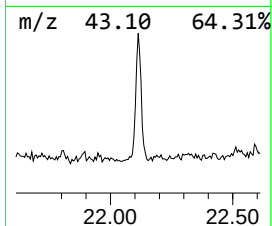
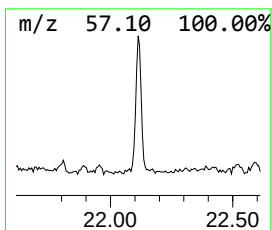
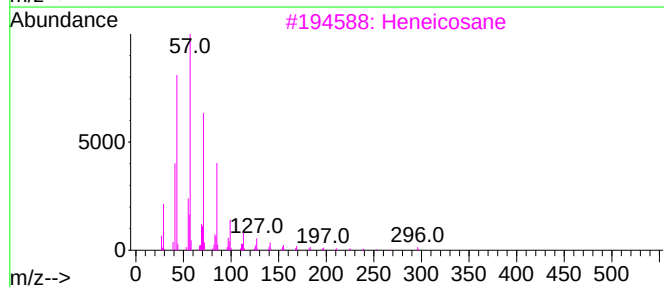
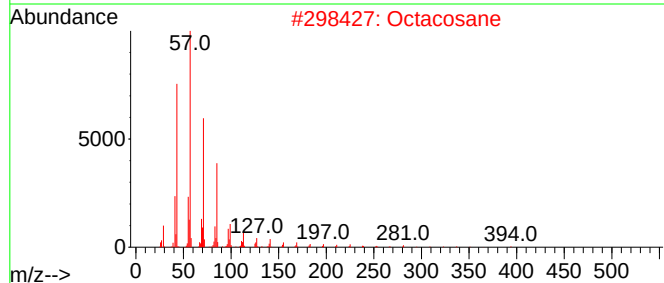
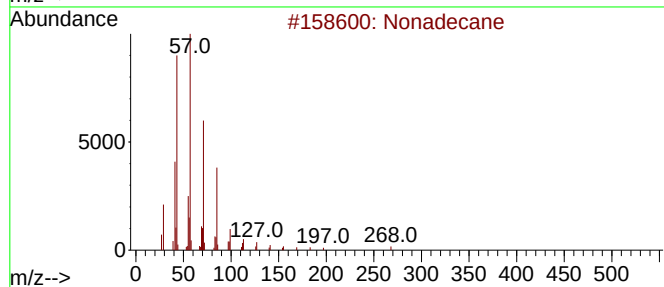
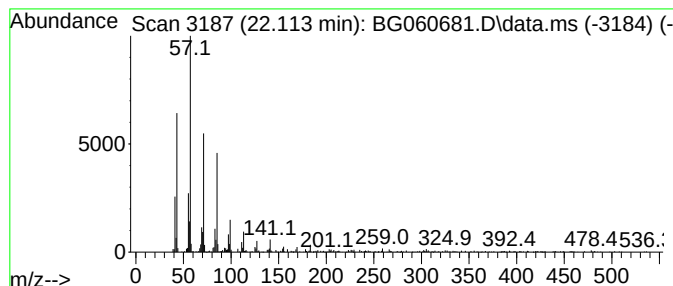
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.113	7.22 ng	568469	Chrysene-d12	21.990

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	94
2			Octacosane	394	C28H58	000630-02-4	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5			Triacontane	422	C30H62	000638-68-6	87



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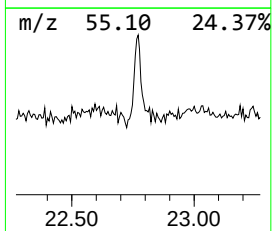
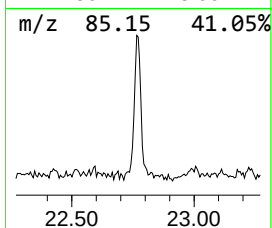
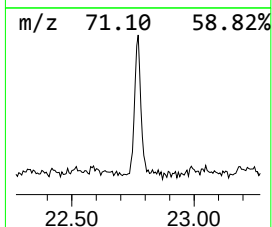
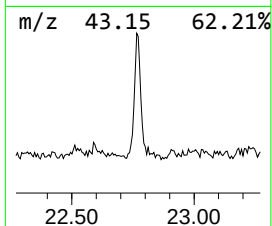
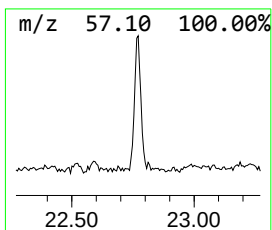
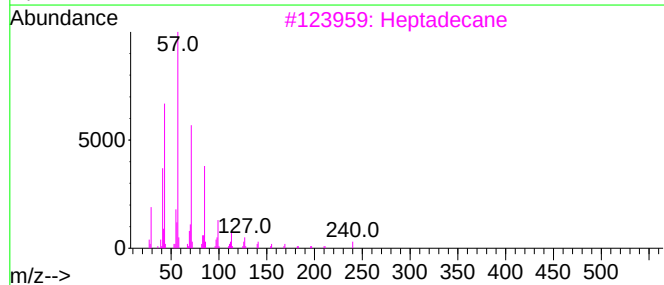
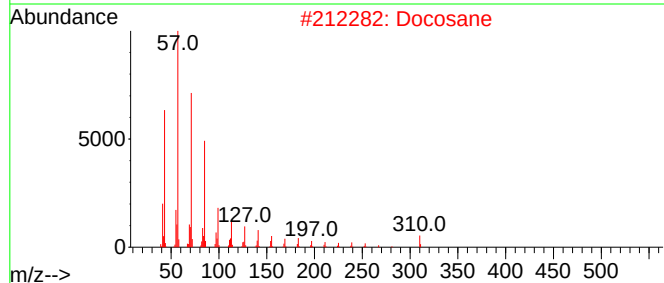
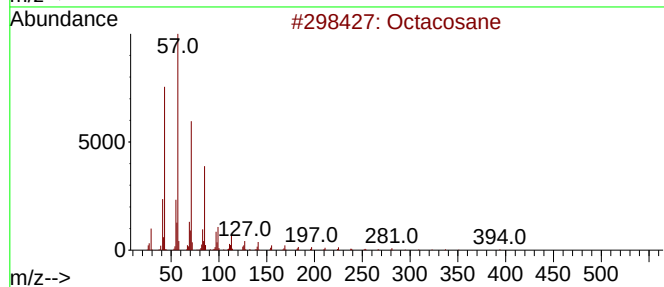
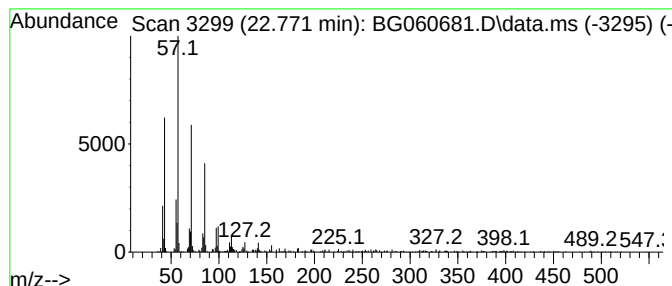
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Octacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.771	7.35 ng	578376	Chrysene-d12	21.990	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	99
2	Docosane	310	C22H46	000629-97-0	93
3	Heptadecane	240	C17H36	000629-78-7	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	90



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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecanoic acid	18.494	4.7	ng	382579	4	17.671	1616540	20.0
Tetracosane	21.003	2.0	ng	158430	5	21.990	1574120	20.0
Carbonic acid, ...	21.537	7.5	ng	587195	5	21.990	1574120	20.0
Nonadecane	22.113	7.2	ng	568469	5	21.990	1574120	20.0
Octacosane	22.771	7.3	ng	578376	5	21.990	1574120	20.0