

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
 Data File : BM036100.D
 Acq On : 04 Aug 2022 15:58
 Operator : CG/JU
 Sample : N3935-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RVE-136

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_M\Methods\8270-BM080122.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM036100.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.422	391	397	411	rBV	4210705	6199512	35.14%	5.593%
2	7.034	661	671	686	rBV	4407257	6879114	38.99%	6.206%
3	7.857	803	811	819	rBV	1060697	1649362	9.35%	1.488%
4	9.028	1003	1010	1019	rBV	2707947	4335810	24.57%	3.912%
5	10.663	1280	1288	1301	rBV	1576197	2585573	14.65%	2.333%
6	13.127	1700	1707	1718	rBV	7711769	10798232	61.20%	9.742%
7	14.498	1932	1940	1950	rBV	2550410	3807712	21.58%	3.435%
8	15.986	2186	2193	2203	rBV	6743471	9702941	54.99%	8.753%
9	17.239	2400	2406	2411	rBV	3200692	4372623	24.78%	3.945%
10	18.145	2555	2560	2569	rBV	818301	1171186	6.64%	1.057%
11	19.039	2703	2712	2714	rBV4	181344	426427	2.42%	0.385%
12	19.297	2753	2756	2763	rVB	265248	366961	2.08%	0.331%
13	19.421	2773	2777	2786	rBV2	165647	257603	1.46%	0.232%
14	19.656	2813	2817	2824	rVB2	181473	306085	1.73%	0.276%
15	19.868	2847	2853	2859	rBV	14370401	17116688	97.01%	15.442%
16	20.156	2898	2902	2904	rBV	205259	274026	1.55%	0.247%
17	21.139	3065	3069	3077	rBV	2863653	3861427	21.89%	3.484%
18	21.427	3113	3118	3122	rBV	3531060	4478087	25.38%	4.040%
19	22.033	3218	3221	3223	rBV	420610	530397	3.01%	0.478%
20	22.056	3223	3225	3232	rVB	592117	870791	4.94%	0.786%
21	22.774	3342	3347	3355	rVB	962825	1362413	7.72%	1.229%
22	23.074	3393	3398	3402	rBV	775557	1219874	6.91%	1.100%
23	23.127	3402	3407	3418	rVB	1702668	3291165	18.65%	2.969%
24	23.785	3514	3519	3529	rVB2	1941766	3971168	22.51%	3.583%
25	24.403	3619	3624	3632	rVB	865543	1732266	9.82%	1.563%
26	24.503	3637	3641	3654	rVB	669511	1635771	9.27%	1.476%
27	26.503	3970	3981	3997	rVB	5600109	17644064	100.00%	15.917%

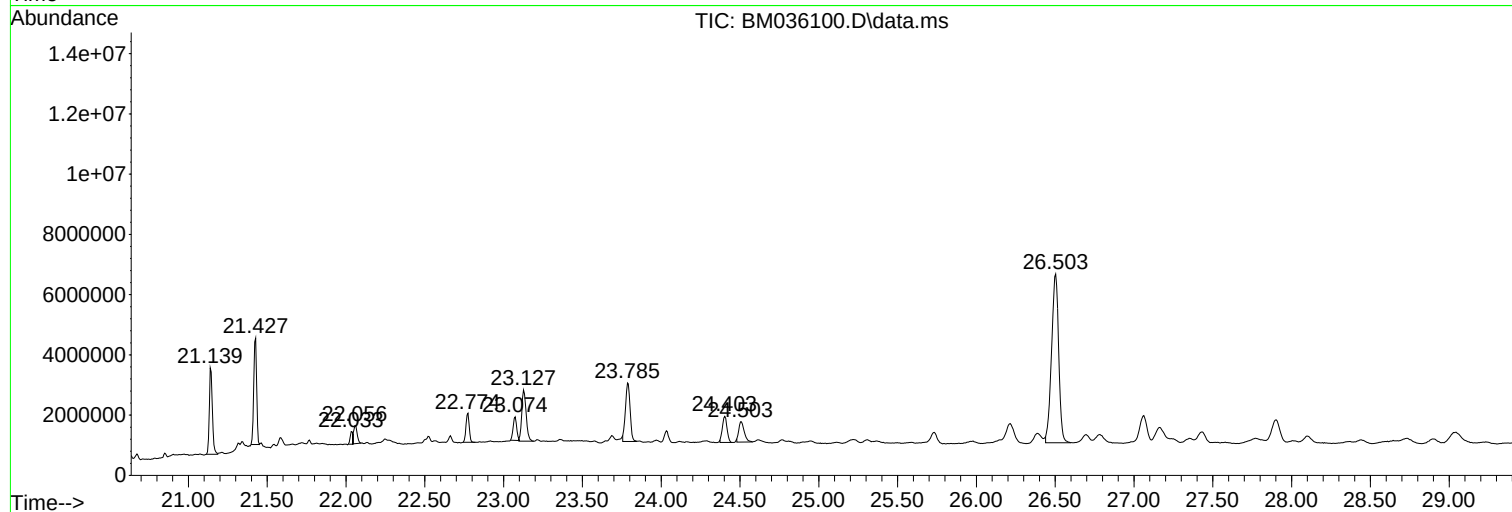
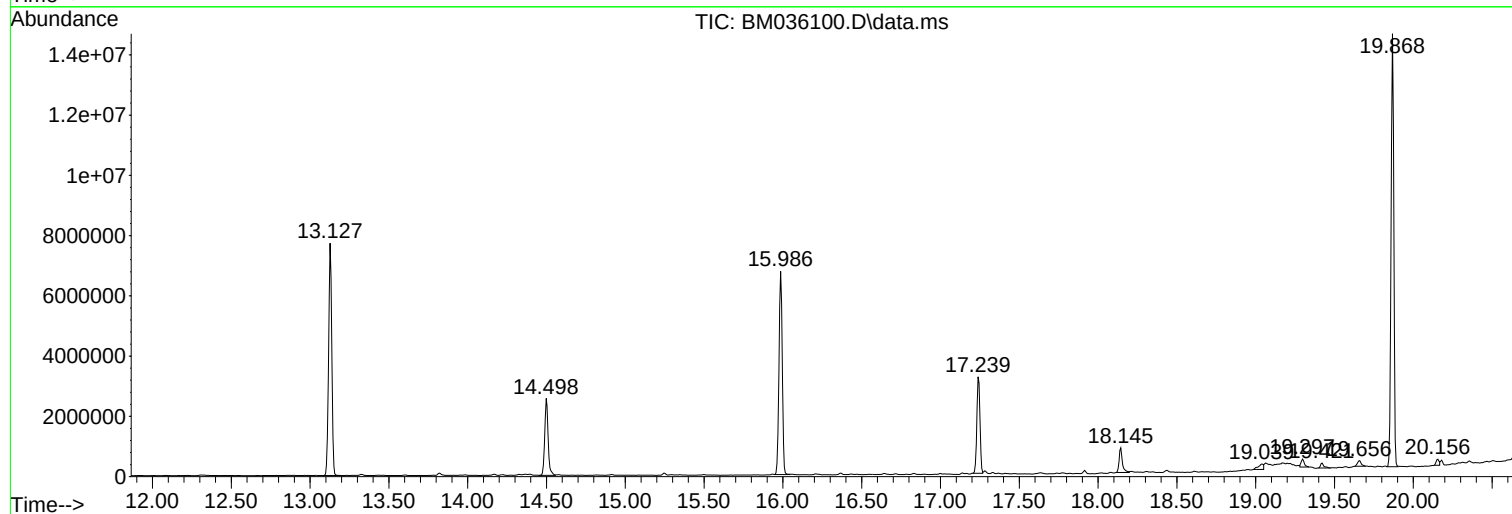
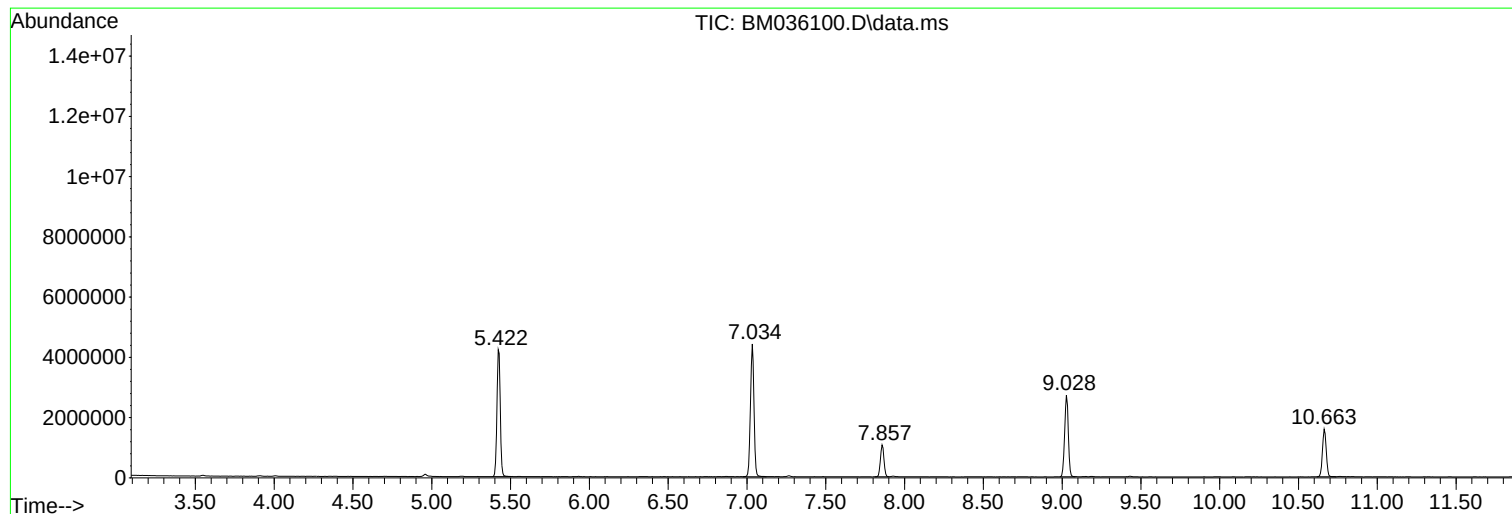
Sum of corrected areas: 110847278

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036100.D
Acq On : 04 Aug 2022 15:58
Operator : CG/JU
Sample : N3935-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-136

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036100.D
Acq On : 04 Aug 2022 15:58
Operator : CG/JU
Sample : N3935-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-136

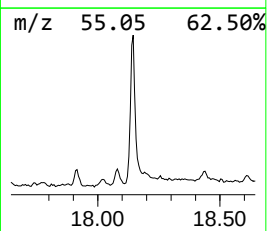
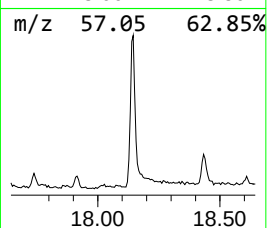
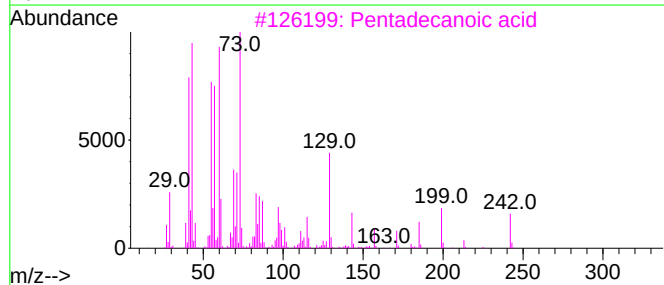
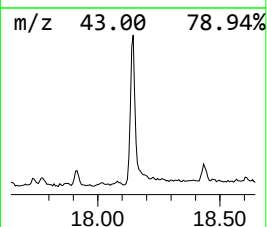
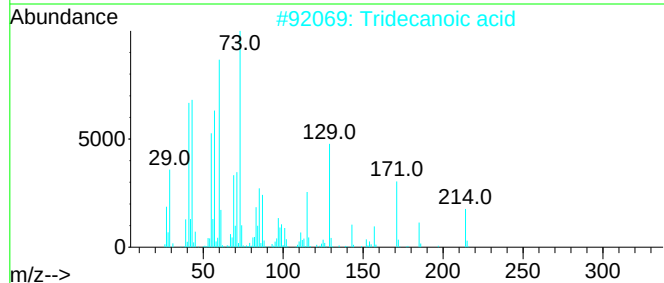
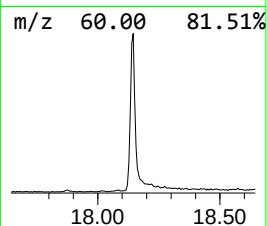
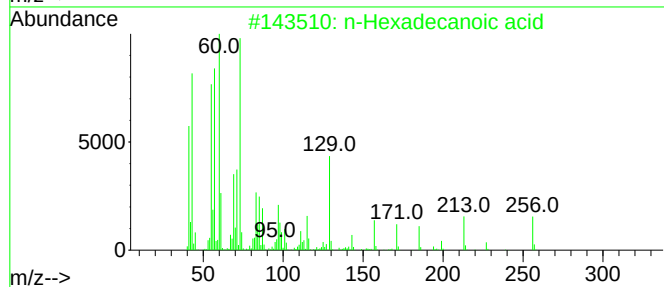
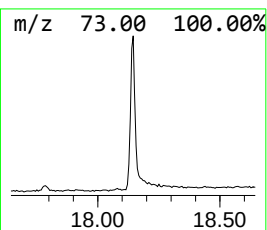
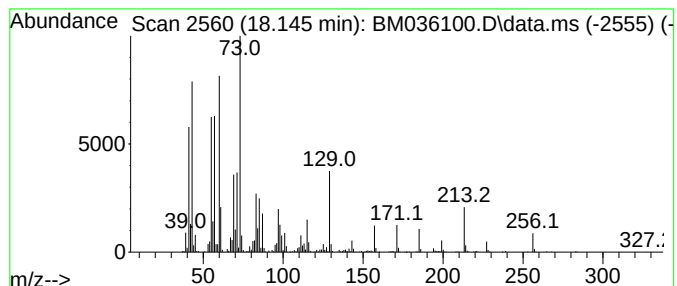
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	5.36 ng	1171190	Phenanthrene-d10	17.239

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		n-Decanoic acid	172	C10H20O2	000334-48-5	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036100.D
Acq On : 04 Aug 2022 15:58
Operator : CG/JU
Sample : N3935-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-136

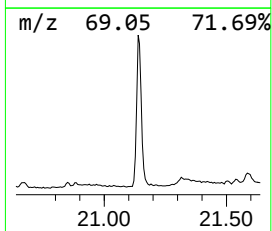
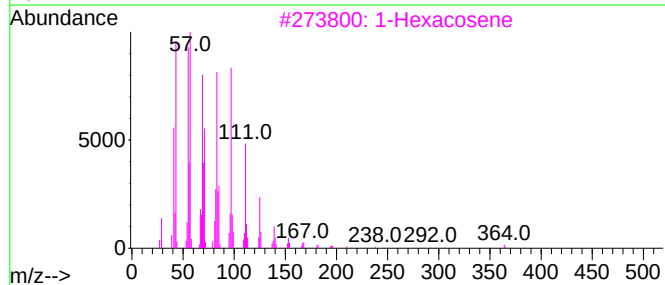
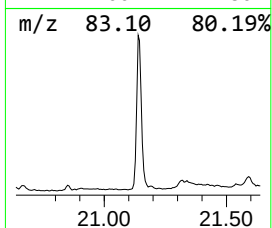
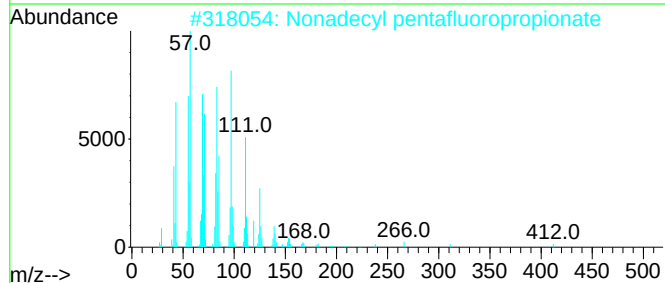
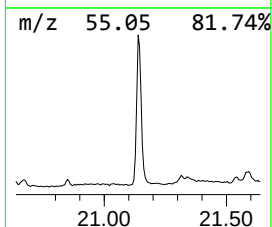
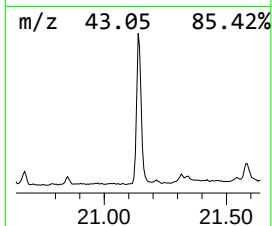
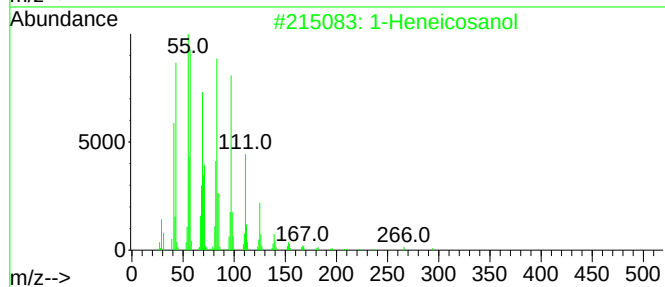
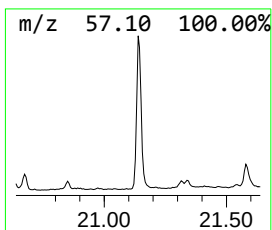
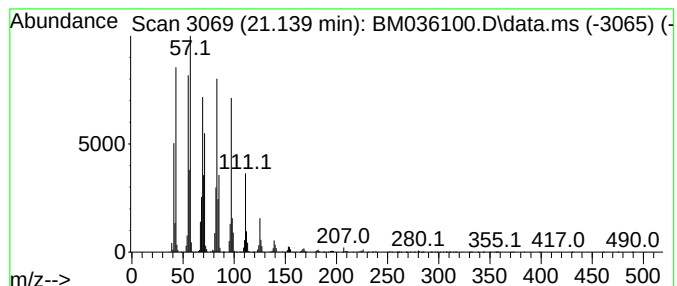
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.139	17.25 ng	3861430	Chrysene-d12	21.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	93
2			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3			1-Hexacosene	364	C26H52	018835-33-1	91
4			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5			Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036100.D
Acq On : 04 Aug 2022 15:58
Operator : CG/JU
Sample : N3935-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-136

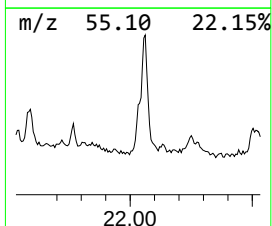
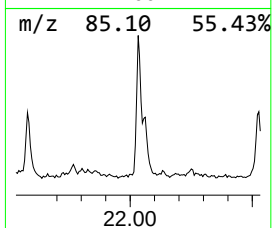
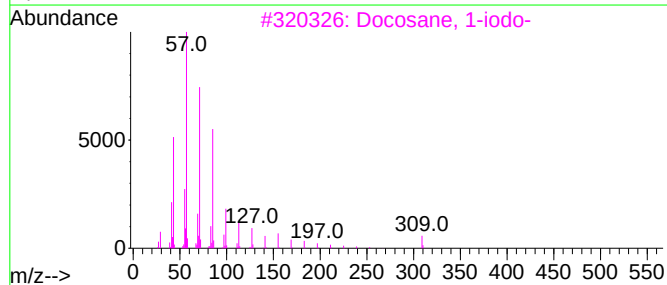
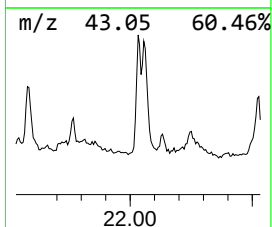
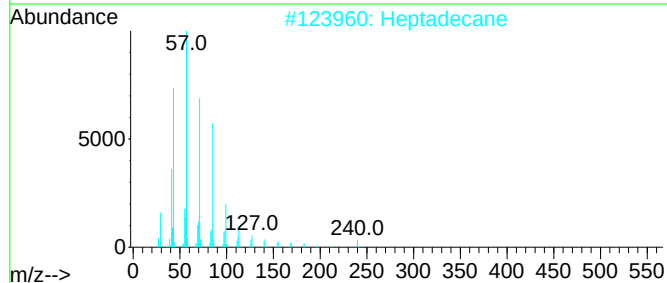
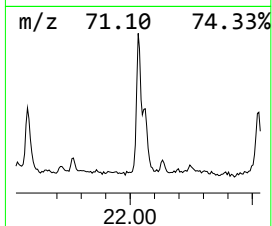
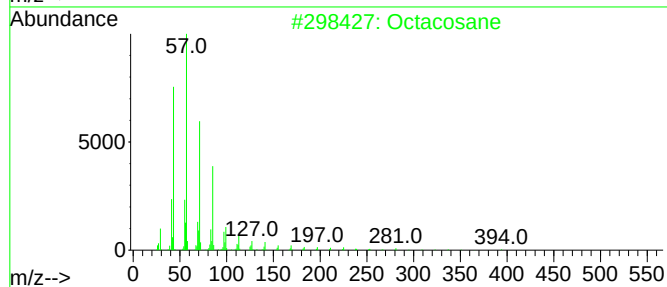
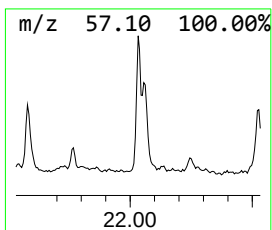
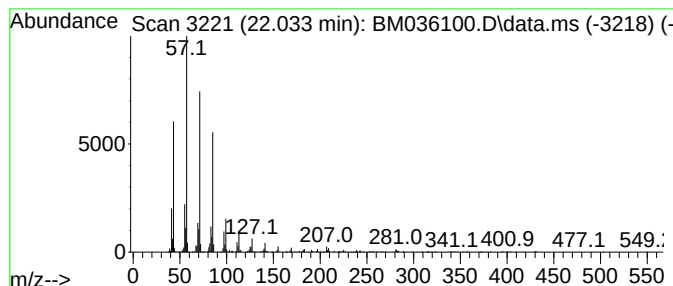
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.033	2.37 ng	530397	Chrysene-d12	21.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	96
2			Heptadecane	240	C17H36	000629-78-7	91
3			Docosane, 1-iodo-	436	C22H45I	1000406-31-9	90
4			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	87
5			Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036100.D
Acq On : 04 Aug 2022 15:58
Operator : CG/JU
Sample : N3935-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-136

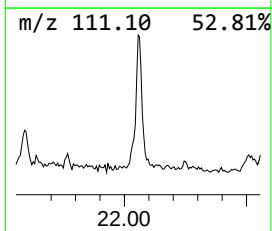
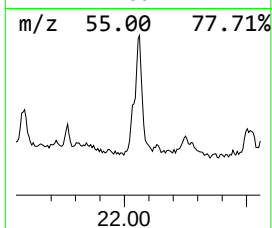
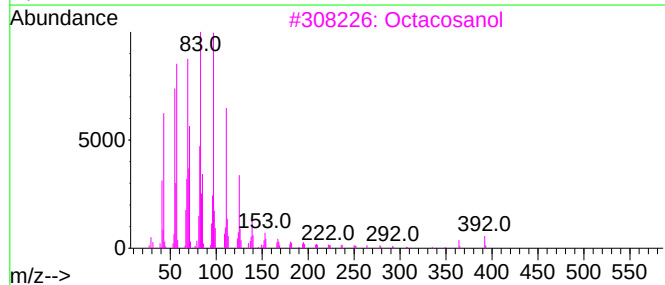
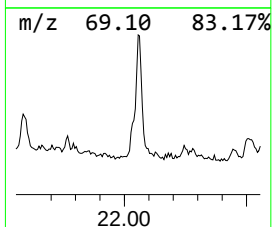
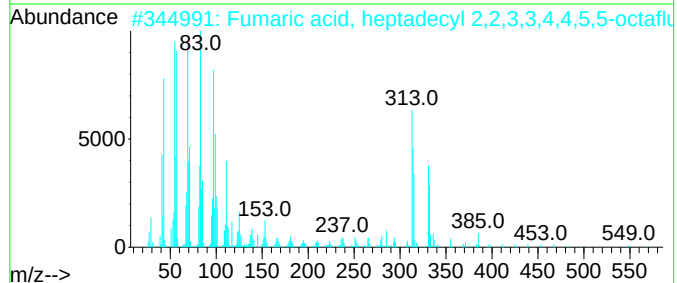
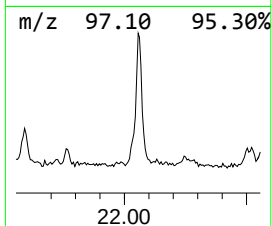
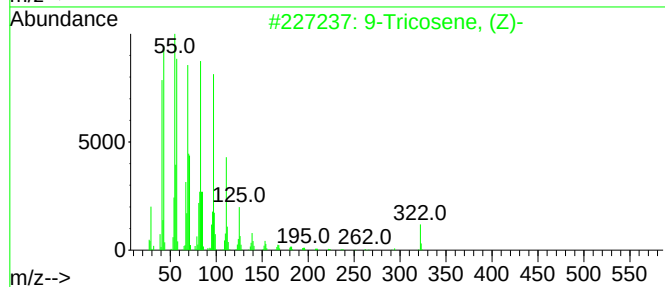
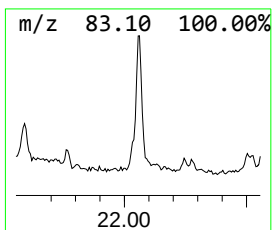
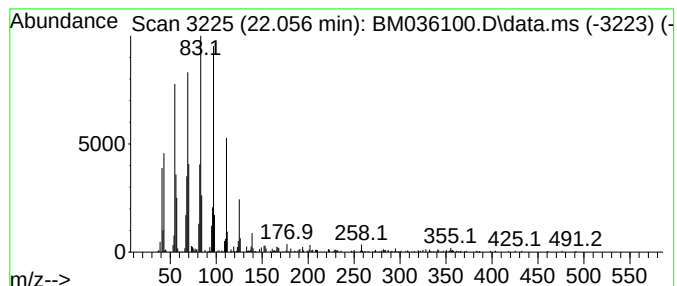
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 9-Tricosene, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.056	3.89 ng	870791	Chrysene-d12	21.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
2			Fumaric acid, heptadecyl 2,2,3,3...	568	C26H40F8O4	1000348-79-3	72
3			Octacosanol	410	C28H58O	000557-61-9	72
4			1-Hexadecanol	242	C16H34O	036653-82-4	58
5			Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036100.D
Acq On : 04 Aug 2022 15:58
Operator : CG/JU
Sample : N3935-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-136

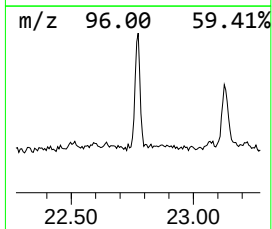
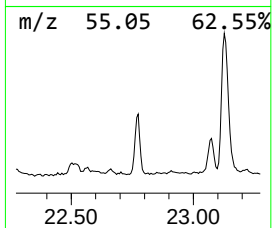
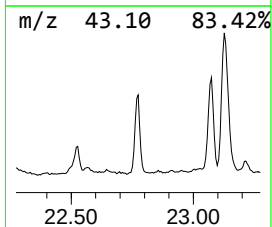
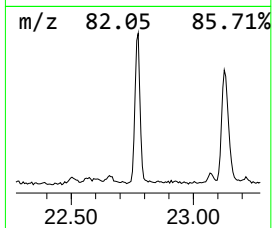
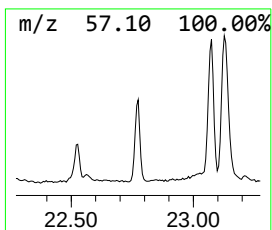
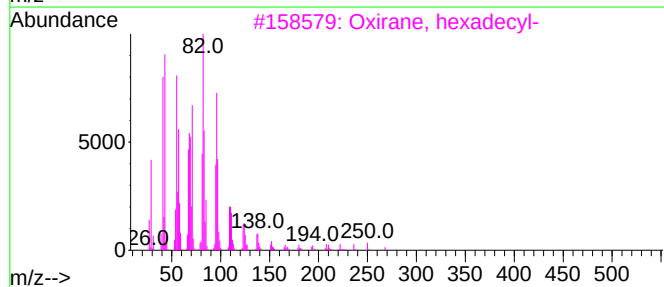
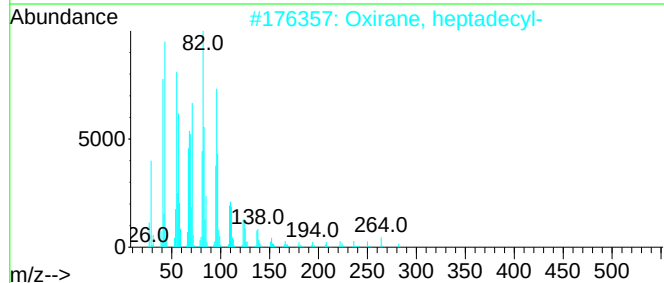
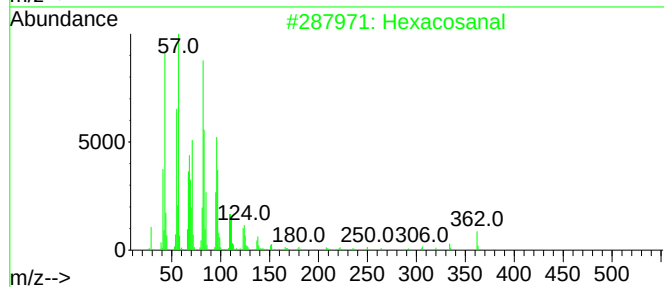
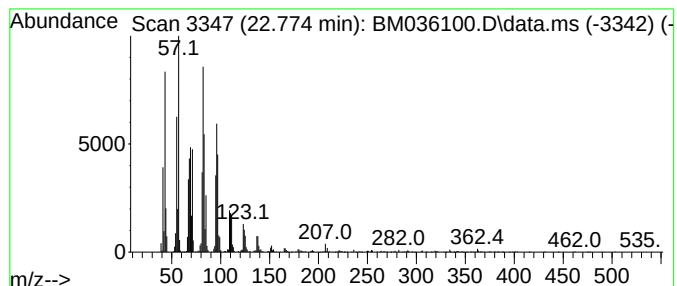
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexacosanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.774	6.86 ng	1362410	Perylene-d12	23.785

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosanal	380	C26H52O	026627-85-0	95
2			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4			Octadecanal	268	C18H36O	000638-66-4	91
5			Eicosanal-	296	C20H40O	002400-66-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036100.D
Acq On : 04 Aug 2022 15:58
Operator : CG/JU
Sample : N3935-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-136

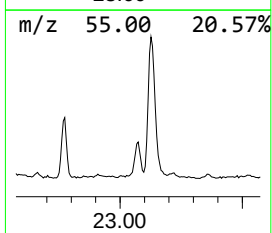
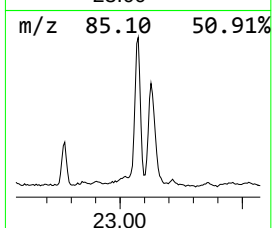
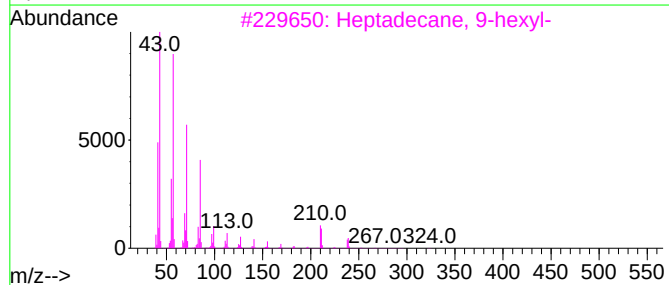
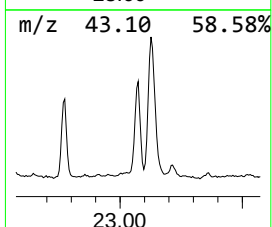
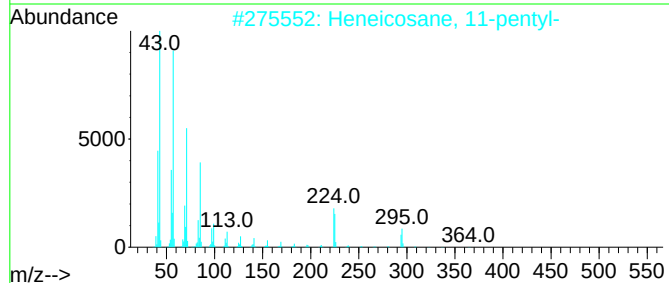
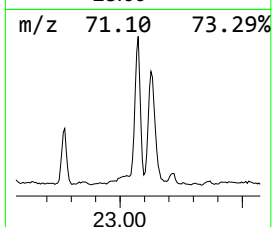
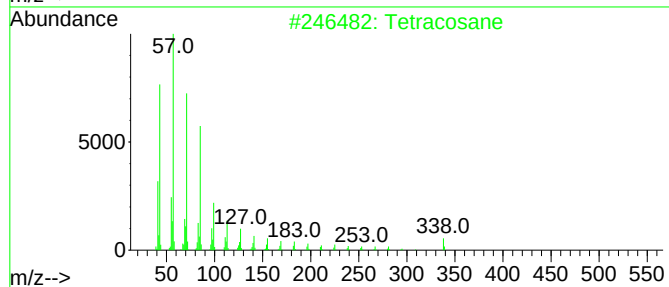
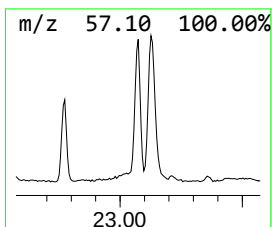
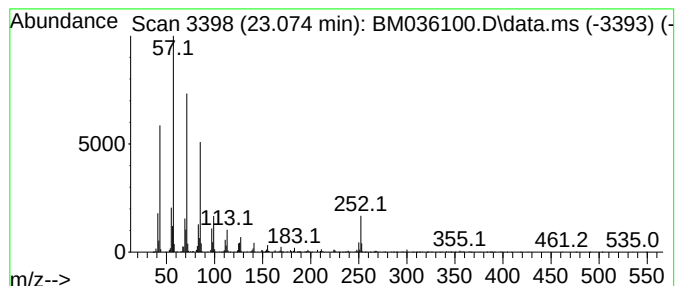
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.074	6.14 ng	1219870	Perylene-d12	23.785

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	95
2			Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
3			Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
4			Pentacosane	352	C25H52	000629-99-2	87
5			Docosane, 11-butyl-	366	C26H54	013475-76-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036100.D
Acq On : 04 Aug 2022 15:58
Operator : CG/JU
Sample : N3935-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-136

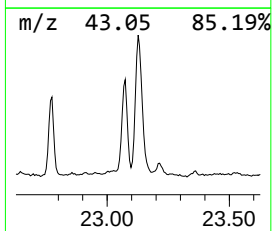
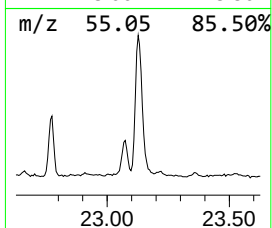
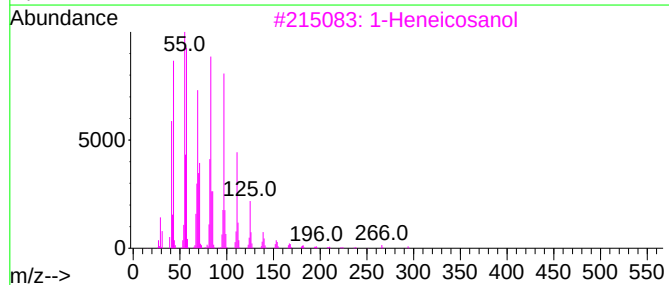
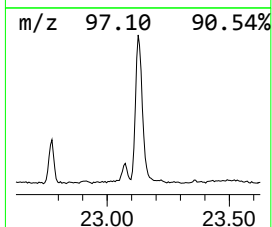
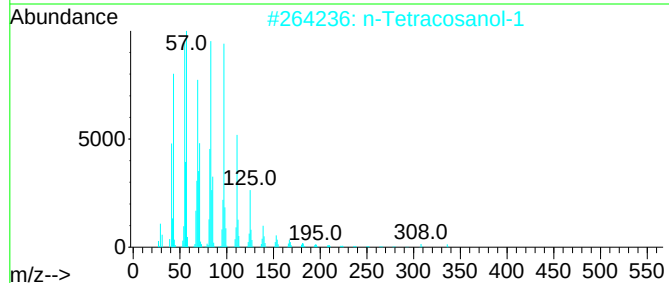
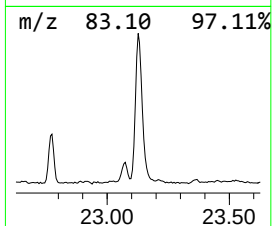
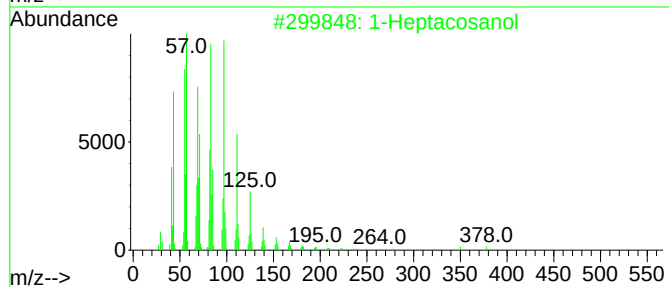
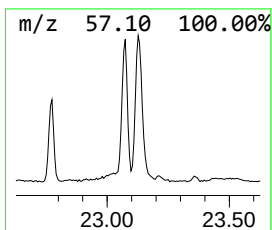
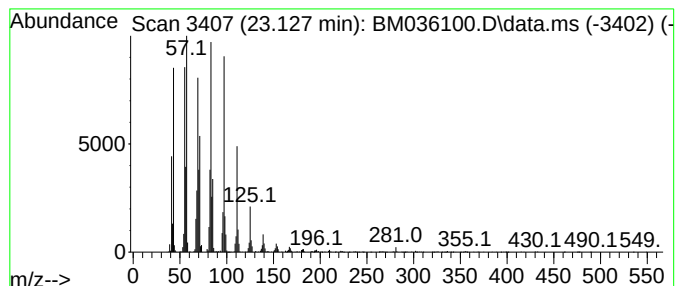
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Heptacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.127	16.58 ng	3291170	Perylene-d12	23.785

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptacosanol	396	C27H56O	002004-39-9	95
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3			1-Heneicosanol	312	C21H44O	015594-90-8	94
4			Behenic alcohol	326	C22H46O	000661-19-8	94
5			Heptacos-1-ene	378	C27H54	015306-27-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036100.D
Acq On : 04 Aug 2022 15:58
Operator : CG/JU
Sample : N3935-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-136

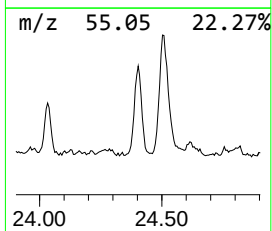
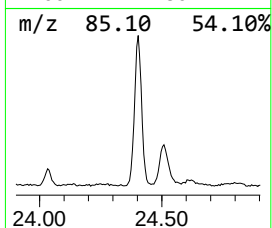
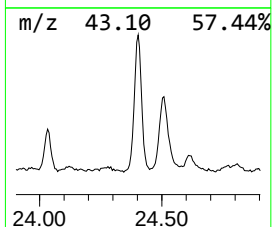
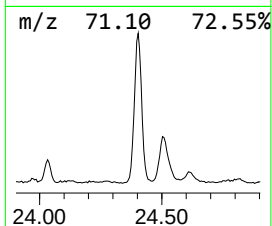
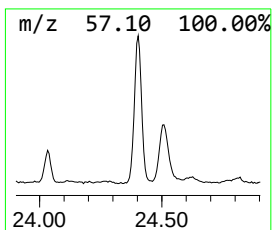
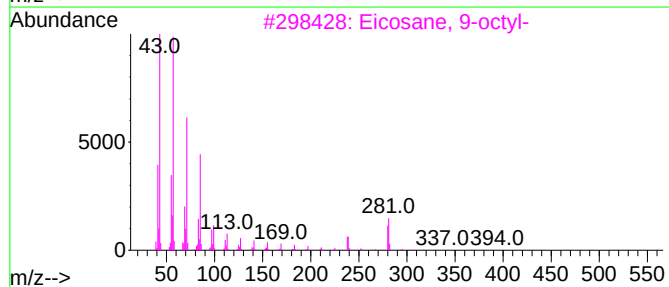
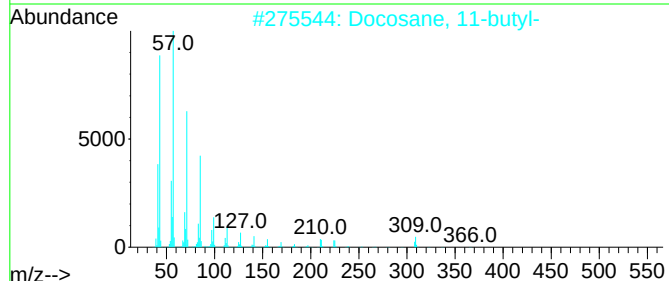
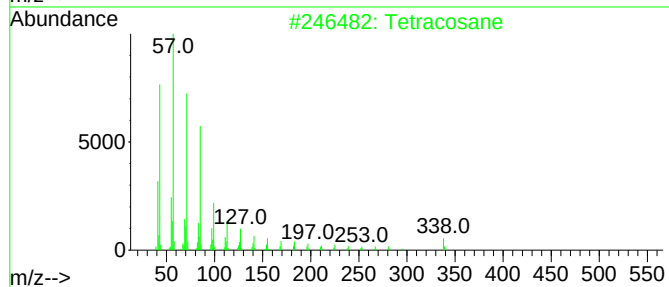
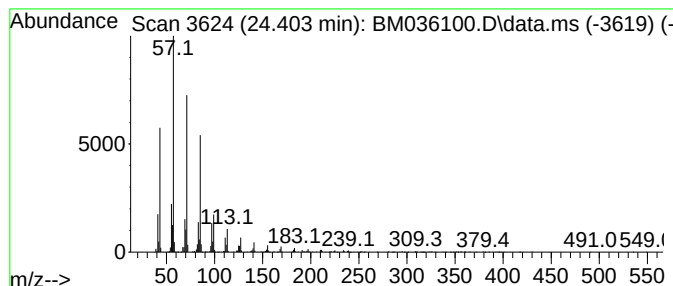
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Docosane, 11-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.403	8.72 ng	1732270	Perylene-d12	23.785

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	96
2			Docosane, 11-butyl-	366	C26H54	013475-76-8	95
3			Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
4			Octacosane	394	C28H58	000630-02-4	91
5			Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036100.D
Acq On : 04 Aug 2022 15:58
Operator : CG/JU
Sample : N3935-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-136

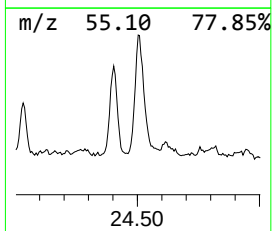
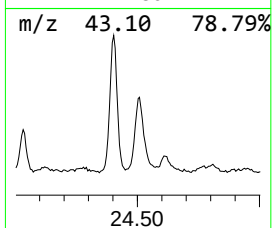
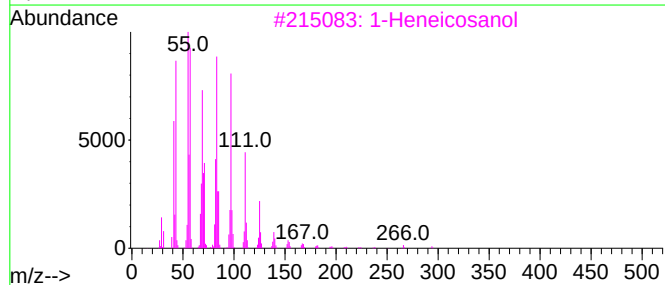
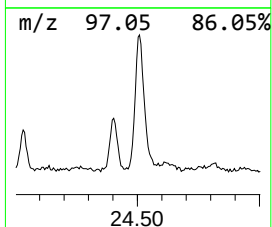
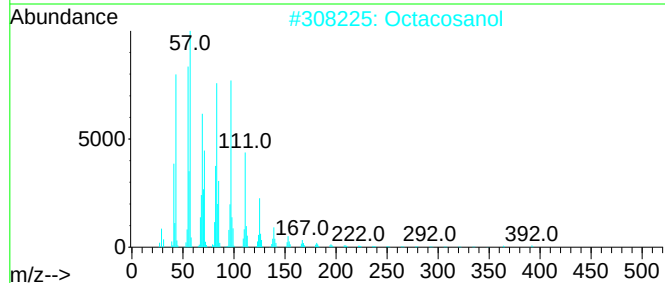
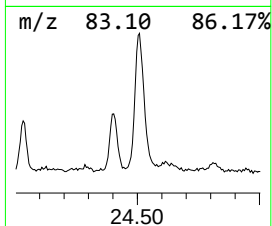
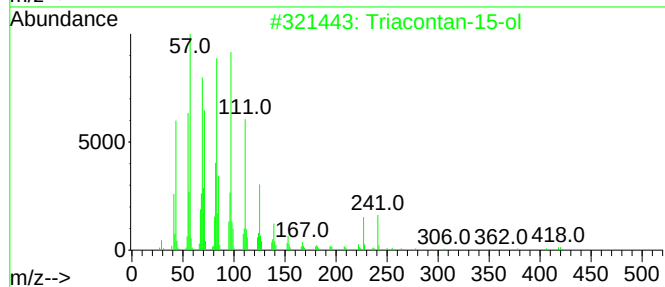
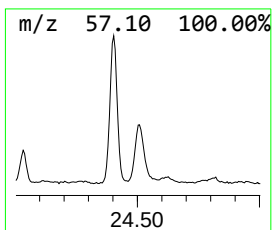
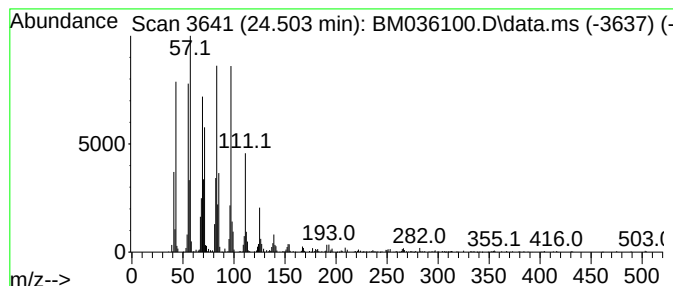
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Triacontan-15-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.503	8.24 ng	1635770	Perylene-d12	23.785

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontan-15-ol	438	C30H62O	031849-26-0	94
2			Octacosanol	410	C28H58O	000557-61-9	94
3			1-Heneicosanol	312	C21H44O	015594-90-8	93
4			1-Heptacosanol	396	C27H56O	002004-39-9	93
5			1-Hexacosene	364	C26H52	018835-33-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036100.D
Acq On : 04 Aug 2022 15:58
Operator : CG/JU
Sample : N3935-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-136

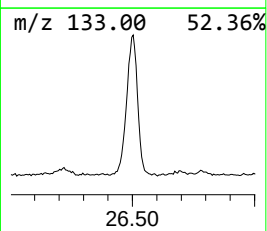
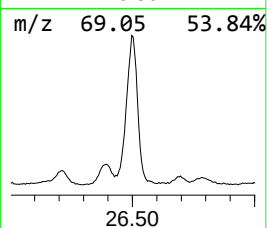
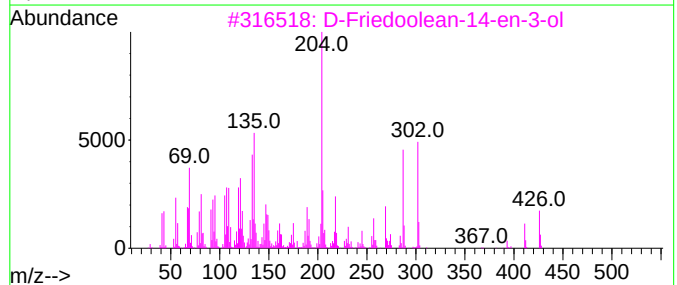
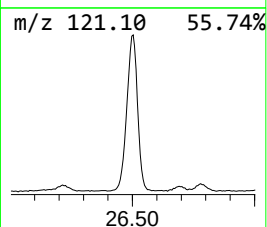
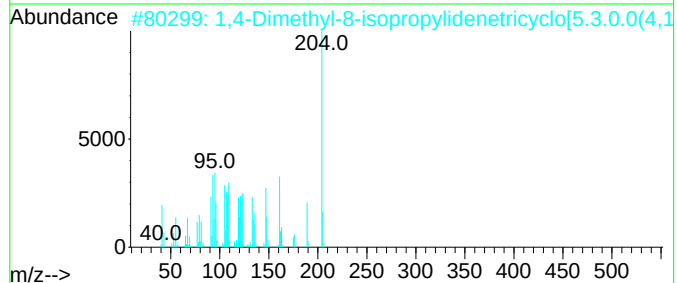
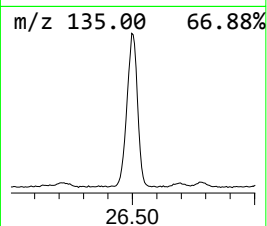
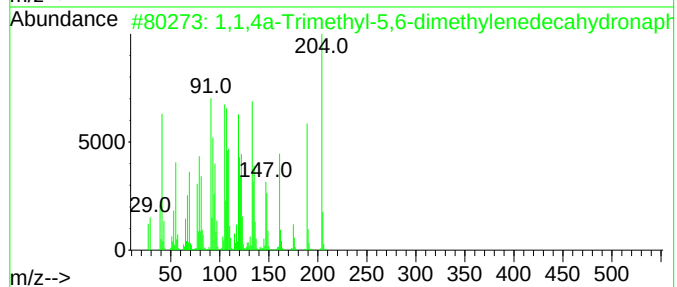
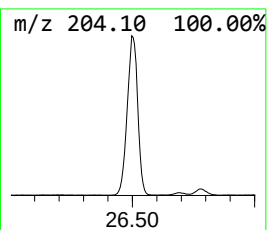
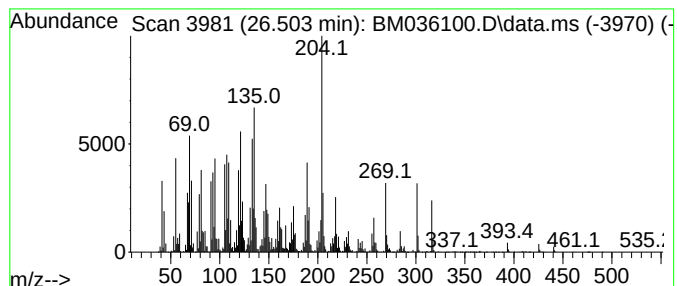
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1,1,4a-Trimethyl-5,6-dimeth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.503	88.86 ng	17644100	Perylene-d12	23.785

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	59		
2	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1010140-07-7	53		
3	D-Friedoolean-14-en-3-ol	426	C30H50O	081654-73-1	52		
4	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	46		
5	1-Naphthalenecarboxylic acid, de...	316	C21H32O2	001235-39-8	43		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080422\
Data File : BM036100.D
Acq On : 04 Aug 2022 15:58
Operator : CG/JU
Sample : N3935-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RVE-136

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.145	5.4	ng	1171190	4	17.239	4372620	20.0
1-Heneicosanol	21.139	17.3	ng	3861430	5	21.427	4478090	20.0
Octacosane	22.033	2.4	ng	530397	5	21.427	4478090	20.0
9-Tricosene, (Z)-	22.056	3.9	ng	870791	5	21.427	4478090	20.0
Hexacosanal	22.774	6.9	ng	1362410	6	23.785	3971170	20.0
Tetracosane	23.074	6.1	ng	1219870	6	23.785	3971170	20.0
1-Heptacosanol	23.127	16.6	ng	3291170	6	23.785	3971170	20.0
Docosane, 11-bu...	24.403	8.7	ng	1732270	6	23.785	3971170	20.0
Triacontan-15-ol	24.503	8.2	ng	1635770	6	23.785	3971170	20.0
1,1,4a-Trimethy...	26.503	88.9	ng	17644100	6	23.785	3971170	20.0