

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
 Data File : BM035157.D
 Acq On : 19 May 2022 17:53
 Operator : CG/JU
 Sample : N2864-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P011-SS004-0006-01

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-BM042722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035157.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.016	323	328	335	rBV	52283	76056	1.79%	0.254%
2	5.481	400	407	420	rBV	1457180	2079112	48.85%	6.932%
3	7.069	670	677	693	rBV	1373903	2233385	52.48%	7.447%
4	7.904	812	819	827	rBV	618968	946211	22.23%	3.155%
5	9.063	1008	1016	1025	rBV	908640	1501888	35.29%	5.008%
6	10.710	1288	1296	1303	rBV	740732	1283753	30.16%	4.280%
7	13.169	1707	1714	1723	rBV	2340519	3244285	76.23%	10.817%
8	14.374	1909	1919	1929	rBV2	30414	100846	2.37%	0.336%
9	14.545	1941	1948	1955	rBV	1083736	1630095	38.30%	5.435%
10	14.957	2011	2018	2024	rBV2	44591	74350	1.75%	0.248%
11	16.027	2194	2200	2209	rBV	1610778	2218661	52.13%	7.397%
12	16.539	2283	2287	2292	rBV	41348	55175	1.30%	0.184%
13	17.286	2408	2414	2421	rBV	1287496	1807054	42.46%	6.025%
14	18.192	2562	2568	2577	rBV	245980	374861	8.81%	1.250%
15	19.321	2756	2760	2761	rBV4	38316	43563	1.02%	0.145%
16	19.351	2761	2765	2779	rVB3	97907	217657	5.11%	0.726%
17	19.468	2781	2785	2795	rBV	251605	372403	8.75%	1.242%
18	19.603	2804	2808	2814	rBV6	43823	88805	2.09%	0.296%
19	19.827	2842	2846	2851	rBV2	59886	90007	2.11%	0.300%
20	19.915	2855	2861	2869	rVB	3377696	4256004	100.00%	14.190%
21	20.062	2883	2886	2890	rVB3	43370	53310	1.25%	0.178%
22	20.203	2906	2910	2914	rBV	135995	162581	3.82%	0.542%
23	20.409	2941	2945	2951	rBV3	80327	129537	3.04%	0.432%
24	20.480	2953	2957	2962	rVV	232494	270704	6.36%	0.903%
25	20.609	2976	2979	2981	rBV	77530	89104	2.09%	0.297%
26	20.798	3004	3011	3017	rBV2	165064	307726	7.23%	1.026%
27	20.945	3033	3036	3042	rBV2	177877	218376	5.13%	0.728%
28	21.192	3074	3078	3081	rBV2	307967	416300	9.78%	1.388%
29	21.274	3089	3092	3097	rVB4	86732	112380	2.64%	0.375%
30	21.392	3109	3112	3116	rBV	315339	353180	8.30%	1.178%
31	21.474	3121	3126	3129	rVV	1545699	2021585	47.50%	6.740%
32	21.503	3129	3131	3138	rVB3	293983	335009	7.87%	1.117%
33	21.827	3184	3186	3192	rVB4	106630	130870	3.07%	0.436%
34	23.862	3526	3532	3540	rVB2	1021780	2057512	48.34%	6.860%
35	24.580	3650	3654	3665	rVB	294636	639892	15.04%	2.134%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035157.D
Acq On : 19 May 2022 17:53
Operator : CG/JU
Sample : N2864-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P011-SS004-0006-01

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-BM042722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

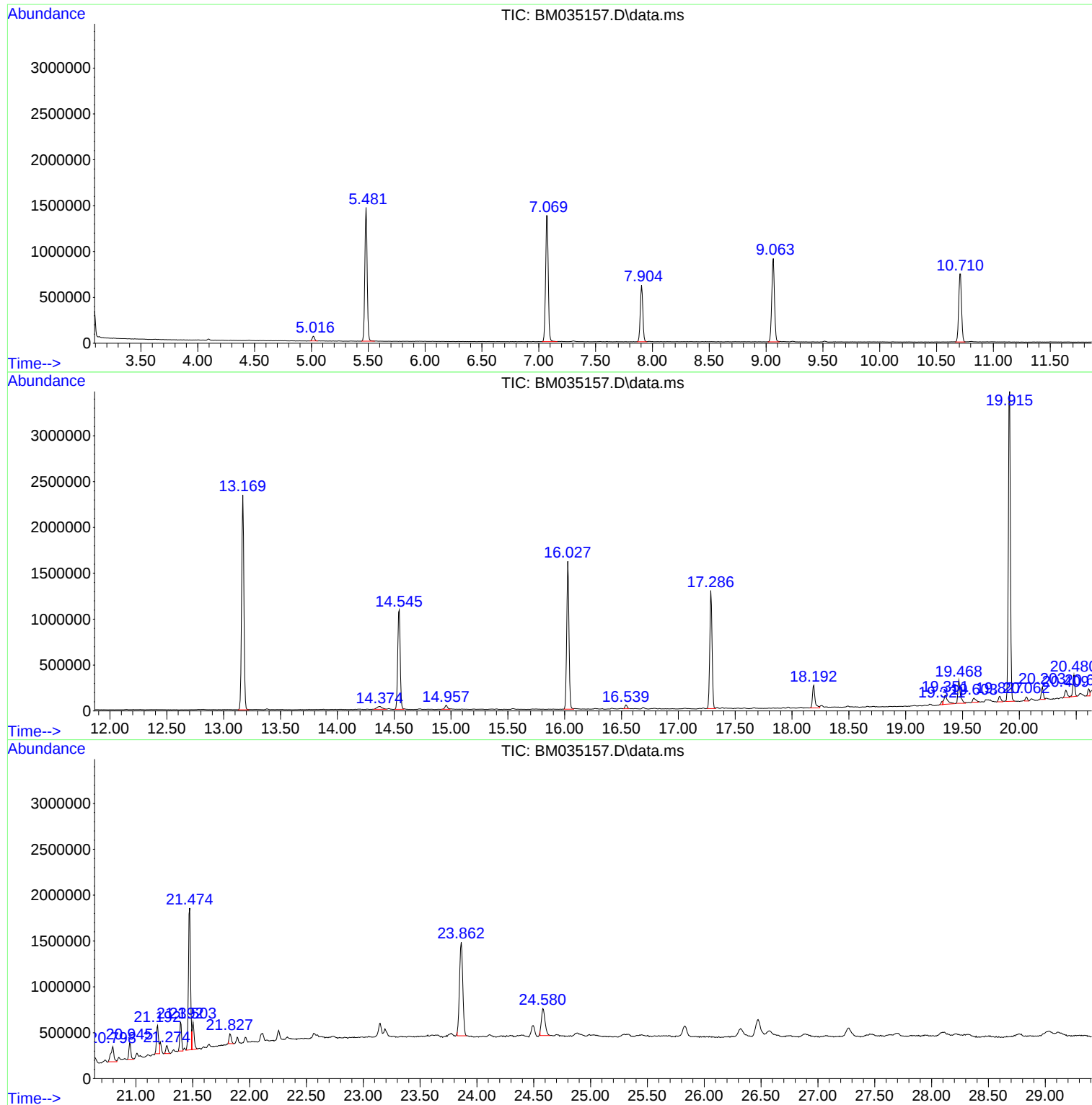
Sum of corrected areas: 29992237

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035157.D
Acq On : 19 May 2022 17:53
Operator : CG/JU
Sample : N2864-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P011-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.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\BM051922\
Data File : BM035157.D
Acq On : 19 May 2022 17:53
Operator : CG/JU
Sample : N2864-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P011-SS004-0006-01

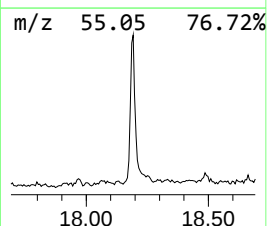
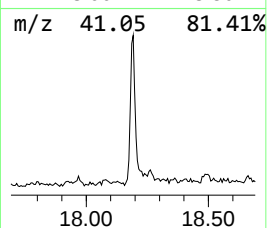
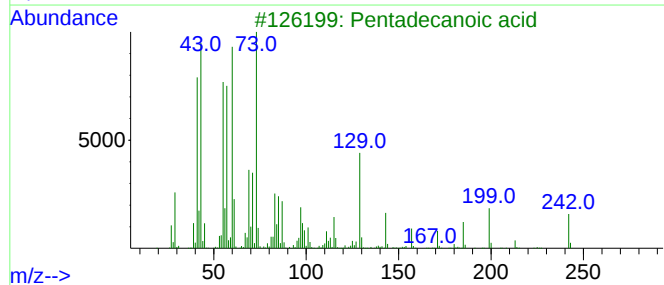
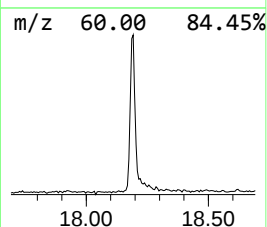
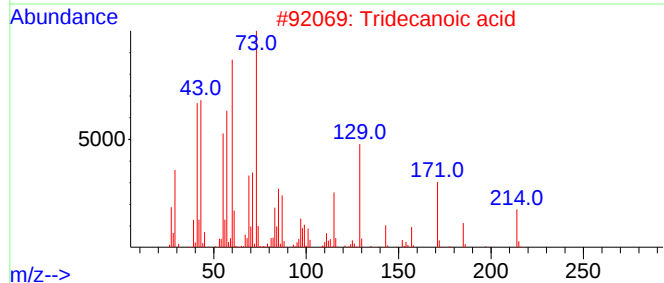
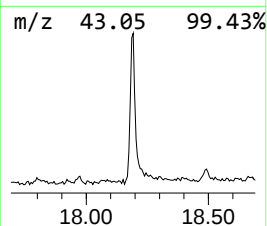
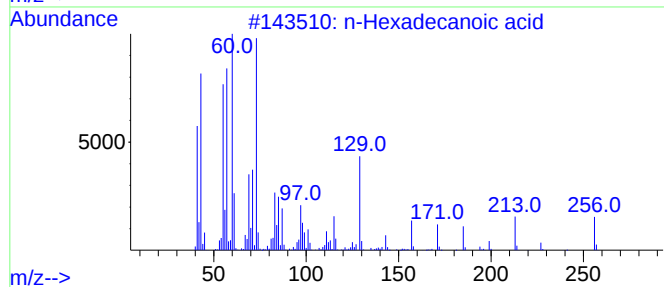
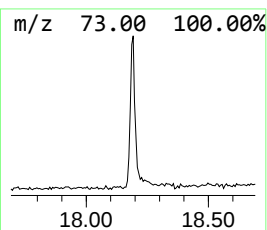
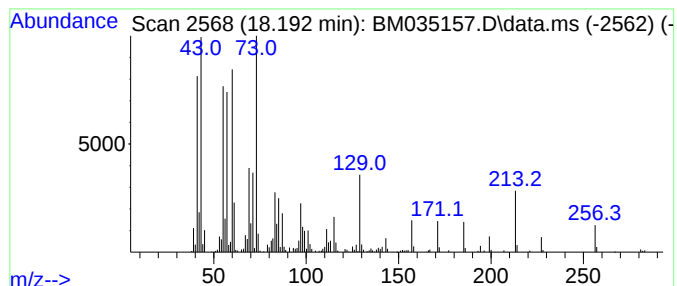
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	4.15 ng	374861	Phenanthrene-d10	17.286

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	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5			Dodecanoic acid	200	C12H24O2	000143-07-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035157.D
Acq On : 19 May 2022 17:53
Operator : CG/JU
Sample : N2864-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P011-SS004-0006-01

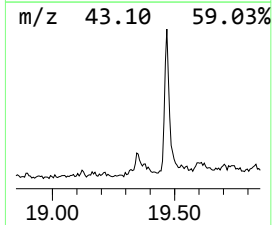
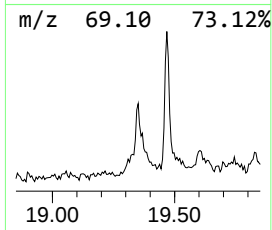
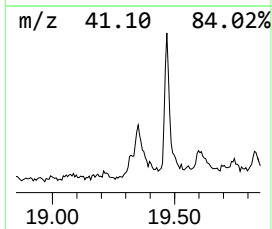
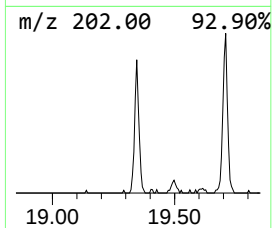
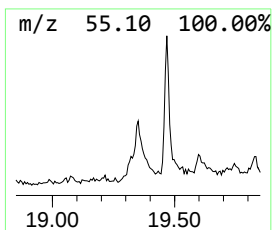
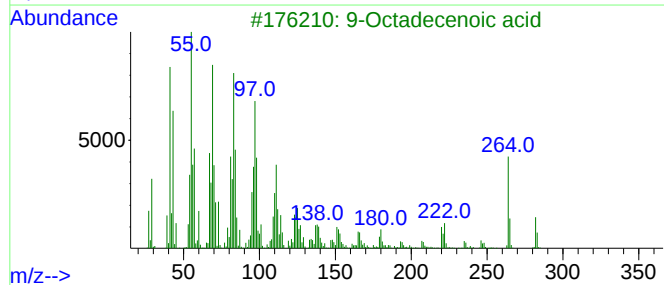
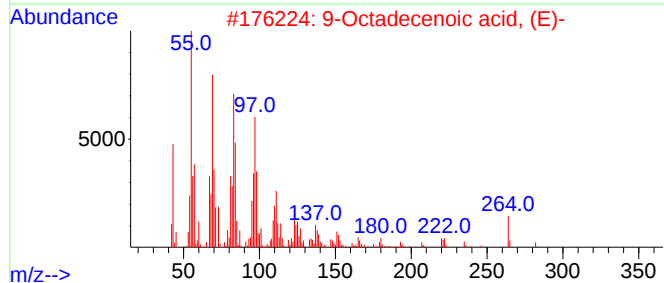
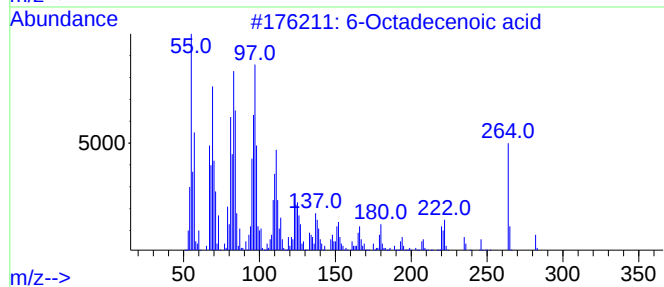
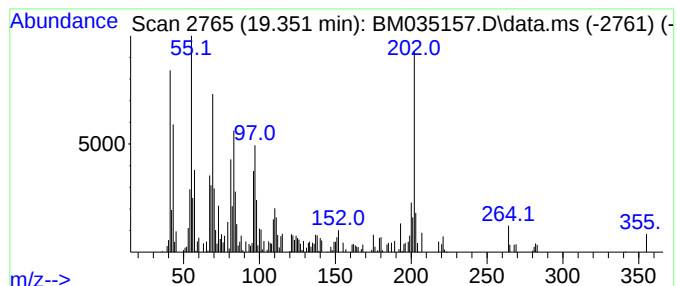
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 6-Octadecenoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.351	2.41 ng	217657	Phenanthrene-d10	17.286

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Octadecenoic acid	282	C18H34O2	1000336-66-8	90
2			9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	78
3			9-Octadecenoic acid	282	C18H34O2	002027-47-6	78
4			Oleic Acid	282	C18H34O2	000112-80-1	78
5			cis-Vaccenic acid	282	C18H34O2	000506-17-2	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035157.D
Acq On : 19 May 2022 17:53
Operator : CG/JU
Sample : N2864-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P011-SS004-0006-01

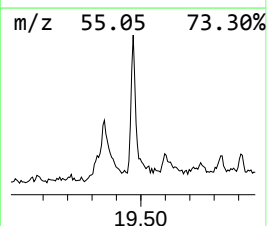
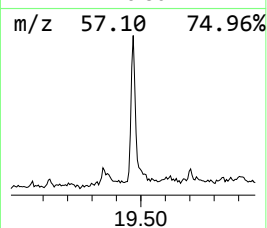
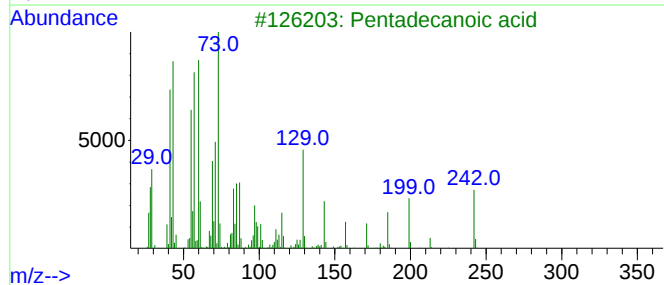
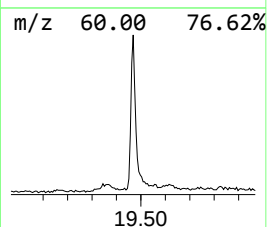
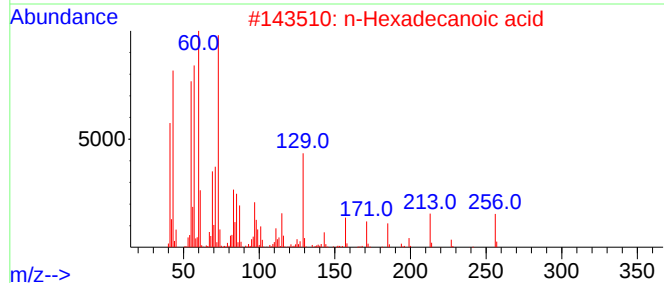
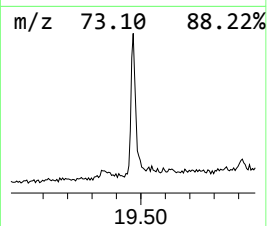
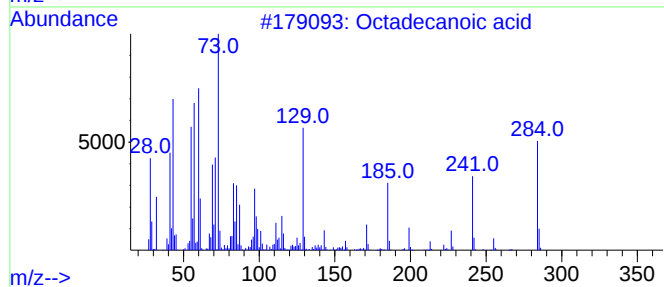
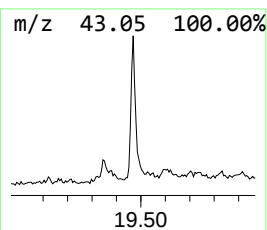
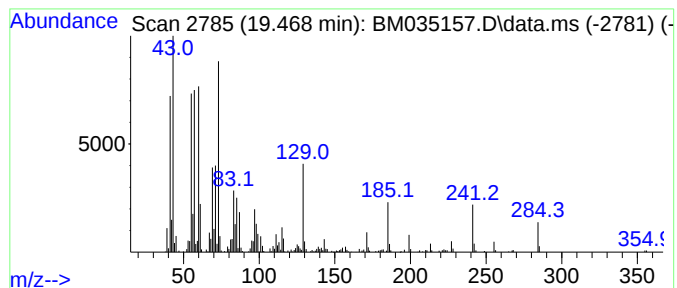
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.468	3.68 ng	372403	Chrysene-d12	21.474

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035157.D
Acq On : 19 May 2022 17:53
Operator : CG/JU
Sample : N2864-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

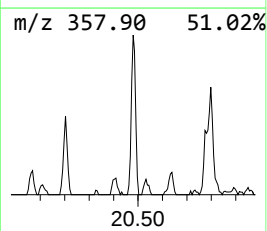
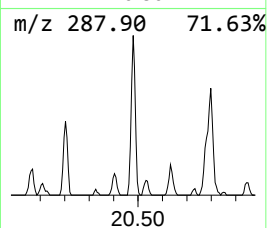
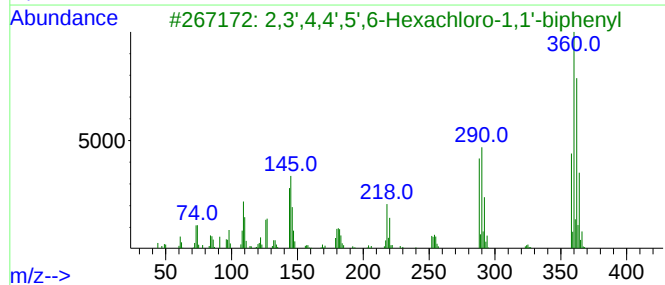
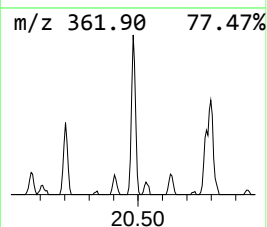
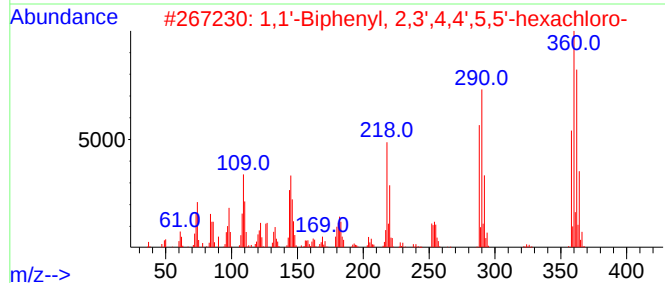
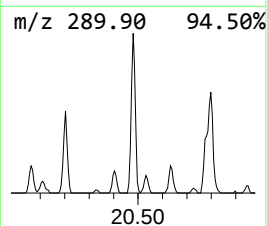
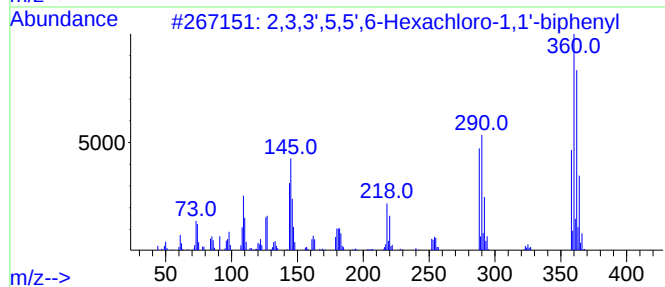
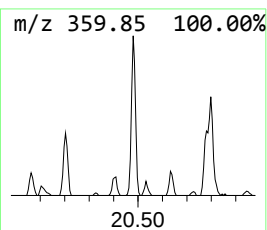
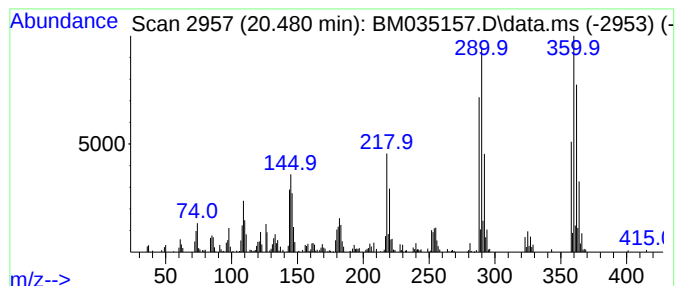
Instrument :
BNA_M
ClientSampleId :
P011-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2,3,3',5,5',6-Hexachloro-1,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.480	2.68 ng	270704	Chrysene-d12	21.474	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',5,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-46-1	99
2	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99
4	2,3,3',4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	074472-45-0	99
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035157.D
Acq On : 19 May 2022 17:53
Operator : CG/JU
Sample : N2864-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

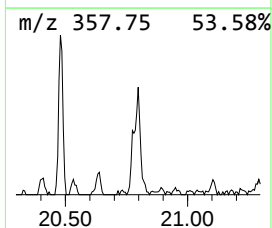
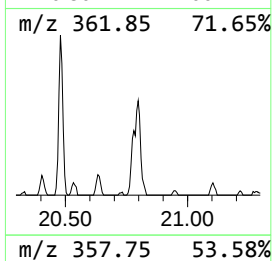
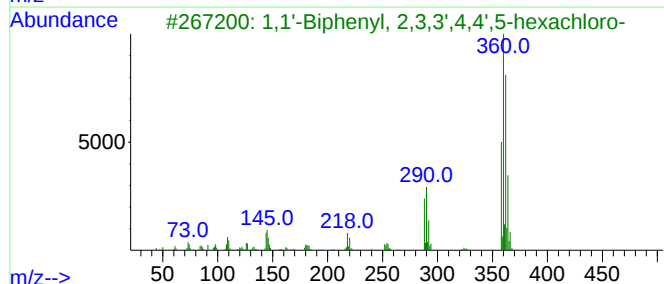
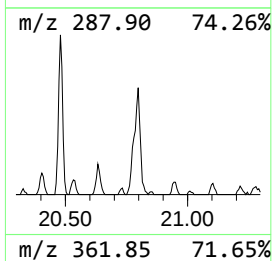
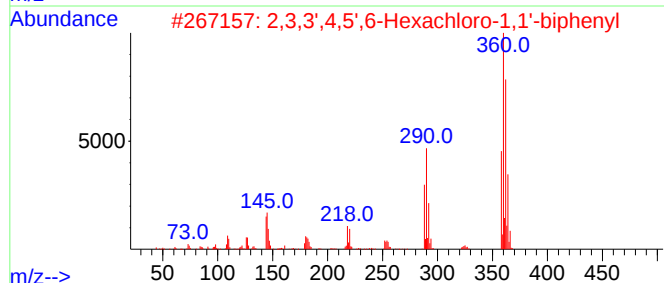
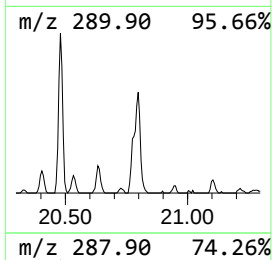
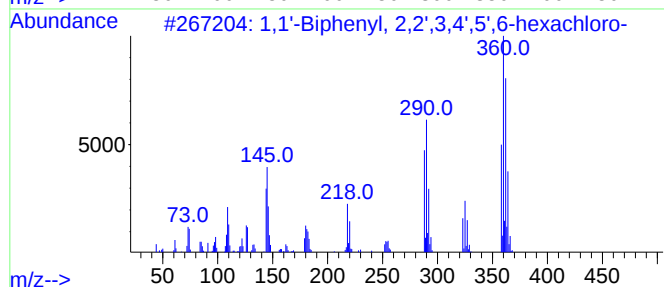
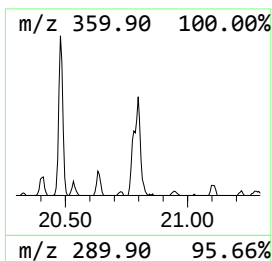
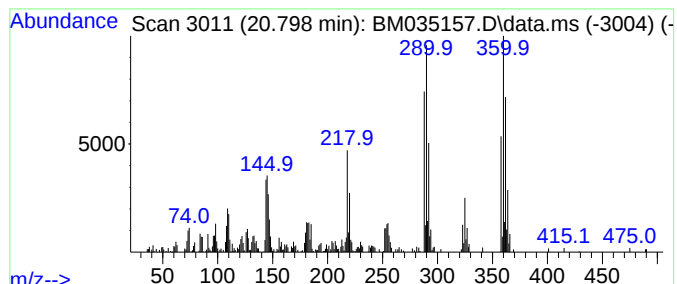
Instrument :
BNA_M
ClientSampleId :
P011-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,2',3,4',5'... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.797	3.04 ng	307726	Chrysene-d12	21.474	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
2	2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
3	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	2,3',4,4',5',6-Hexachloro-1,1'-b...	358	C12H4Cl6	059291-65-5	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035157.D
Acq On : 19 May 2022 17:53
Operator : CG/JU
Sample : N2864-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

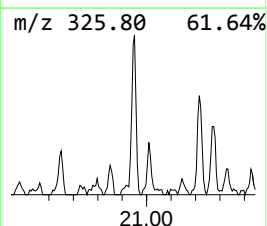
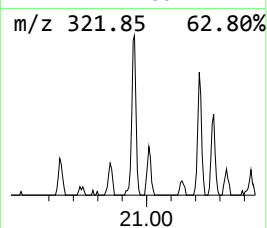
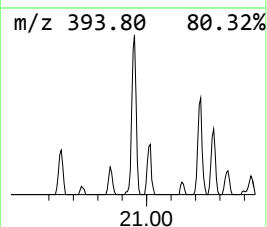
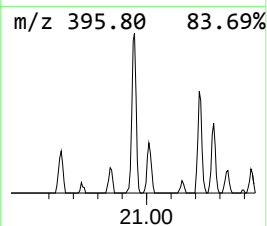
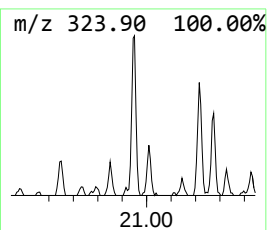
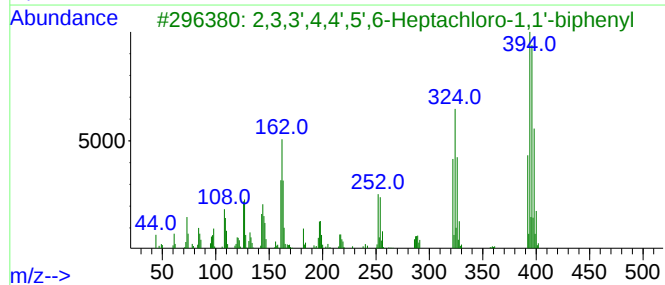
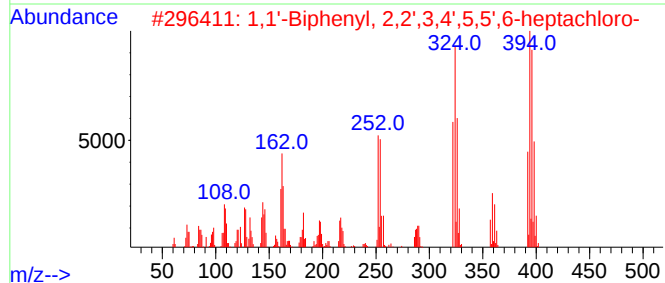
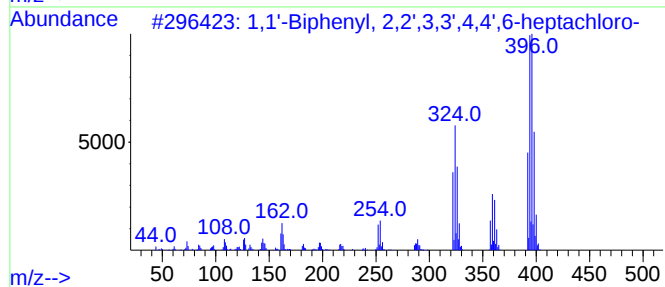
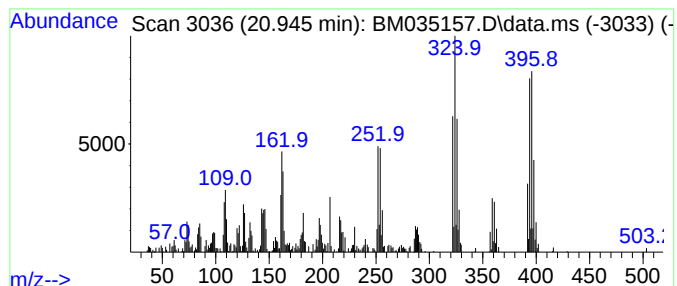
Instrument :
BNA_M
ClientSampleId :
P011-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.945	2.16 ng	218376	Chrysene-d12	21.474	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,4',6-...	392	C12H3Cl7	052663-71-5	99
2	1,1'-Biphenyl, 2,2',3,4',5,5',6-...	392	C12H3Cl7	052663-68-0	99
3	2,3,3',4,4',5',6-Heptachloro-1,1...	392	C12H3Cl7	074472-50-7	99
4	1,1'-Biphenyl, 2,3,3',4',5,5',6-...	392	C12H3Cl7	069782-91-8	99
5	1,1'-Biphenyl, 2,2',3,3',4,4',5-...	392	C12H3Cl7	035065-30-6	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035157.D
Acq On : 19 May 2022 17:53
Operator : CG/JU
Sample : N2864-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P011-SS004-0006-01

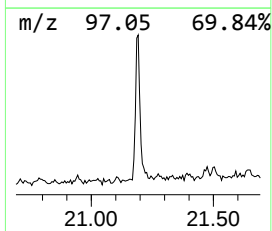
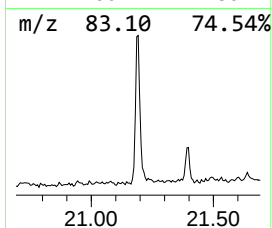
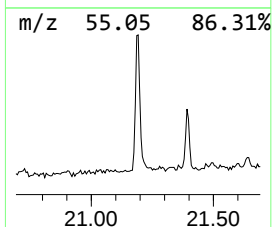
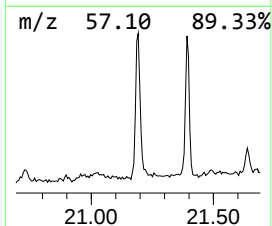
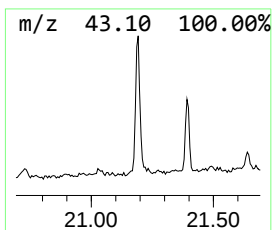
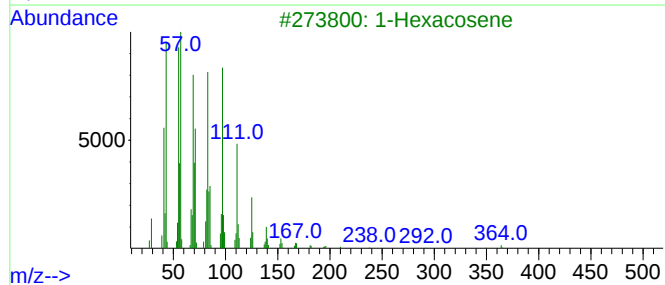
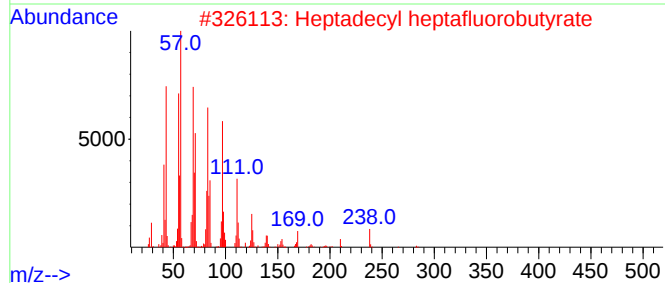
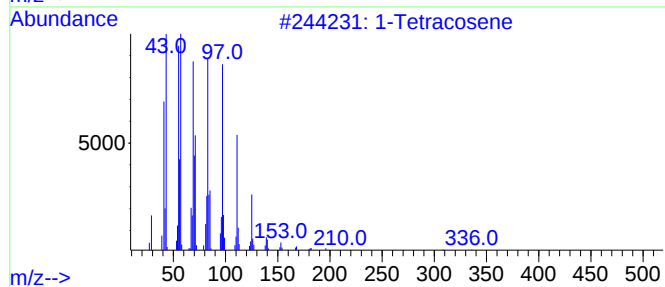
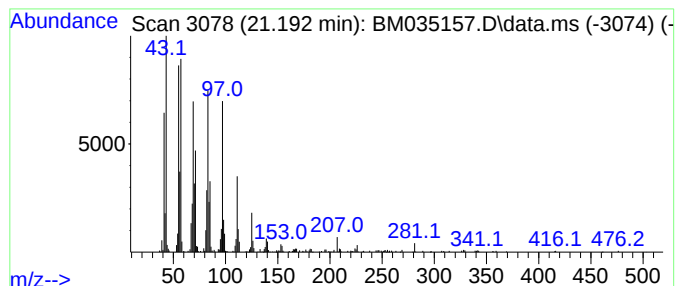
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Tetracosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	4.12 ng	416300	Chrysene-d12	21.474

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Tetracosene	336	C24H48	010192-32-2	95
2			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3			1-Hexacosene	364	C26H52	018835-33-1	94
4			1-Octadecanol	270	C18H38O	000112-92-5	93
5			1-Tricosene	322	C23H46	018835-32-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035157.D
Acq On : 19 May 2022 17:53
Operator : CG/JU
Sample : N2864-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P011-SS004-0006-01

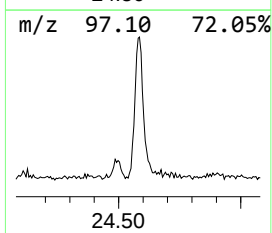
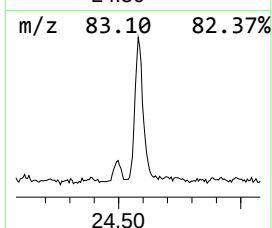
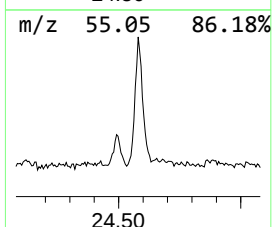
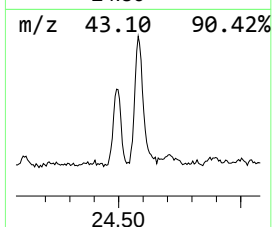
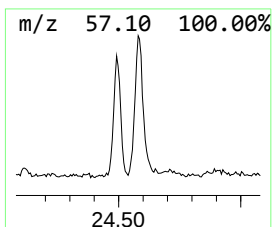
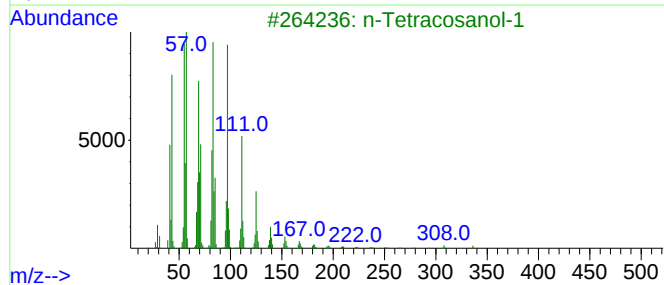
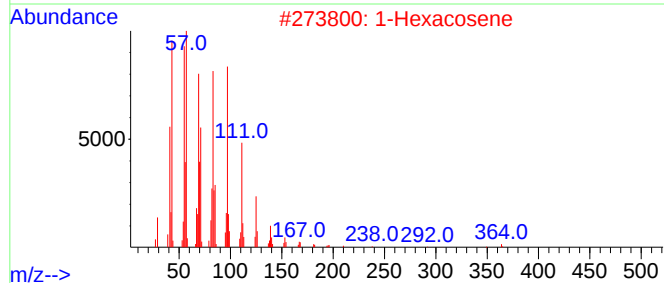
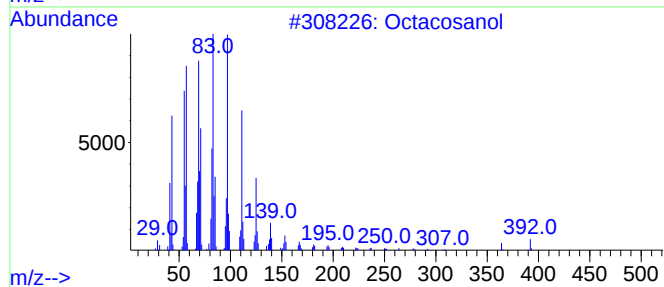
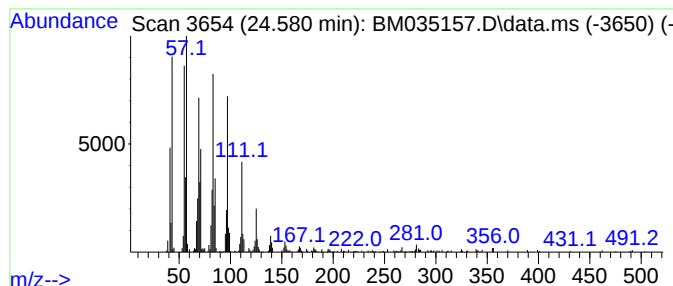
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.580	6.22 ng	639892	Perylene-d12	23.862

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosanol	410	C28H58O	000557-61-9	95
2		1-Hexacosene	364	C26H52	018835-33-1	93
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4		Heptacos-1-ene	378	C27H54	015306-27-1	93
5		1-Hexacosanol	382	C26H54O	000506-52-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035157.D
Acq On : 19 May 2022 17:53
Operator : CG/JU
Sample : N2864-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P011-SS004-0006-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.192	4.2	ng	374861	4	17.286	1807050	20.0
6-Octadecenoic ...	19.351	2.4	ng	217657	4	17.286	1807050	20.0
Octadecanoic acid	19.468	3.7	ng	372403	5	21.474	2021590	20.0
2,3,3',5,5',6-H...	20.480	2.7	ng	270704	5	21.474	2021590	20.0
1,1'-Biphenyl, ...	20.797	3.0	ng	307726	5	21.474	2021590	20.0
1,1'-Biphenyl, ...	20.945	2.2	ng	218376	5	21.474	2021590	20.0
1-Tetracosene	21.192	4.1	ng	416300	5	21.474	2021590	20.0
Octacosanol	24.580	6.2	ng	639892	6	23.862	2057510	20.0