

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
 Data File : BM049836.D
 Acq On : 07 Apr 2025 12:45
 Operator : RC/JU
 Sample : Q1675-21
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 K3

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-BM031325.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049836.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.375	397	406	415	rBV	7550524	10773333	4.77%	0.971%
2	6.969	668	677	689	rBV	6920492	10906333	4.83%	0.983%
3	8.946	1005	1013	1021	rBV	4067790	6720600	2.98%	0.606%
4	10.581	1285	1291	1299	rBV	1515723	2451103	1.09%	0.221%
5	13.051	1705	1711	1726	rVB	11364911	16800710	7.45%	1.514%
6	14.427	1940	1945	1951	rVB	2603178	4034698	1.79%	0.364%
7	14.892	2020	2024	2035	rVB	3987099	7375905	3.27%	0.665%
8	15.457	2072	2120	2123	rBV4	22372850	207291901	91.88%	18.685%
9	15.922	2194	2199	2203	rVB	9632743	14559434	6.45%	1.312%
10	17.104	2396	2400	2407	rVB3	1679459	3038521	1.35%	0.274%
11	17.168	2408	2411	2415	rVB2	2217592	2744605	1.22%	0.247%
12	17.851	2522	2527	2532	rVB	6649850	8841471	3.92%	0.797%
13	18.192	2559	2585	2604	rVB2	32685774	225622503	100.00%	20.337%
14	18.545	2642	2645	2650	rVB	2502187	3323527	1.47%	0.300%
15	18.627	2655	2659	2663	rVV	8238334	12845851	5.69%	1.158%
16	18.668	2663	2666	2671	rVB	5602610	8669405	3.84%	0.781%
17	18.762	2679	2682	2694	rVB	1529241	3035485	1.35%	0.274%
18	19.162	2745	2750	2754	rBV	12403037	17063687	7.56%	1.538%
19	19.233	2756	2762	2765	rBV	8473857	17314308	7.67%	1.561%
20	19.433	2776	2796	2807	rVB3	31730167	170006427	75.35%	15.324%
21	19.627	2825	2829	2840	rVB	4007140	7564922	3.35%	0.682%
22	19.804	2854	2859	2870	rVB	19492759	26732347	11.85%	2.410%
23	20.386	2953	2958	2964	rBV	7802041	11534853	5.11%	1.040%
24	21.068	3068	3074	3083	rVB	12441172	21820450	9.67%	1.967%
25	21.427	3127	3135	3145	rVB2	21044228	43176669	19.14%	3.892%
26	21.792	3189	3197	3207	rVB	15431722	33733892	14.95%	3.041%
27	22.609	3326	3336	3352	rVB	18054258	48205699	21.37%	4.345%
28	23.556	3486	3497	3510	rVB	17858428	51864445	22.99%	4.675%
29	24.415	3637	3643	3657	rVB	1975358	5272928	2.34%	0.475%
30	24.644	3670	3682	3712	rVB	13355671	46901929	20.79%	4.228%
31	25.939	3889	3902	3915	rVB	7291184	28907048	12.81%	2.606%
32	28.491	4324	4336	4355	rVB4	6204739	30273623	13.42%	2.729%

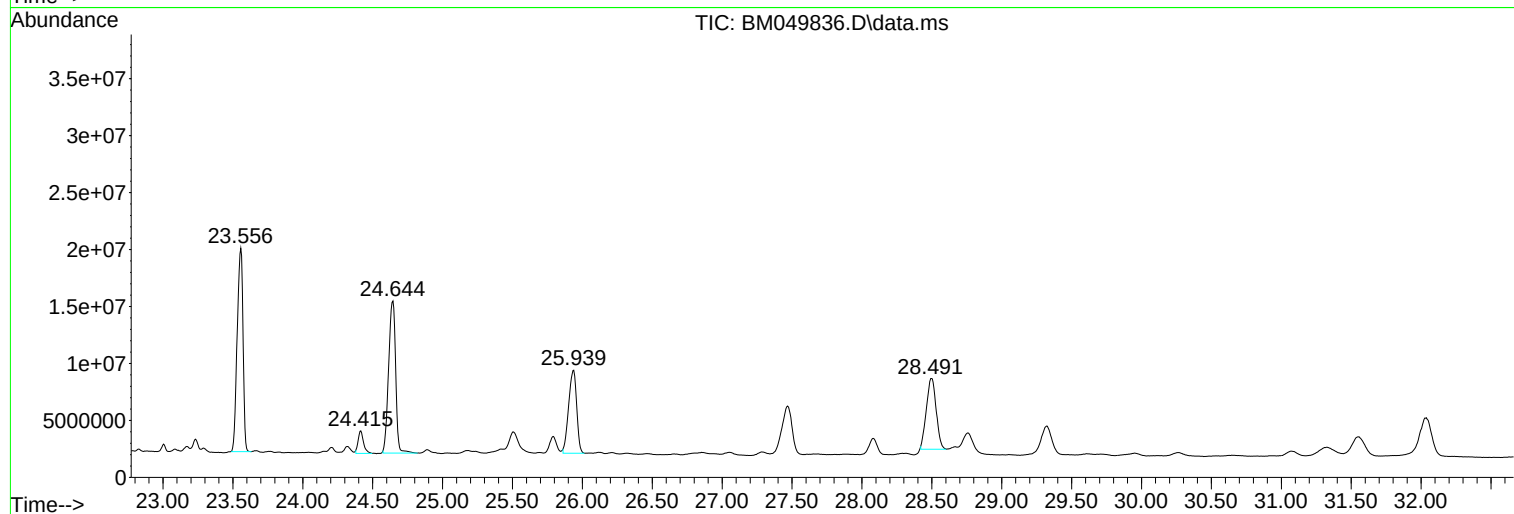
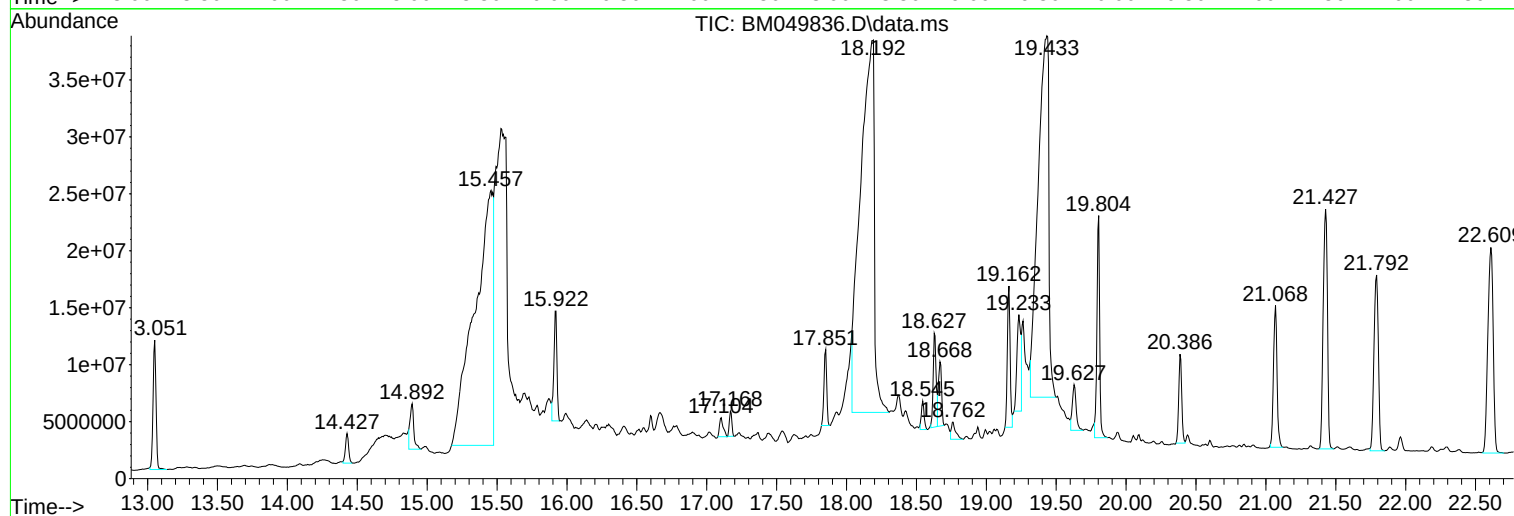
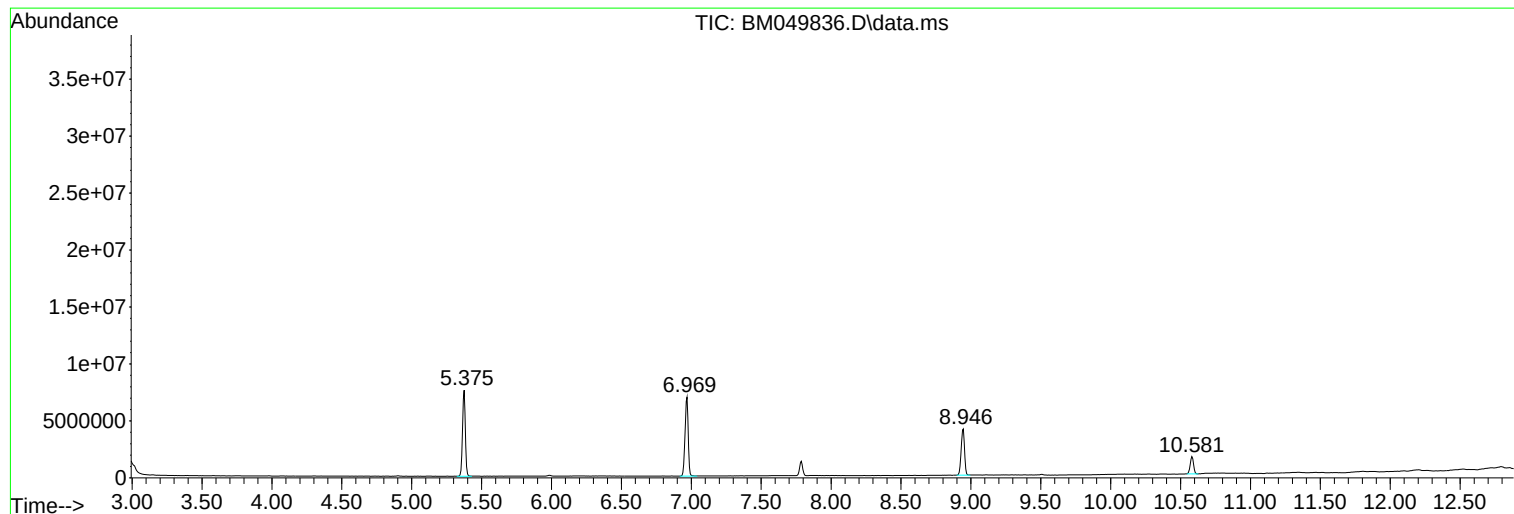
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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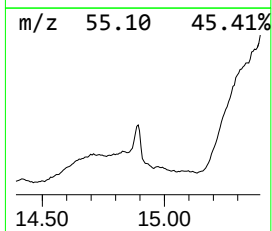
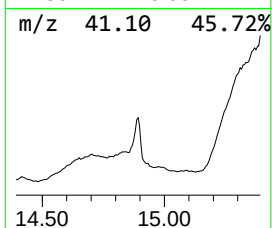
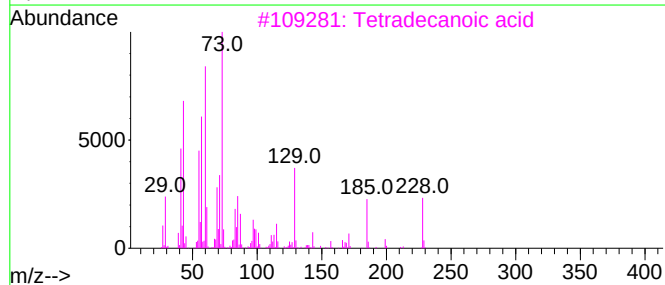
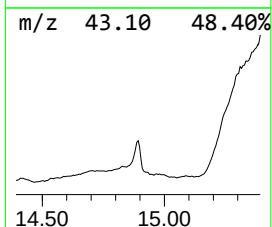
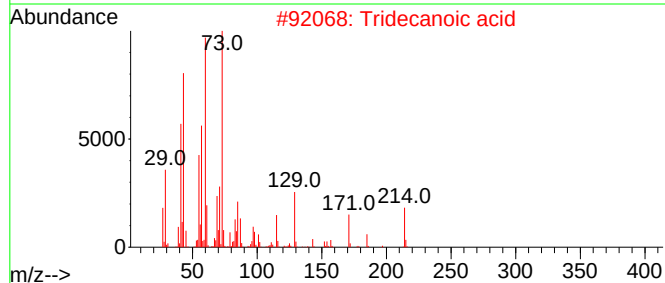
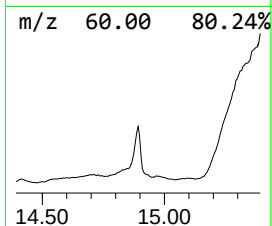
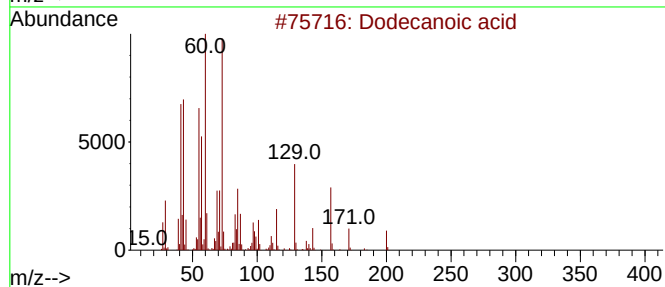
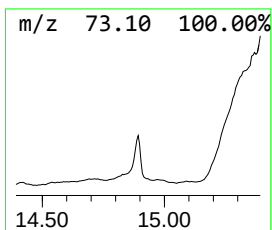
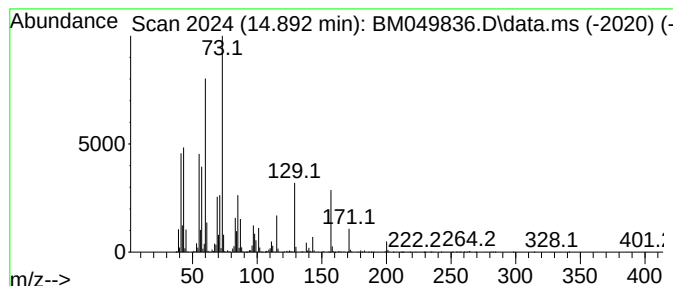
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Dodecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.892	36.56 ng	7375910	Acenaphthene-d10	14.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	96
2			Tridecanoic acid	214	C13H26O2	000638-53-9	86
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4			Nonanoic acid	158	C9H18O2	000112-05-0	60
5			Undecanoic acid	186	C11H22O2	000112-37-8	53



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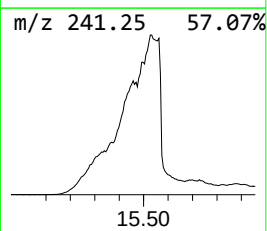
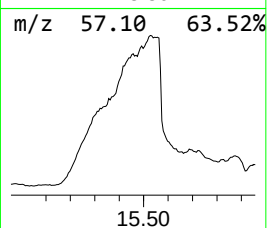
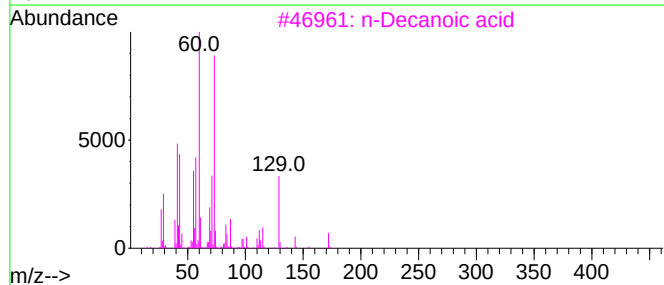
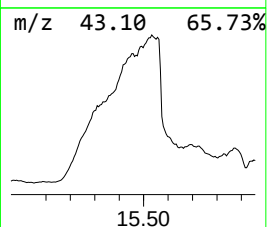
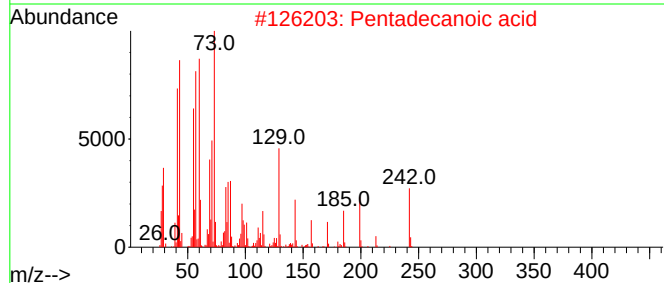
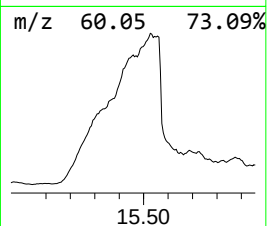
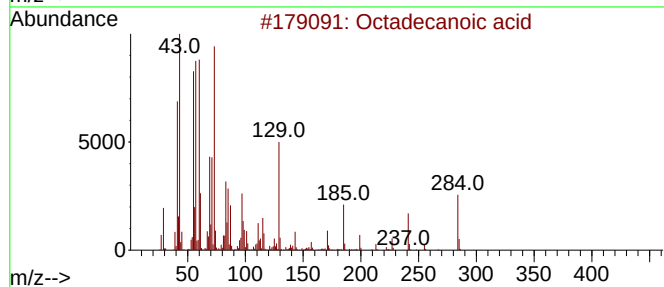
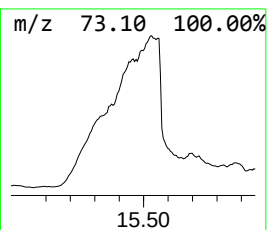
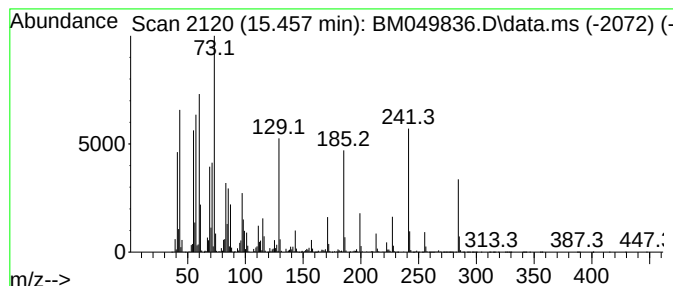
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.457	1027.55 ng	207292000	Acenaphthene-d10	14.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	78
3			n-Decanoic acid	172	C10H20O2	000334-48-5	55
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5			Undecanoic acid	186	C11H22O2	000112-37-8	30



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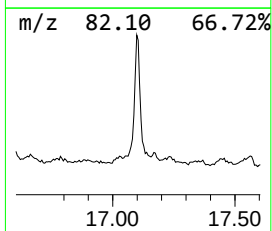
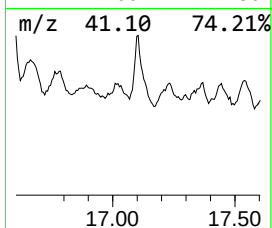
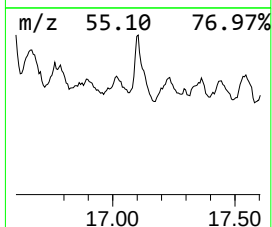
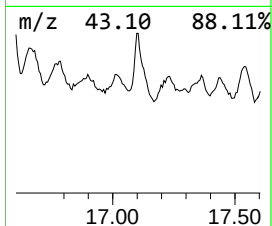
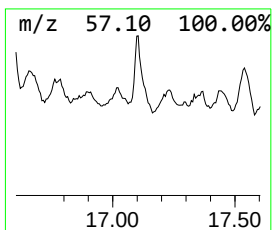
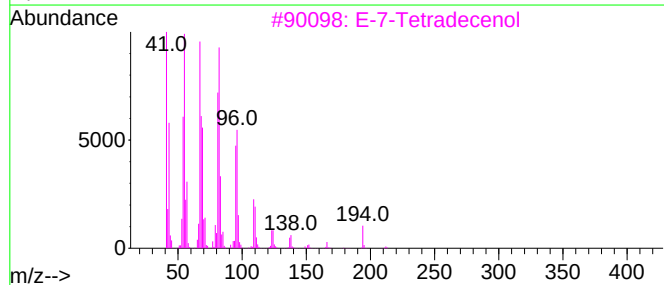
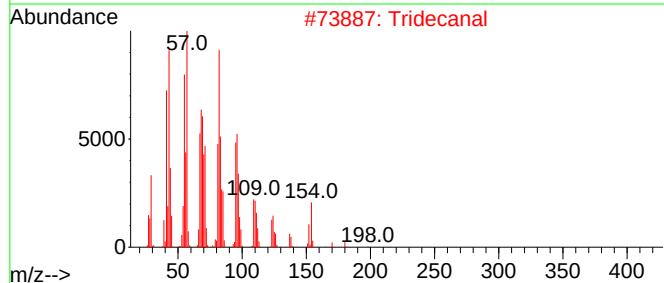
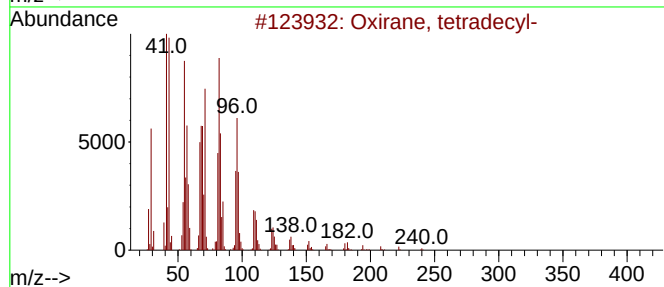
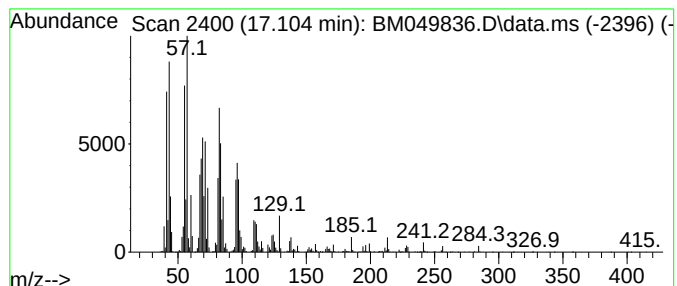
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Oxirane, tetradecyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.104	22.14 ng	3038520	Phenanthrene-d10		17.169		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, tetradecyl-	240	C16H32O	007320-37-8	93
2			Tridecanal	198	C13H26O	010486-19-8	91
3			E-7-Tetradecenol	212	C14H28O	037011-95-3	87
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	87
5			Tetradecanal	212	C14H28O	000124-25-4	86



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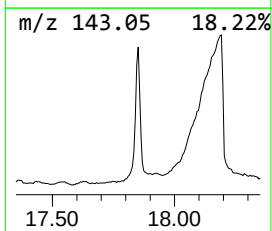
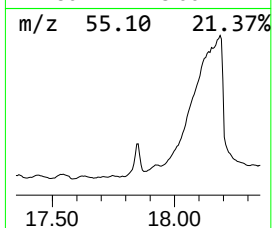
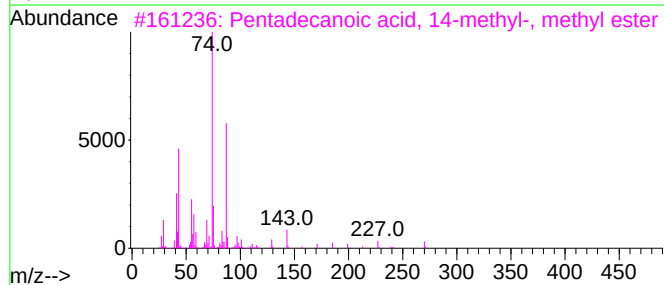
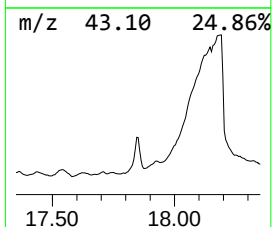
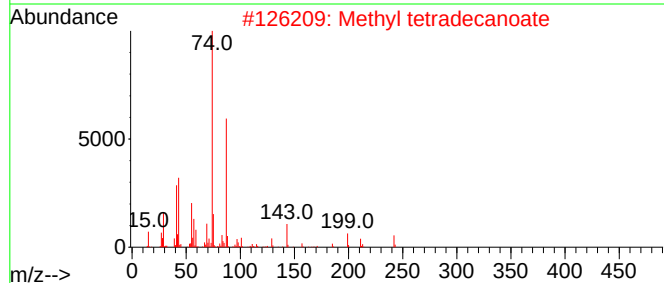
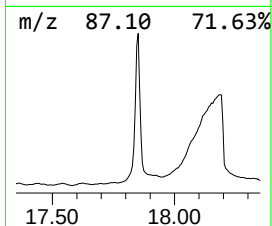
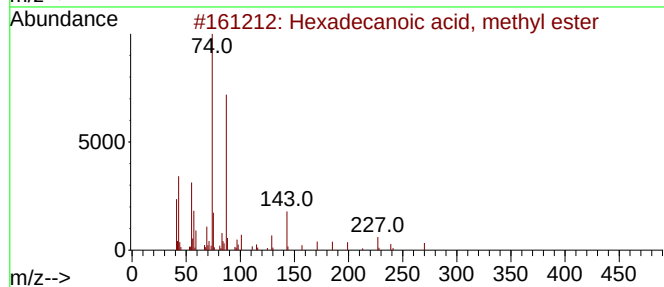
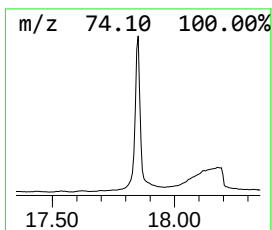
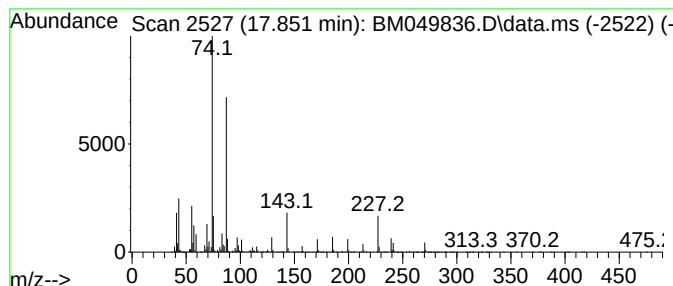
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.851	64.43 ng	8841470	Phenanthrene-d10	17.169	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	83



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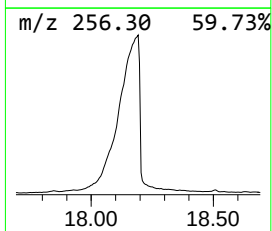
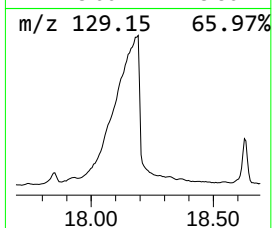
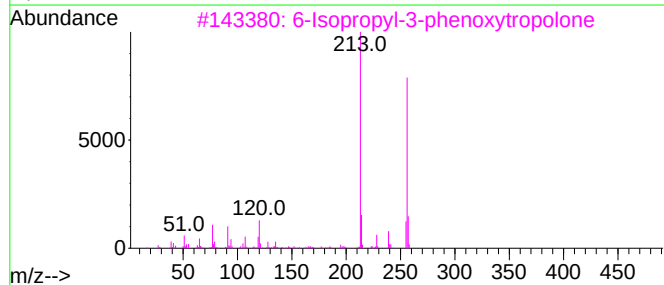
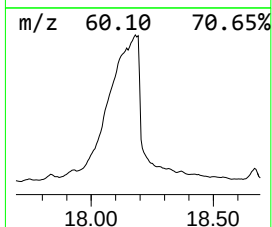
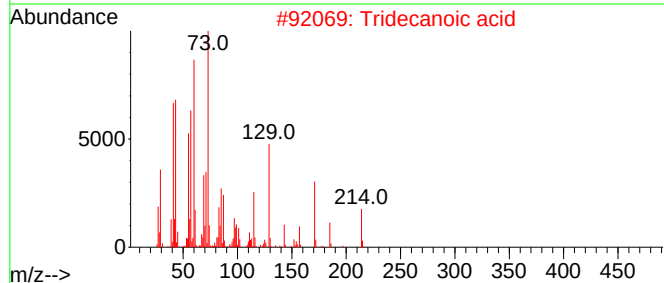
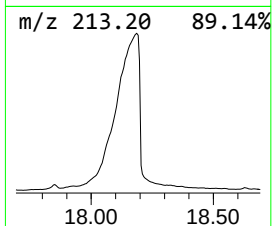
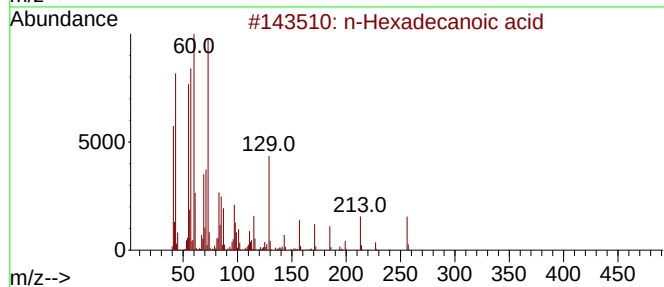
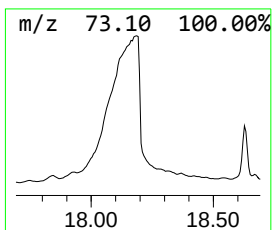
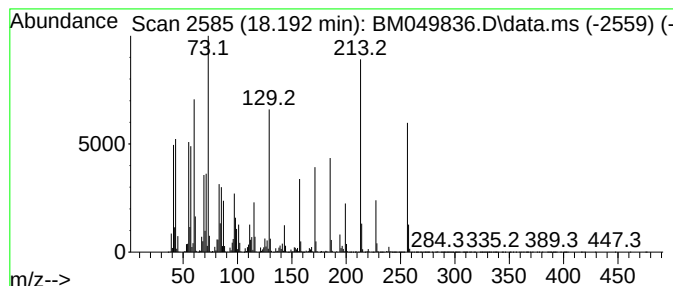
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	1644.12 ng	225623000	Phenanthrene-d10	17.169

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	90
3			6-Isopropyl-3-phenoxytropolone	256	C16H16O3	002904-79-2	30
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	30
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	25



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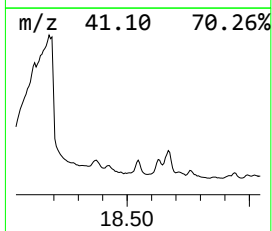
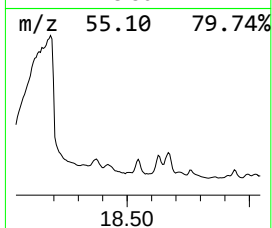
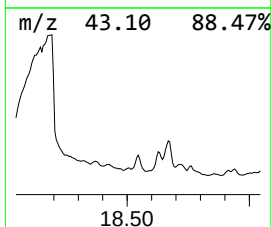
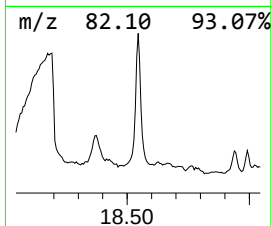
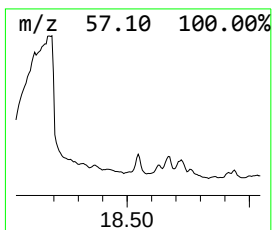
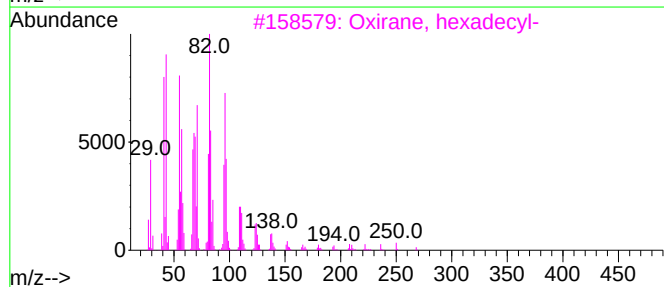
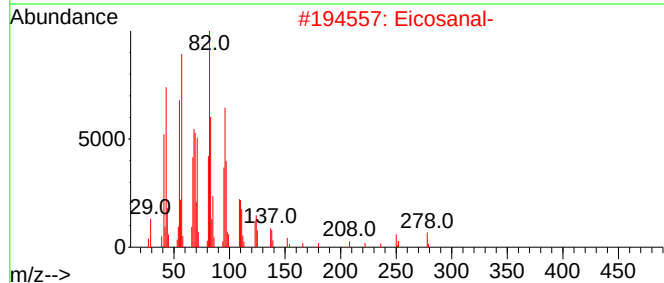
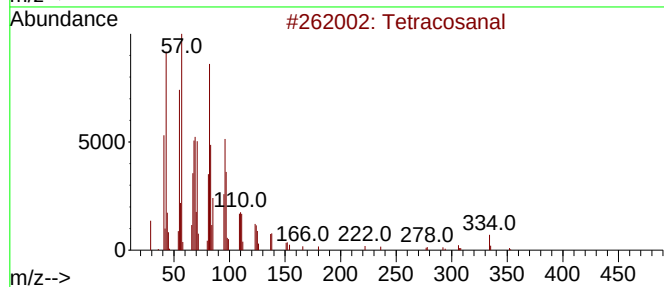
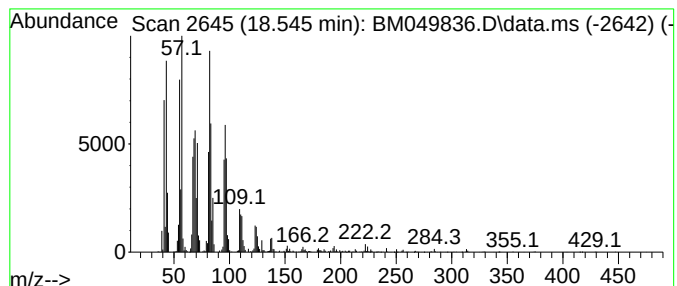
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetracosanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.545	24.22 ng	3323530	Phenanthrene-d10		17.169	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tetracosanal		352	C24H48O	057866-08-7	94
2	Eicosanal-		296	C20H40O	002400-66-0	94
3	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	94
4	14-Octadecenal		266	C18H34O	056554-89-3	94
5	Oxirane, heptadecyl-		282	C19H38O	067860-04-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
Data File : BM049836.D
Acq On : 07 Apr 2025 12:45
Operator : RC/JU
Sample : Q1675-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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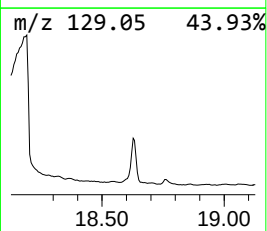
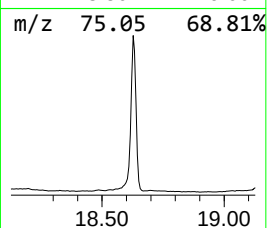
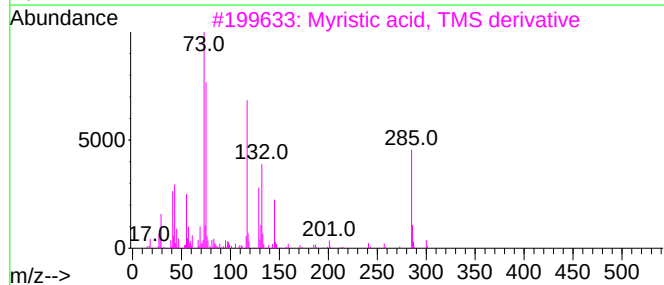
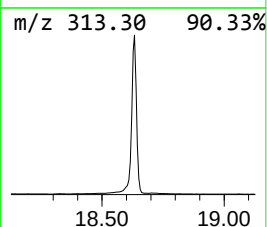
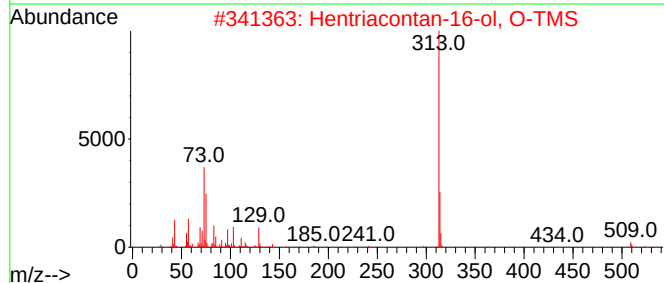
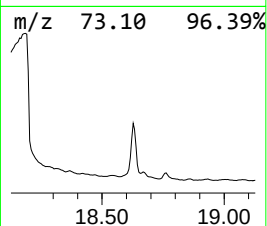
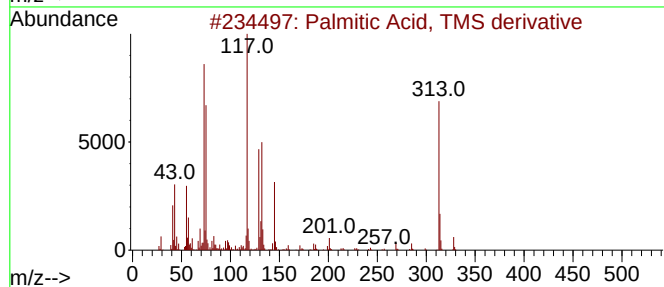
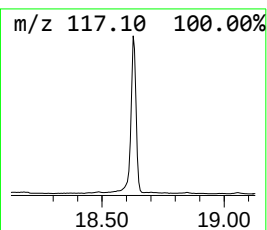
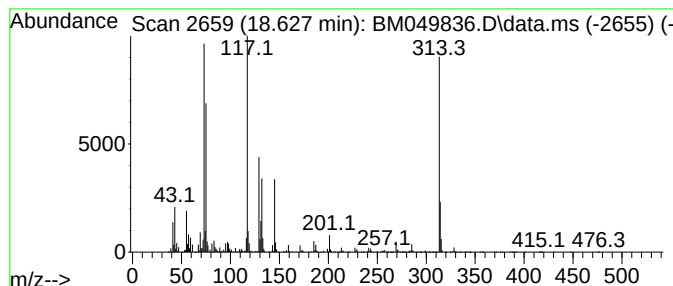
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Palmitic Acid, TMS derivative Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.627	93.61 ng	12845900	Phenanthrene-d10	17.169

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Palmitic Acid, TMS derivative	328	C19H40O2Si	055520-89-3	91
2			Hentriacontan-16-ol, O-TMS	525	C34H72OSi	1000466-23-5	38
3			Myristic acid, TMS derivative	300	C17H36O2Si	018603-17-3	35
4			Palmitic Acid, TBDMS derivative	370	C22H46O2Si	058160-87-5	35
5			2-Hexanol, TMS derivative	174	C9H22OSi	017888-63-0	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
Data File : BM049836.D
Acq On : 07 Apr 2025 12:45
Operator : RC/JU
Sample : Q1675-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

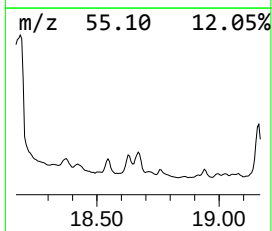
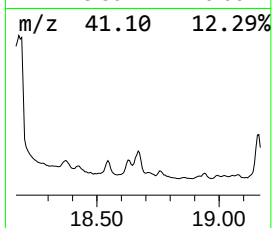
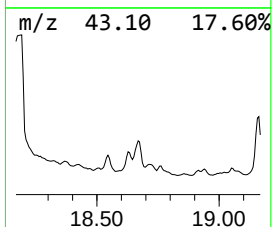
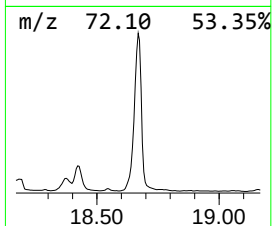
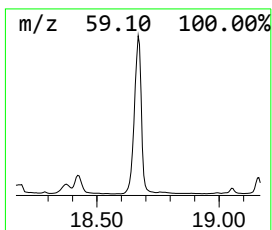
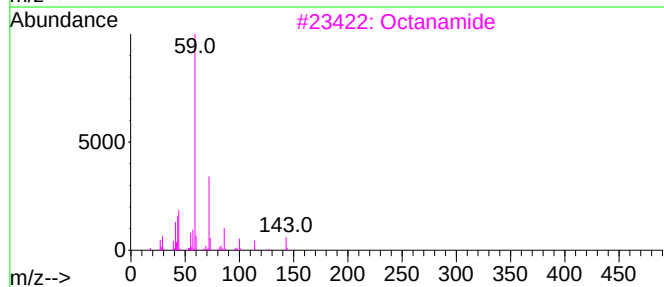
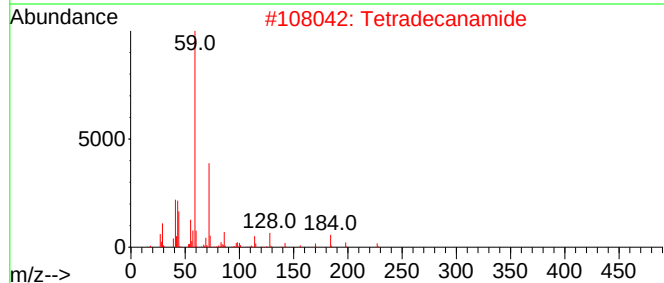
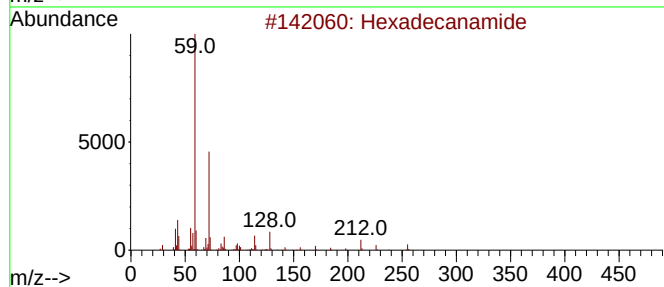
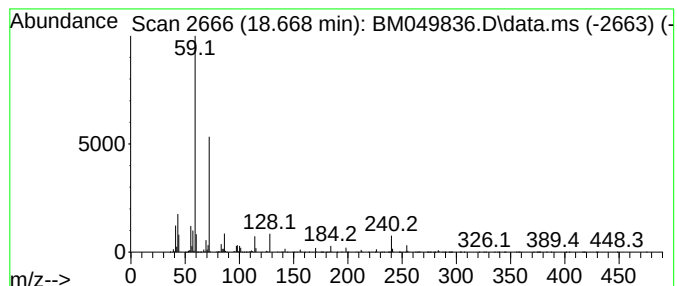
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecanamide Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.668	63.17 ng	8669410	Phenanthrene-d10	17.169	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide	255	C16H33NO	000629-54-9	86
2	Tetradecanamide	227	C14H29NO	000638-58-4	72
3	Octanamide	143	C8H17NO	000629-01-6	56
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	56
5	Undecanamide, 11-bromo-	263	C11H22BrNO	005875-26-3	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
Data File : BM049836.D
Acq On : 07 Apr 2025 12:45
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Sample : Q1675-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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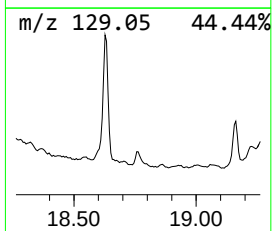
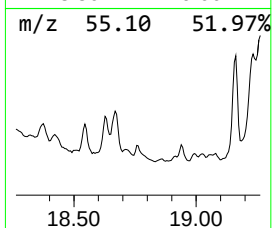
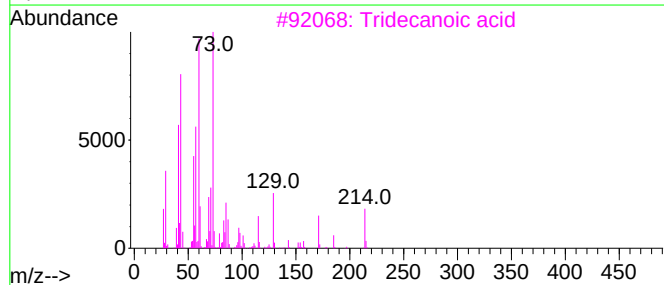
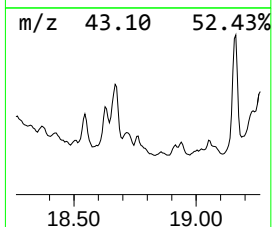
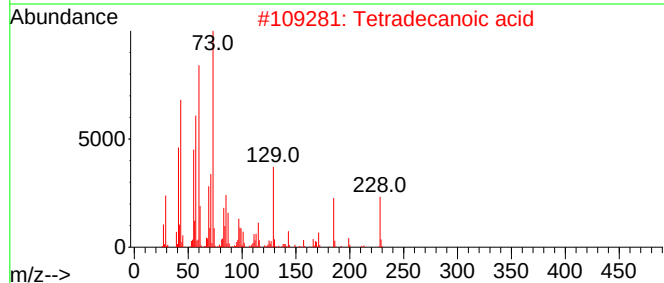
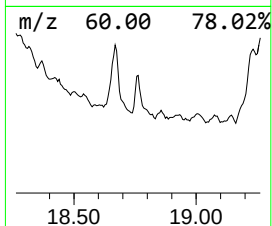
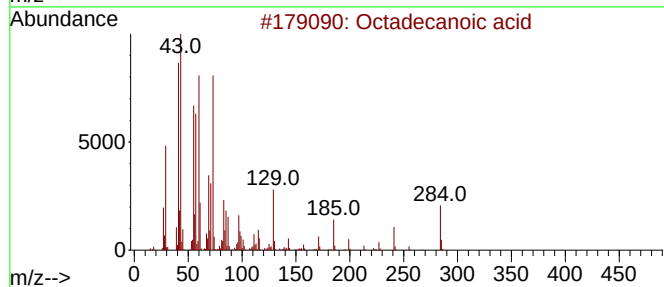
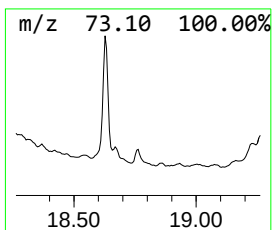
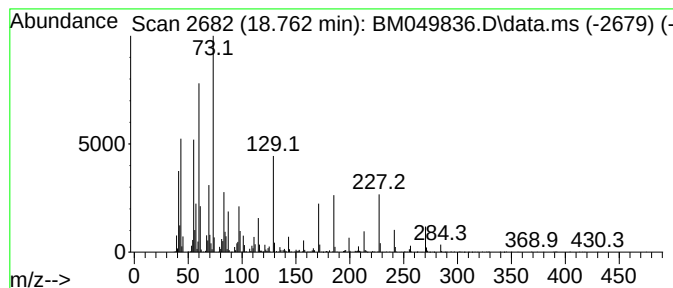
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetradecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.762	22.12 ng	3035490	Phenanthrene-d10	17.169

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	70
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3			Tridecanoic acid	214	C13H26O2	000638-53-9	59
4			n-Decanoic acid	172	C10H20O2	000334-48-5	53
5			Dodecanoic acid	200	C12H24O2	000143-07-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
Data File : BM049836.D
Acq On : 07 Apr 2025 12:45
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Sample : Q1675-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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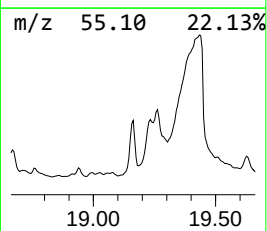
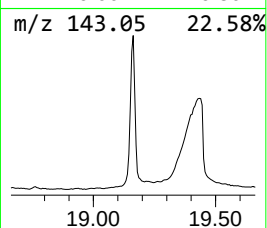
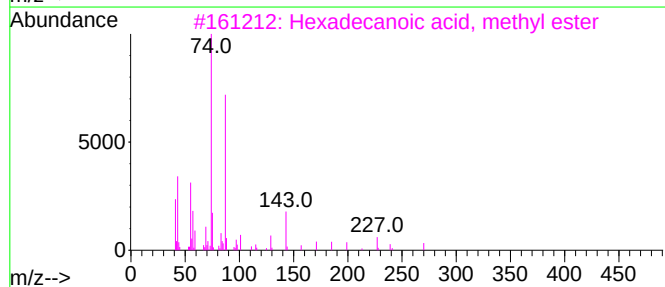
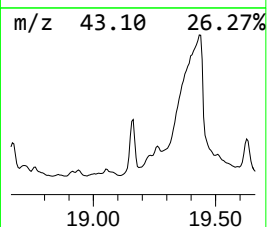
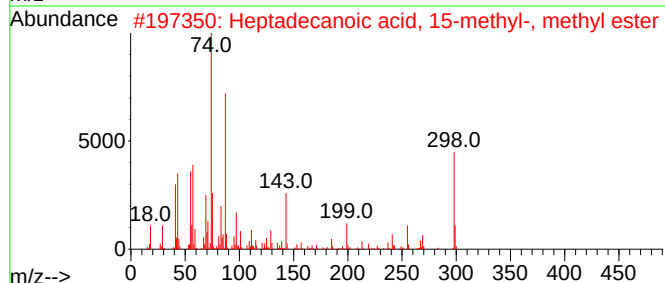
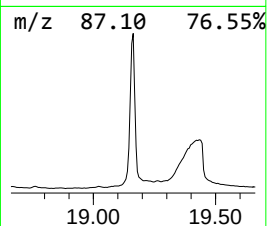
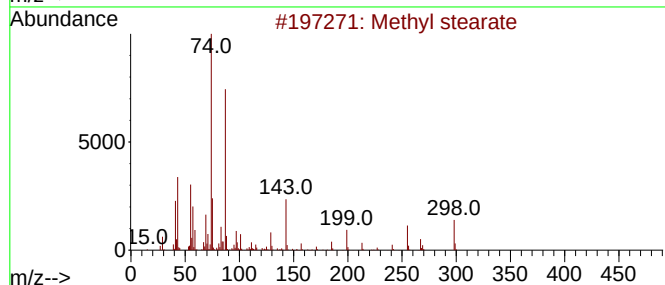
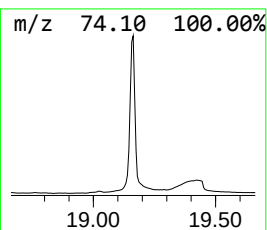
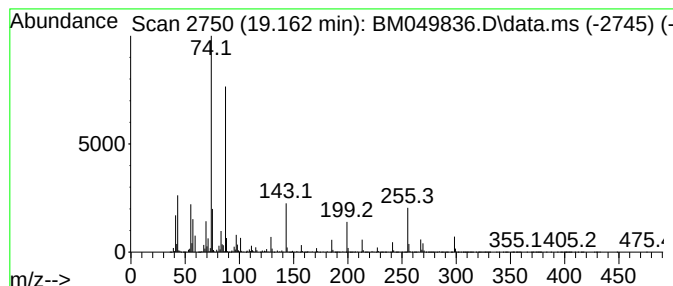
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.163	124.34 ng	17063700	Phenanthrene-d10	17.169

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	98
2			Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90
3			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	90
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	81
5			Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
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Operator : RC/JU
Sample : Q1675-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

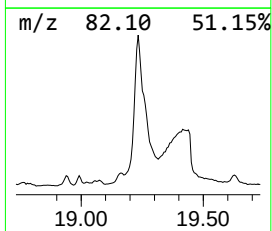
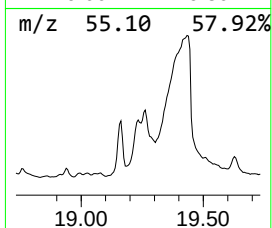
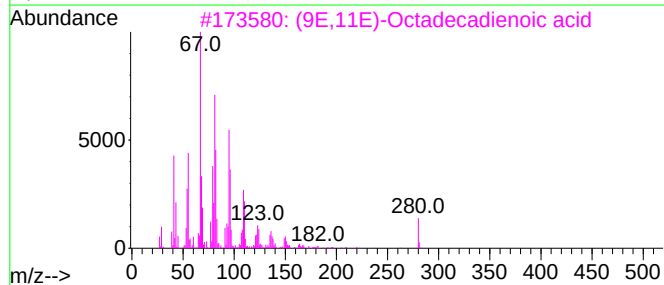
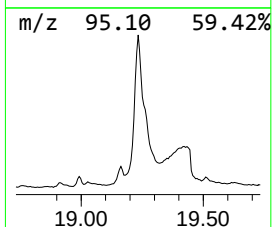
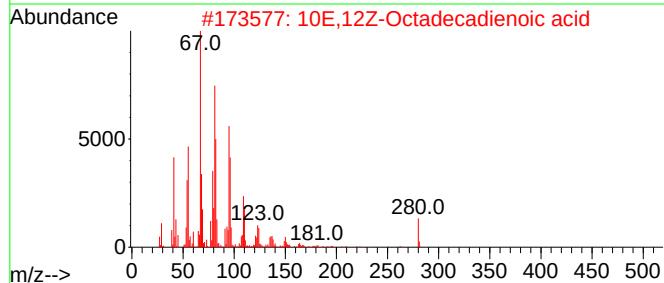
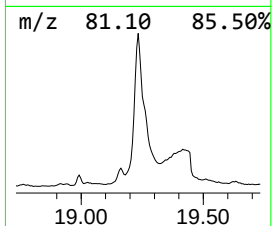
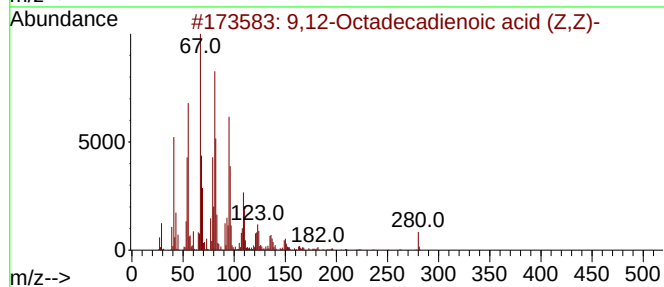
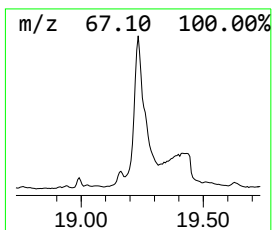
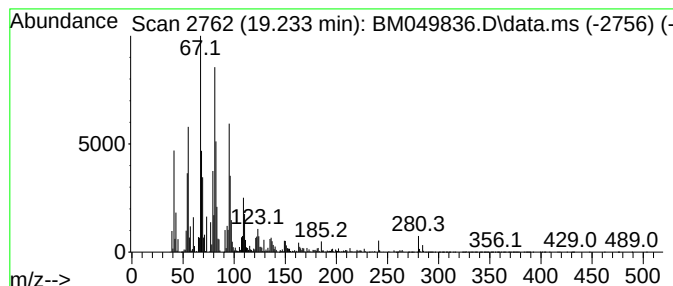
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,12-Octadecadienoic acid (... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.233	126.17 ng	17314300	Phenanthrene-d10		17.169	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-		280	C18H32O2	000060-33-3	99
2	10E,12Z-Octadecadienoic acid		280	C18H32O2	002420-56-6	99
3	(9E,11E)-Octadecadienoic acid		280	C18H32O2	000544-71-8	99
4	Linoleic acid		280	C18H32O2	000506-21-8	99
5	Bicyclo[2.2.2]octane, 2-methyl-		124	C9H16	000766-53-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
Data File : BM049836.D
Acq On : 07 Apr 2025 12:45
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ALS Vial : 5 Sample Multiplier: 1

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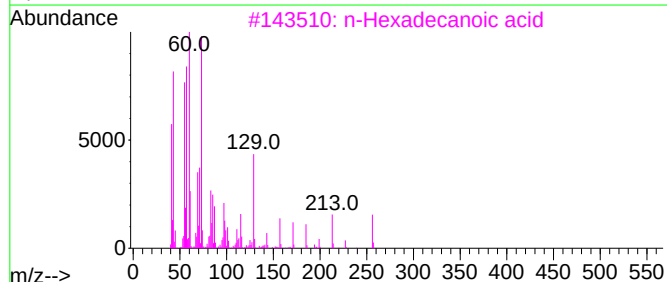
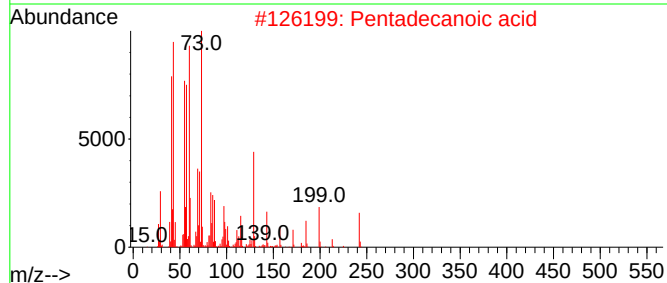
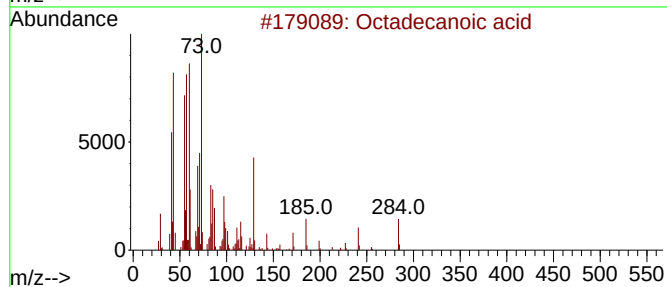
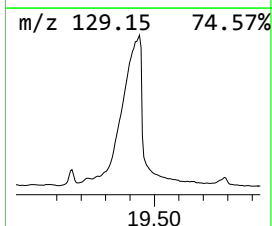
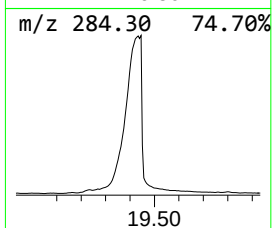
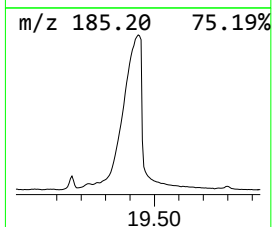
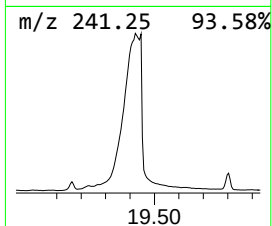
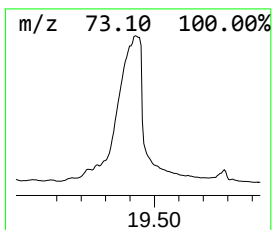
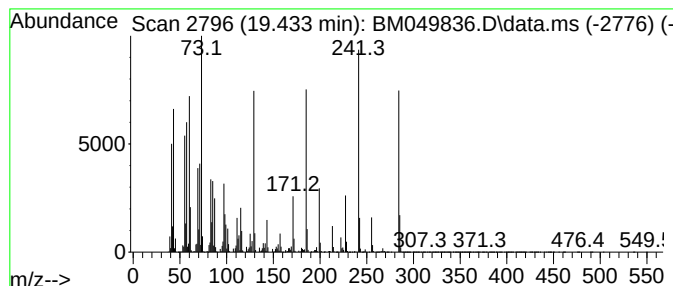
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.433	78.75 ng	170006000	Chrysene-d12	21.409

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	56
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	30
4			2-Decen-1-ol, (E)-, TMS derivative	228	C13H28OSi	1000352-66-2	25
5			1-Ethyl-1-isopentyloxy-1-silacyc...	214	C12H26OSi	232270-69-8	15



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
Data File : BM049836.D
Acq On : 07 Apr 2025 12:45
Operator : RC/JU
Sample : Q1675-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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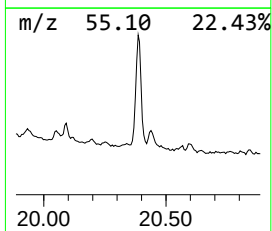
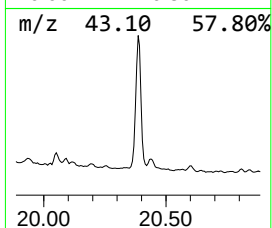
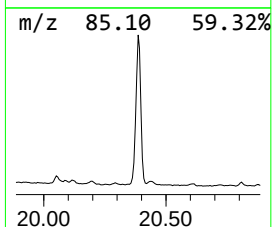
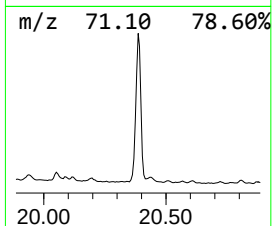
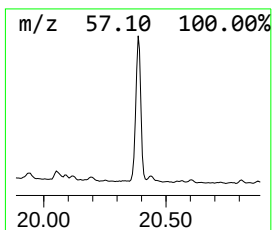
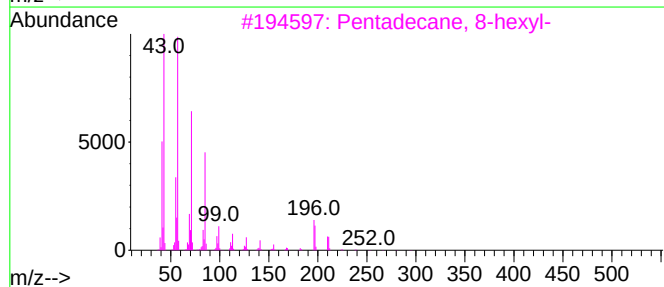
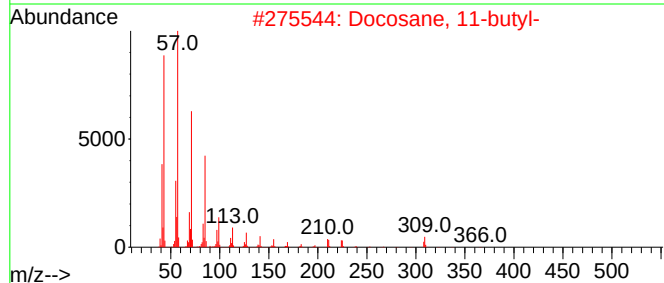
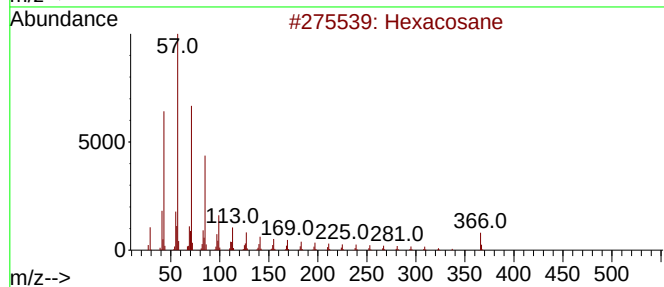
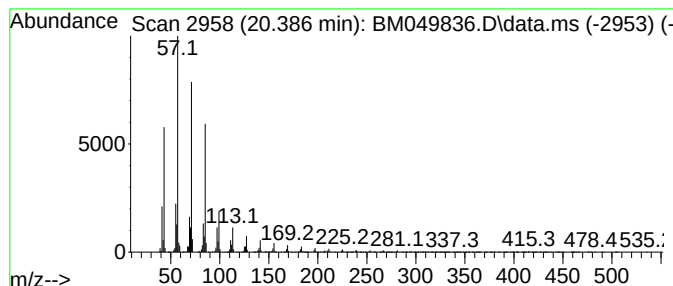
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.386	5.34 ng	11534900	Chrysene-d12	21.409

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	95
2			Docosane, 11-butyl-	366	C26H54	013475-76-8	94
3			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4			Hexadecane	226	C16H34	000544-76-3	93
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
Data File : BM049836.D
Acq On : 07 Apr 2025 12:45
Operator : RC/JU
Sample : Q1675-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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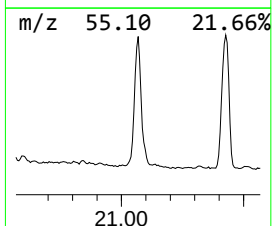
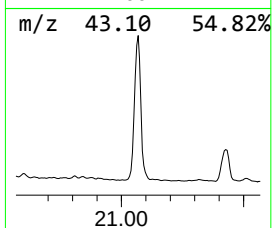
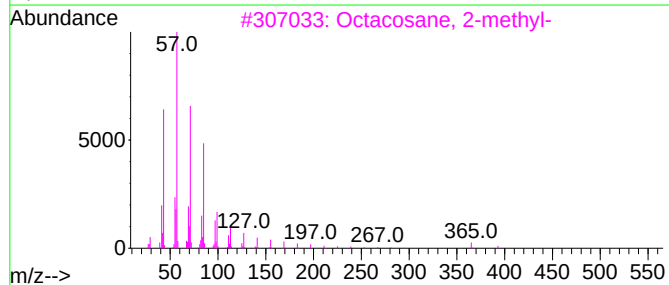
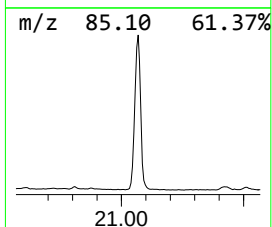
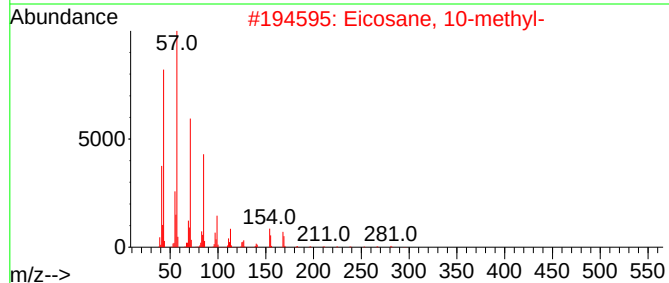
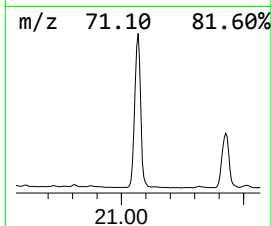
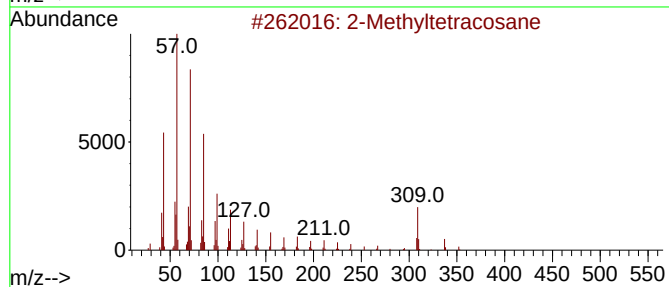
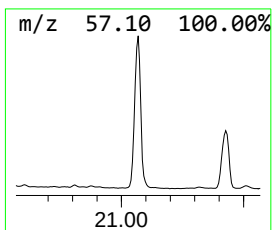
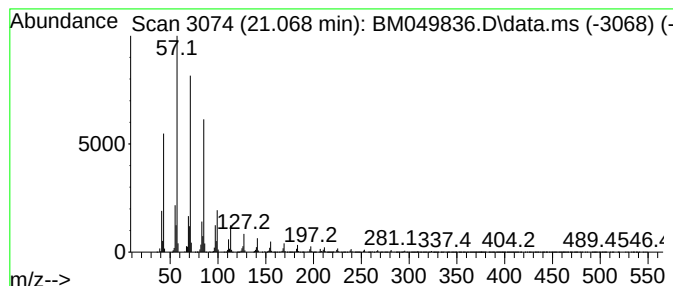
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-Methyltetracosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.068	10.11 ng	21820500	Chrysene-d12	21.409

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Methyltetracosane	352	C25H52	001560-78-7	94
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
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Sample : Q1675-21
Misc :
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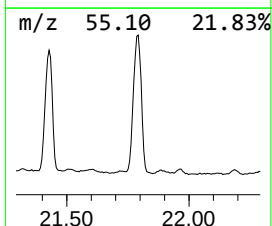
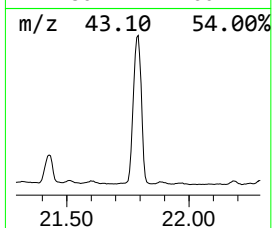
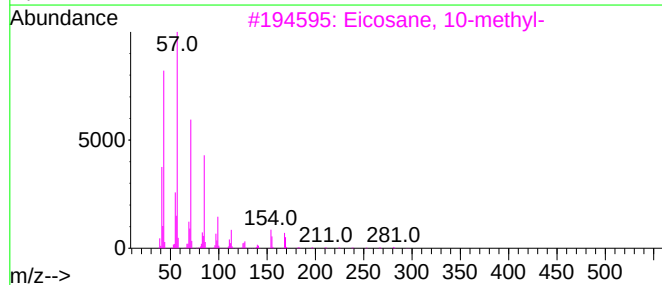
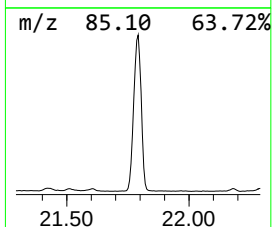
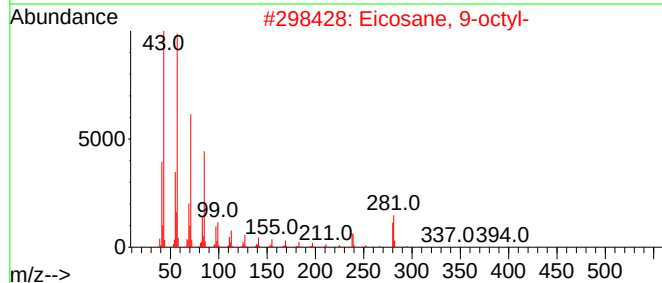
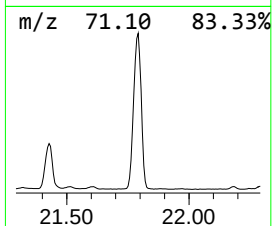
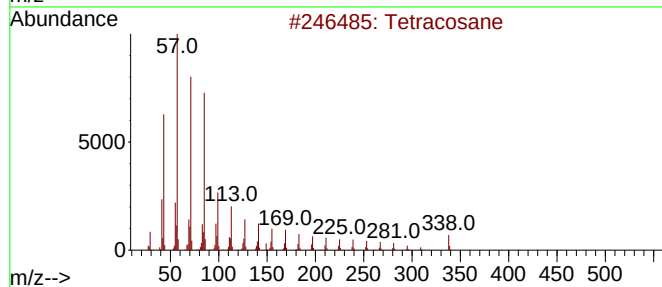
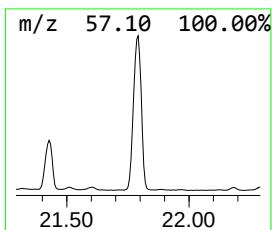
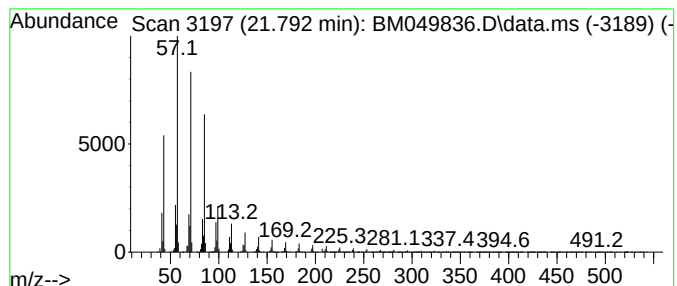
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.792	15.63 ng	33733900	Chrysene-d12	21.409	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
Data File : BM049836.D
Acq On : 07 Apr 2025 12:45
Operator : RC/JU
Sample : Q1675-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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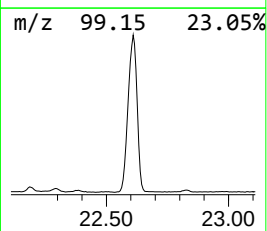
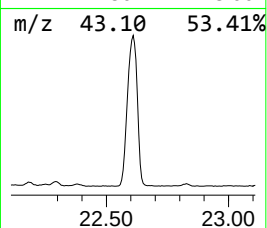
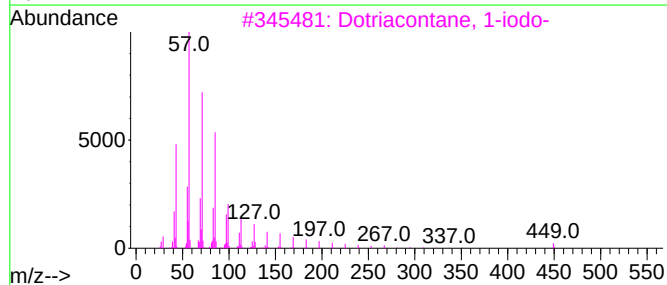
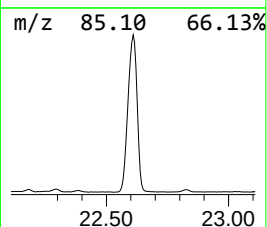
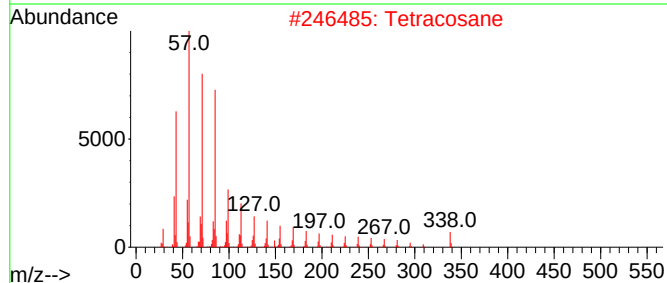
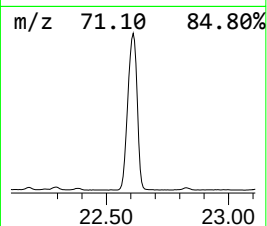
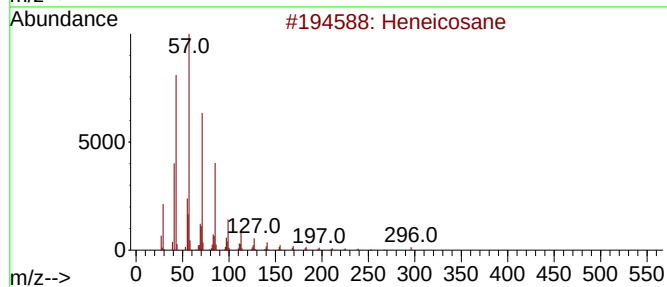
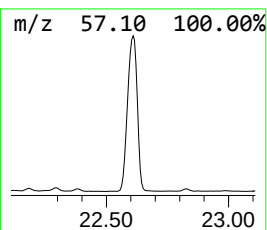
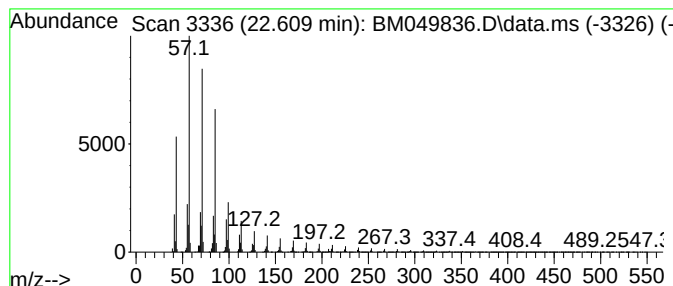
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.609	22.33 ng	48205700	Chrysene-d12	21.409

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	97
2			Tetracosane	338	C24H50	000646-31-1	97
3			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	95
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
5			Octadecane	254	C18H38	000593-45-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
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Acq On : 07 Apr 2025 12:45
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Sample : Q1675-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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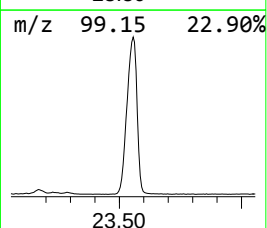
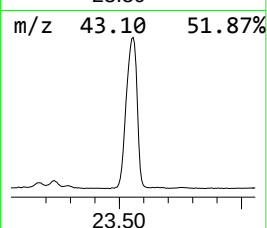
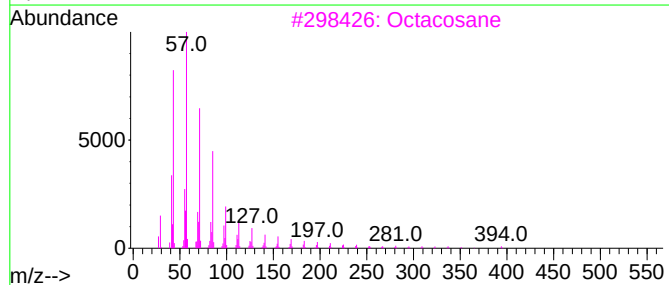
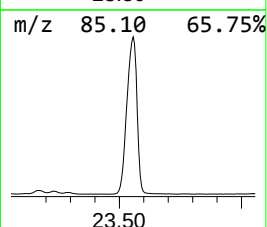
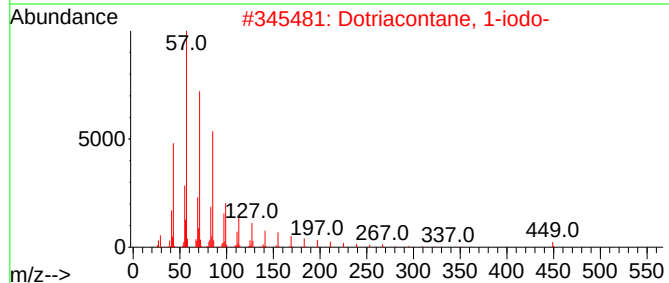
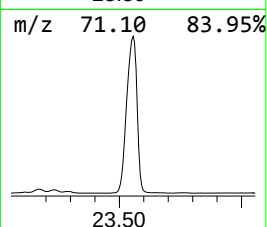
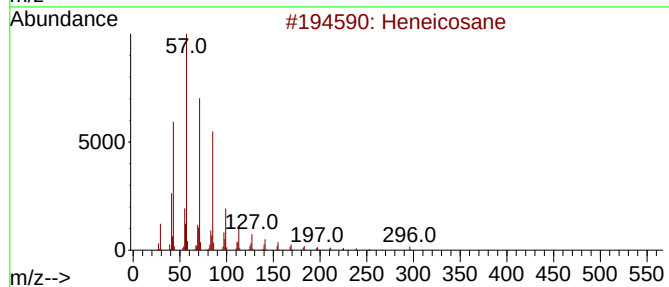
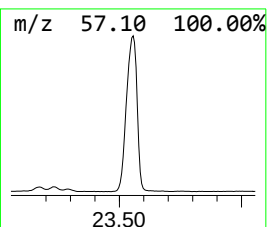
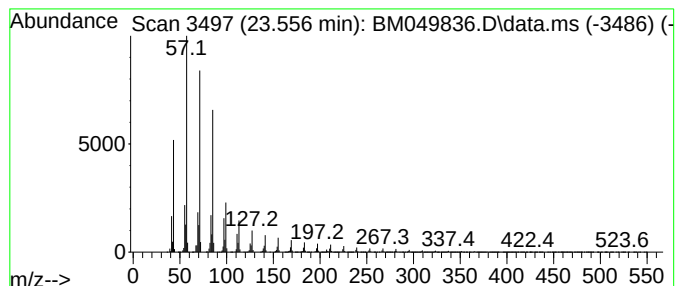
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dotriacontane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.556	196.72 ng	51864400	Perylene-d12	24.415

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	97
2			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	95
3			Octacosane	394	C28H58	000630-02-4	95
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
5			Tetracosane	338	C24H50	000646-31-1	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
Data File : BM049836.D
Acq On : 07 Apr 2025 12:45
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Sample : Q1675-21
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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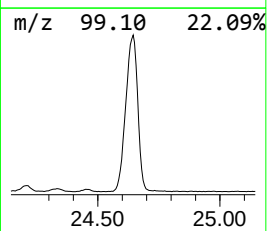
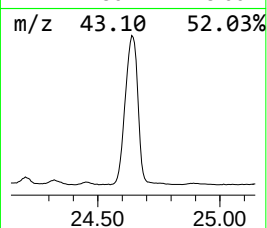
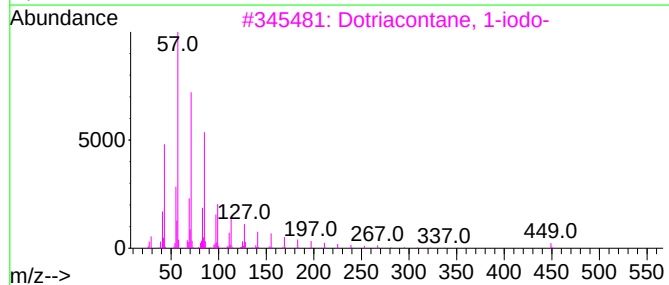
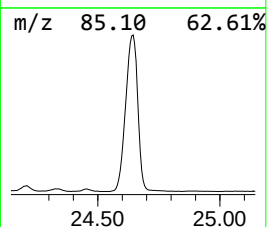
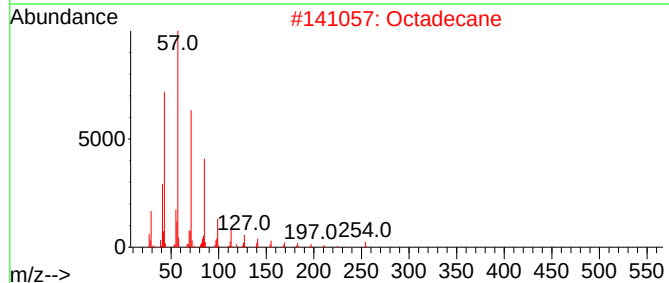
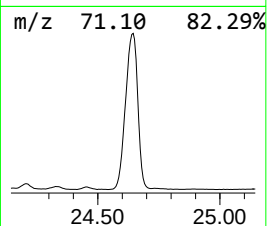
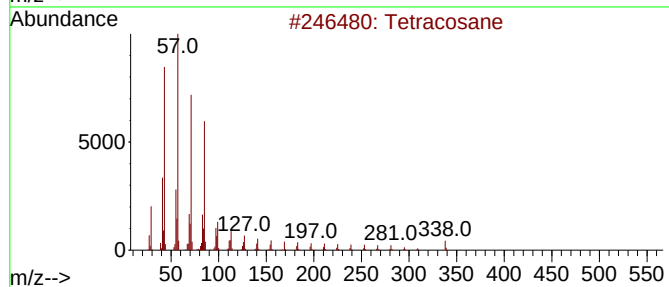
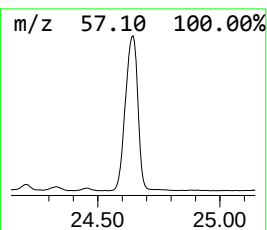
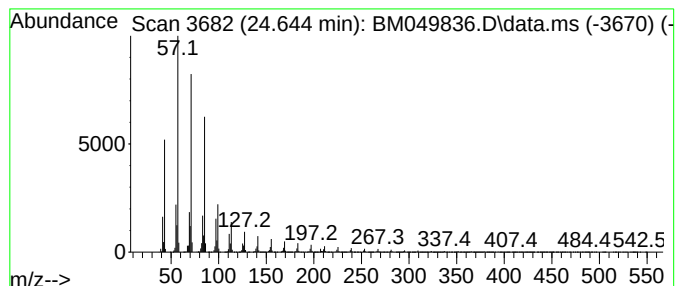
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.645	177.90 ng	46901900	Perylene-d12	24.415

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	97
2			Octadecane	254	C18H38	000593-45-3	95
3			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	95
4			Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
5			Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
Data File : BM049836.D
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Sample : Q1675-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

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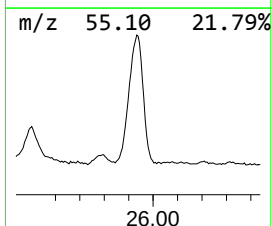
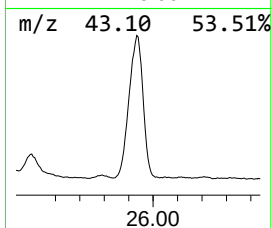
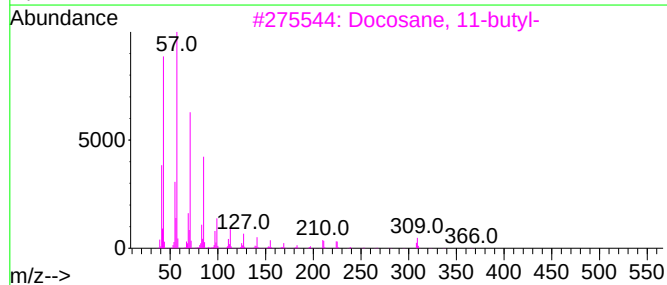
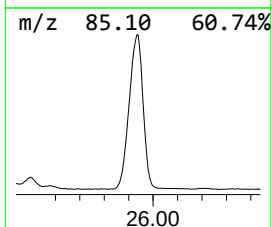
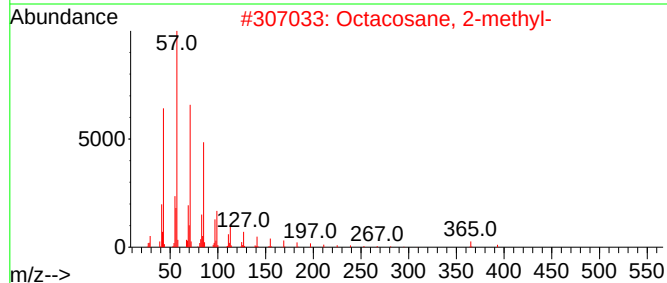
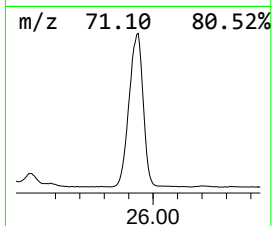
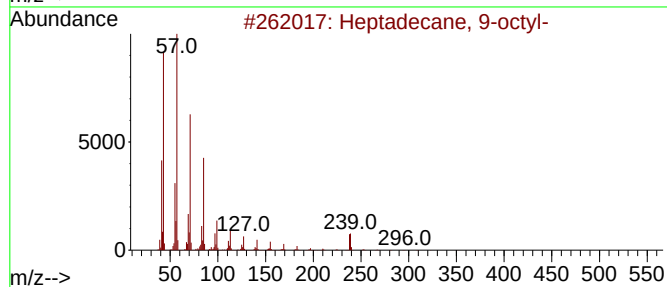
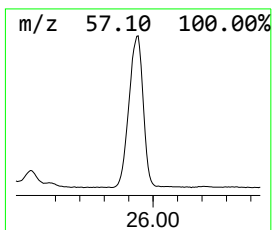
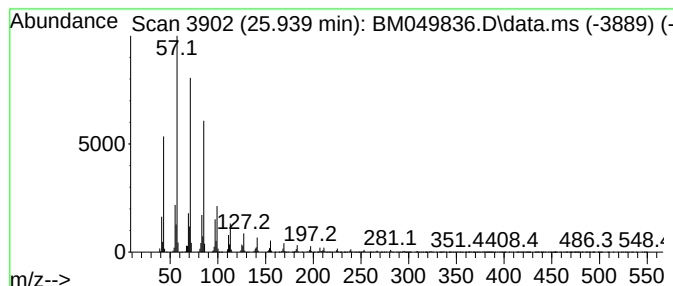
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.939	109.64 ng	28907000	Perylene-d12	24.415

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3			Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
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Operator : RC/JU
Sample : Q1675-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
K3

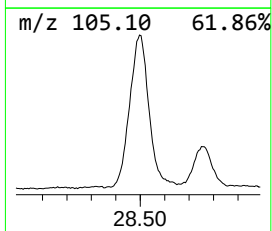
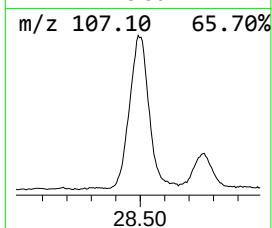
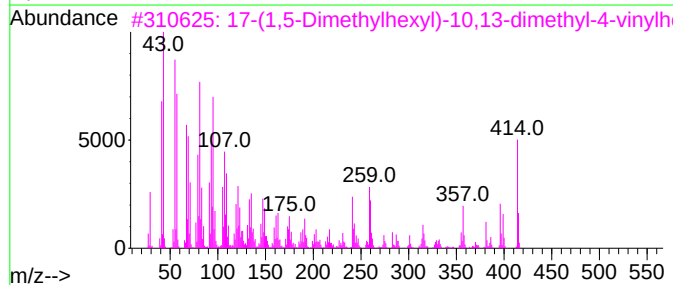
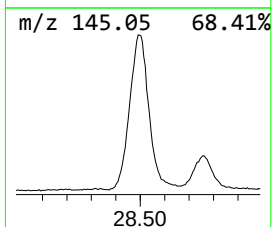
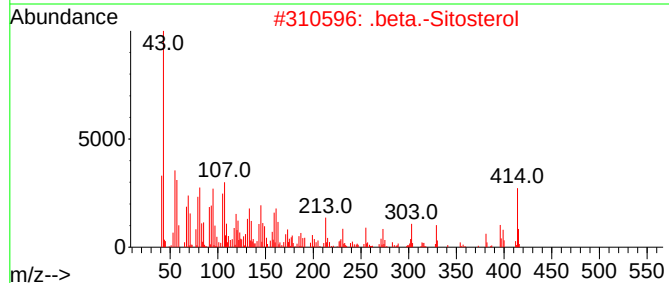
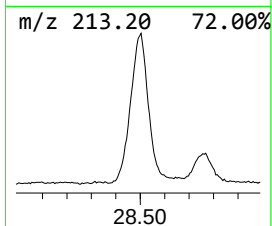
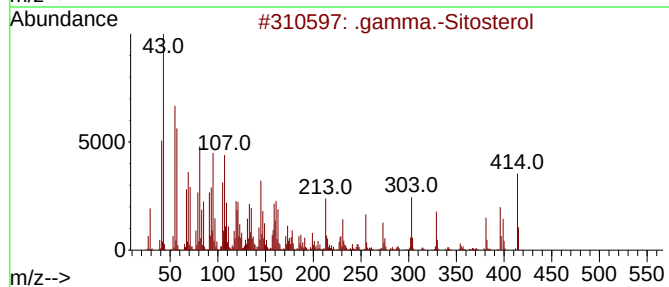
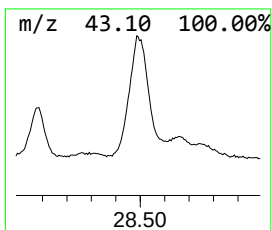
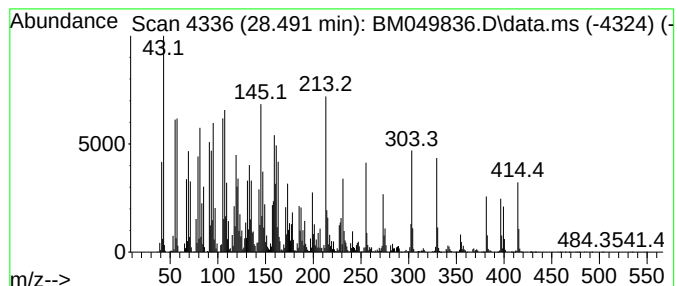
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 .gamma.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.491	114.83 ng	30273600	Perylene-d12	24.415

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	86
3		17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	15
4		5.alpha.-Stigmast-9(11)-en-3.bet...	414	C29H50O	077794-81-1	10
5		Butylphosphonic acid, 2-chloroph...	290	C13H20ClO3P	1000315-13-2	10



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
Data File : BM049836.D
Acq On : 07 Apr 2025 12:45
Operator : RC/JU
Sample : Q1675-21
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
K3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.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
Dodecanoic acid	14.892	36.6	ng	7375910	3	14.428	4034700	20.0
Octadecanoic acid	15.457	1027.6	ng	207292000	3	14.428	4034700	20.0
Oxirane, tetrad...	17.104	22.1	ng	3038520	4	17.169	2744610	20.0
Hexadecanoic ac...	17.851	64.4	ng	8841470	4	17.169	2744610	20.0
n-Hexadecanoic ...	18.192	1644.1	ng	225623000	4	17.169	2744610	20.0
Tetracosanal	18.545	24.2	ng	3323530	4	17.169	2744610	20.0
Palmitic Acid, ...	18.627	93.6	ng	12845900	4	17.169	2744610	20.0
Hexadecanamide	18.668	63.2	ng	8669410	4	17.169	2744610	20.0
Tetradecanoic acid	18.762	22.1	ng	3035490	4	17.169	2744610	20.0
Methyl stearate	19.163	124.3	ng	17063700	4	17.169	2744610	20.0
9,12-Octadecadi...	19.233	126.2	ng	17314300	4	17.169	2744610	20.0
Pentadecanoic acid	19.433	78.8	ng	170006000	5	21.409	43176700	20.0
Hexacosane	20.386	5.3	ng	11534900	5	21.409	43176700	20.0
2-Methyltetra...	21.068	10.1	ng	21820500	5	21.409	43176700	20.0
Tetracosane	21.792	15.6	ng	33733900	5	21.409	43176700	20.0
Heneicosane	22.609	22.3	ng	48205700	5	21.409	43176700	20.0
Dotriacontane, ...	23.556	196.7	ng	51864400	6	24.415	5272930	20.0
Octadecane	24.645	177.9	ng	46901900	6	24.415	5272930	20.0
Heptadecane, 9-...	25.939	109.6	ng	28907000	6	24.415	5272930	20.0
.gamma.-Sitosterol	28.491	114.8	ng	30273600	6	24.415	5272930	20.0