

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
 Data File : BM034050.D
 Acq On : 23 Feb 2022 13:34
 Operator : CG/JU
 Sample : N1627-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20220096-BERKELEY-8-ELUTRIATE

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-BM022222.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034050.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.566	389	396	405	rBV	1539486	2210812	1.24%	0.445%
2	7.166	661	668	683	rVB	1072338	1815617	1.01%	0.365%
3	9.178	1003	1010	1017	rBV	1694876	2769531	1.55%	0.557%
4	13.283	1702	1708	1716	rBV	4748240	6758427	3.78%	1.359%
5	14.654	1935	1941	1947	rBV	1514554	2196400	1.23%	0.442%
6	16.136	2187	2193	2199	rVB	3382761	4840107	2.71%	0.974%
7	17.395	2402	2407	2412	rVB	1705877	2447966	1.37%	0.492%
8	17.683	2451	2456	2463	rBV	4389594	5339922	2.98%	1.074%
9	18.377	2548	2574	2604	rVB	41404209	178898762	100.00%	35.984%
10	18.765	2636	2640	2651	rVB	2087879	2983642	1.67%	0.600%
11	19.377	2740	2744	2748	rBV	2348919	3116494	1.74%	0.627%
12	19.436	2749	2754	2756	rVV	4504381	6633807	3.71%	1.334%
13	19.465	2756	2759	2766	rVV	3981836	8119863	4.54%	1.633%
14	19.630	2767	2787	2801	rVB	45349416	156050031	87.23%	31.388%
15	19.806	2810	2817	2837	rVB	4123426	11639276	6.51%	2.341%
16	20.012	2847	2852	2857	rBV	6854658	8454651	4.73%	1.701%
17	20.818	2981	2989	3003	rVB	6401312	16079727	8.99%	3.234%
18	21.565	3112	3116	3120	rBV	2215060	2693411	1.51%	0.542%
19	21.636	3120	3128	3137	rVB	10204680	19300534	10.79%	3.882%
20	22.477	3262	3271	3279	rBV	8760751	18974393	10.61%	3.817%
21	23.430	3425	3433	3443	rVB	4953502	12991590	7.26%	2.613%
22	24.024	3529	3534	3543	rVB2	1457098	2933187	1.64%	0.590%
23	24.541	3613	3622	3633	rVB	2284854	7617589	4.26%	1.532%
24	25.400	3759	3768	3788	rVB2	1899065	6998615	3.91%	1.408%
25	25.835	3834	3842	3856	rVB	1621995	5294439	2.96%	1.065%

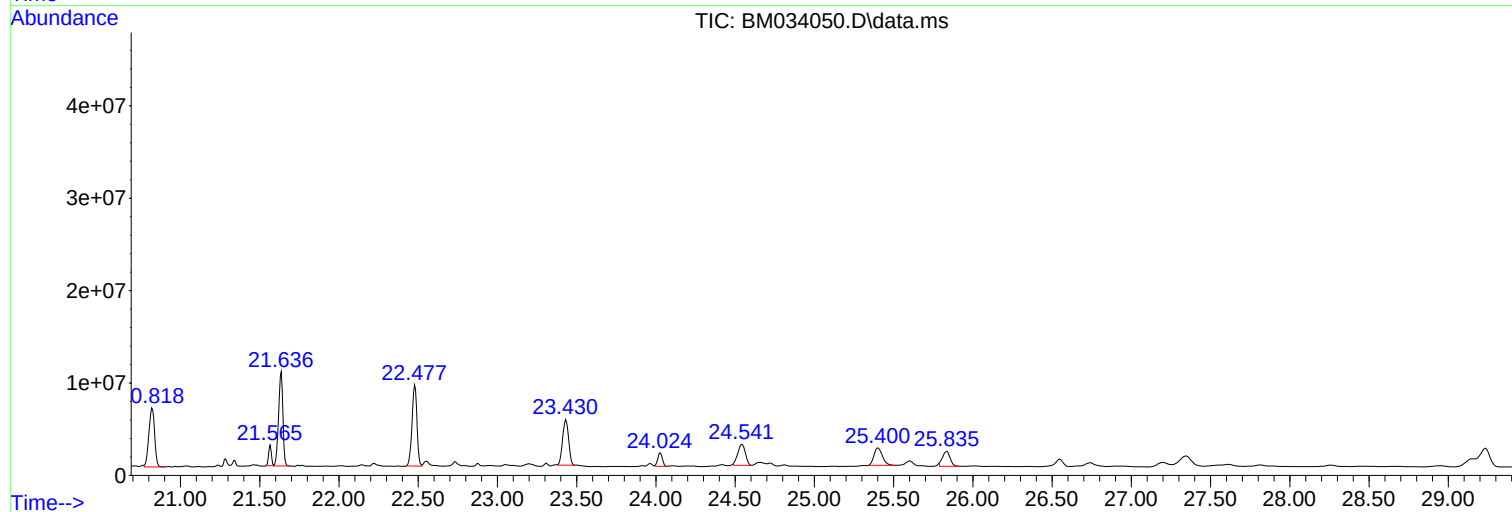
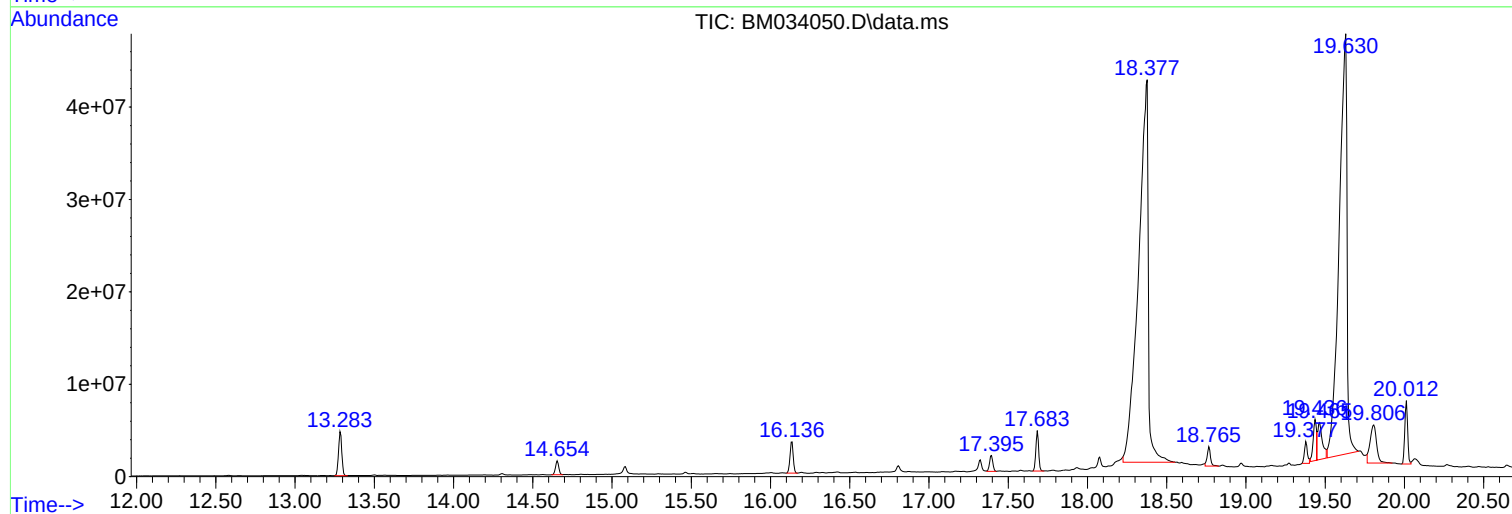
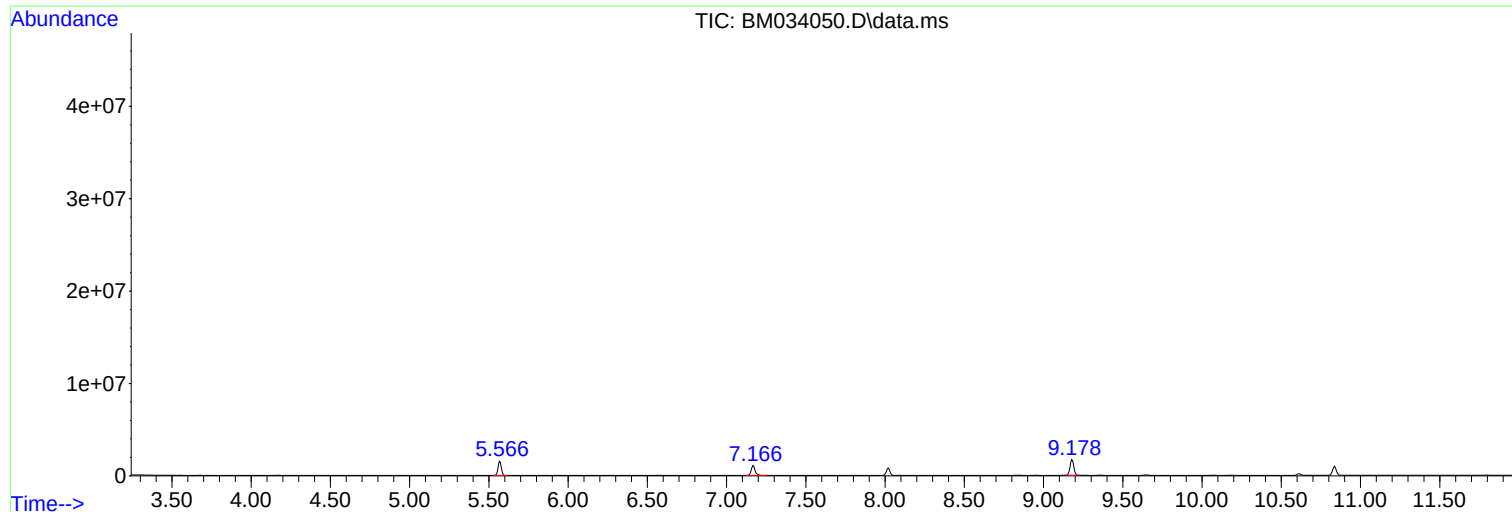
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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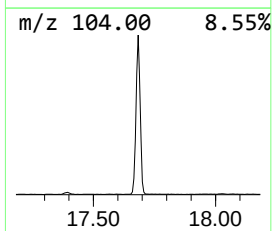
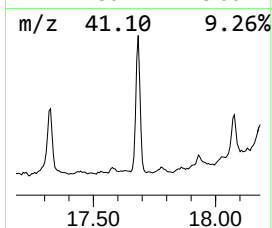
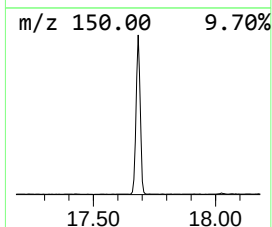
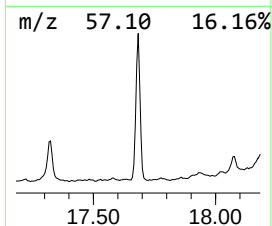
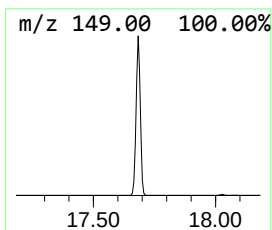
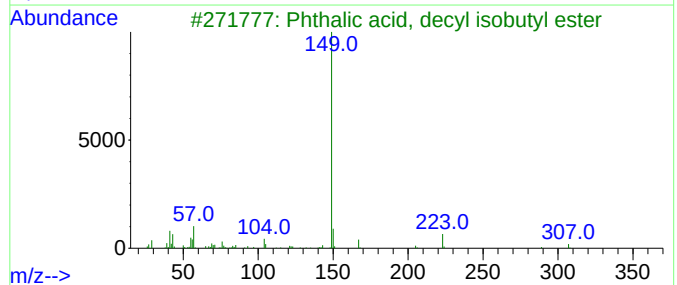
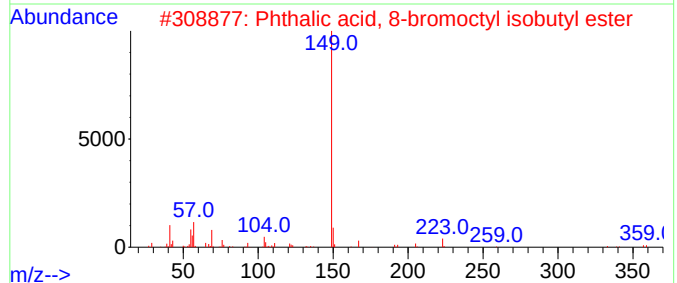
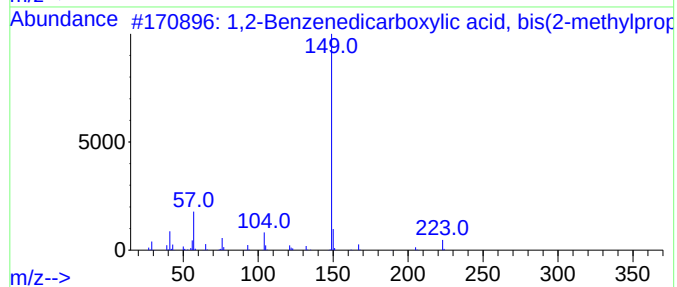
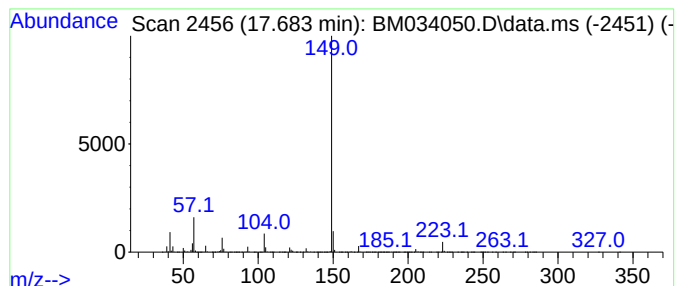
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1,2-Benzenedicarboxylic aci... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.683	43.63 ng	5339920	Phenanthrene-d10	17.395

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	91
2			Phthalic acid, 8-bromooctyl isobu...	412	C20H29BrO4	1000382-55-3	83
3			Phthalic acid, decyl isobutyl ester	362	C22H34O4	1000308-94-2	83
4			Phthalic acid, 2,4-dimethylpent-...	320	C19H28O4	1000356-84-3	83
5			Phthalic acid, isobutyl 2-propyl...	334	C20H30O4	1000377-91-9	78



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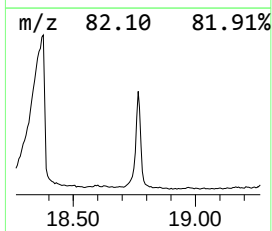
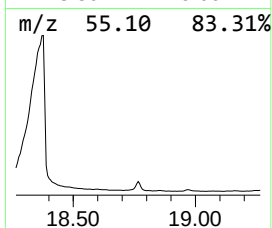
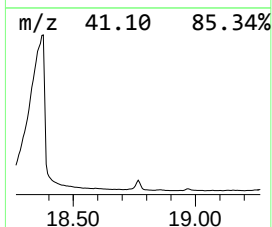
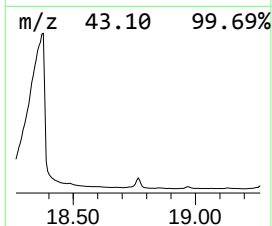
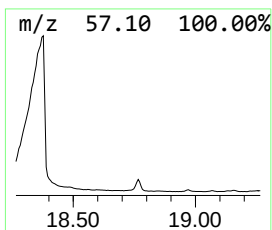
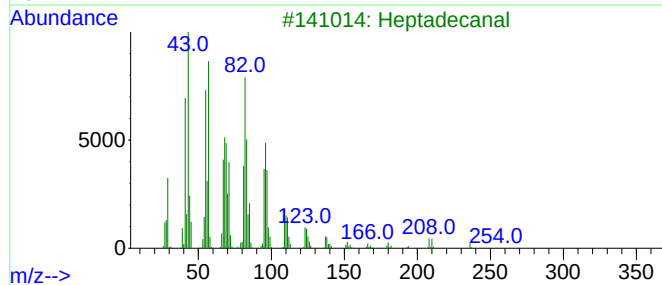
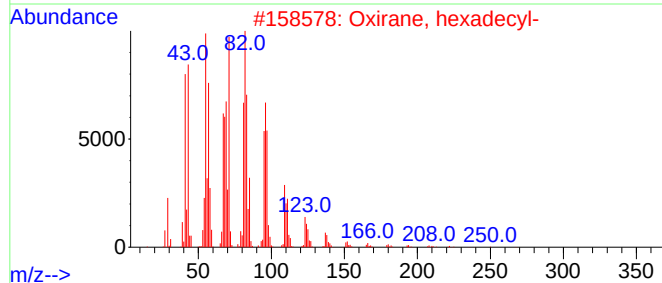
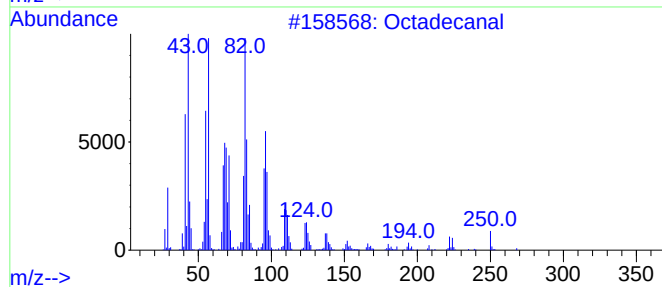
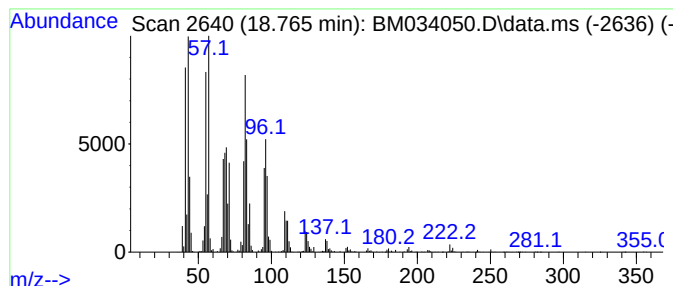
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Octadecanal Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.765	24.38 ng	2983640	Phenanthrene-d10	17.395

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanal	268	C18H36O	000638-66-4	96
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
3			Heptadecanal	254	C17H34O	1000376-70-0	94
4			Pentadecanal-	226	C15H30O	002765-11-9	94
5			13-Methyltetradecanal	226	C15H30O	075853-51-9	93



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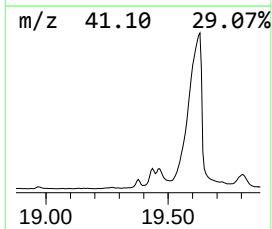
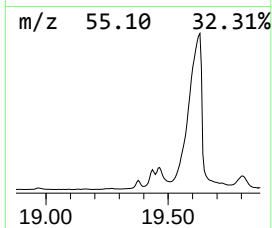
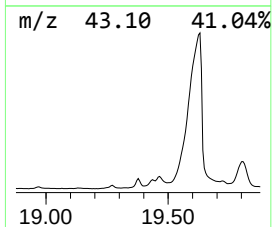
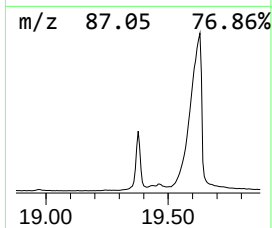
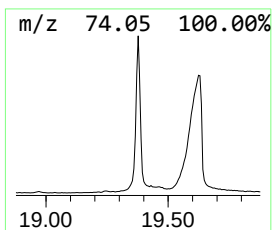
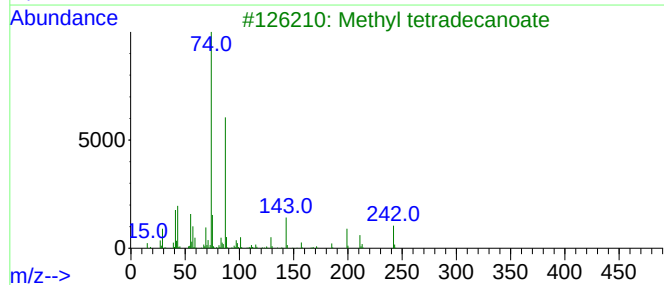
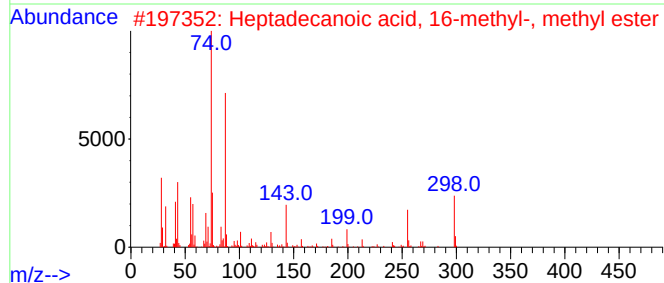
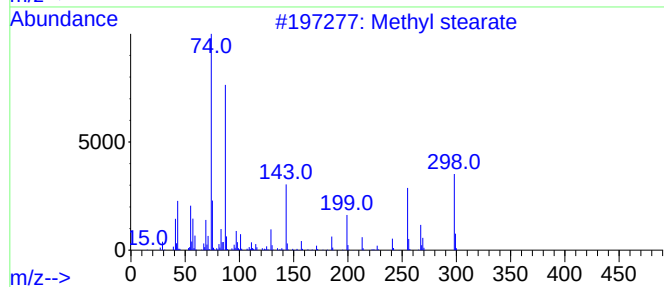
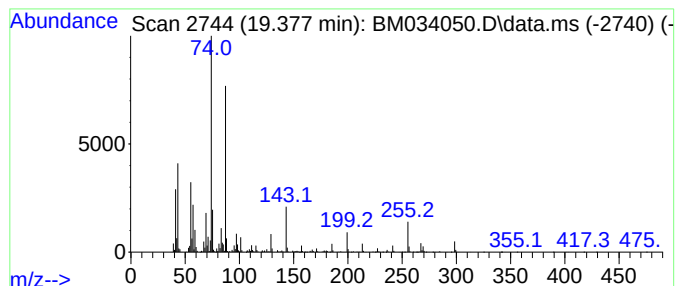
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Peak Number 3 Methyl stearate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.377	25.46 ng	3116490	Phenanthrene-d10	17.395

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	98
2			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	92
3			Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4			Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	83



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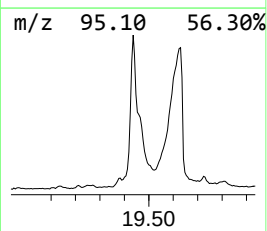
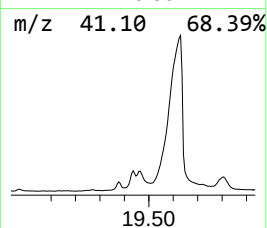
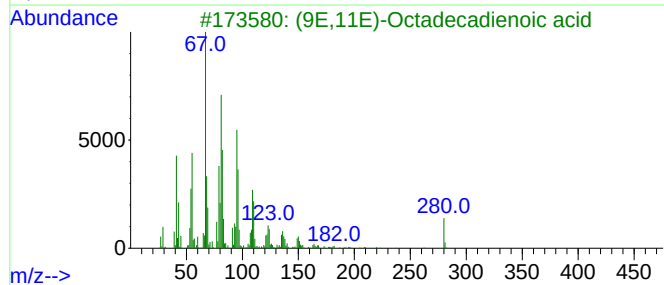
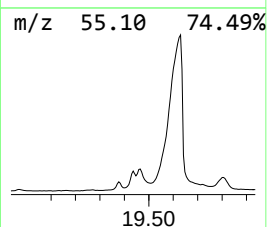
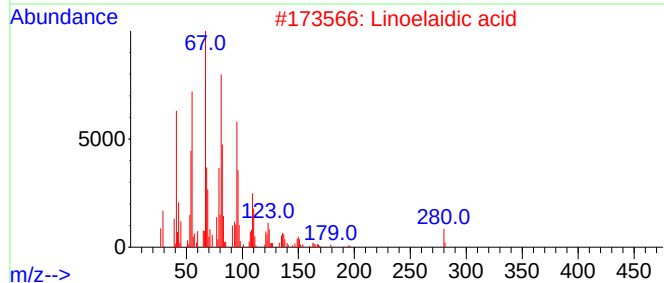
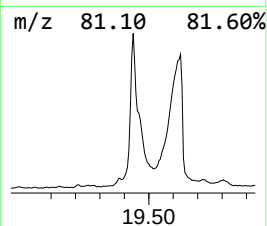
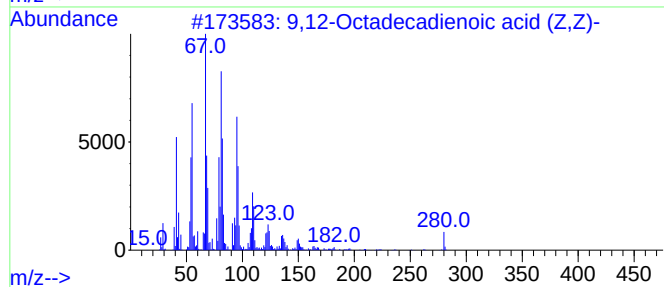
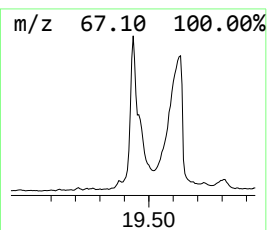
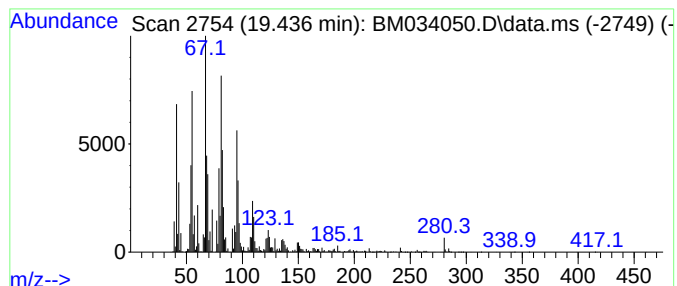
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Peak Number 4 9,12-Octadecadienoic acid (... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD			R.T.
19.436	54.20 ng	6633810	Phenanthrene-d10			17.395
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-		280	C18H32O2	000060-33-3	99
2	Linoelaidic acid		280	C18H32O2	000506-21-8	99
3	(9E,11E)-Octadecadienoic acid		280	C18H32O2	000544-71-8	99
4	10E,12Z-Octadecadienoic acid		280	C18H32O2	002420-56-6	99
5	2-Chloroethyl linoleate		342	C20H35ClO2	025525-76-2	87



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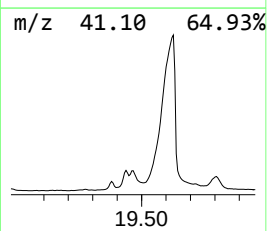
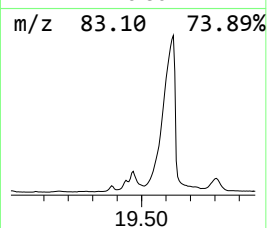
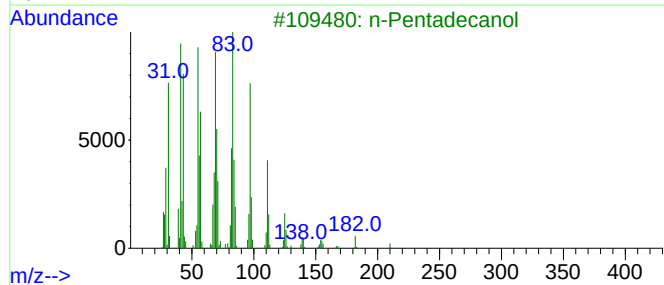
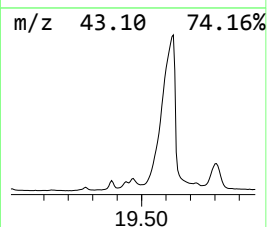
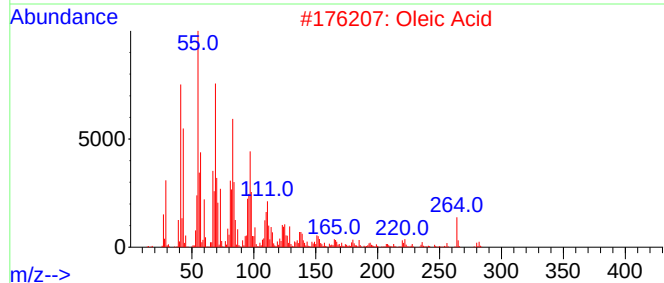
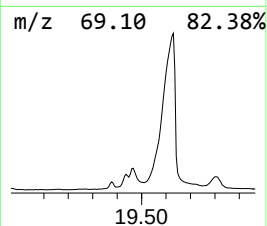
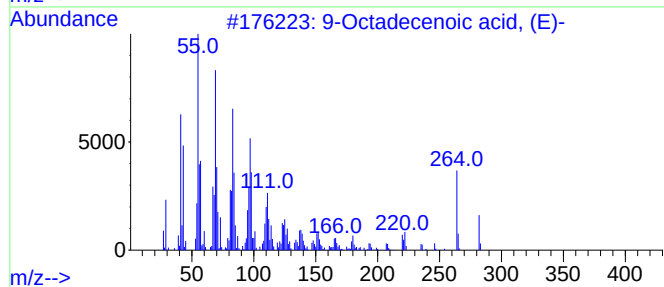
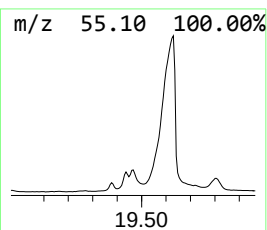
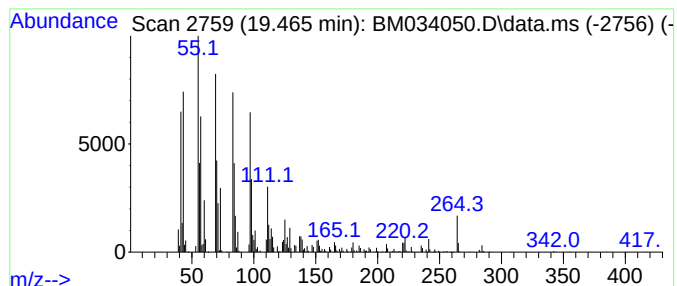
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Peak Number 5 9-Octadecenoic acid, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.465	66.34 ng	8119860	Phenanthrene-d10	17.395	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
2	Oleic Acid	282	C18H34O2	000112-80-1	87
3	n-Pentadecanol	228	C15H32O	000629-76-5	83
4	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	81
5	Cyclopentadecane	210	C15H30	000295-48-7	72



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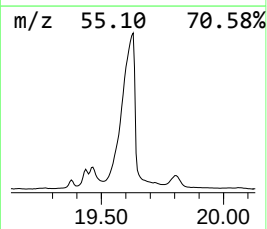
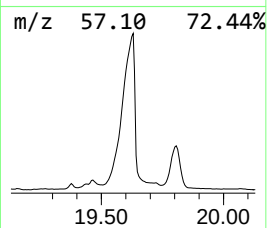
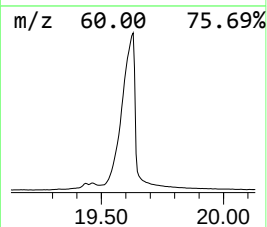
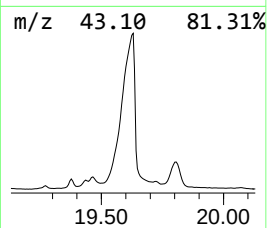
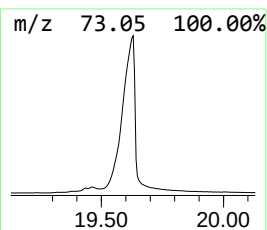
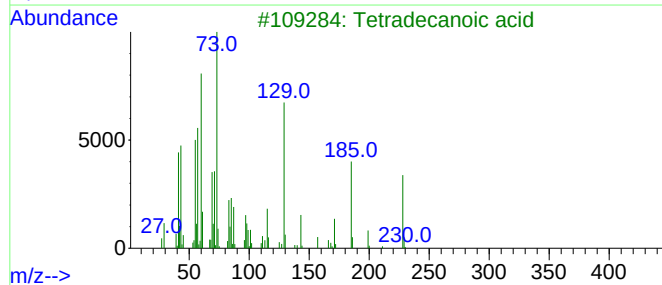
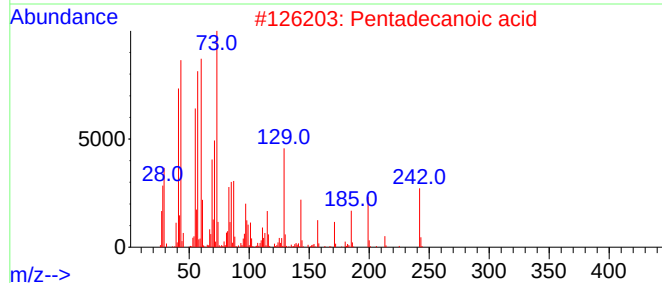
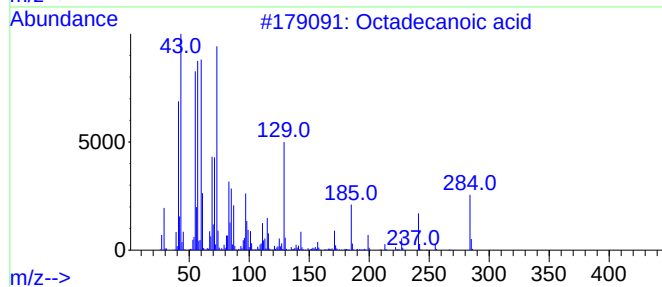
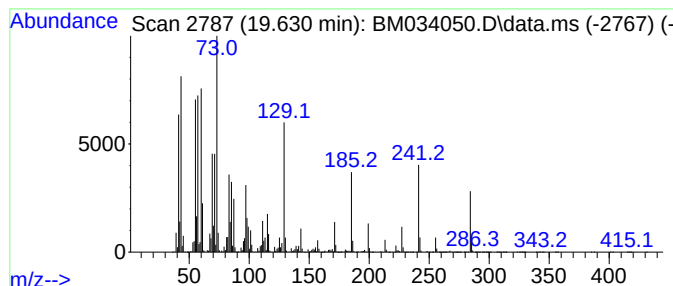
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.630	1158.75 ng	156050000	Chrysene-d12	21.565

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	86
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4			Tridecanoic acid	214	C13H26O2	000638-53-9	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
Data File : BM034050.D
Acq On : 23 Feb 2022 13:34
Operator : CG/JU
Sample : N1627-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20220096-BERKELEY-8-ELUTRIATE

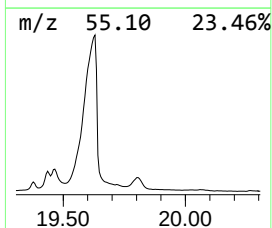
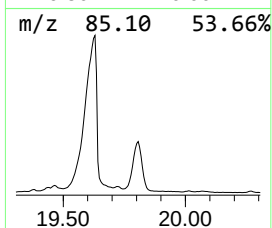
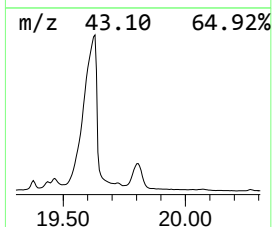
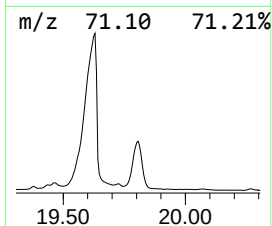
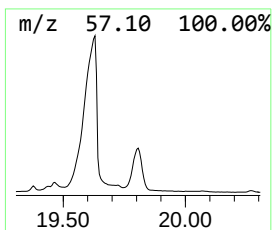
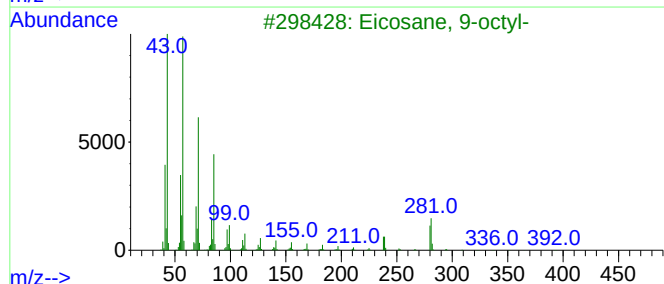
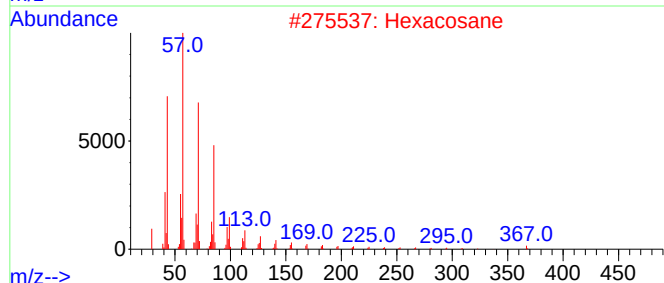
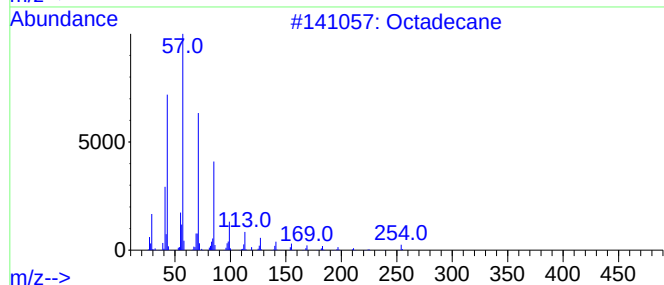
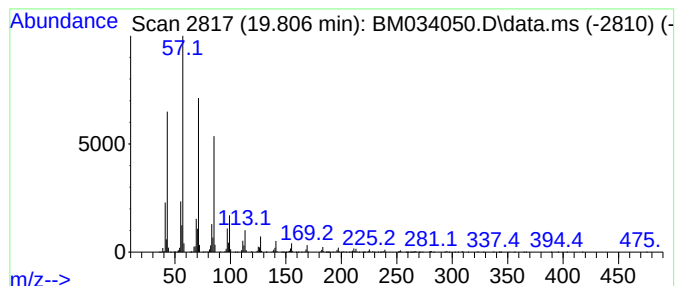
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.806	86.43 ng	11639300	Chrysene-d12	21.565

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	95
2			Hexacosane	366	C26H54	000630-01-3	94
3			Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
4			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5			Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
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Operator : CG/JU
Sample : N1627-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

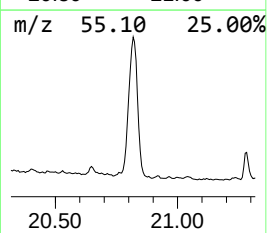
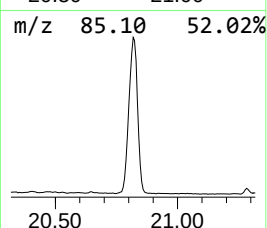
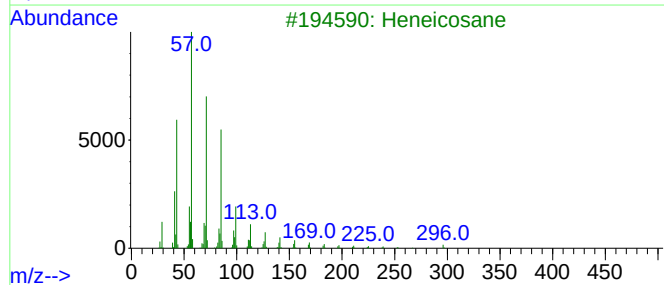
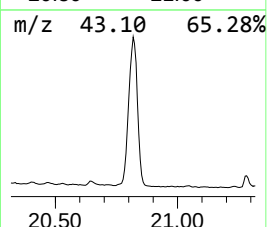
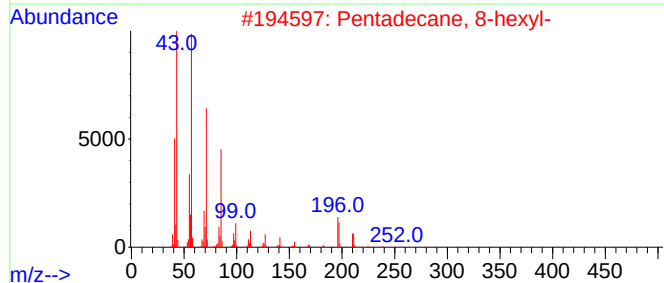
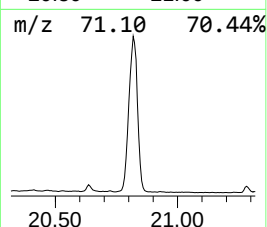
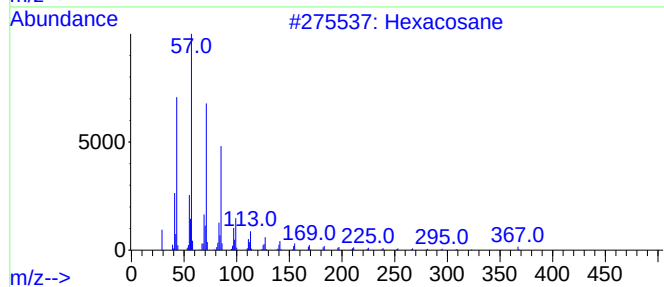
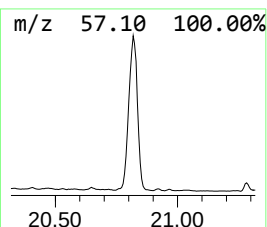
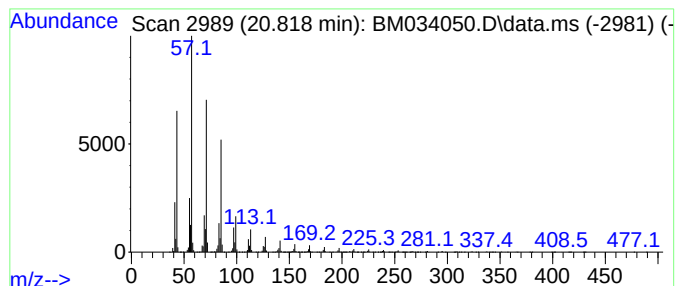
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane, 8-hexyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.818	119.40 ng	16079700	Chrysene-d12		21.565	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	94
2	Pentadecane, 8-hexyl-		296	C21H44	013475-75-7	94
3	Heneicosane		296	C21H44	000629-94-7	91
4	Heptacosane		380	C27H56	000593-49-7	91
5	Heneicosane, 11-(1-ethylpropyl)-		366	C26H54	055282-11-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
Data File : BM034050.D
Acq On : 23 Feb 2022 13:34
Operator : CG/JU
Sample : N1627-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20220096-BERKELEY-8-ELUTRIATE

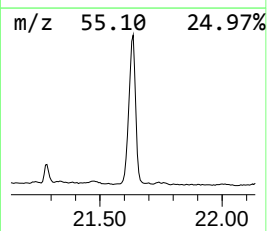
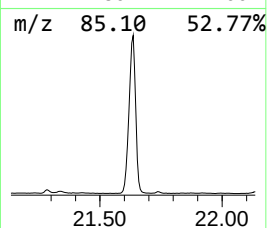
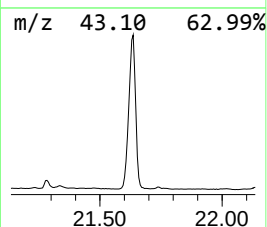
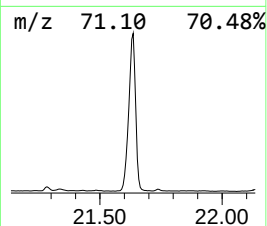
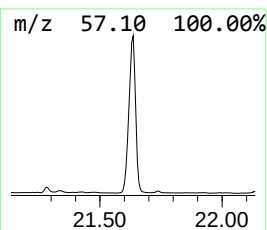
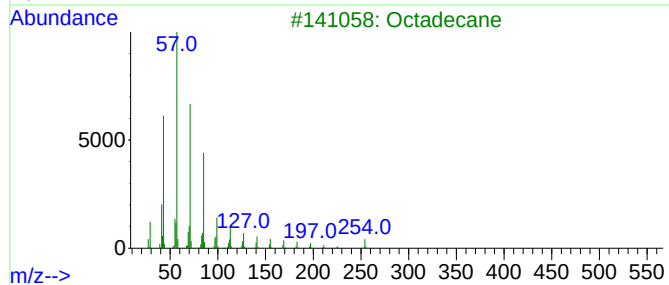
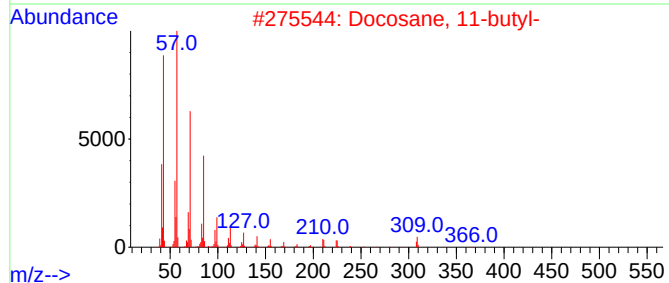
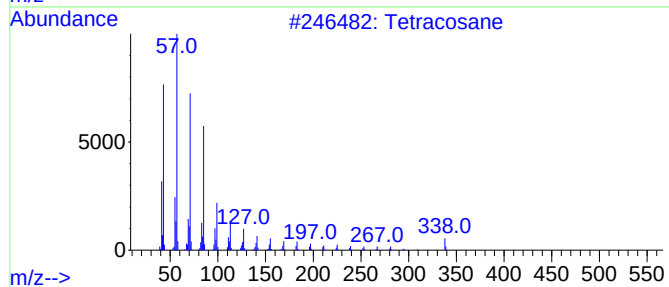
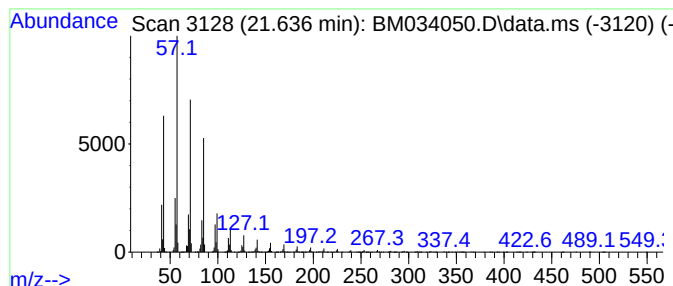
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Docosane, 11-butyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.636	143.32 ng	19300500	Chrysene-d12	21.565

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	97
2			Docosane, 11-butyl-	366	C26H54	013475-76-8	95
3			Octadecane	254	C18H38	000593-45-3	94
4			Hexacosane	366	C26H54	000630-01-3	93
5			Octacosane	394	C28H58	000630-02-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
Data File : BM034050.D
Acq On : 23 Feb 2022 13:34
Operator : CG/JU
Sample : N1627-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20220096-BERKELEY-8-ELUTRIATE

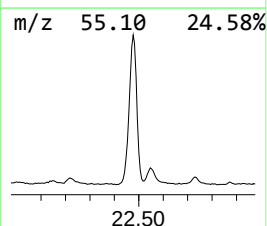
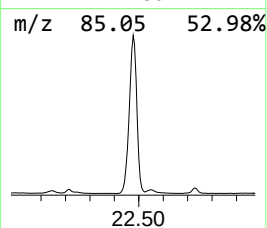
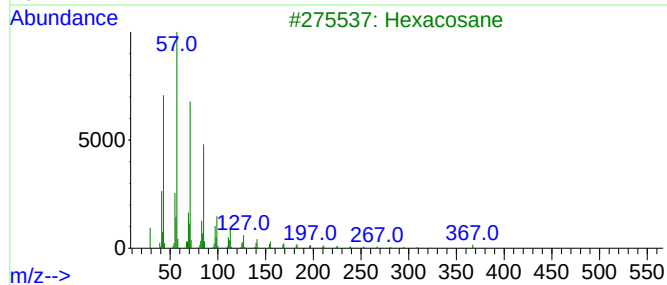
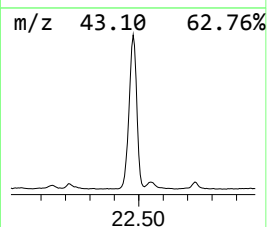
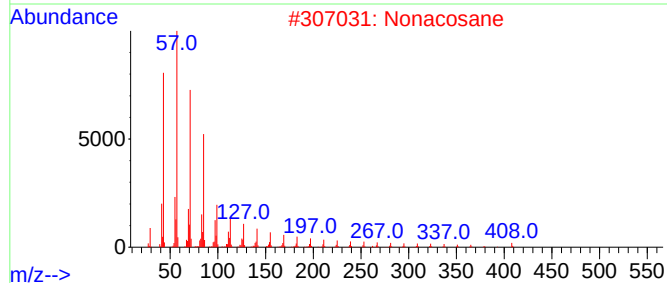
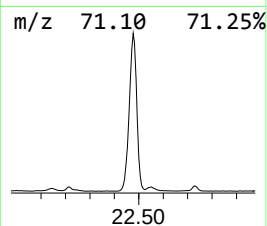
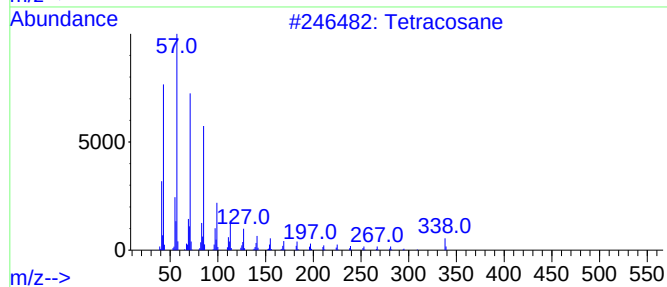
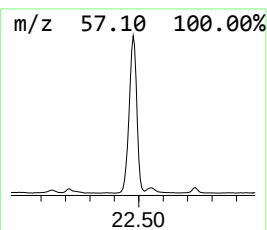
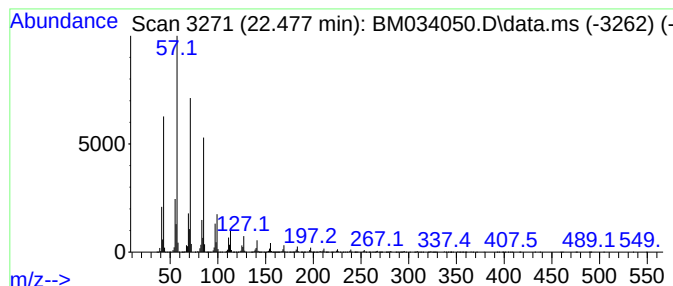
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.477	140.90 ng	18974400	Chrysene-d12	21.565

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	98
2			Nonacosane	408	C29H60	000630-03-5	97
3			Hexacosane	366	C26H54	000630-01-3	94
4			Heptacosane	380	C27H56	000593-49-7	91
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
Data File : BM034050.D
Acq On : 23 Feb 2022 13:34
Operator : CG/JU
Sample : N1627-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
20220096-BERKELEY-8-ELUTRIATE

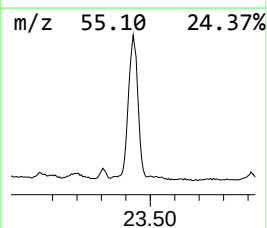
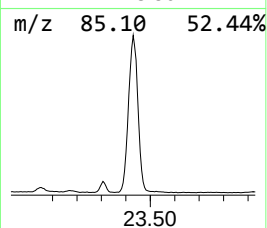
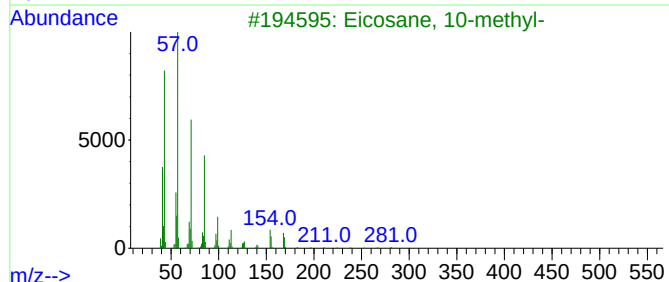
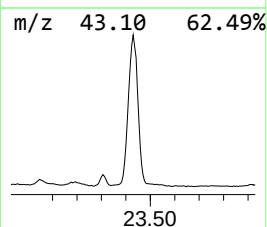
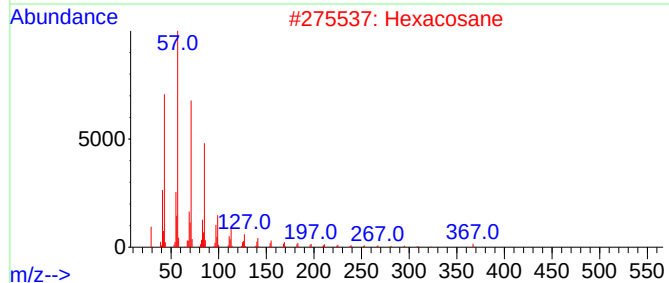
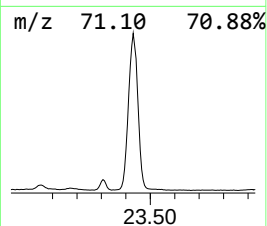
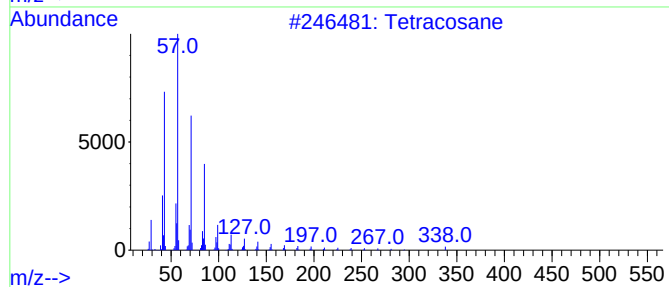
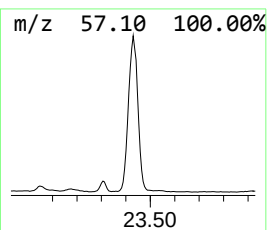
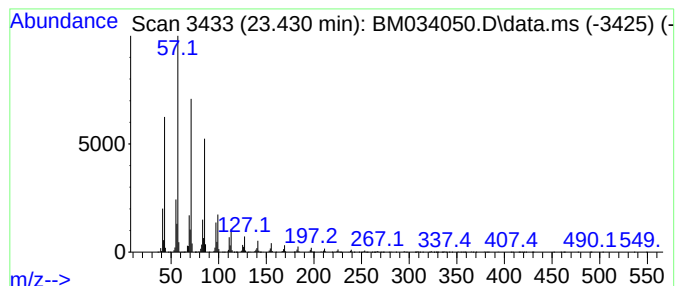
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.430	88.58 ng	12991600	Perylene-d12	24.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	97
2			Hexacosane	366	C26H54	000630-01-3	94
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4			Heneicosane	296	C21H44	000629-94-7	91
5			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
Data File : BM034050.D
Acq On : 23 Feb 2022 13:34
Operator : CG/JU
Sample : N1627-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
20220096-BERKELEY-8-ELUTRIATE

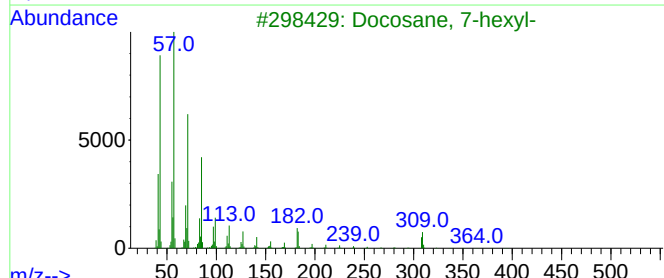
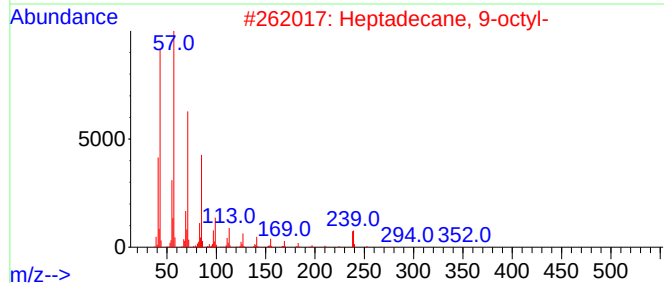
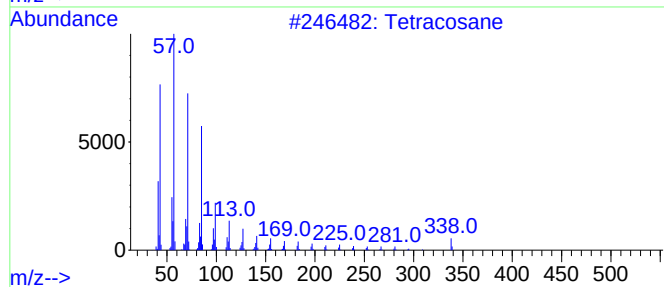
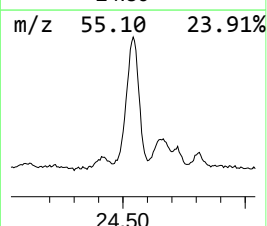
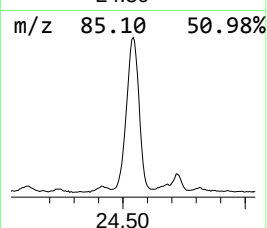
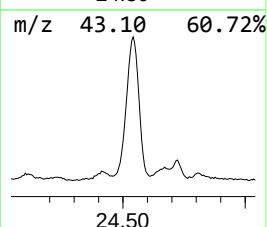
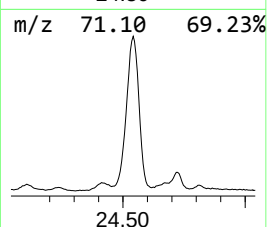
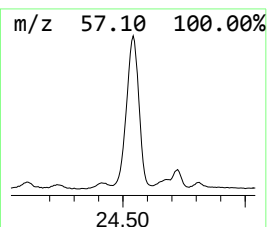
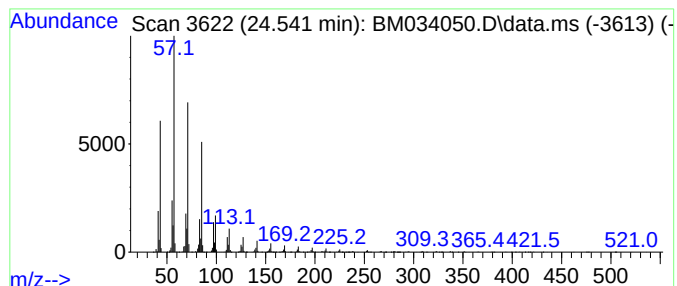
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Docosane, 7-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.541	51.94 ng	7617590	Perylene-d12	24.024

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	98
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3			Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
4			Hexacosane	366	C26H54	000630-01-3	93
5			Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
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Acq On : 23 Feb 2022 13:34
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Sample : N1627-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

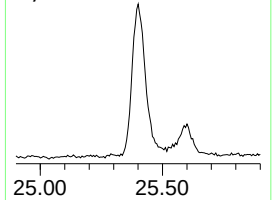
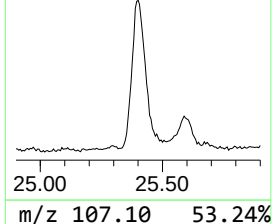
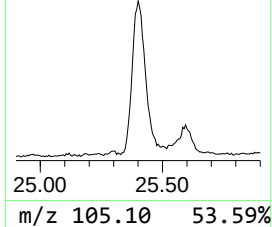
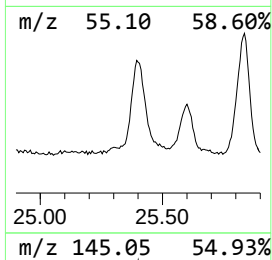
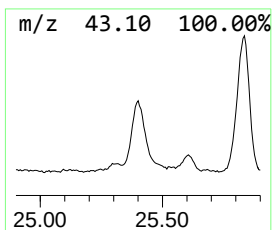
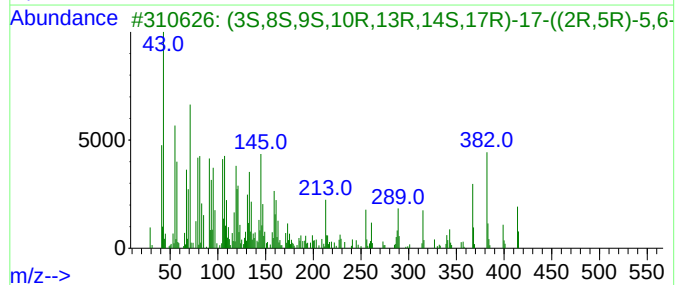
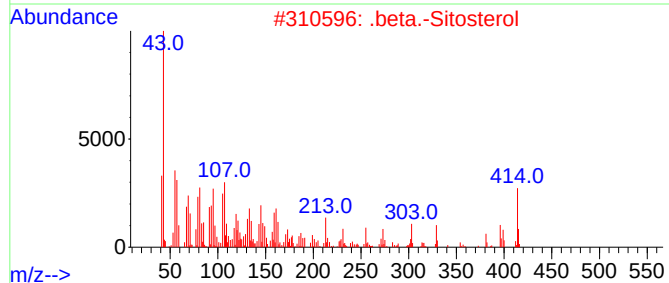
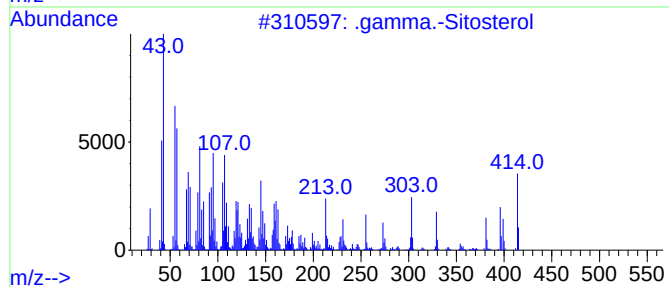
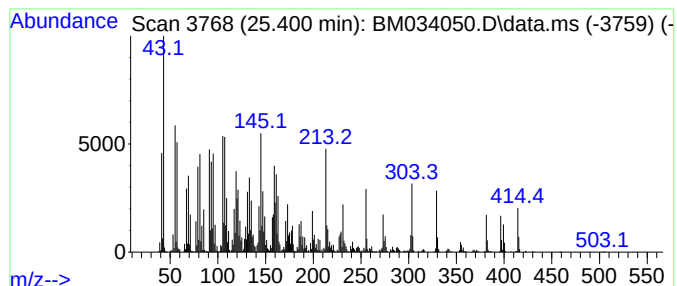
Instrument :
BNA_M
ClientSampleId :
20220096-BERKELEY-8-ELUTRIATE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 .gamma.-Sitosterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
25.400	47.72 ng	6998620	Perylene-d12	24.024	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	98
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	89
4	Campesterol	400	C28H48O	000474-62-4	58
5	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
Data File : BM034050.D
Acq On : 23 Feb 2022 13:34
Operator : CG/JU
Sample : N1627-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20220096-BERKELEY-8-ELUTRIATE

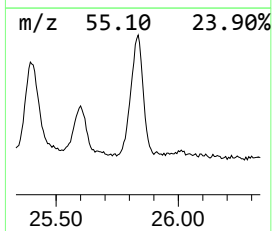
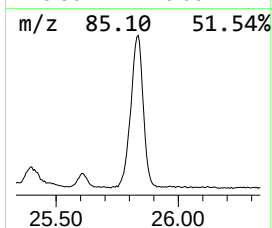
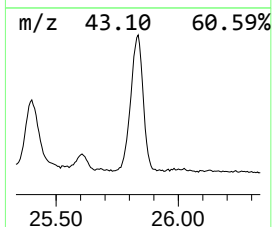
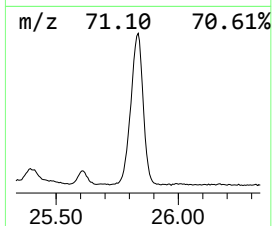
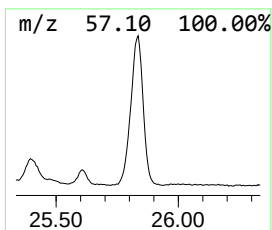
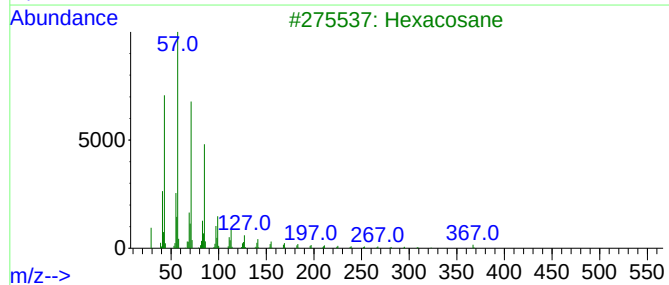
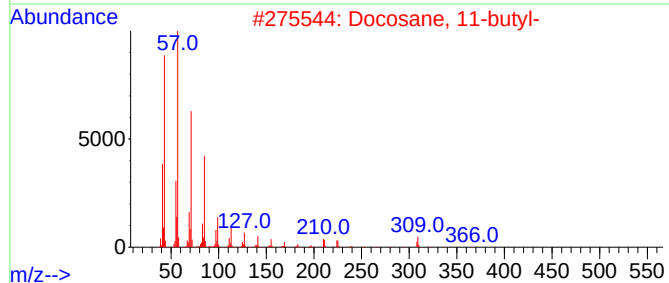
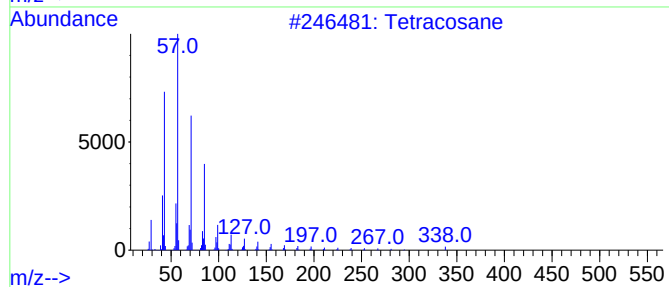
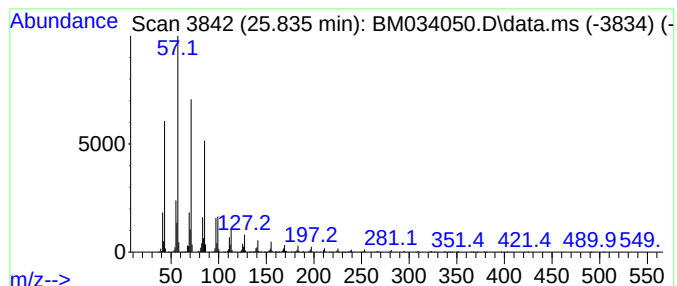
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetratetracontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.835	36.10 ng	5294440	Perylene-d12	24.024

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		Hexacosane	366	C26H54	000630-01-3	94
4		Tetratetracontane	619	C44H90	007098-22-8	94
5		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
Data File : BM034050.D
Acq On : 23 Feb 2022 13:34
Operator : CG/JU
Sample : N1627-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20220096-BERKELEY-8-ELUTRIATE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.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
1,2-Benzenedica...	17.683	43.6	ng	5339920	4	17.395	2447970	20.0
Octadecanal	18.765	24.4	ng	2983640	4	17.395	2447970	20.0
Methyl stearate	19.377	25.5	ng	3116490	4	17.395	2447970	20.0
9,12-Octadecadi...	19.436	54.2	ng	6633810	4	17.395	2447970	20.0
9-Octadecenoic ...	19.465	66.3	ng	8119860	4	17.395	2447970	20.0
Octadecanoic acid	19.630	1158.8	ng	156050000	5	21.565	2693410	20.0
Octadecane	19.806	86.4	ng	11639300	5	21.565	2693410	20.0
Pentadecane, 8-...	20.818	119.4	ng	16079700	5	21.565	2693410	20.0
Docosane, 11-bu...	21.636	143.3	ng	19300500	5	21.565	2693410	20.0
Tetracosane	22.477	140.9	ng	18974400	5	21.565	2693410	20.0
Hexacosane	23.430	88.6	ng	12991600	6	24.024	2933190	20.0
Docosane, 7-hexyl-	24.541	51.9	ng	7617590	6	24.024	2933190	20.0
.gamma.-Sitosterol	25.400	47.7	ng	6998620	6	24.024	2933190	20.0
Tetratetracontane	25.835	36.1	ng	5294440	6	24.024	2933190	20.0