

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
 Data File : BM042571.D
 Acq On : 03 Nov 2023 15:35
 Operator : MA/JU
 Sample : 05171-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-05-103123

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-BM103023.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042571.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.993	302	307	318	rVB	167582	231028	1.95%	0.508%
2	5.446	378	384	395	rBV	625698	930493	7.84%	2.045%
3	7.075	654	661	671	rBV	735541	1176630	9.92%	2.586%
4	7.910	795	803	813	rBV	220676	356409	3.00%	0.783%
5	9.110	1000	1007	1021	rBV	458276	751389	6.33%	1.651%
6	10.733	1277	1283	1289	rBV	268587	448423	3.78%	0.985%
7	13.186	1693	1700	1706	rBV	1065340	1535855	12.95%	3.375%
8	14.392	1900	1905	1912	rBV	111606	141455	1.19%	0.311%
9	14.563	1929	1934	1941	rVB	405218	584230	4.92%	1.284%
10	15.339	2062	2066	2071	rVB	144881	175066	1.48%	0.385%
11	16.057	2182	2188	2198	rBV2	259308	392685	3.31%	0.863%
12	16.204	2208	2213	2220	rBV	185562	278234	2.35%	0.611%
13	16.998	2343	2348	2351	rBV	144407	170537	1.44%	0.375%
14	17.315	2393	2402	2406	rBV	534165	770049	6.49%	1.692%
15	17.357	2406	2409	2417	rVB	605812	831577	7.01%	1.827%
16	17.451	2418	2425	2431	rBV	147786	241810	2.04%	0.531%
17	17.739	2469	2474	2479	rVB2	159597	188483	1.59%	0.414%
18	17.933	2502	2507	2516	rVB	1932051	2244650	18.92%	4.933%
19	18.168	2542	2547	2555	rBV2	589054	972333	8.20%	2.137%
20	18.239	2555	2559	2565	rVB	100359	164148	1.38%	0.361%
21	18.386	2579	2584	2588	rBV3	121159	200733	1.69%	0.441%
22	18.433	2588	2592	2598	rVB2	139600	188415	1.59%	0.414%
23	19.086	2697	2703	2706	rBV	9094106	11863487	100.00%	26.070%
24	19.115	2706	2708	2719	rVB2	5269089	6583255	55.49%	14.467%
25	19.245	2725	2730	2737	rBV	970545	1088331	9.17%	2.392%
26	19.374	2747	2752	2759	rVB	1349766	1677963	14.14%	3.687%
27	19.445	2759	2764	2775	rBV3	273916	477452	4.02%	1.049%
28	19.698	2802	2807	2810	rBV2	160111	261353	2.20%	0.574%
29	19.739	2810	2814	2822	rVB	1074495	1421089	11.98%	3.123%
30	19.933	2841	2847	2854	rVB	2301597	2674699	22.55%	5.878%
31	20.050	2863	2867	2876	rVB3	62919	153309	1.29%	0.337%
32	20.186	2886	2890	2893	rBV3	102806	157475	1.33%	0.346%
33	20.227	2893	2897	2905	rVB2	198136	292066	2.46%	0.642%
34	20.333	2910	2915	2919	rBV3	186585	289826	2.44%	0.637%
35	21.145	3049	3053	3055	rBV2	166286	233466	1.97%	0.513%
36	21.286	3074	3077	3085	rVB3	143042	174145	1.47%	0.383%

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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-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.497	3106	3113	3117	rBV3	852388	1700979	14.34%	3.738%
38	21.539	3117	3120	3124	rVB	513982	611148	5.15%	1.343%
39	23.174	3392	3398	3403	rBV	377293	938822	7.91%	2.063%
40	23.697	3482	3487	3498	rVB	278848	558898	4.71%	1.228%
41	23.803	3500	3505	3512	rVB	309423	609623	5.14%	1.340%
42	23.915	3518	3524	3530	rBV	395367	763854	6.44%	1.679%

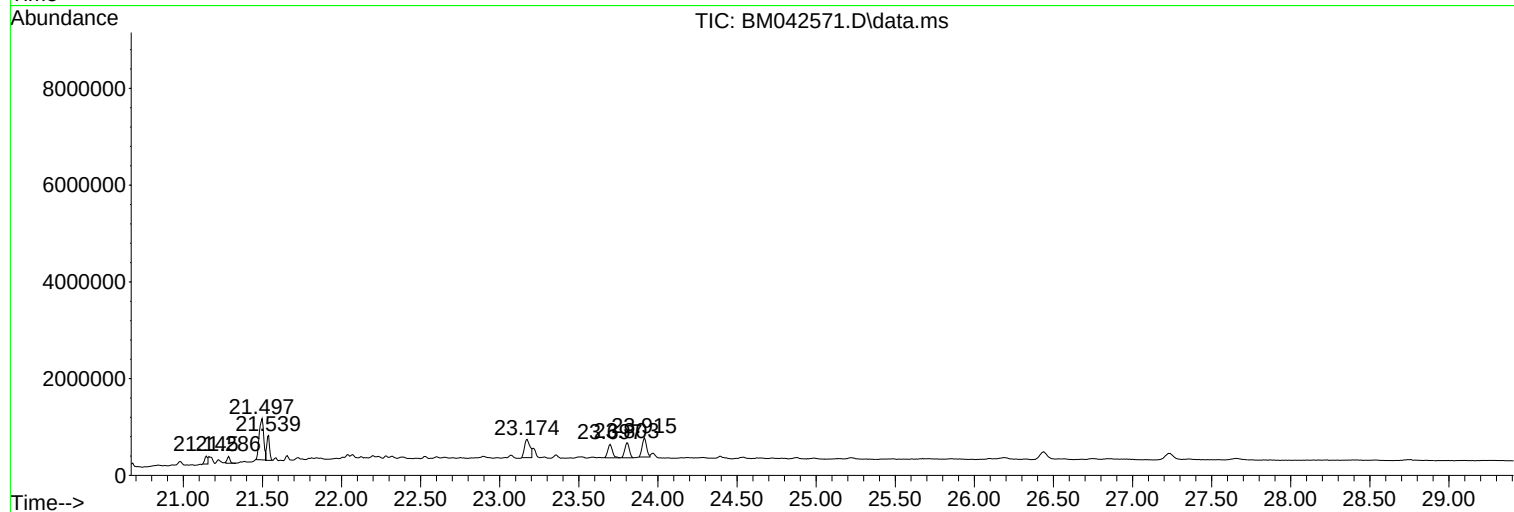
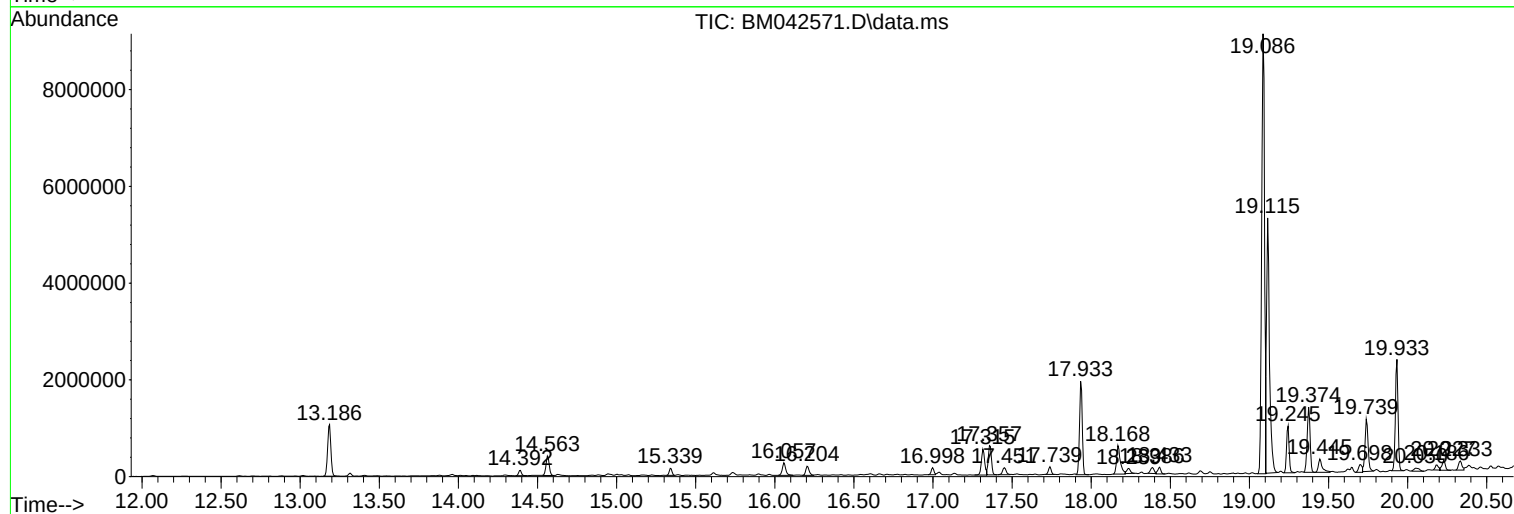
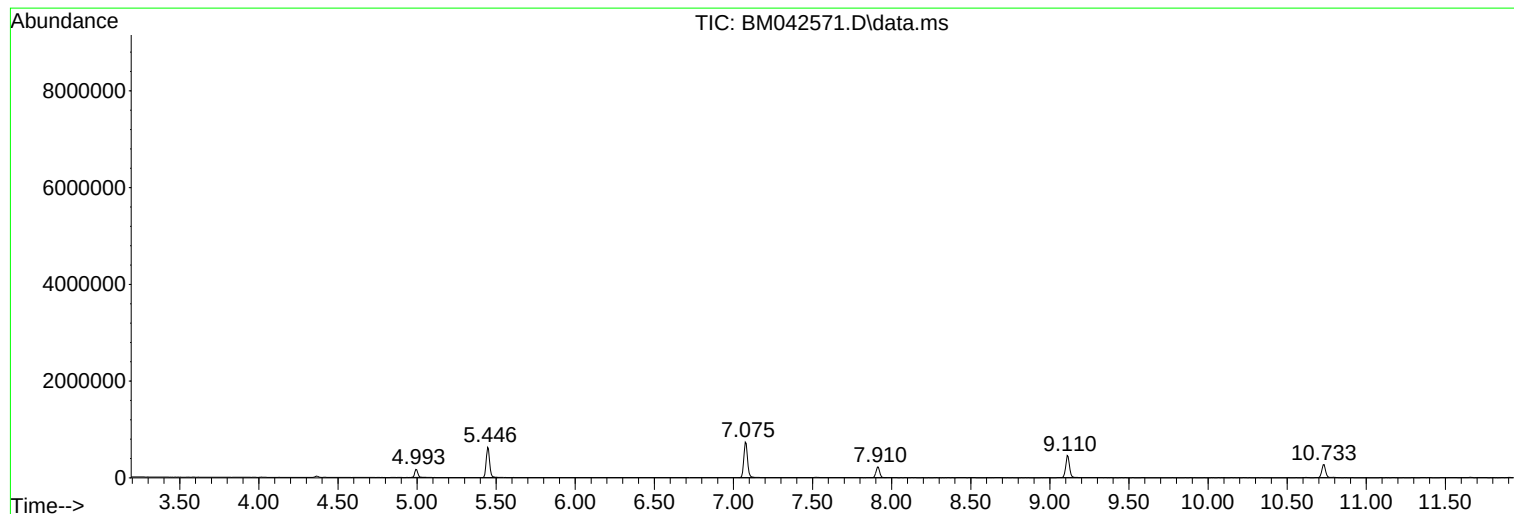
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Acq On : 03 Nov 2023 15:35
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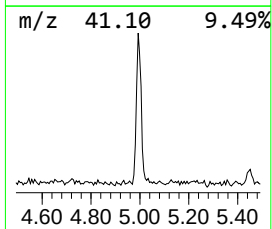
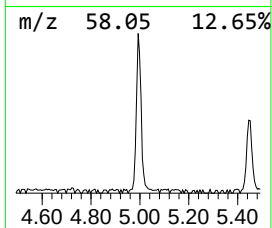
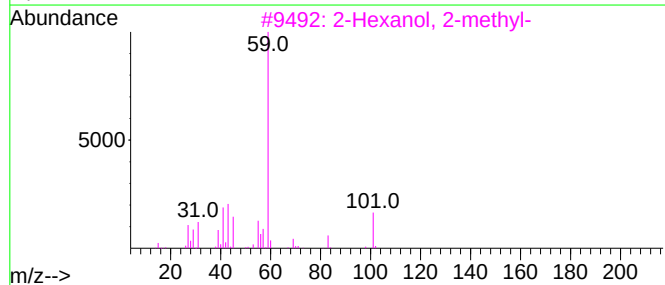
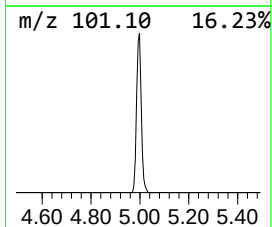
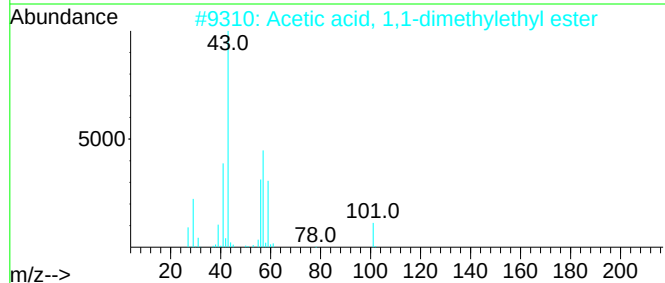
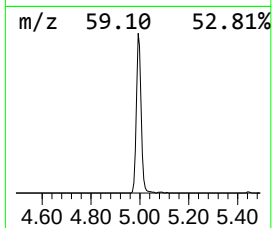
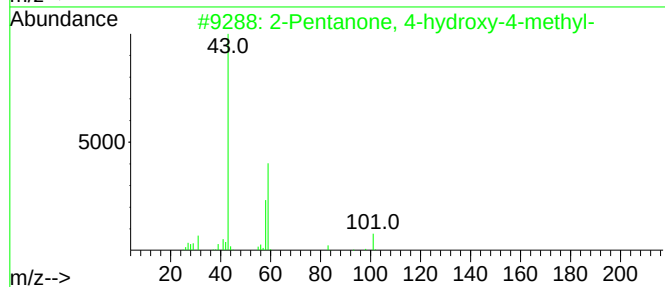
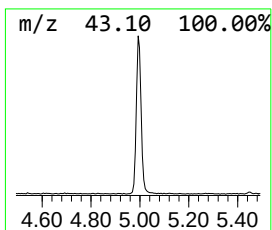
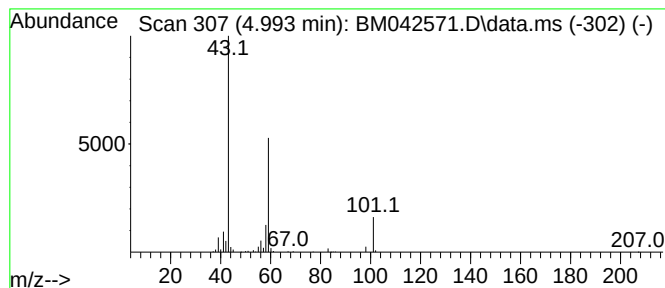
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
4.993	12.96 ng	231028	1,4-Dichlorobenzene-d4		7.910	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...		116	C6H12O2	000540-88-5	38
3	2-Hexanol, 2-methyl-		116	C7H16O	000625-23-0	28
4	2,3-Butanedione, monooxime		101	C4H7NO2	000057-71-6	27
5	1-Propen-2-ol, acetate		100	C5H8O2	000108-22-5	12



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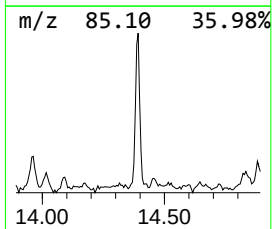
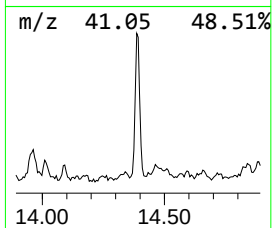
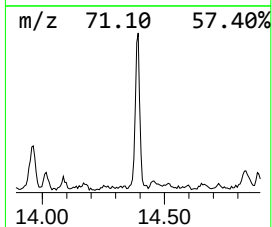
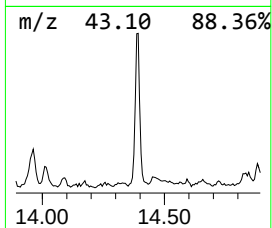
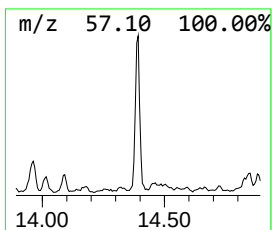
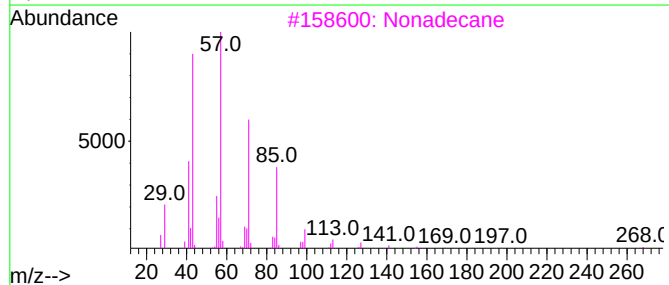
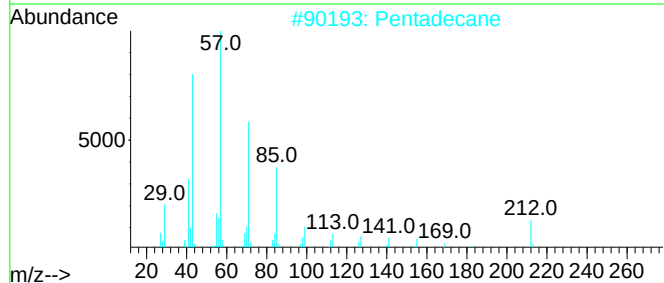
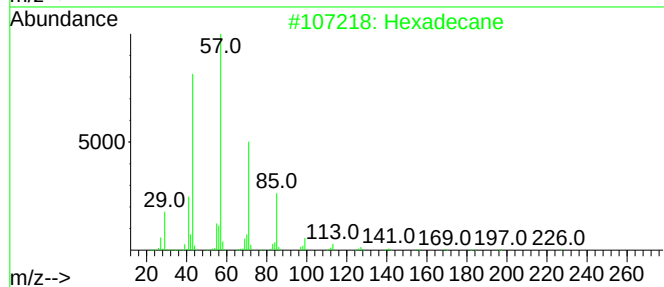
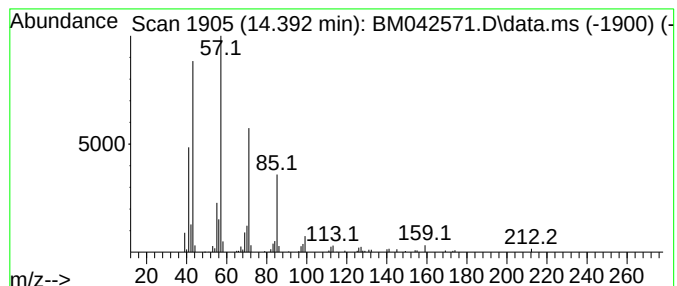
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.392	4.84 ng	141455	Acenaphthene-d10	14.563

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	91
2		Pentadecane	212	C15H32	000629-62-9	90
3		Nonadecane	268	C19H40	000629-92-5	90
4		Tetradecane	198	C14H30	000629-59-4	86
5		Tridecane	184	C13H28	000629-50-5	86



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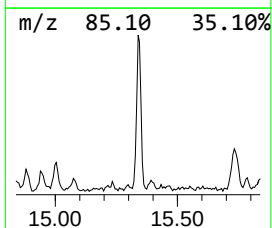
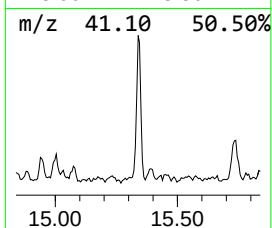
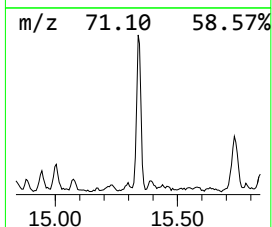
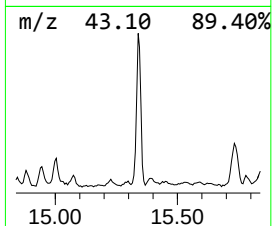
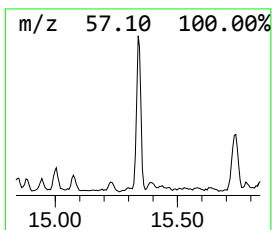
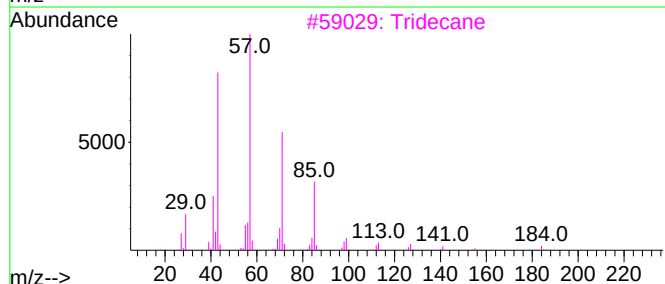
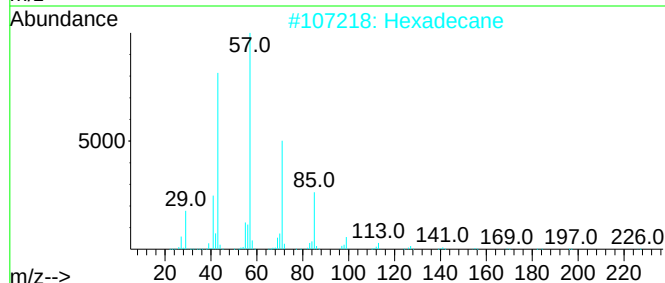
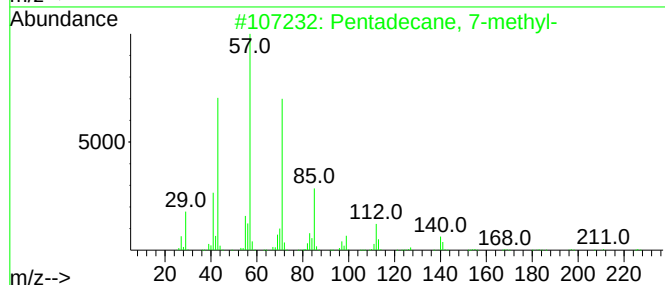
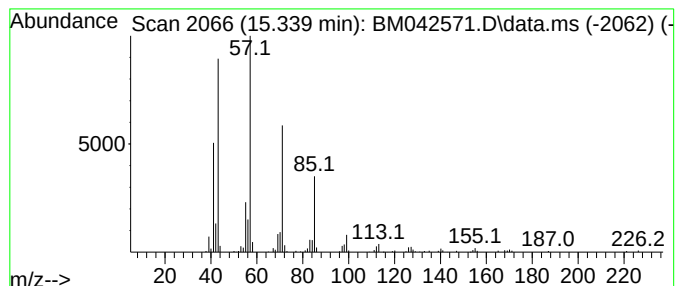
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Pentadecane, 7-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	5.99 ng	175066	Acenaphthene-d10	14.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	91
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tridecane	184	C13H28	000629-50-5	90
4			Heptadecane	240	C17H36	000629-78-7	90
5			Nonadecane	268	C19H40	000629-92-5	90



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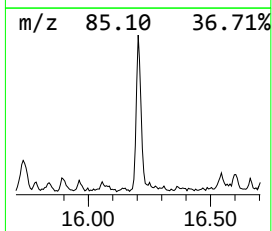
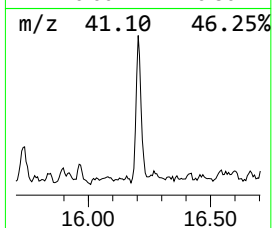
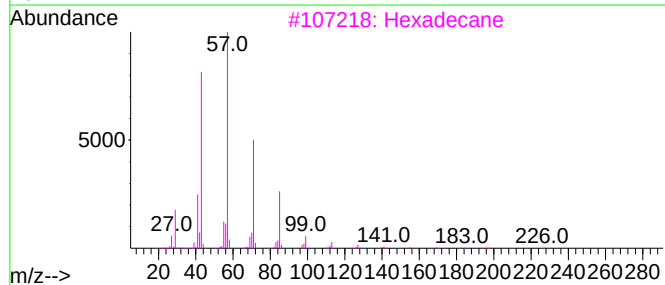
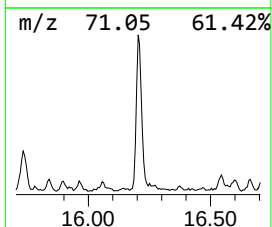
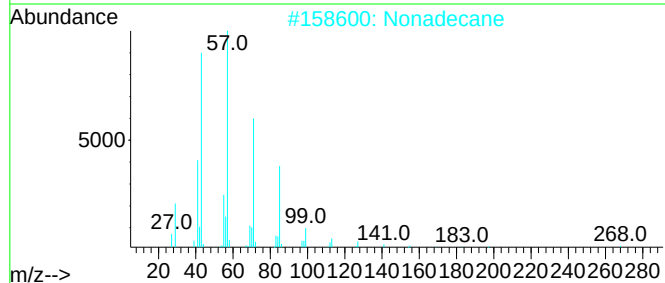
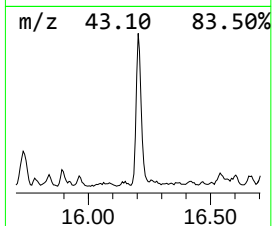
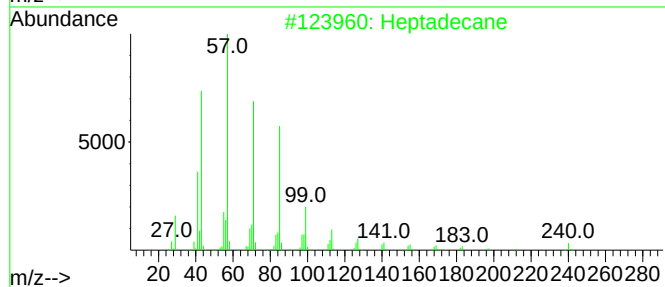
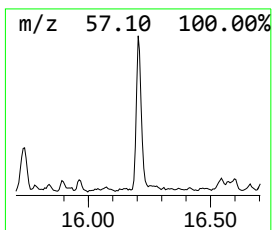
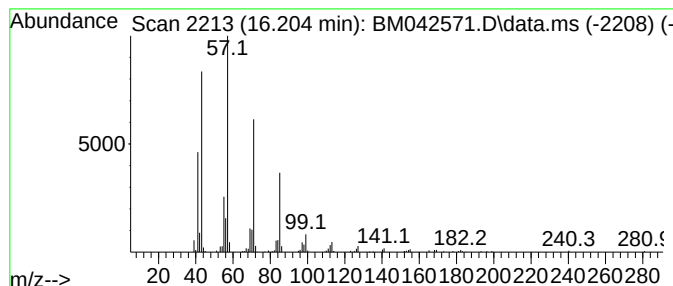
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.204	7.23 ng	278234	Phenanthrene-d10	17.315

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Nonadecane	268	C19H40	000629-92-5	91
3			Hexadecane	226	C16H34	000544-76-3	91
4			Heneicosane	296	C21H44	000629-94-7	90
5			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	90



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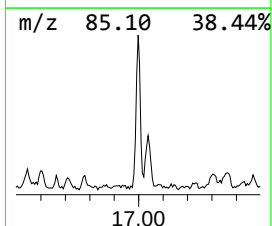
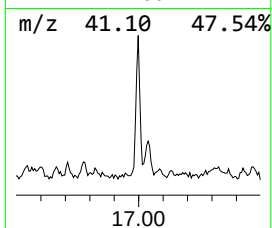
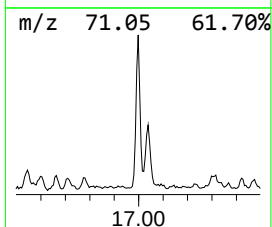
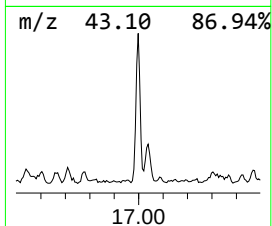
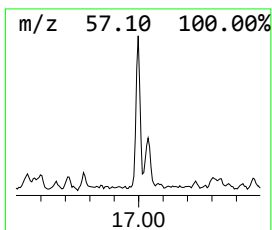
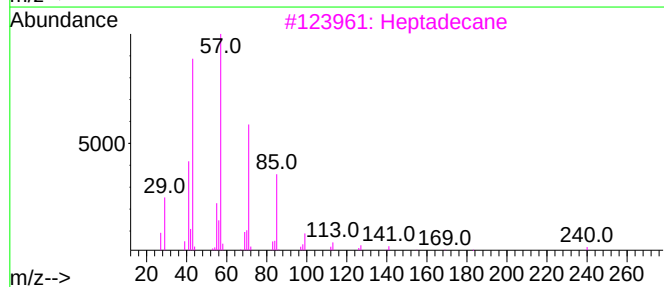
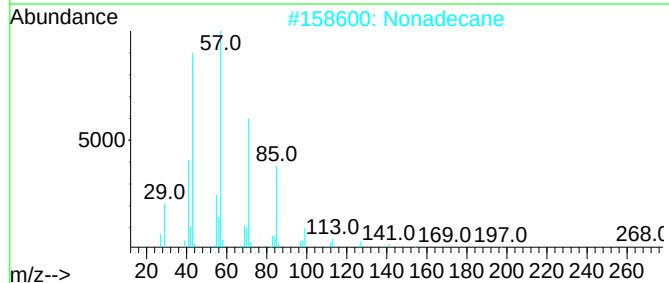
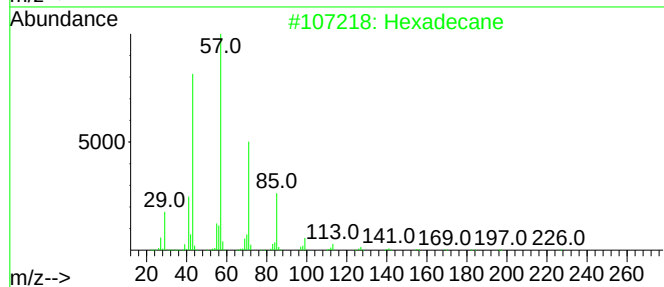
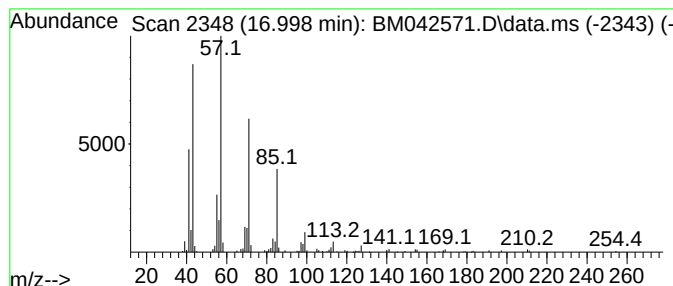
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.998	4.43 ng	170537	Phenanthrene-d10	17.315

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Nonadecane	268	C19H40	000629-92-5	91
3			Heptadecane	240	C17H36	000629-78-7	91
4			Heptacosane	380	C27H56	000593-49-7	90
5			Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042571.D
Acq On : 03 Nov 2023 15:35
Operator : MA/JU
Sample : 05171-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

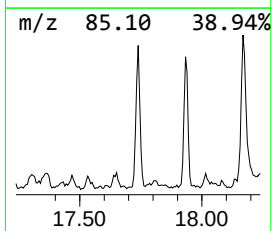
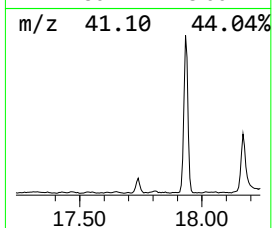
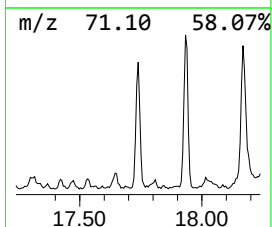
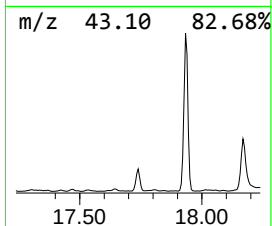
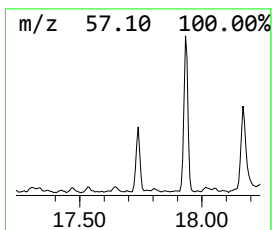
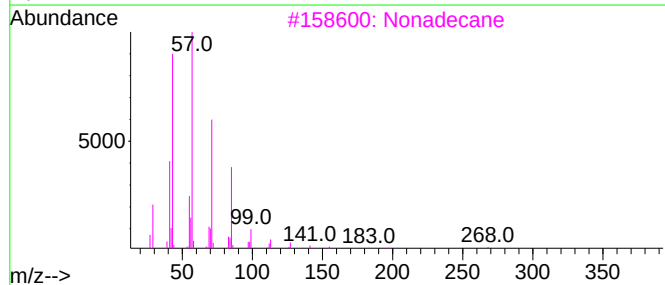
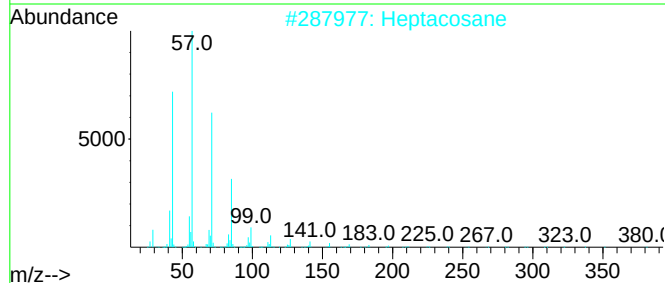
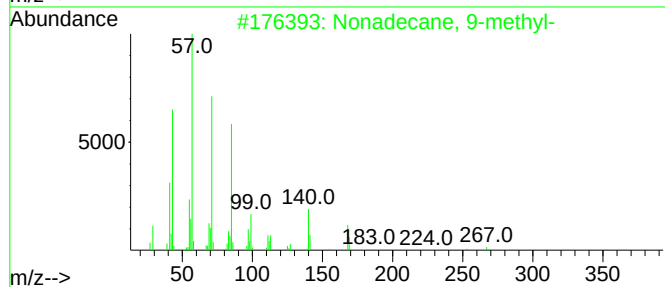
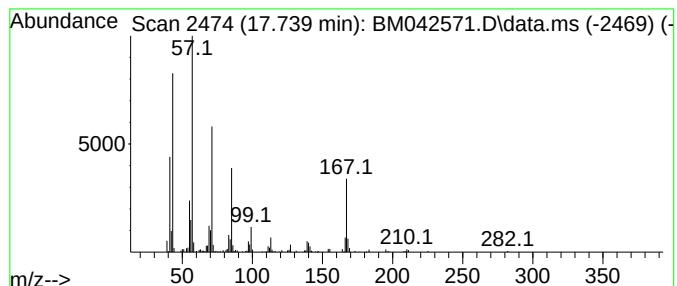
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonadecane, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.739	4.90 ng	188483	Phenanthrene-d10		17.315	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	89
2	Heptacosane		380	C27H56	000593-49-7	70
3	Nonadecane		268	C19H40	000629-92-5	70
4	Heptadecane		240	C17H36	000629-78-7	68
5	Eicosane, 10-methyl-		296	C21H44	054833-23-7	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042571.D
Acq On : 03 Nov 2023 15:35
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Sample : 05171-01
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ClientSampleId :
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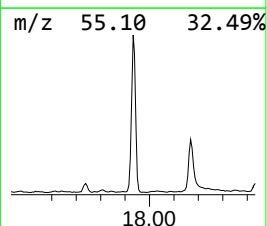
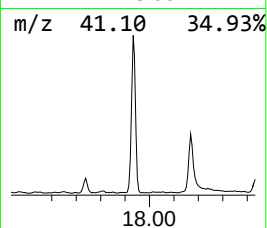
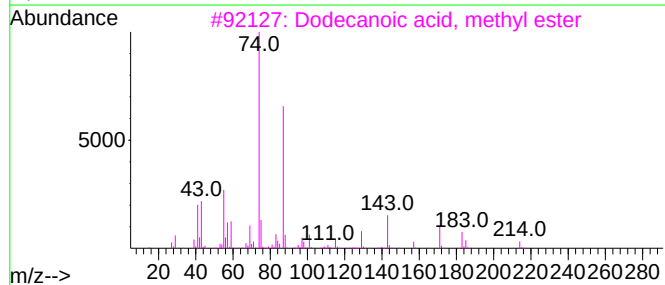
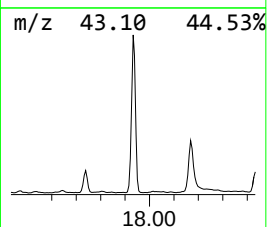
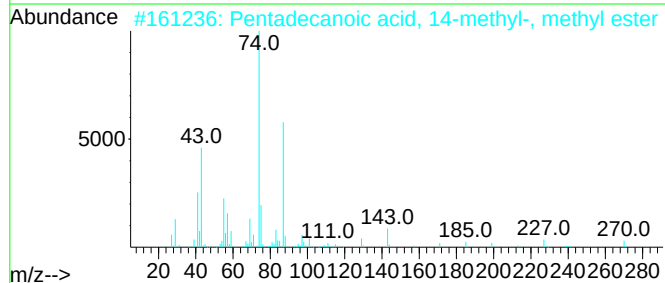
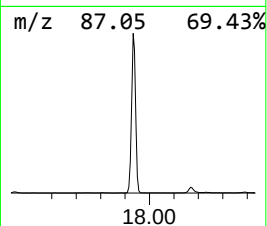
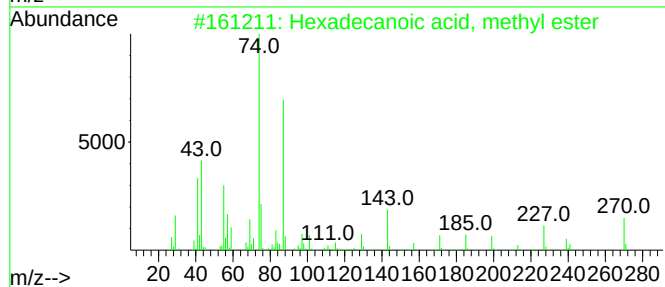
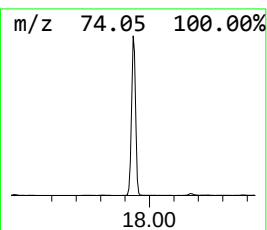
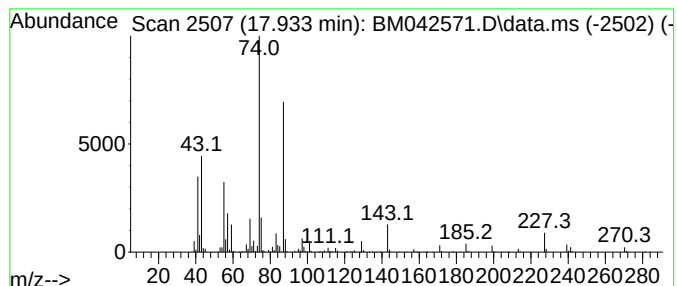
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	58.30 ng	2244650	Phenanthrene-d10	17.315

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
3			Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042571.D
Acq On : 03 Nov 2023 15:35
Operator : MA/JU
Sample : 05171-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-103123

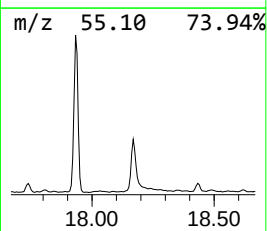
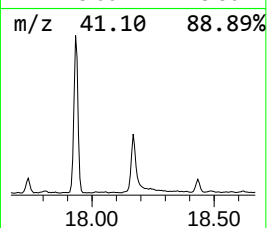
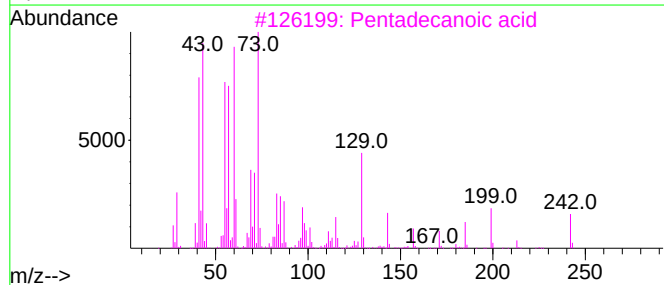
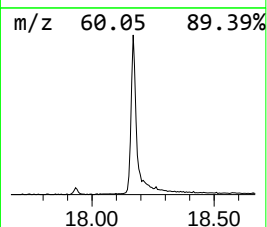
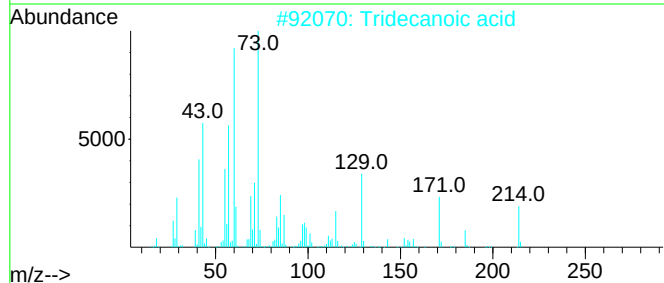
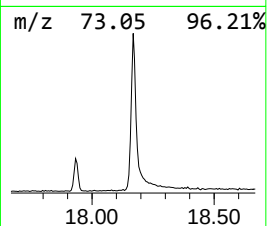
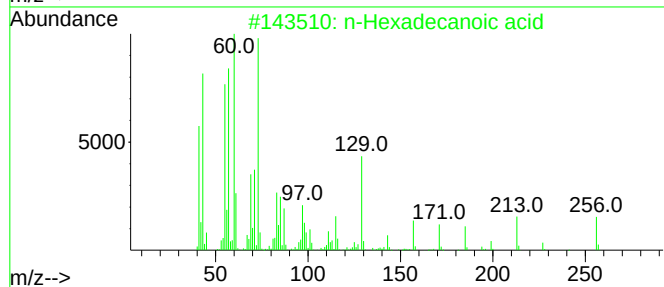
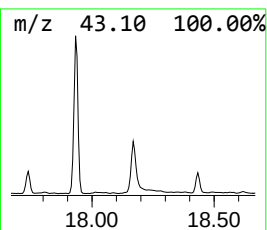
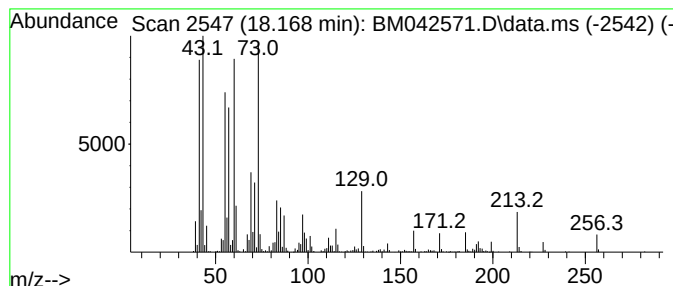
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	25.25 ng	972333	Phenanthrene-d10	17.315

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	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			Undecanoic acid	186	C11H22O2	000112-37-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
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Sample : 05171-01
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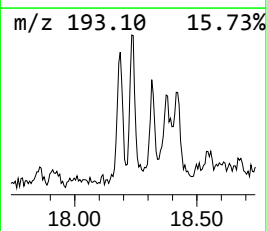
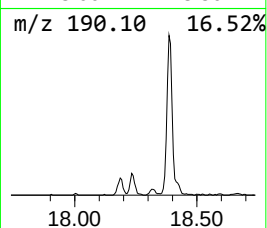
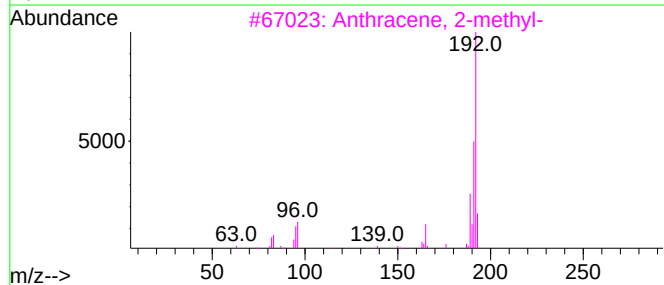
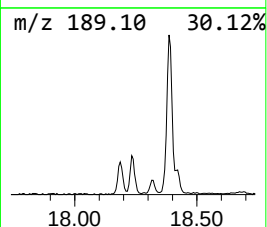
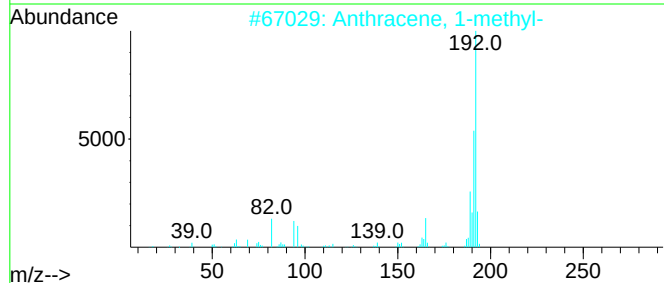
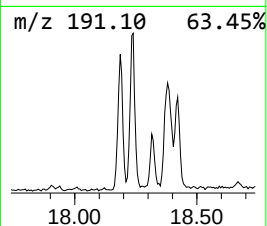
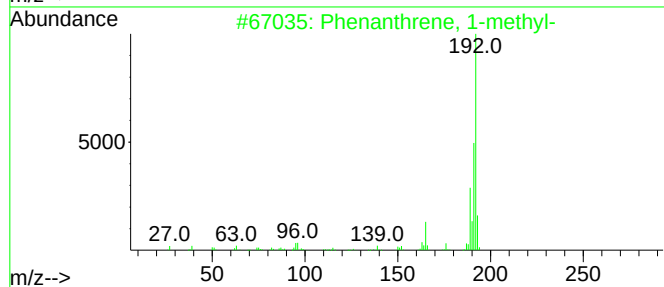
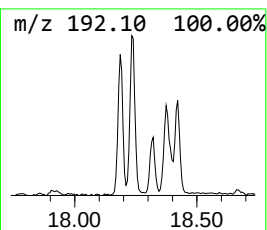
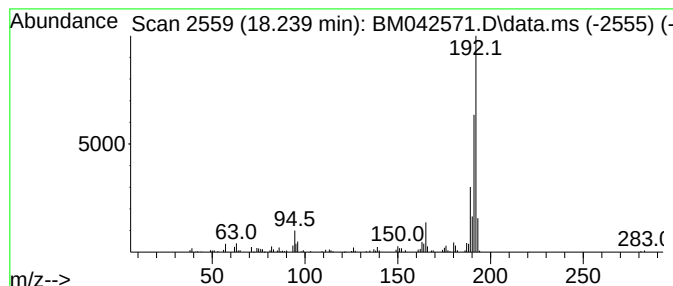
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	4.26 ng	164148	Phenanthrene-d10	17.315

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042571.D
Acq On : 03 Nov 2023 15:35
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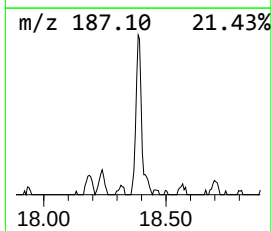
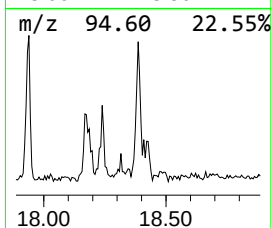
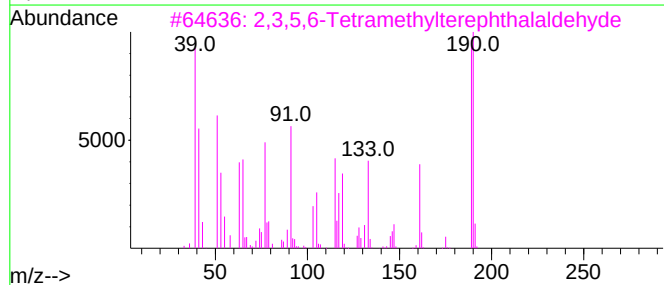
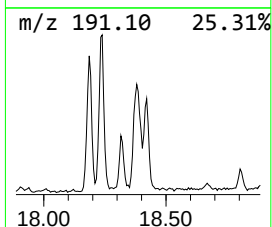
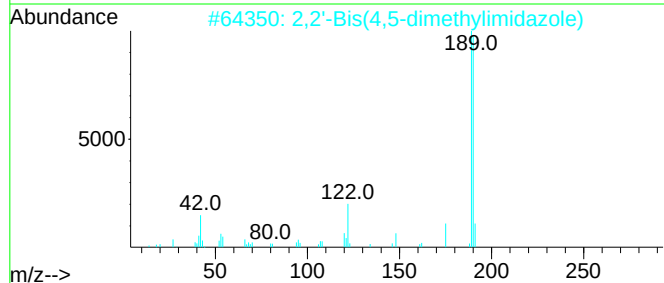
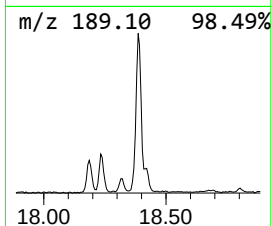
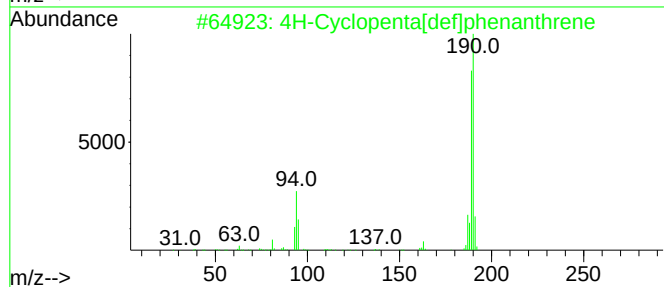
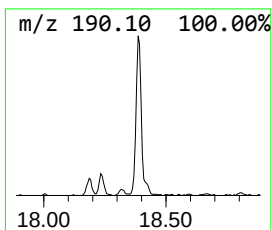
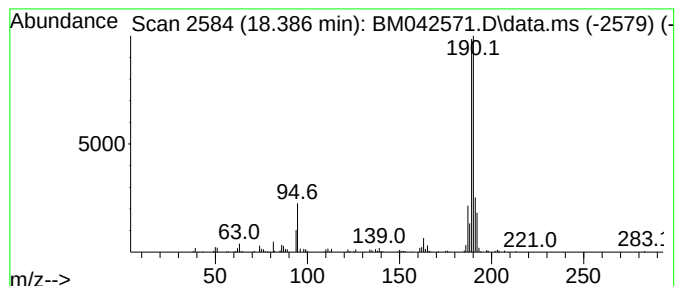
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	5.21 ng	200733	Phenanthrene-d10	17.315

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50
3			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4			1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	32
5			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
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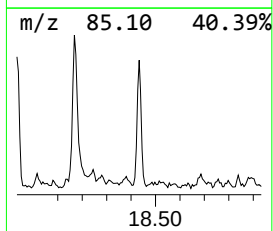
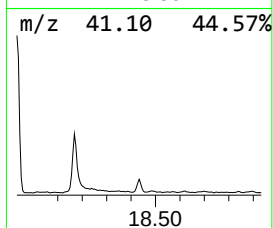
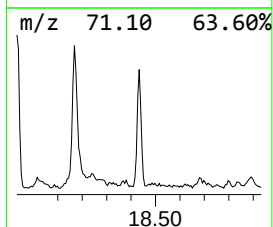
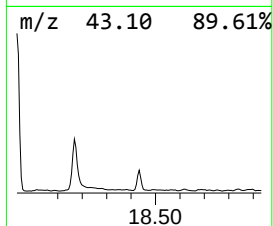
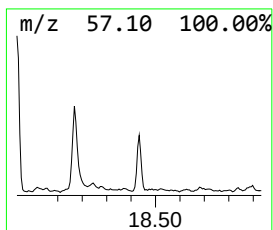
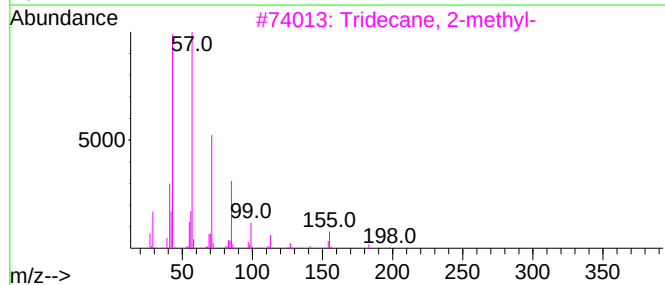
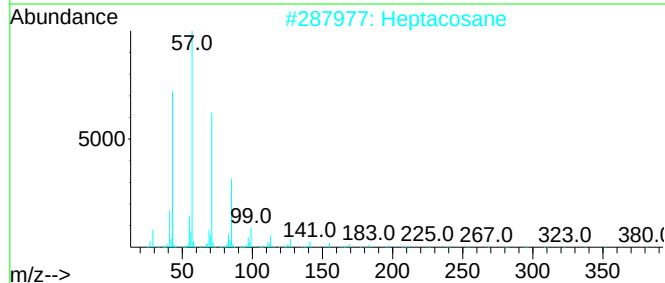
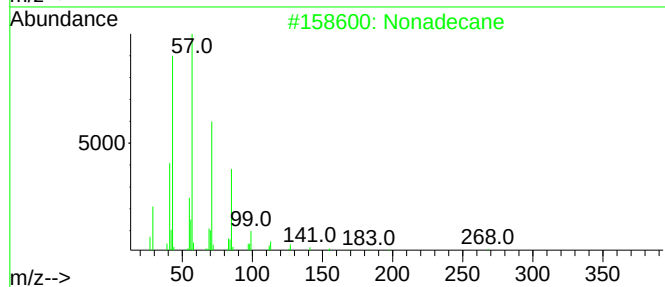
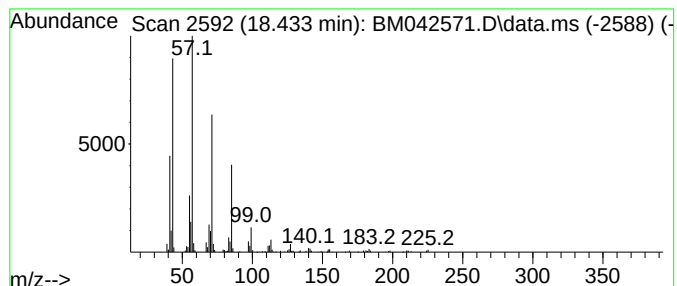
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.433	4.89 ng	188415	Phenanthrene-d10		17.315	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Heptacosane		380	C27H56	000593-49-7	91
3	Tridecane, 2-methyl-		198	C14H30	001560-96-9	90
4	Hexadecane, 5-butyl-		282	C20H42	006912-07-8	90
5	Heneicosane		296	C21H44	000629-94-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042571.D
Acq On : 03 Nov 2023 15:35
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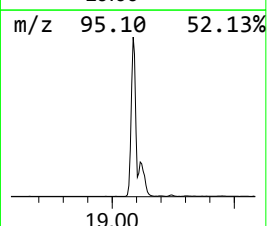
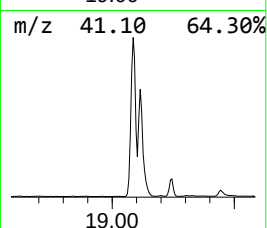
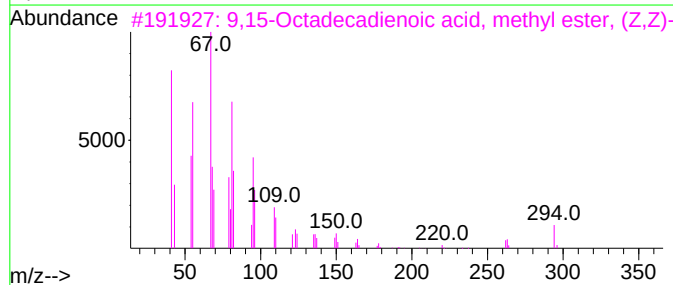
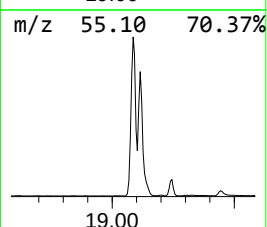
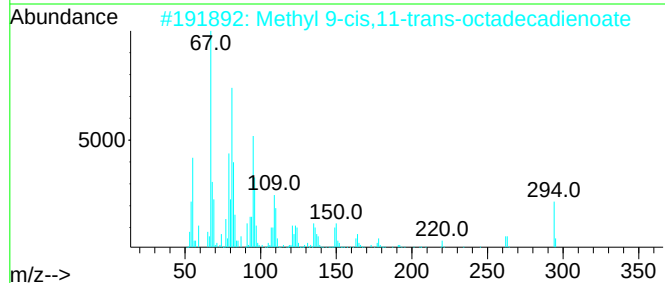
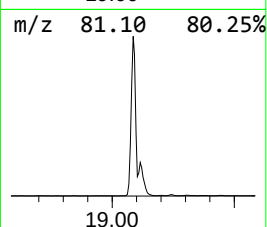
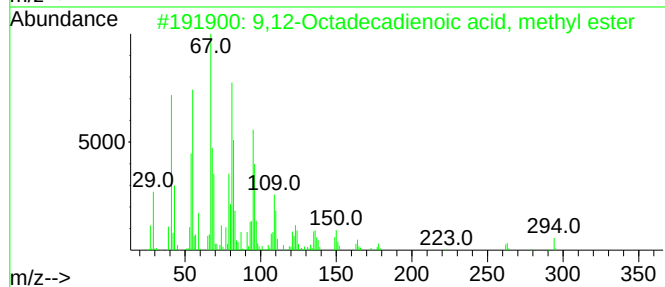
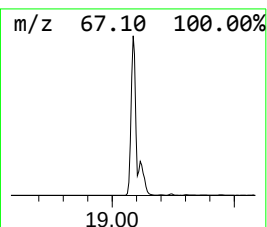
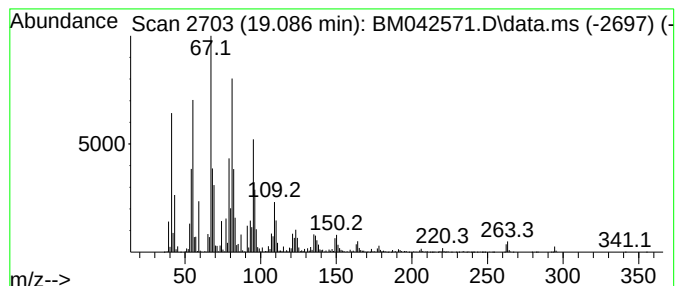
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.086	308.12 ng	11863500	Phenanthrene-d10	17.315

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2			Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
3			9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042571.D
Acq On : 03 Nov 2023 15:35
Operator : MA/JU
Sample : 05171-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-103123

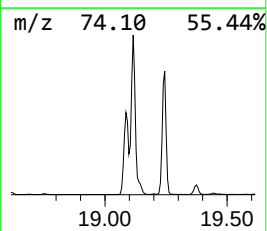
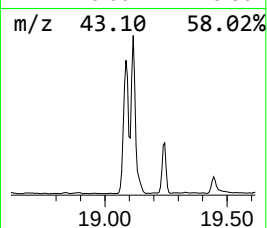
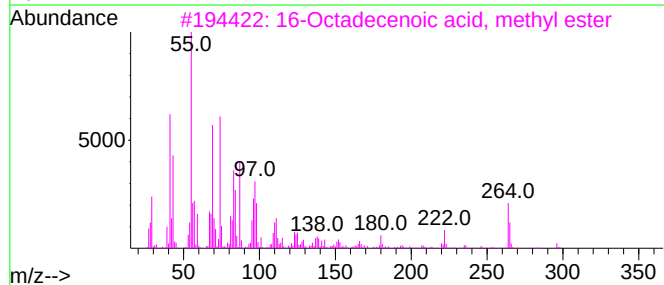
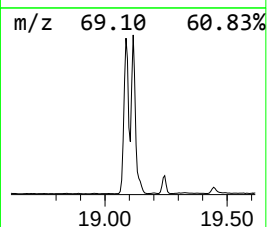
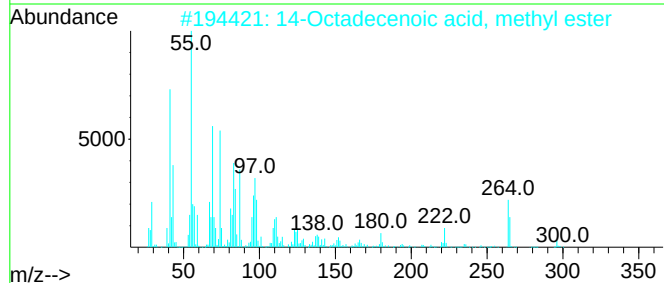
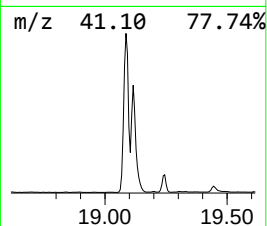
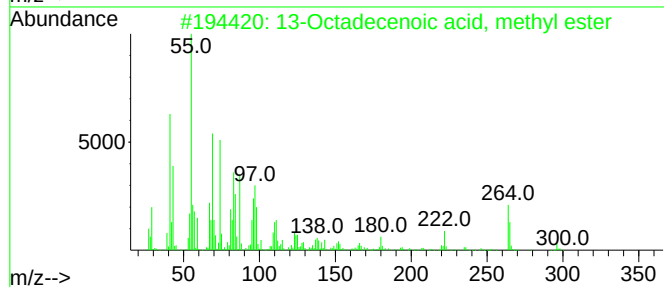
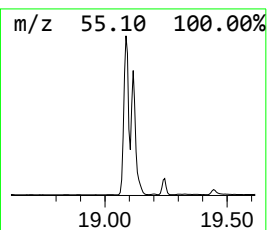
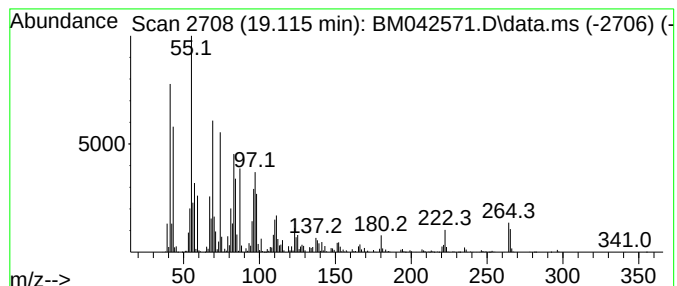
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 13-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.115	170.98 ng	6583260	Phenanthrene-d10	17.315

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4		(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	95
5		11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042571.D
Acq On : 03 Nov 2023 15:35
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Sample : 05171-01
Misc :
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ClientSampleId :
TR-05-103123

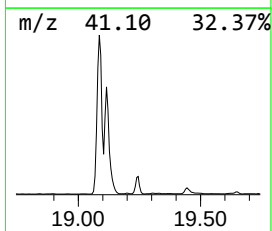
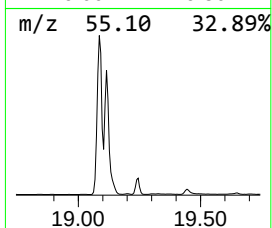
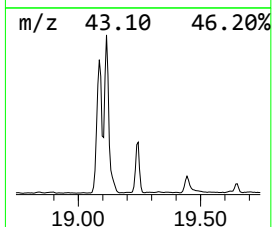
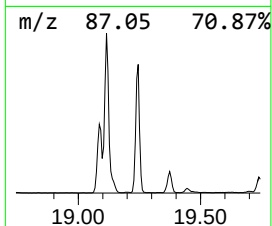
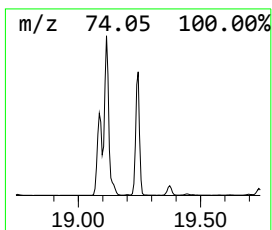
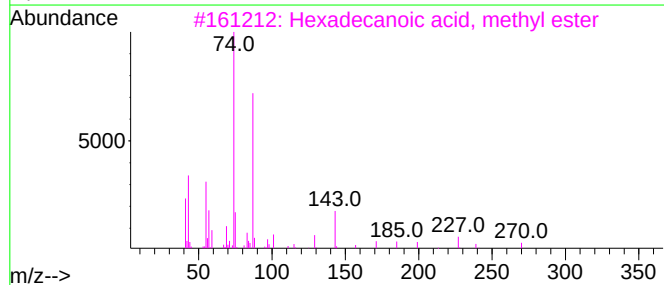
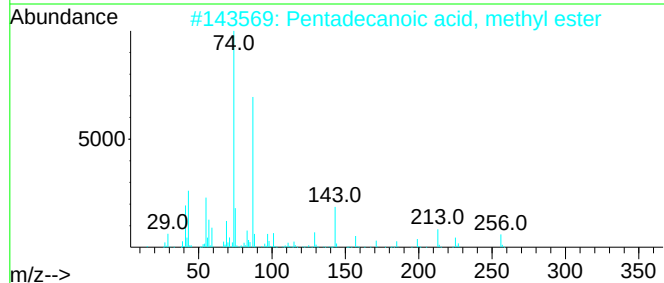
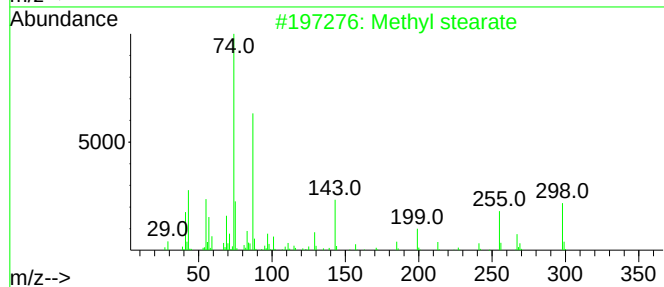
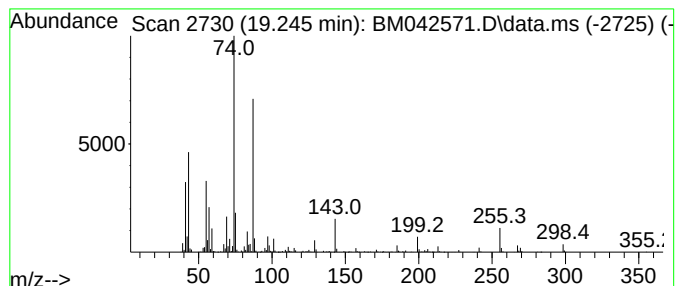
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.245	28.27 ng	1088330	Phenanthrene-d10	17.315

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	97
2			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	91
3			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
4			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87
5			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042571.D
Acq On : 03 Nov 2023 15:35
Operator : MA/JU
Sample : 05171-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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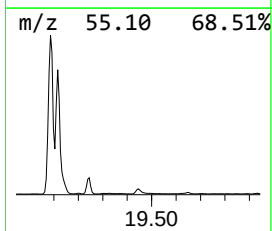
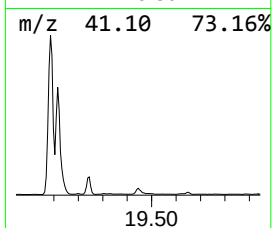
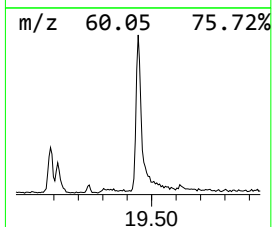
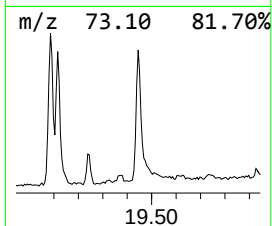
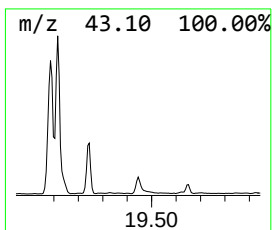
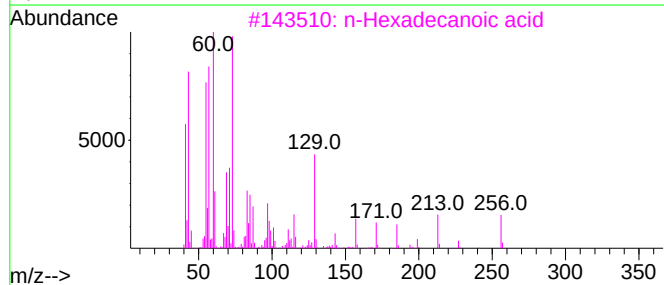
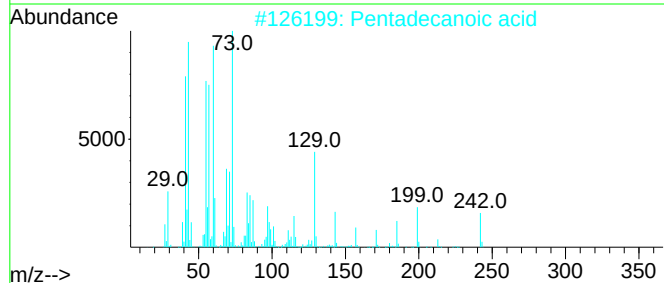
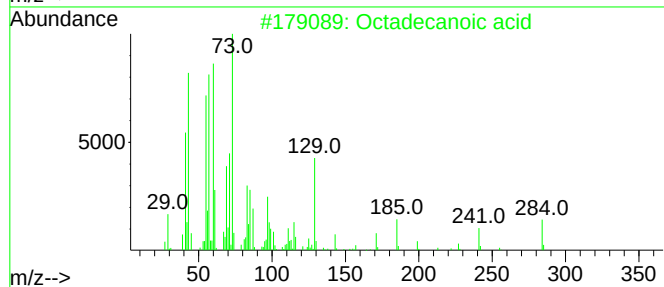
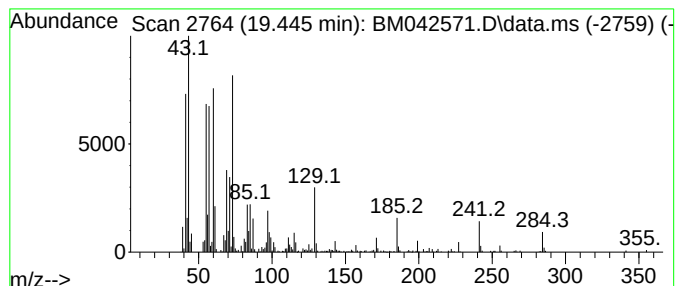
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	5.61 ng	477452	Chrysene-d12	21.497

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	91
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5			Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042571.D
Acq On : 03 Nov 2023 15:35
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Sample : 05171-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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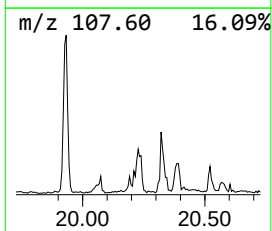
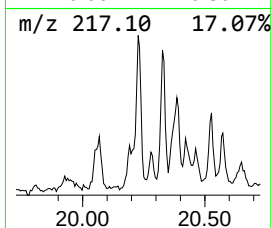
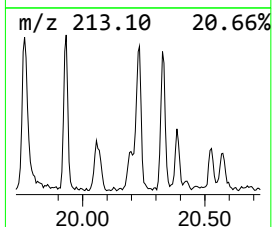
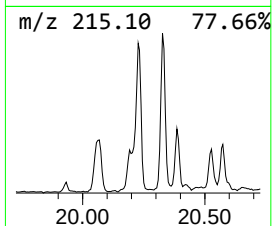
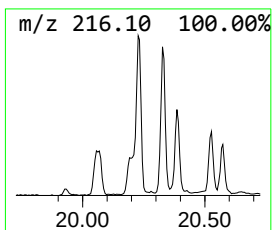
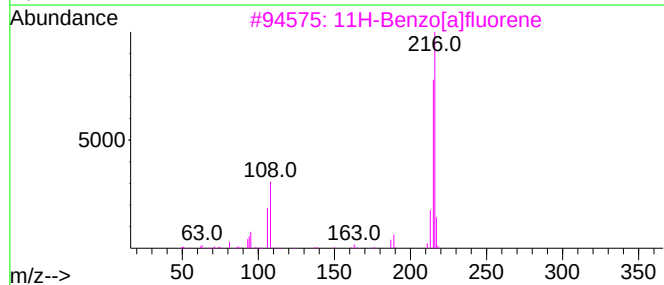
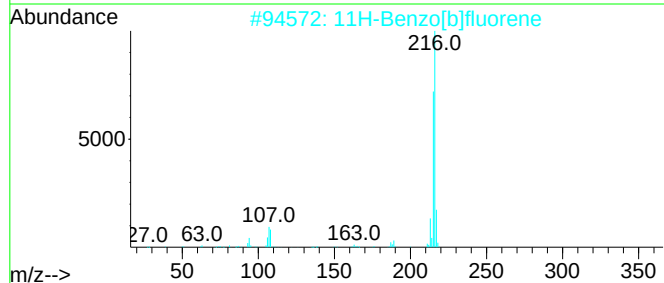
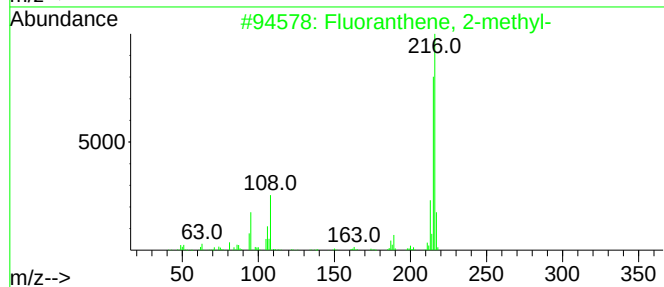
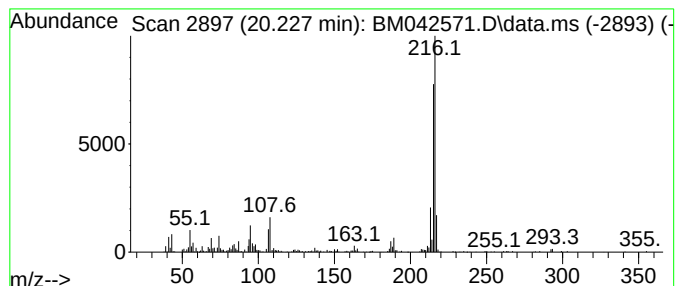
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.227	3.43 ng	292066	Chrysene-d12	21.497

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042571.D
Acq On : 03 Nov 2023 15:35
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Misc :
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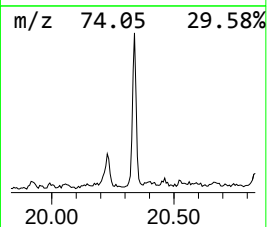
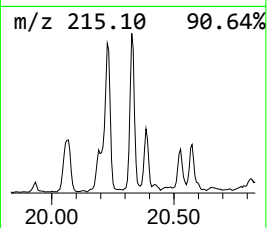
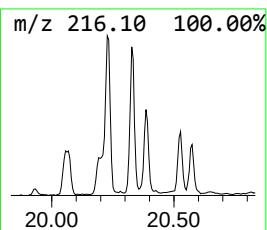
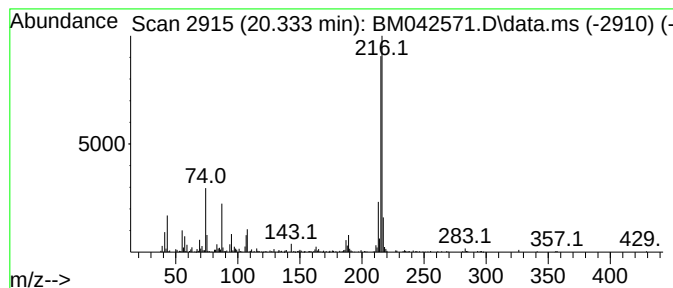
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.333	3.41 ng	289826	Chrysene-d12	21.497

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
4		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042571.D
Acq On : 03 Nov 2023 15:35
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Sample : 05171-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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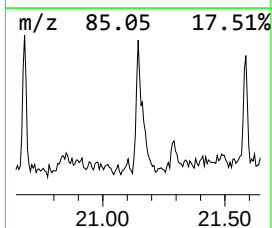
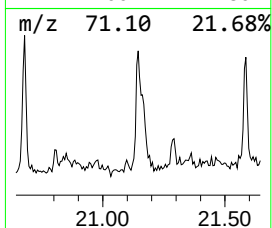
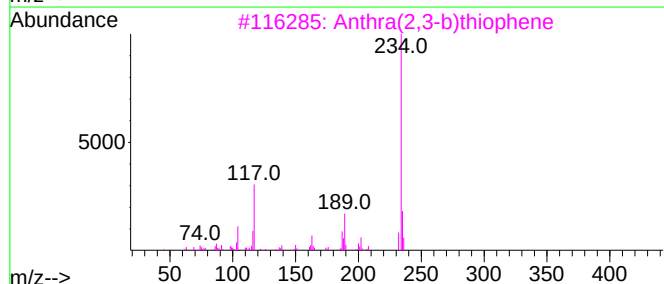
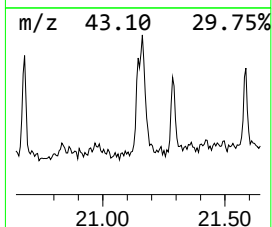
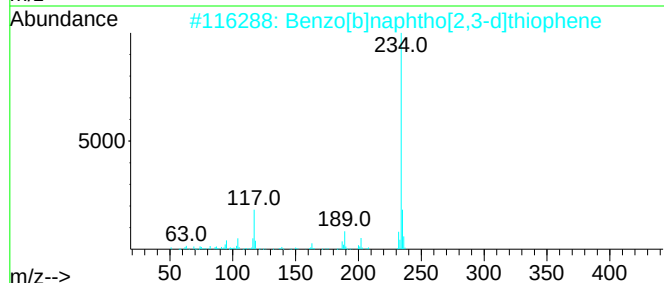
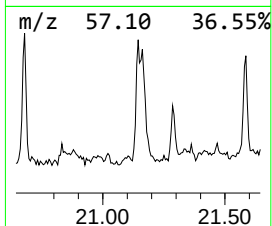
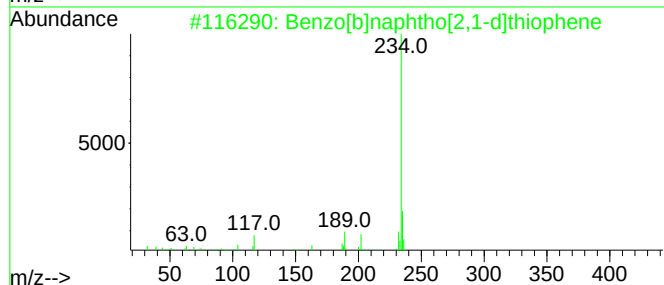
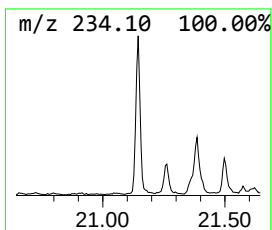
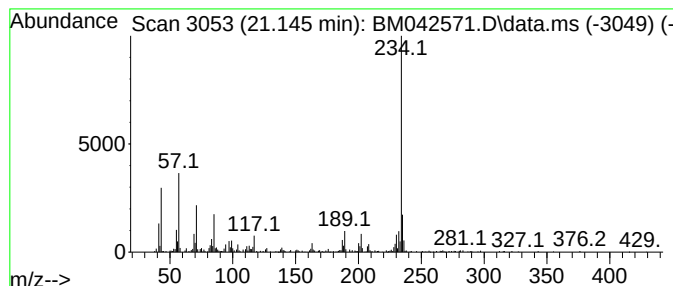
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.145	2.75 ng	233466	Chrysene-d12	21.497

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	89
3			Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	86
4			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	58
5			Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
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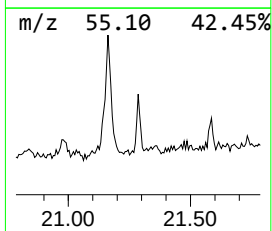
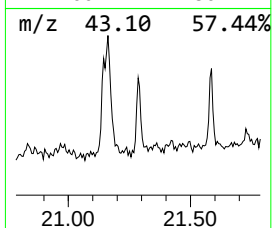
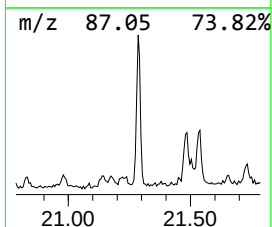
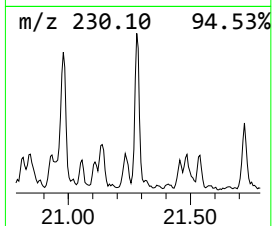
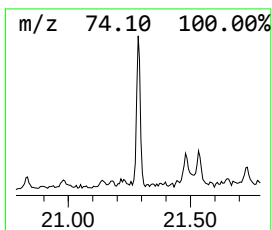
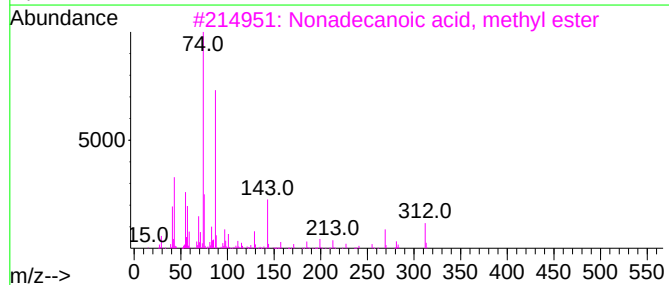
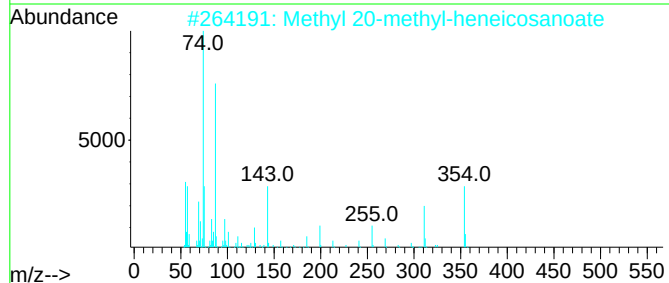
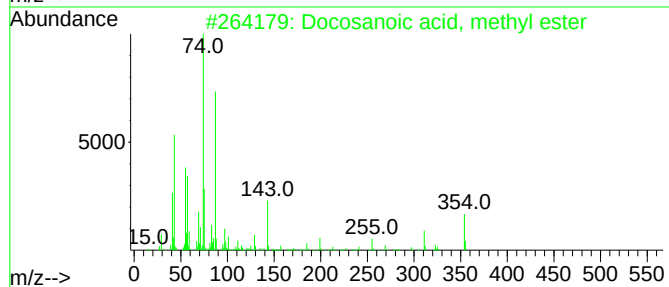
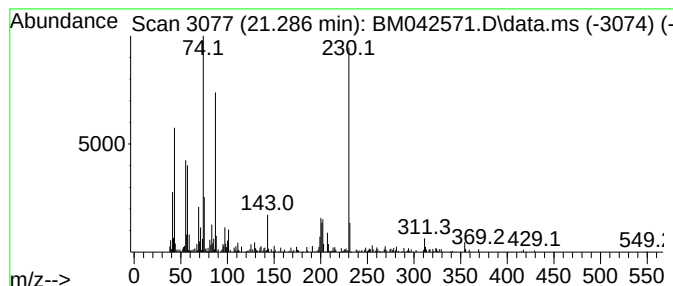
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Docosanoic acid, methyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.286	2.05 ng	174145	Chrysene-d12	21.497

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	96
2		Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	90
3		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	70
4		Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	55
5		Methyl stearate	298	C19H38O2	000112-61-8	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042571.D
Acq On : 03 Nov 2023 15:35
Operator : MA/JU
Sample : 05171-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-103123

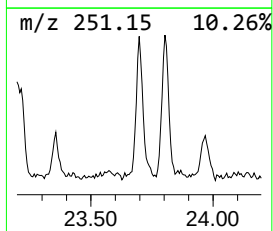
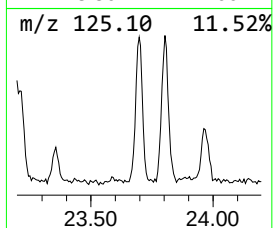
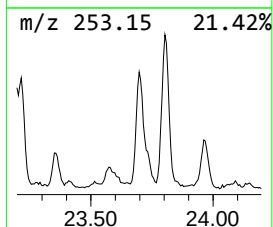
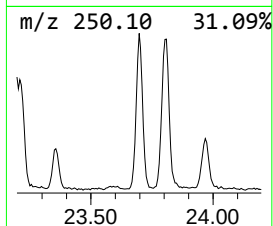
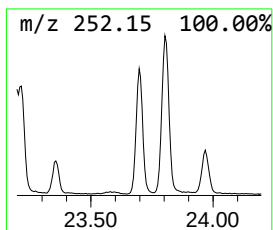
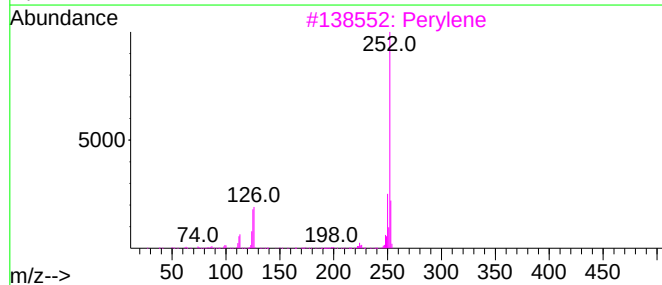
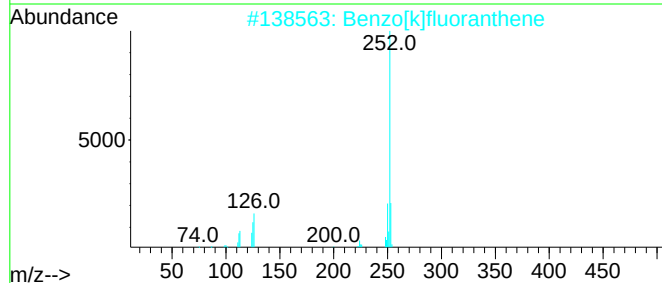
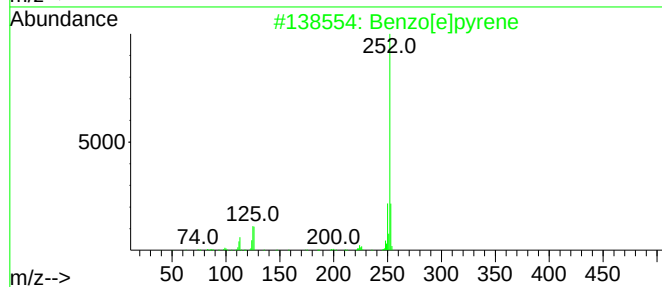
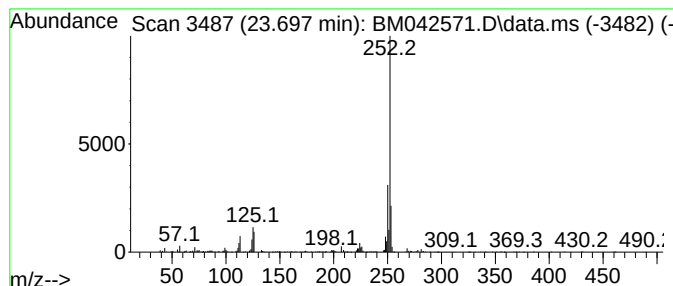
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.697	14.63 ng	558898	Perylene-d12	23.915

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3			Perylene	252	C20H12	000198-55-0	94
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
 Data File : BM042571.D
 Acq On : 03 Nov 2023 15:35
 Operator : MA/JU
 Sample : 05171-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-05-103123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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
2-Pentanone, 4-...	4.993	13.0	ng	231028	1	7.910	356409	20.0
Hexadecane	14.392	4.8	ng	141455	3	14.563	584230	20.0
Pentadecane, 7-...	15.339	6.0	ng	175066	3	14.563	584230	20.0
Heptadecane	16.204	7.2	ng	278234	4	17.315	770049	20.0
Nonadecane	16.998	4.4	ng	170537	4	17.315	770049	20.0
Nonadecane, 9-m...	17.739	4.9	ng	188483	4	17.315	770049	20.0
Hexadecanoic ac...	17.933	58.3	ng	2244650	4	17.315	770049	20.0
n-Hexadecanoic ...	18.168	25.3	ng	972333	4	17.315	770049	20.0
Phenanthrene, 1...	18.239	4.3	ng	164148	4	17.315	770049	20.0
4H-Cyclopenta[d...	18.386	5.2	ng	200733	4	17.315	770049	20.0
Heptacosane	18.433	4.9	ng	188415	4	17.315	770049	20.0
9,12-Octadecadi...	19.086	308.1	ng	11863500	4	17.315	770049	20.0
13-Octadecenoic...	19.115	171.0	ng	6583260	4	17.315	770049	20.0
Methyl stearate	19.245	28.3	ng	1088330	4	17.315	770049	20.0
Octadecanoic acid	19.445	5.6	ng	477452	5	21.497	1700980	20.0
Fluoranthene, 2...	20.227	3.4	ng	292066	5	21.497	1700980	20.0
11H-Benzo[b]flu...	20.333	3.4	ng	289826	5	21.497	1700980	20.0
Benzo[b]naphtho...	21.145	2.8	ng	233466	5	21.497	1700980	20.0
Docosanoic acid...	21.286	2.0	ng	174145	5	21.497	1700980	20.0
Benzo[e]pyrene	23.697	14.6	ng	558898	6	23.915	763854	20.0