

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
 Data File : BF142951.D
 Acq On : 01 Jul 2025 15:56
 Operator : RC/JU
 Sample : Q2447-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

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_F\Methods\8270-BF061925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142951.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.322	17	22	29	rVB	20931	33896	2.16%	0.241%
2	5.081	483	491	503	rVB	51829	74994	4.79%	0.534%
3	5.487	555	560	580	rVB	559998	747155	47.70%	5.316%
4	6.498	727	732	742	rBV	530800	682038	43.55%	4.852%
5	6.869	791	795	801	rBV	213810	271463	17.33%	1.931%
6	7.434	886	891	901	rBV	357965	444396	28.37%	3.162%
7	8.157	1009	1014	1019	rBV	252533	310540	19.83%	2.209%
8	9.228	1191	1196	1202	rBV	656532	844271	53.90%	6.007%
9	9.628	1260	1264	1267	rBV3	23829	38091	2.43%	0.271%
10	9.663	1267	1270	1276	rVV7	15371	32777	2.09%	0.233%
11	9.781	1286	1290	1292	rBV4	26920	41460	2.65%	0.295%
12	9.822	1294	1297	1300	rVB4	25428	37959	2.42%	0.270%
13	9.910	1307	1312	1316	rBV	250950	338074	21.59%	2.405%
14	10.704	1443	1447	1452	rBV	335491	469049	29.95%	3.337%
15	10.828	1465	1468	1475	rVB	217512	285567	18.23%	2.032%
16	11.292	1544	1547	1552	rVB	265007	353451	22.57%	2.515%
17	11.404	1563	1566	1578	rVB	276541	419450	26.78%	2.984%
18	11.933	1652	1656	1664	rVB	445364	624471	39.87%	4.443%
19	12.716	1785	1789	1796	rBV	306392	430822	27.51%	3.065%
20	12.986	1831	1835	1843	rVB	696218	984655	62.87%	7.005%
21	14.045	2011	2015	2022	rVB	294073	432498	27.61%	3.077%
22	14.892	2157	2159	2163	rVB2	23303	27423	1.75%	0.195%
23	14.968	2167	2172	2178	rVB	556190	773907	49.41%	5.506%
24	15.098	2190	2194	2201	rBV	41723	85301	5.45%	0.607%
25	15.198	2206	2211	2230	rVB	691020	1566235	100.00%	11.143%
26	15.410	2243	2247	2253	rVB	36751	63424	4.05%	0.451%
27	15.474	2254	2258	2263	rVV	29550	50336	3.21%	0.358%
28	15.539	2263	2269	2279	rVB	279021	450639	28.77%	3.206%
29	15.757	2300	2306	2318	rVB	244793	418850	26.74%	2.980%
30	15.998	2340	2347	2353	rBV	281986	492002	31.41%	3.500%
31	16.063	2353	2358	2373	rBV2	137953	456115	29.12%	3.245%
32	16.245	2386	2389	2393	rBV4	13040	22399	1.43%	0.159%
33	16.457	2418	2425	2432	rBV9	34116	107848	6.89%	0.767%
34	16.815	2479	2486	2496	rVB	107661	228370	14.58%	1.625%
35	17.121	2520	2538	2546	rBV2	94456	364829	23.29%	2.596%
36	17.245	2550	2559	2567	rBV9	49493	202823	12.95%	1.443%

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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_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.380	2576	2582	2592	rVB5	73708	185255	11.83%	1.318%
38	17.651	2620	2628	2647	rVB4	75582	297319	18.98%	2.115%
39	17.915	2669	2673	2678	rVB2	20844	35646	2.28%	0.254%
40	18.151	2703	2713	2719	rBV2	43162	155353	9.92%	1.105%
41	18.680	2796	2803	2819	rVB3	58668	174548	11.14%	1.242%

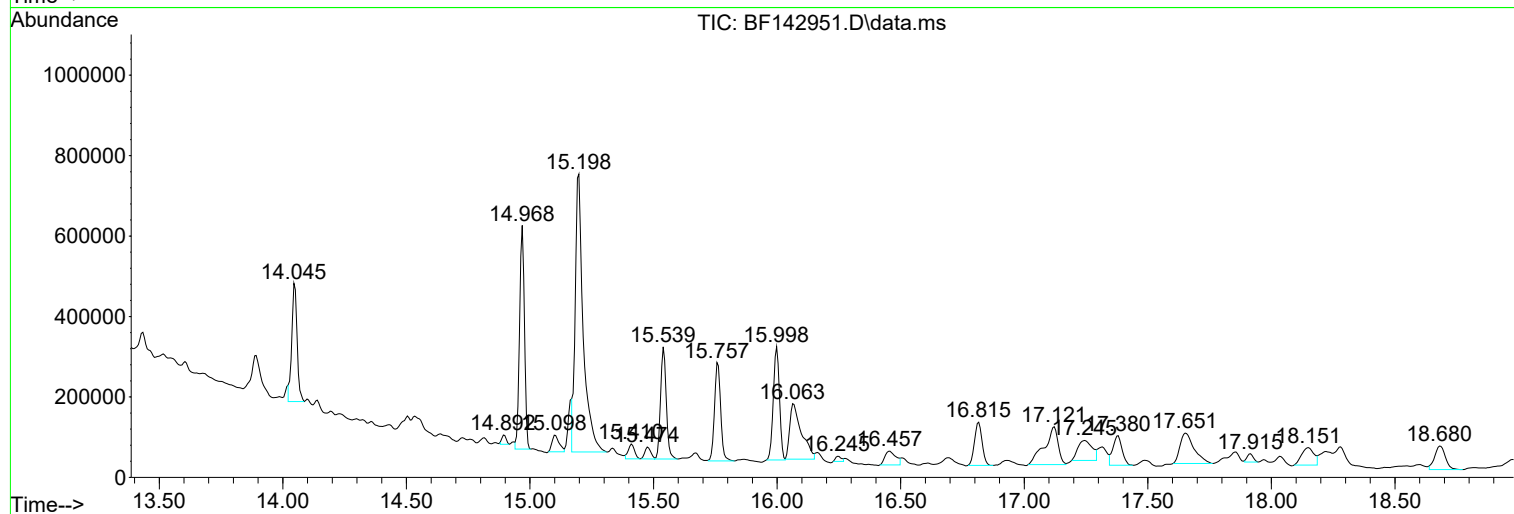
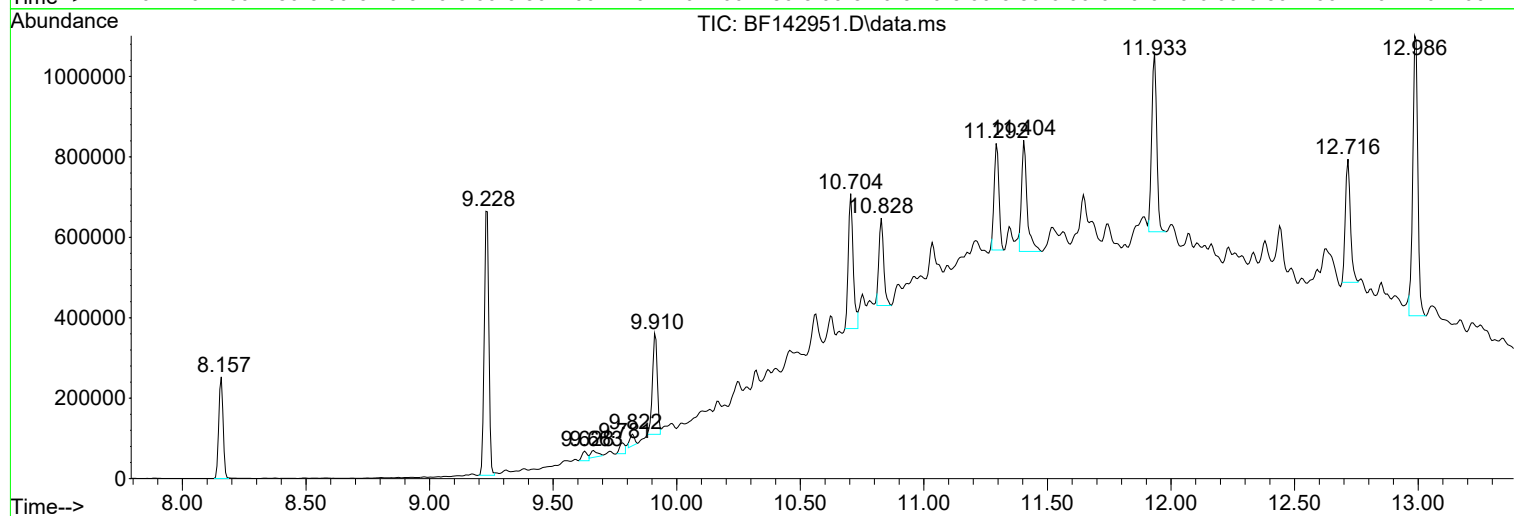
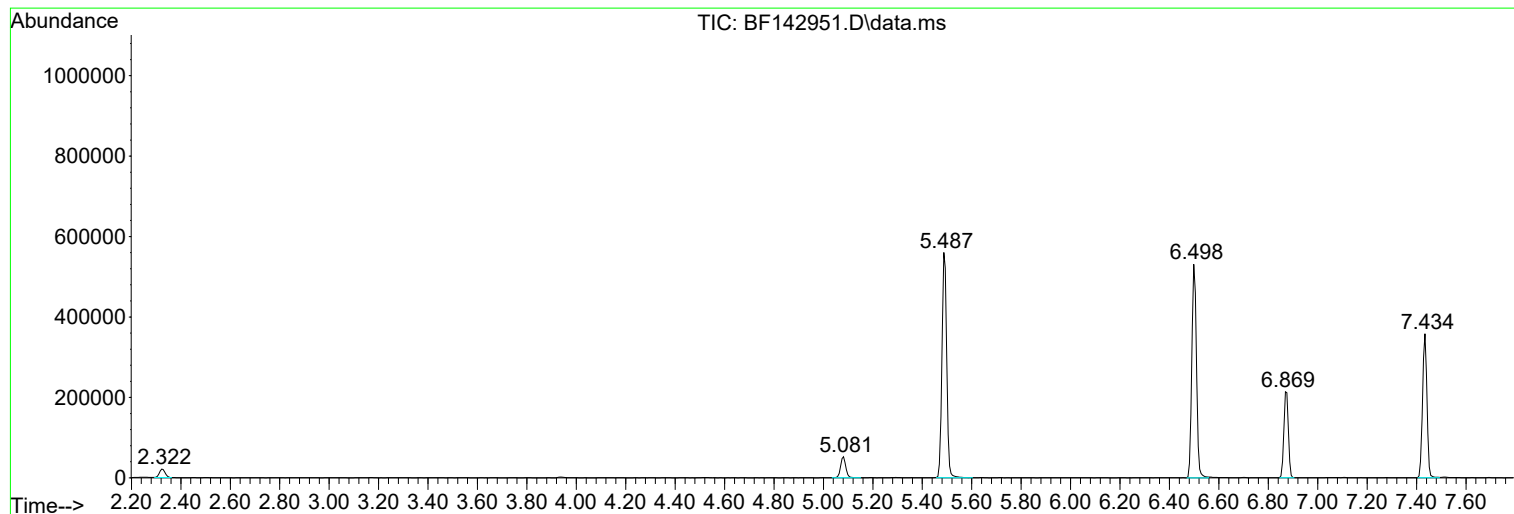
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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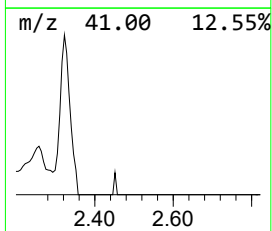
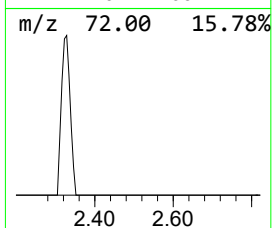
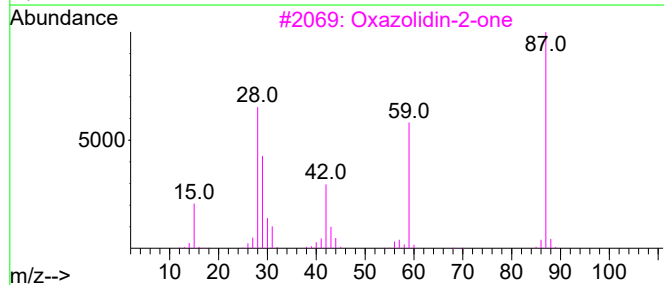
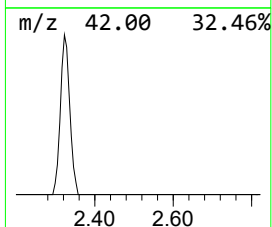
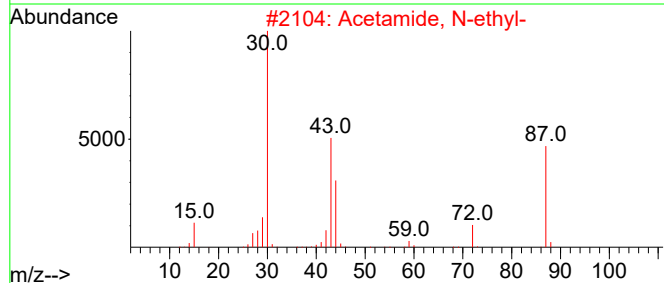
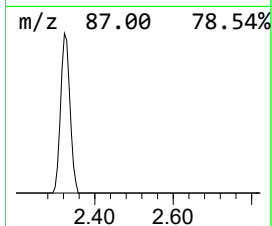
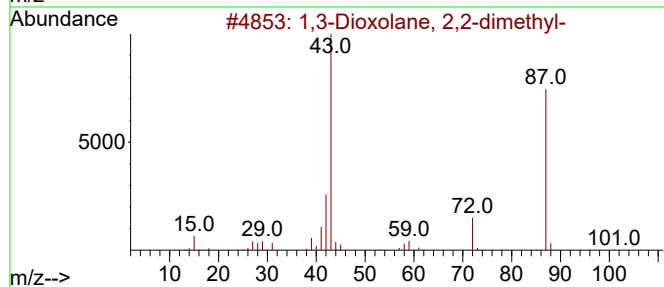
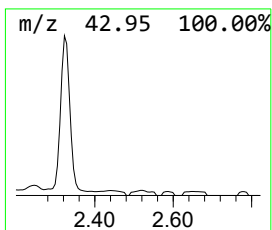
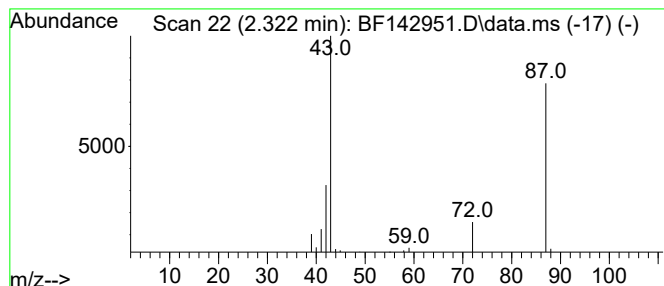
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1,3-Dioxolane, 2,2-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.322	2.50 ng	33896	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dioxolane, 2,2-dimethyl-	102	C5H10O2	002916-31-6	83
2			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	72
3			Oxazolidin-2-one	87	C3H5NO2	000497-25-6	45
4			Isobutane	58	C4H10	000075-28-5	9
5			N,N-Dimethylacetamide	87	C4H9NO	000127-19-5	9



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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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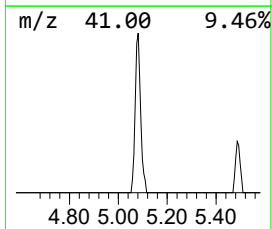
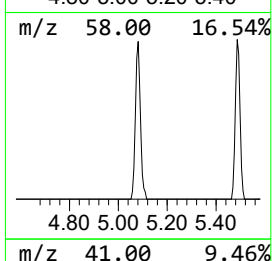
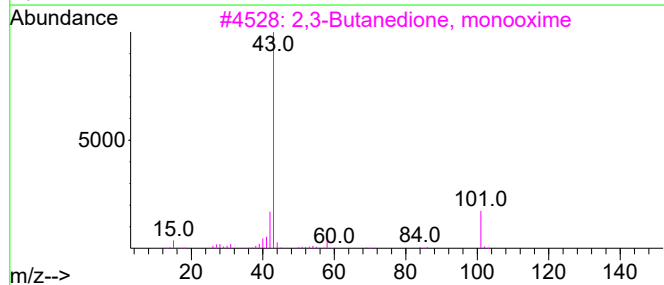
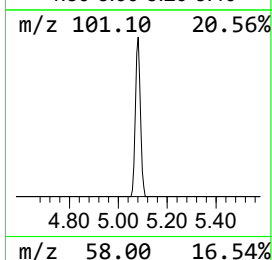
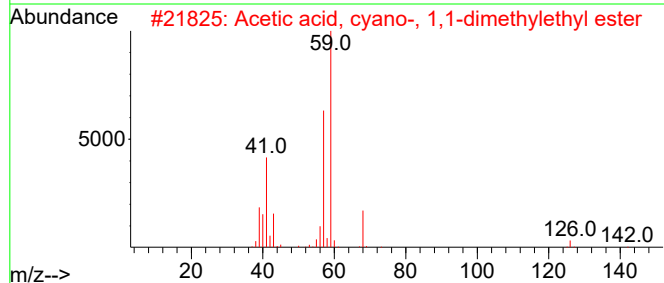
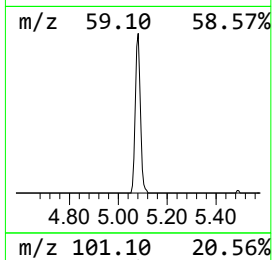
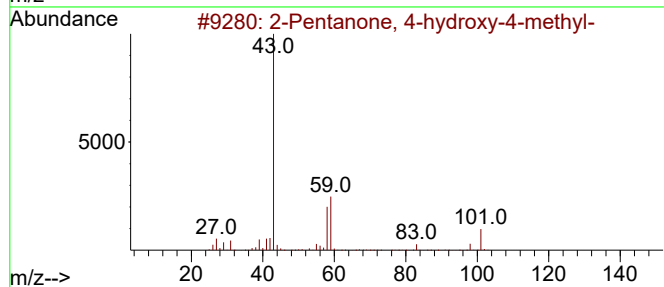
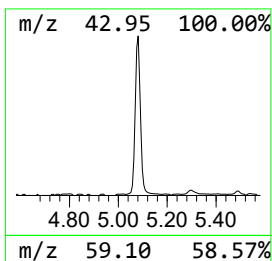
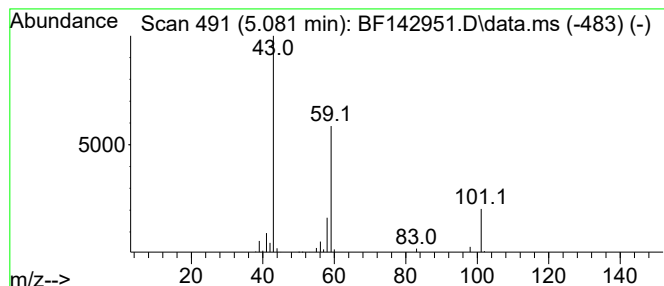
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	5.53 ng	74994	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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Misc :
ALS Vial : 12 Sample Multiplier: 1

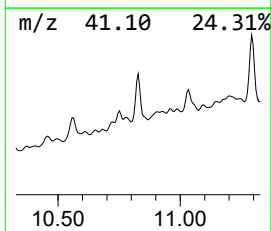
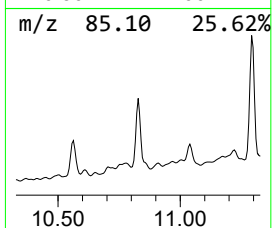
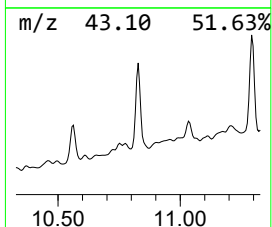
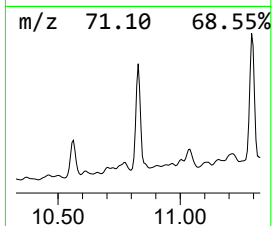
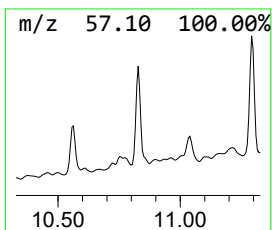
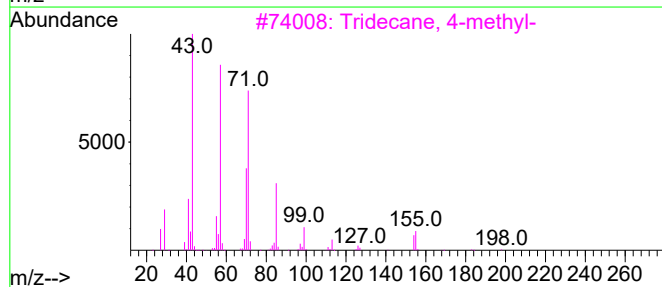
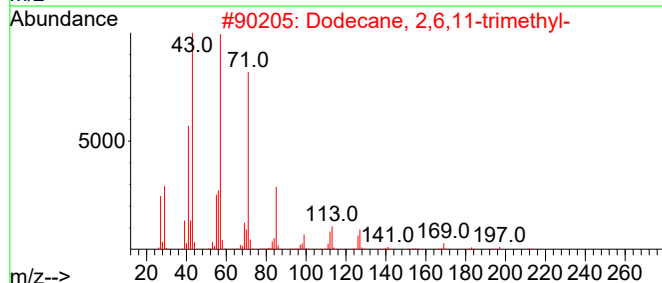
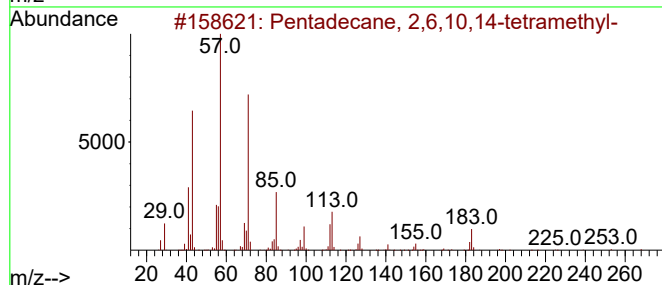
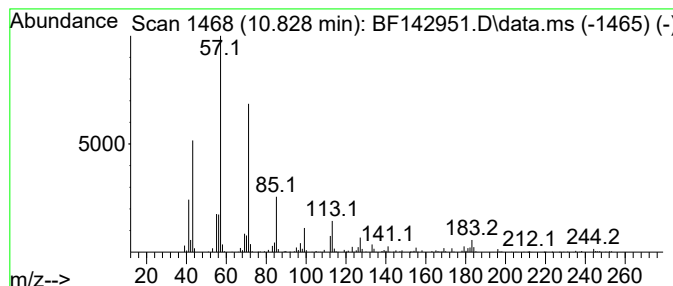
Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Pentadecane, 2,6,10,14-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.828	13.62 ng	285567	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	87
2	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	86
3	Tridecane, 4-methyl-		198	C14H30	026730-12-1	81
4	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	72
5	Tridecane, 3-ethyl-		212	C15H32	013286-73-2	68



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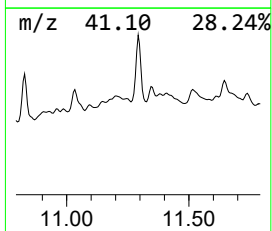
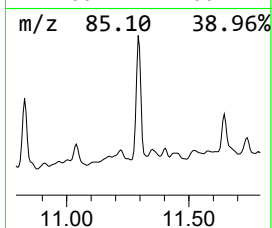
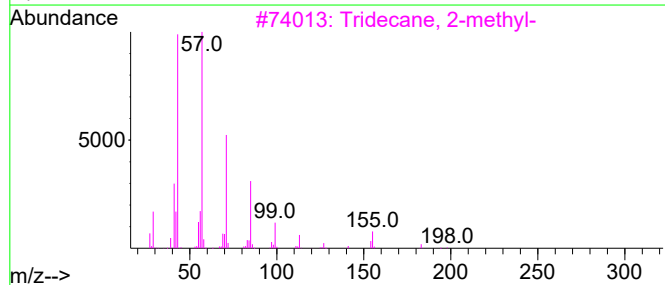
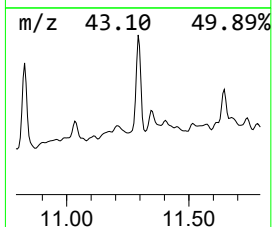
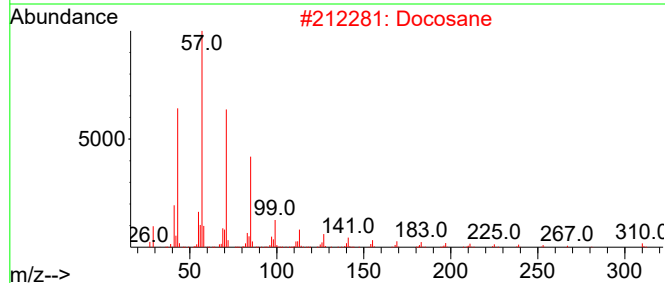
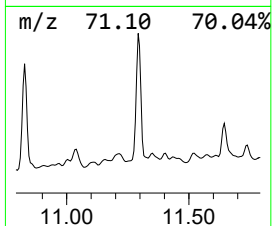
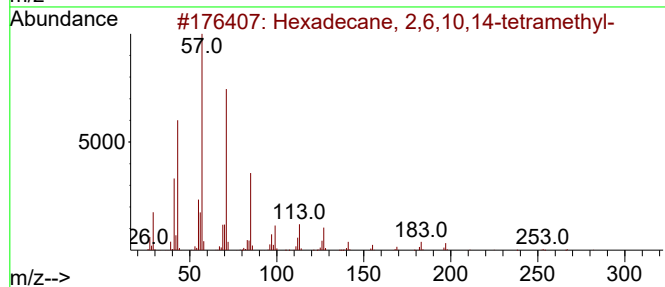
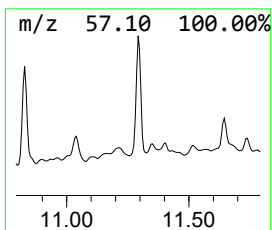
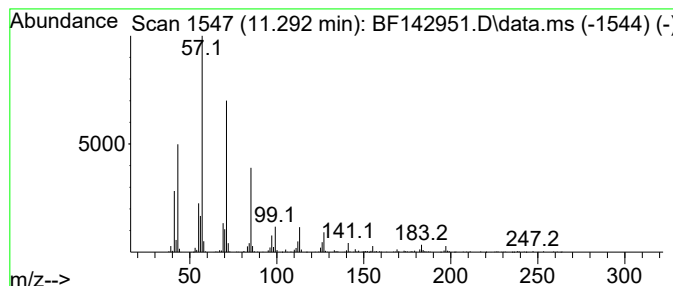
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	16.85 ng	353451	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2			Docosane	310	C22H46	000629-97-0	90
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5			Heptacosane	380	C27H56	000593-49-7	86



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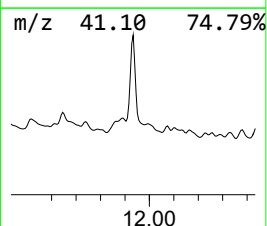
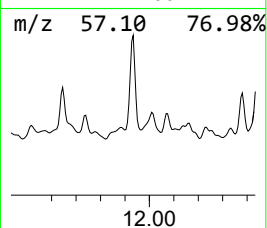
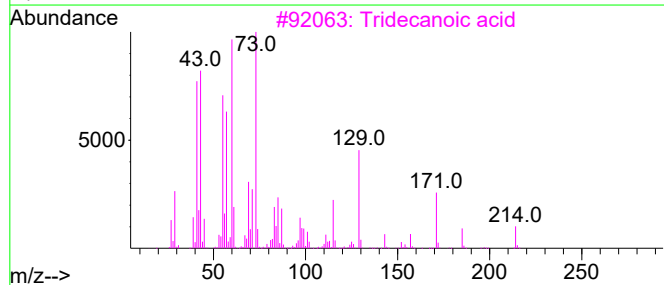
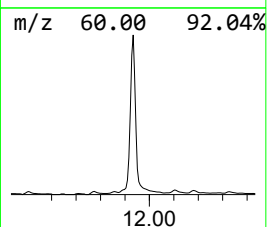
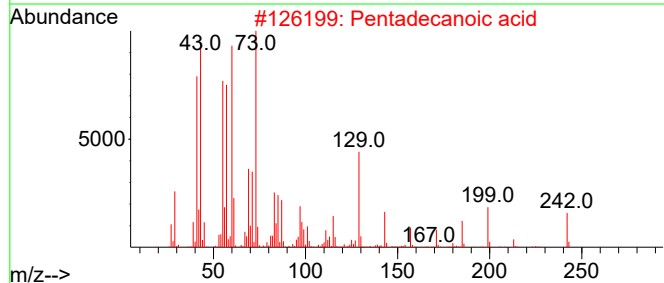
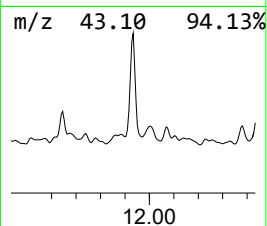
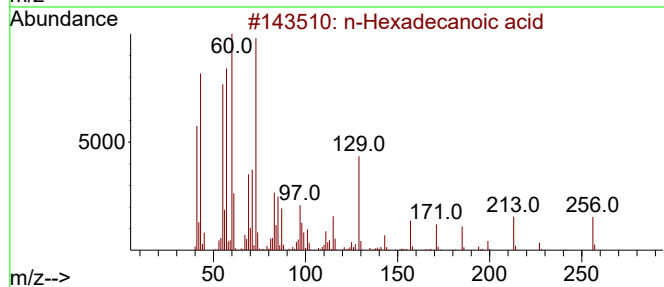
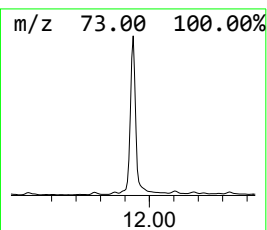
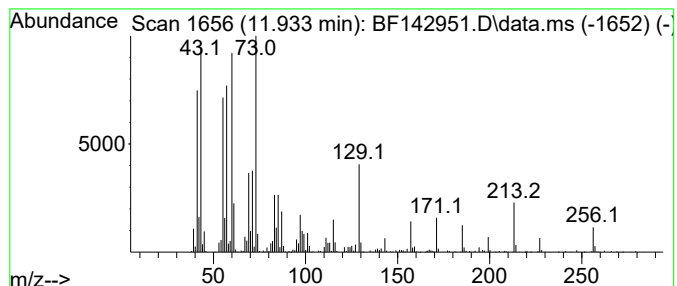
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	29.78 ng	624471	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Undecanoic acid	186	C11H22O2	000112-37-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142951.D
Acq On : 01 Jul 2025 15:56
Operator : RC/JU
Sample : Q2447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

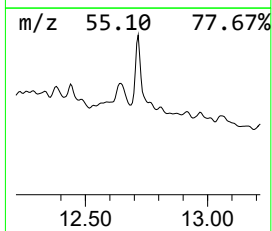
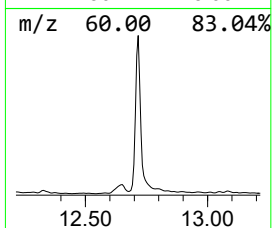
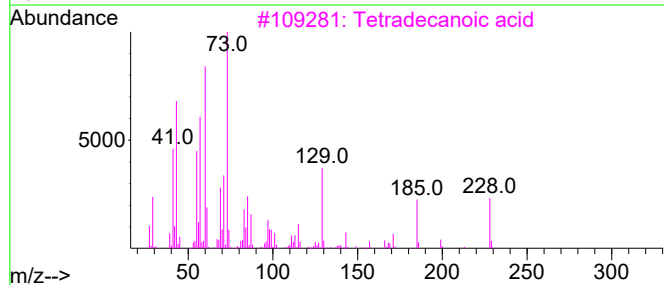
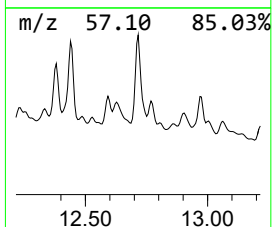
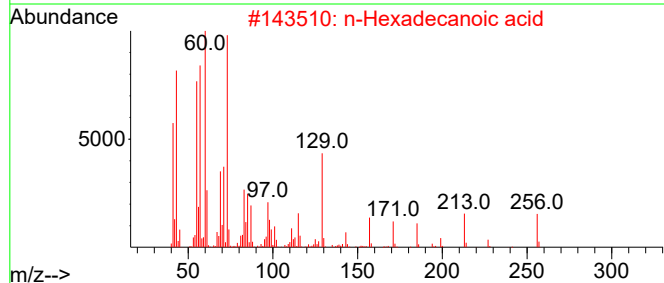
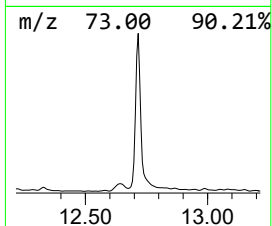
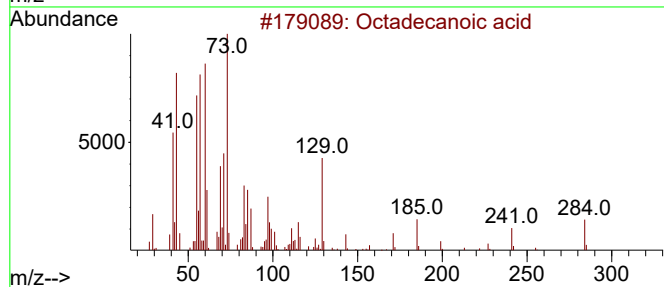
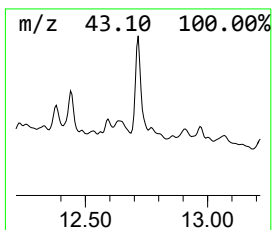
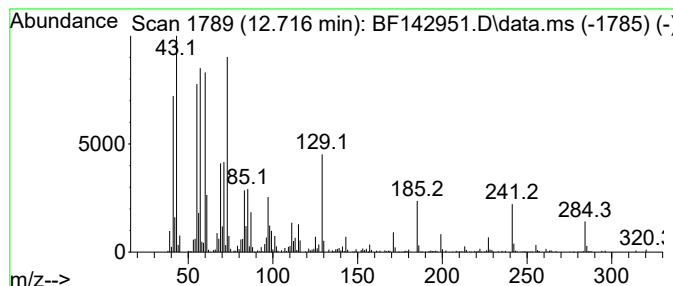
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.716	20.54 ng	430822	Phenanthrene-d10		11.404	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecanoic acid		284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	86
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	74
4	Tridecanoic acid		214	C13H26O2	000638-53-9	62
5	Undecanoic acid		186	C11H22O2	000112-37-8	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142951.D
Acq On : 01 Jul 2025 15:56
Operator : RC/JU
Sample : Q2447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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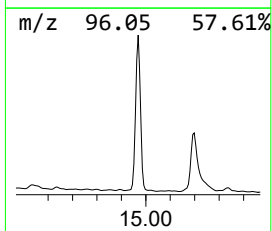
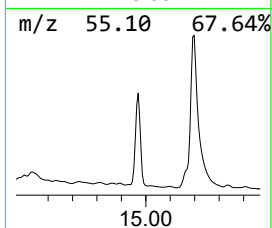
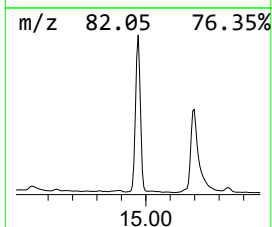
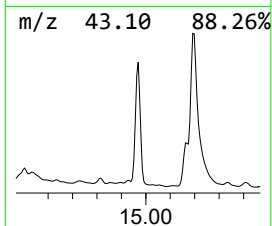
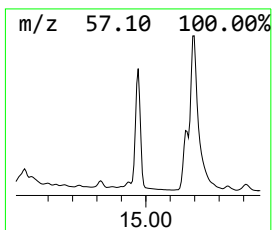
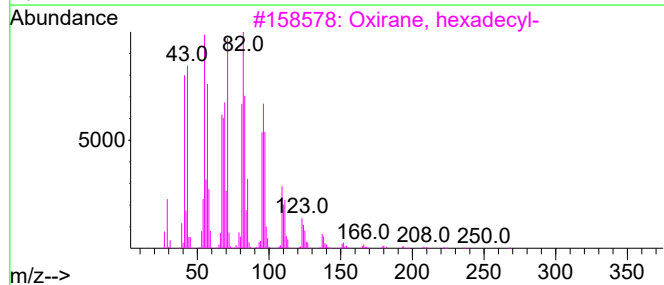
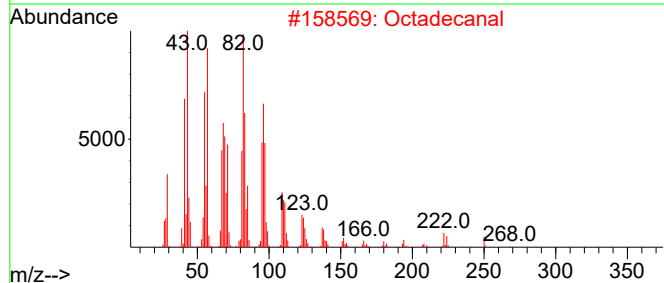
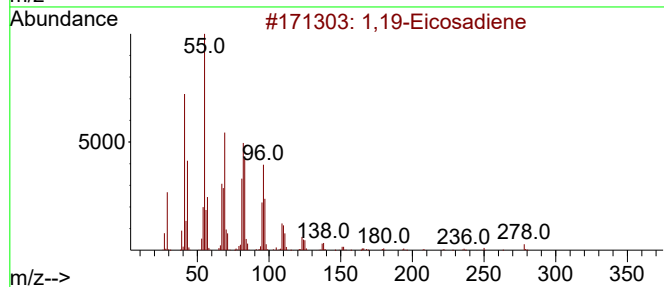
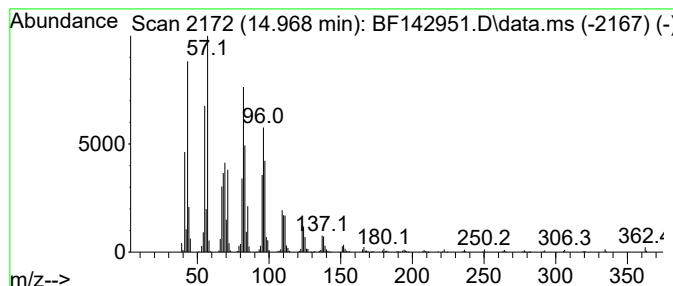
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,19-Eicosadiene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.969	34.35 ng	773907	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene			278	C20H38	014811-95-1	92
2	Octadecanal			268	C18H36O	000638-66-4	91
3	Oxirane, hexadecyl-			268	C18H36O	007390-81-0	91
4	17-Octadecenal			266	C18H34O	056554-86-0	91
5	Eicosanal-			296	C20H40O	002400-66-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142951.D
Acq On : 01 Jul 2025 15:56
Operator : RC/JU
Sample : Q2447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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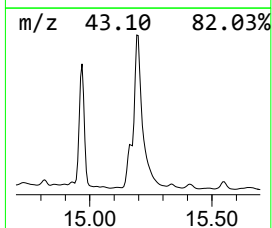
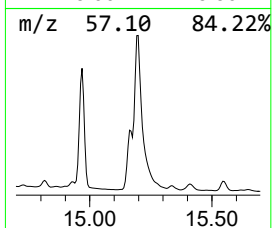
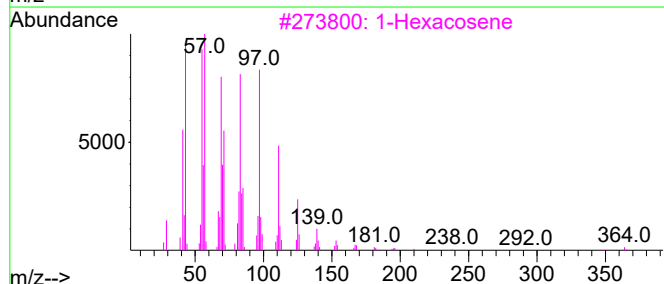
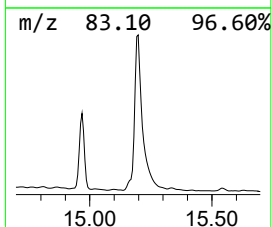
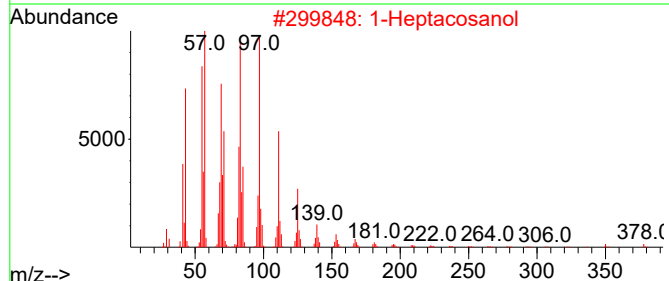
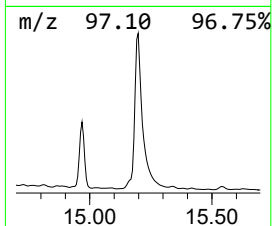
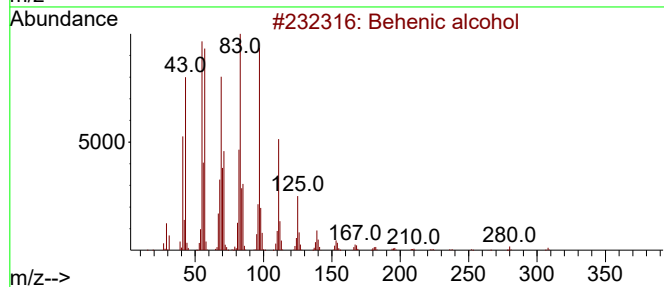
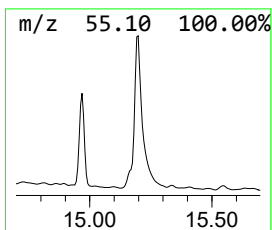
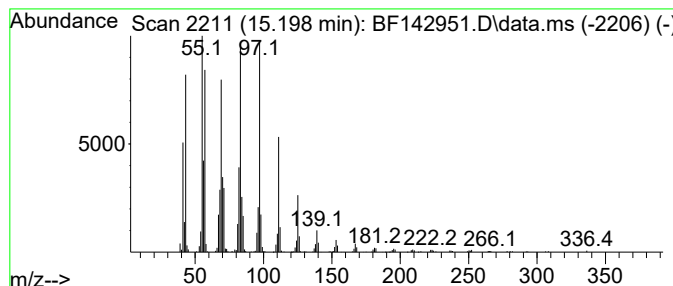
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Behenic alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	69.51 ng	1566240	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	94
2			1-Heptacosanol	396	C27H56O	002004-39-9	94
3			1-Hexacosene	364	C26H52	018835-33-1	93
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5			1-Hexacosanol	382	C26H54O	000506-52-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142951.D
Acq On : 01 Jul 2025 15:56
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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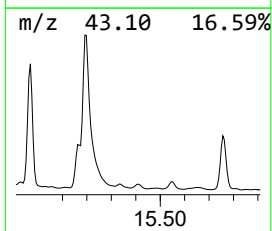
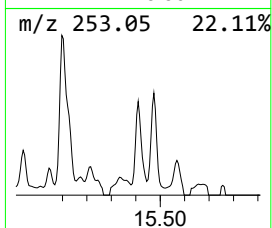
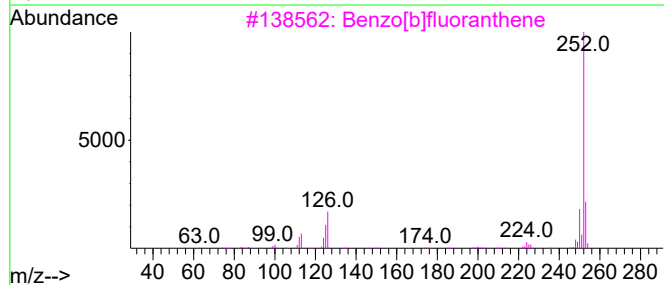
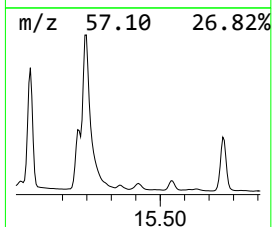
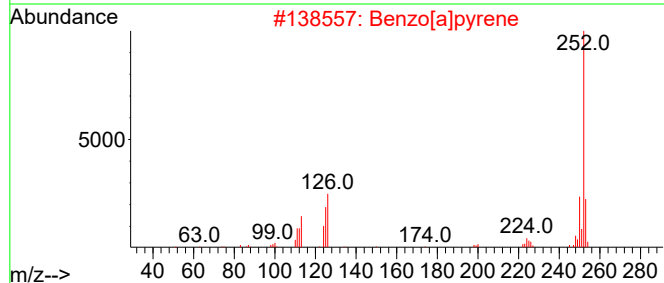
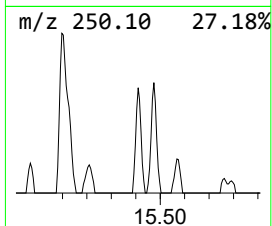
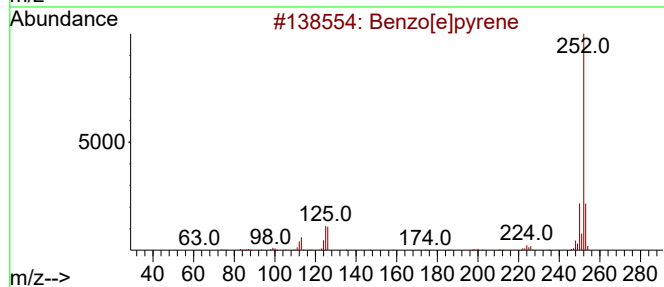
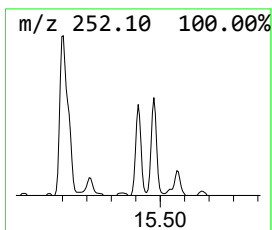
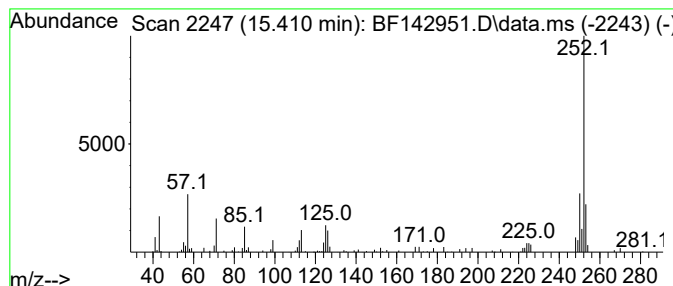
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	2.81 ng	63424	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Benzo[a]pyrene	252	C20H12	000050-32-8	91
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5			Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142951.D
Acq On : 01 Jul 2025 15:56
Operator : RC/JU
Sample : Q2447-01
Misc :
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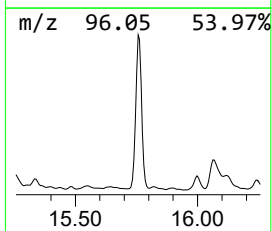
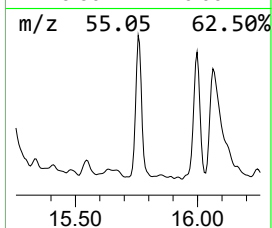
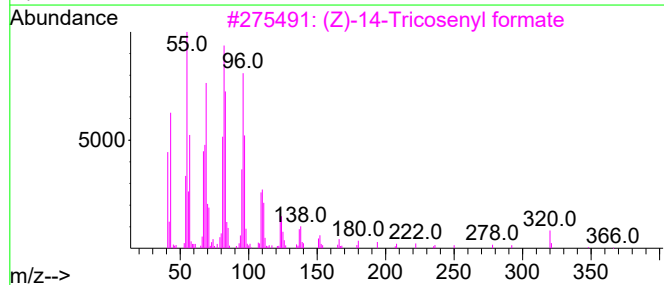
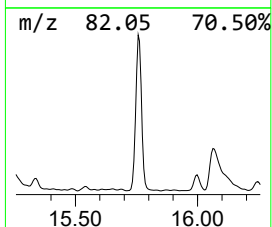
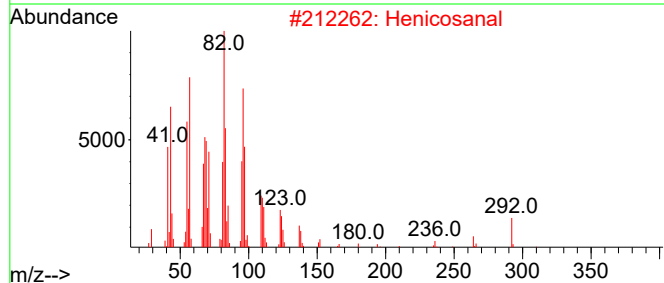
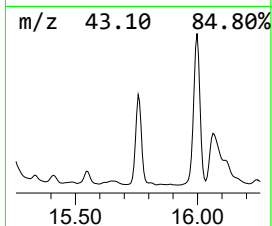
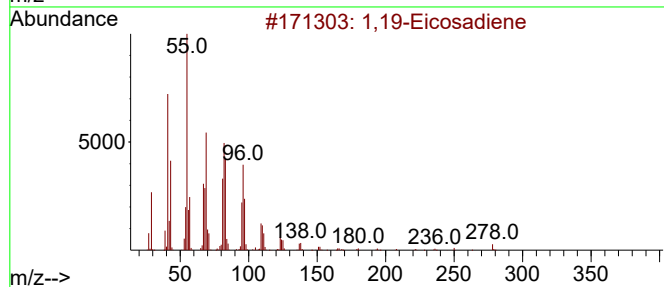
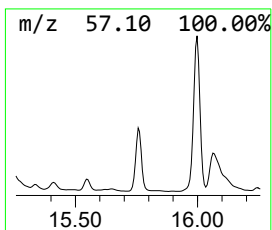
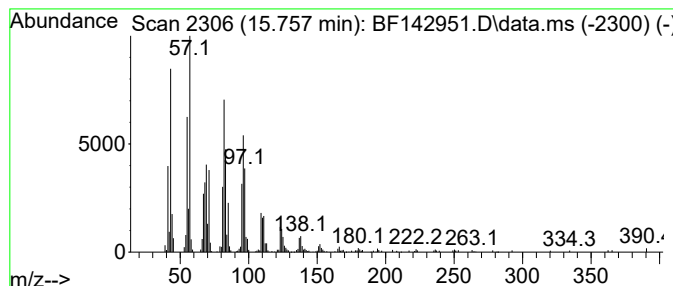
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Henicosanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.757	18.59 ng	418850	Perylene-d12	15.539	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Henicosanal	310	C21H42O	051227-32-8	94
3	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	93
4	Tricosanal	338	C23H46O	072934-02-2	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142951.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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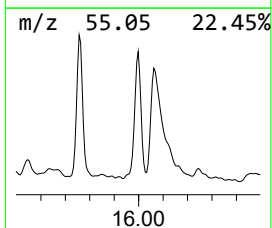
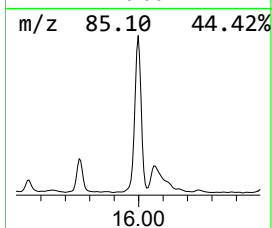
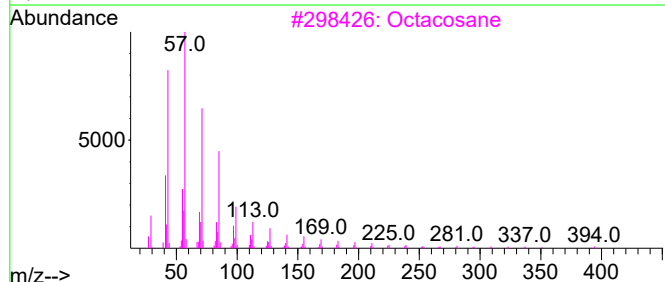
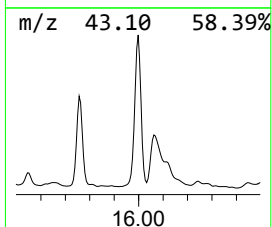
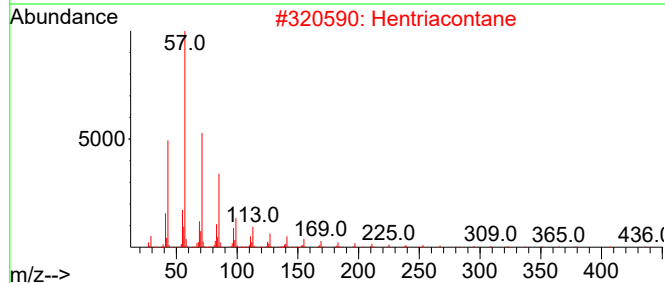
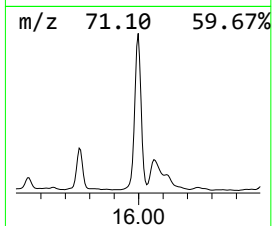
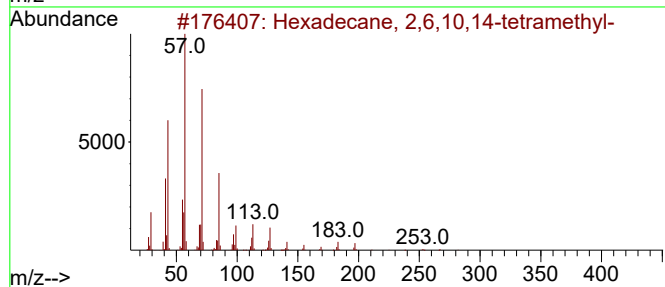
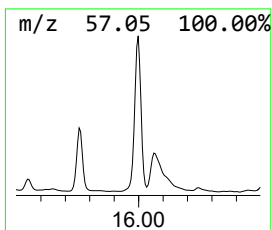
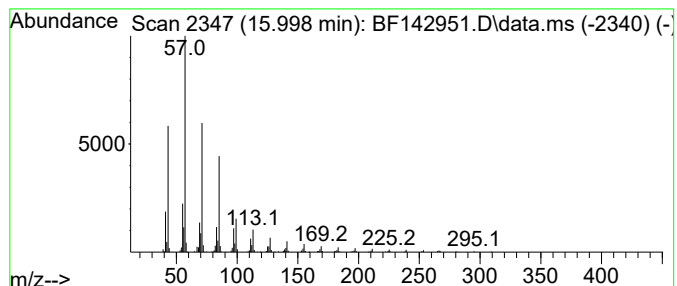
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hentriacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.998	21.84 ng	492002	Perylene-d12	15.539

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142951.D
Acq On : 01 Jul 2025 15:56
Operator : RC/JU
Sample : Q2447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

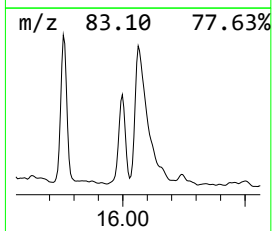
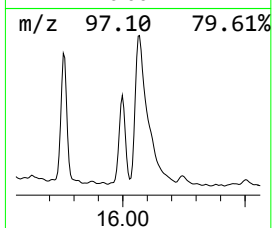
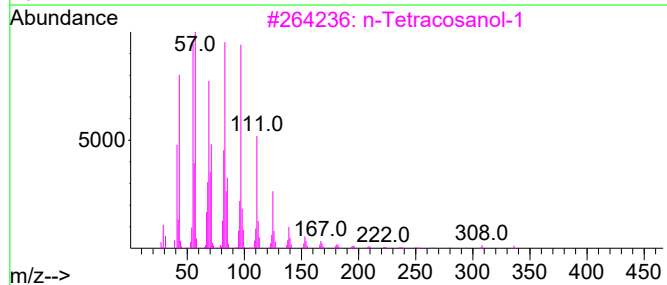
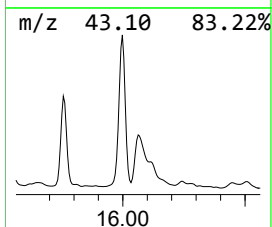
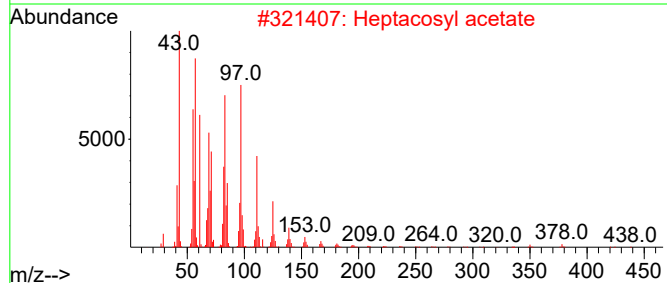
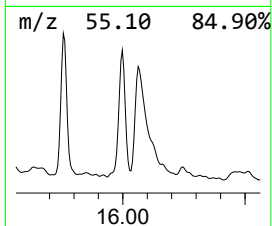
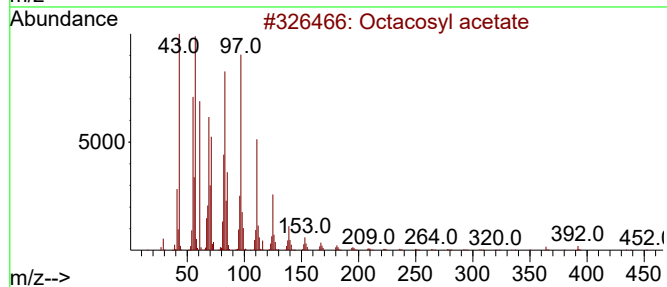
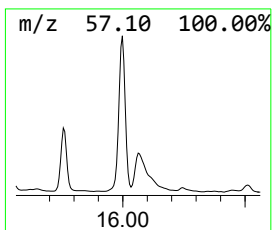
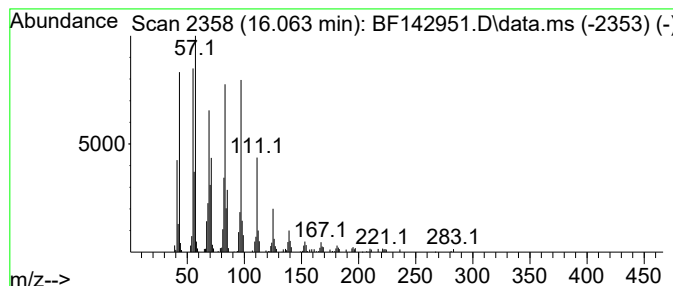
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octacosyl acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.063	20.24 ng	456115	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosyl acetate	452	C30H60O2	018206-97-8	95
2			Heptacosyl acetate	438	C29H58O2	1000351-78-2	95
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4			1-Hexacosene	364	C26H52	018835-33-1	95
5			Behenic alcohol	326	C22H46O	000661-19-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142951.D
Acq On : 01 Jul 2025 15:56
Operator : RC/JU
Sample : Q2447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

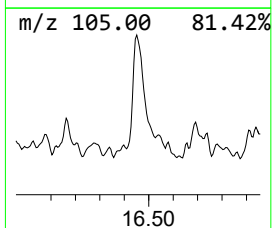
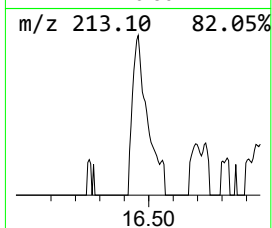
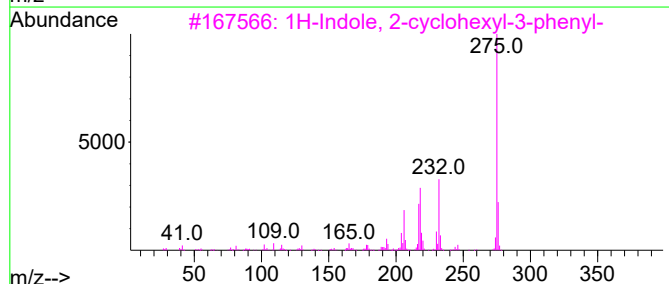
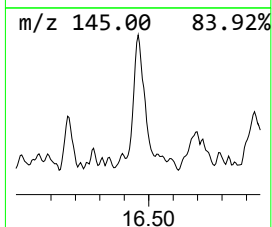
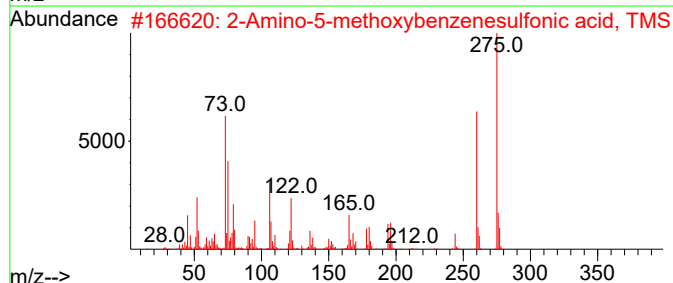
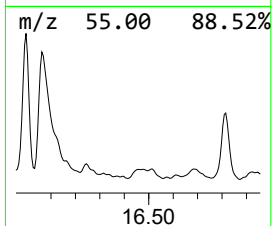
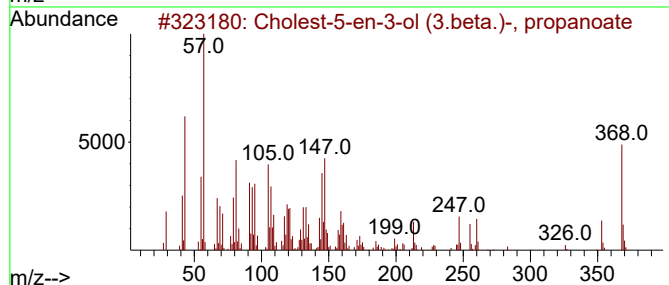
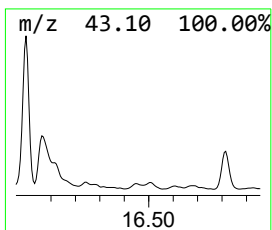
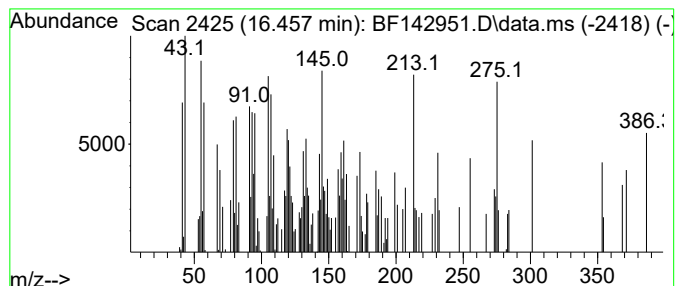
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown16.457 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.457	4.79 ng	107848	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cholest-5-en-3-ol (3.beta.)-, pr...	442	C30H50O2	000633-31-8	18
2			2-Amino-5-methoxybenzenesulfonic...	275	C10H17N04SSi	1000509-94-7	11
3			1H-Indole, 2-cyclohexyl-3-phenyl-	275	C20H21N	1010163-87-0	11
4			5-Cyclopropyl-4-(2,3-dihydro-1,4...	275	C13H13N3O2S	1000410-05-6	11
5			Cholest-5-en-3-ol (3.beta.)-, ac...	428	C29H48O2	000604-35-3	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142951.D
Acq On : 01 Jul 2025 15:56
Operator : RC/JU
Sample : Q2447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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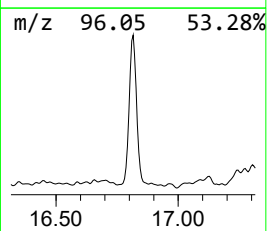
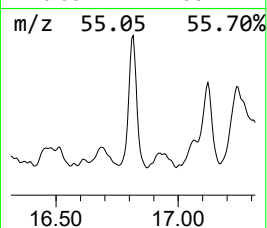
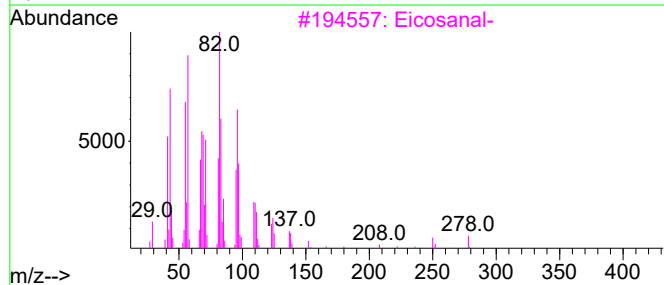
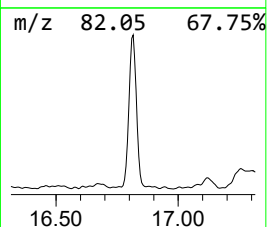
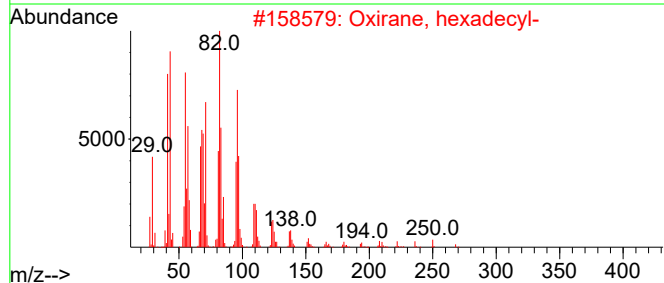
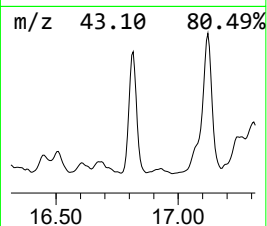
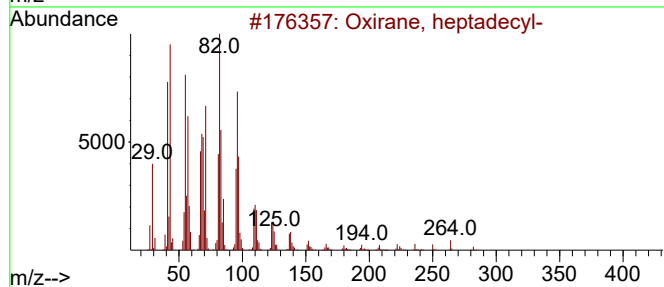
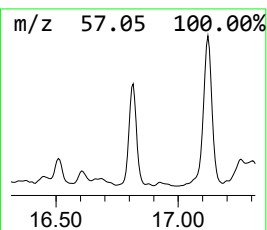
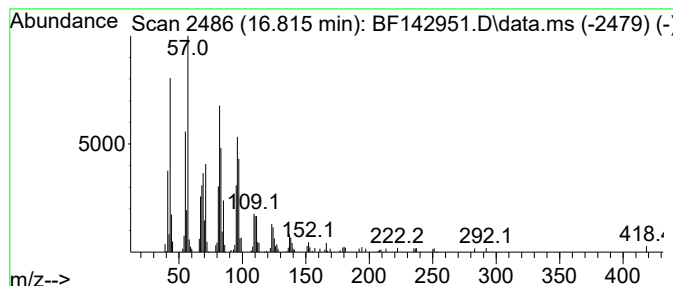
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Oxirane, heptadecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.815	10.14 ng	228370	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3			Eicosanal-	296	C20H40O	002400-66-0	87
4			(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	76
5			Hexacosanal	380	C26H52O	026627-85-0	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142951.D
Acq On : 01 Jul 2025 15:56
Operator : RC/JU
Sample : Q2447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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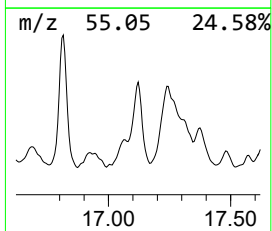
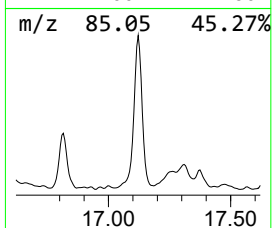
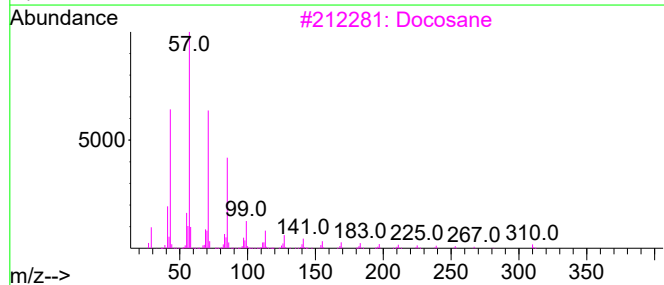
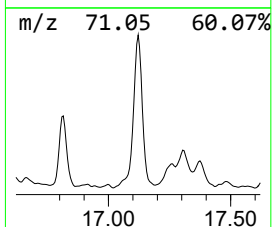
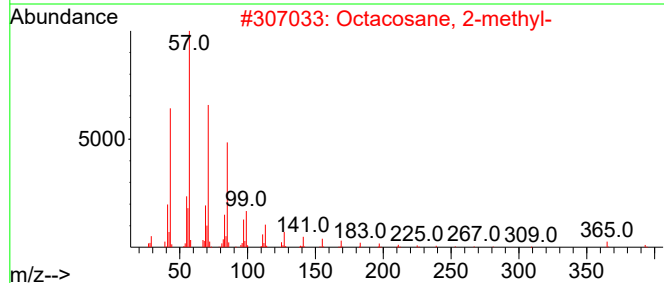
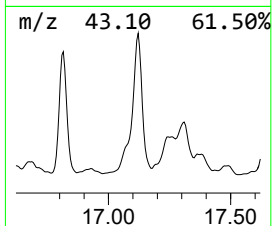
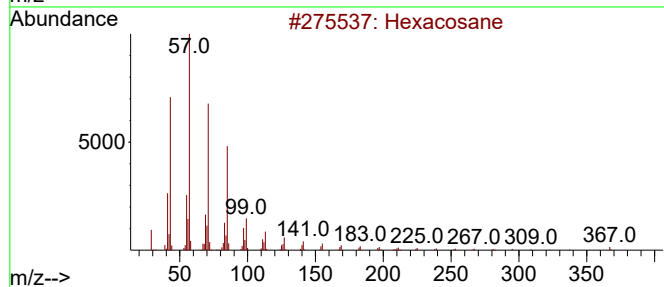
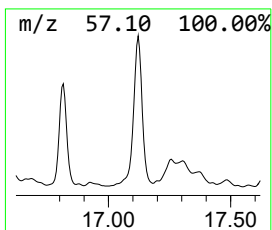
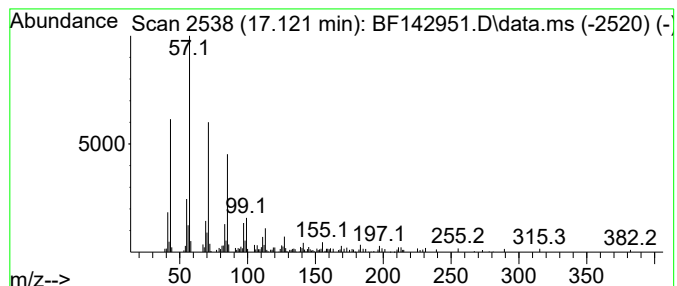
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.121	16.19 ng	364829	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
3			Docosane	310	C22H46	000629-97-0	90
4			Octadecane	254	C18H38	000593-45-3	90
5			Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142951.D
Acq On : 01 Jul 2025 15:56
Operator : RC/JU
Sample : Q2447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

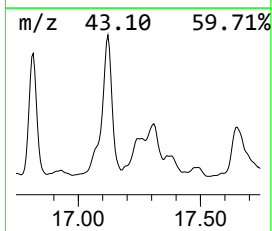
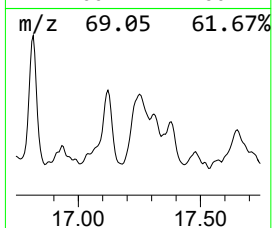
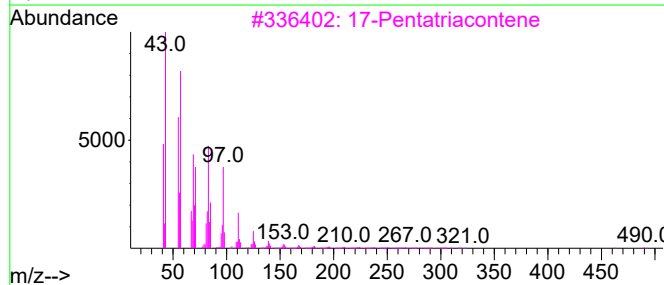
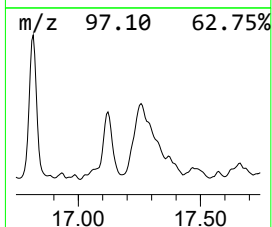
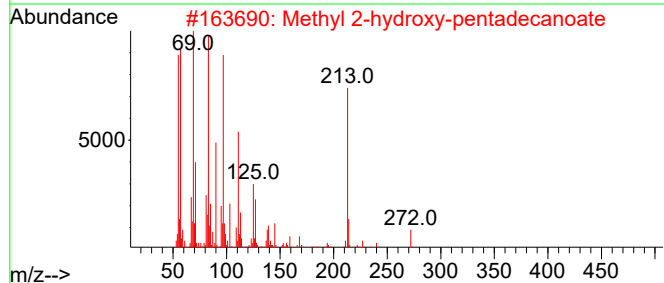
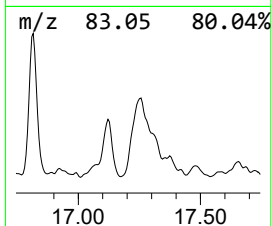
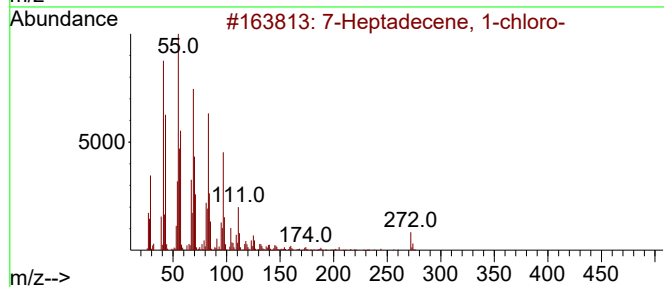
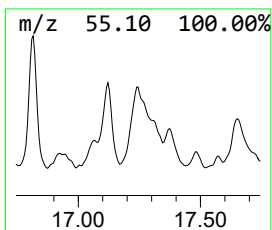
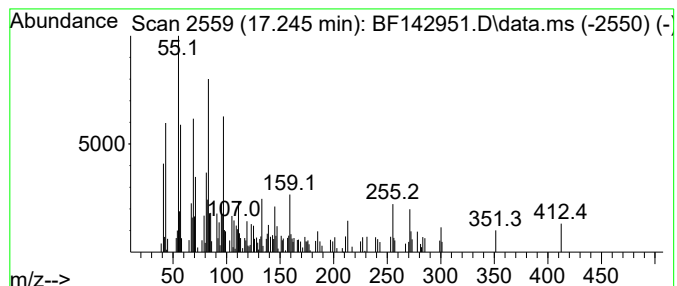
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown17.245 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.245	9.00 ng	202823	Perylene-d12	15.539

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	49
2		Methyl 2-hydroxy-pentadecanoate	272	C16H32O3	1000336-35-7	46
3		17-Pentatriacontene	491	C35H70	006971-40-0	45
4		Dodecane, 1-cyclopentyl-4-(3-cyc...	348	C25H48	007225-68-5	43
5		Indole-1-carboxylic acid, 2-isop...	299	C19H25NO2	1000210-71-4	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142951.D
Acq On : 01 Jul 2025 15:56
Operator : RC/JU
Sample : Q2447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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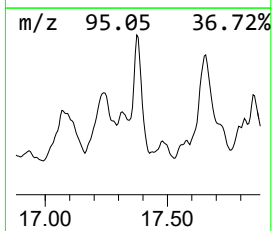
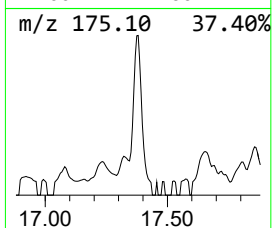
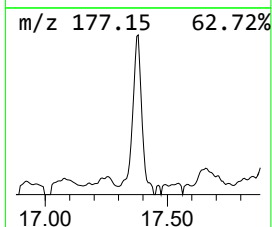
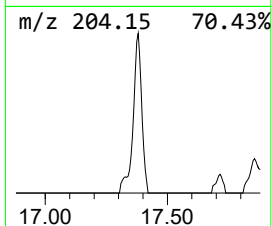
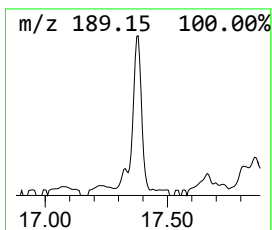
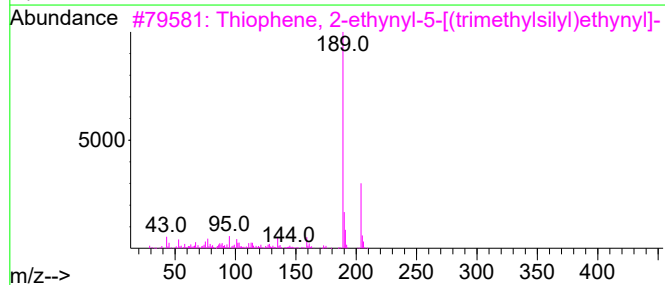
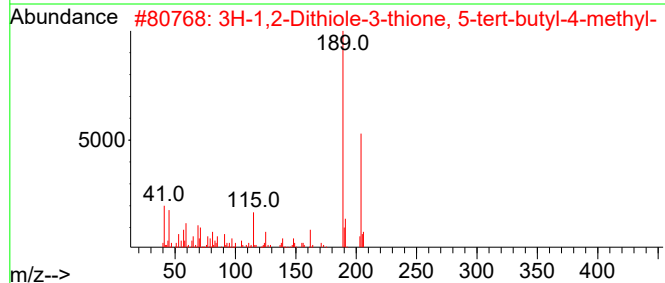
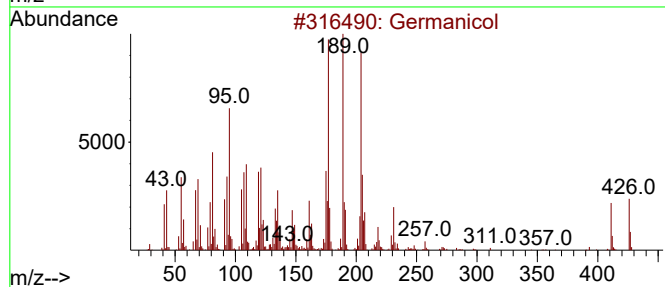
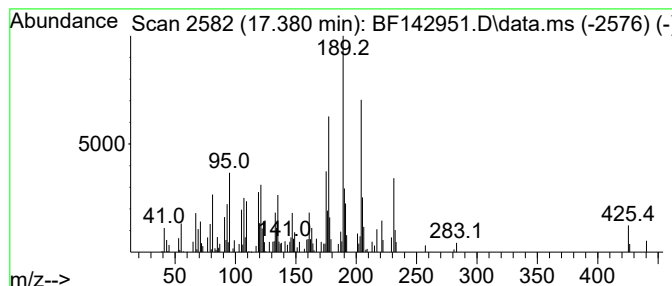
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Germanicol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.380	8.22 ng	185255	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Germanicol	426	C30H50O	000465-02-1	52
2			3H-1,2-Dithiole-3-thione, 5-tert...	204	C8H12S3	013120-76-8	46
3			Thiophene, 2-ethynyl-5-[(trimeth...	204	C11H12SSi	182323-29-1	46
4			Betulinaldehyde	440	C30H48O2	013159-28-9	44
5			2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	207297-57-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142951.D
Acq On : 01 Jul 2025 15:56
Operator : RC/JU
Sample : Q2447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

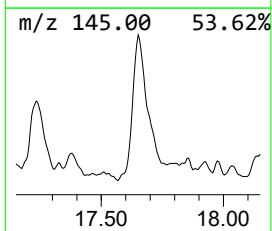
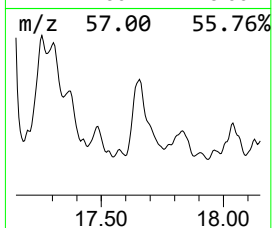
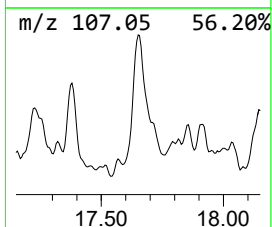
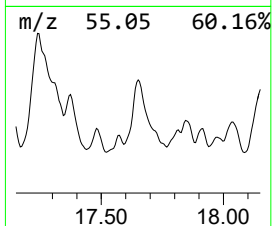
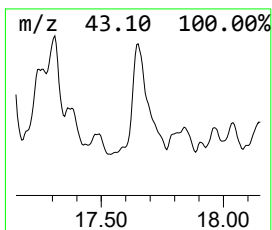
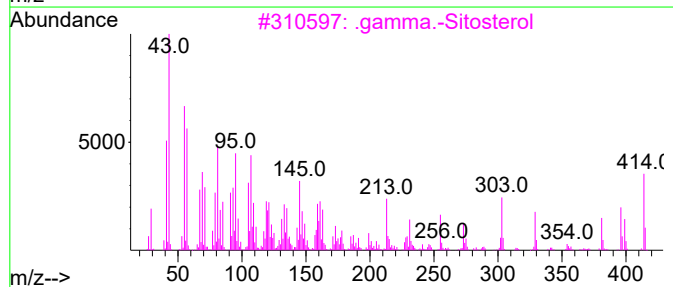
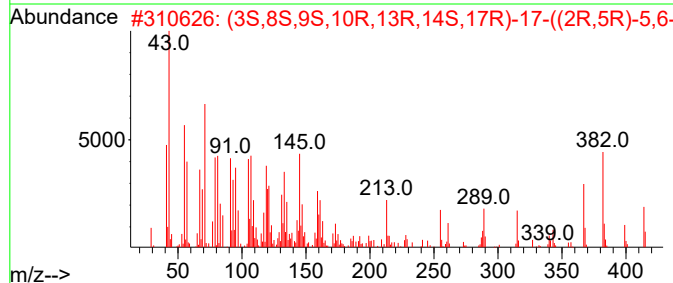
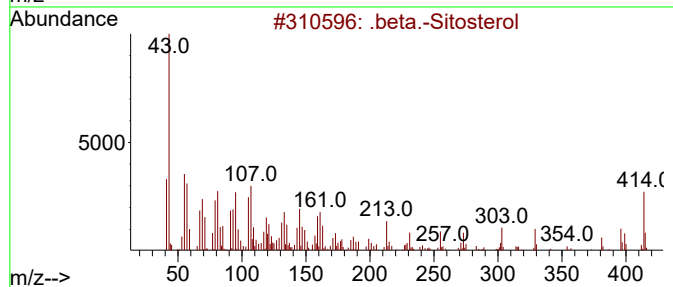
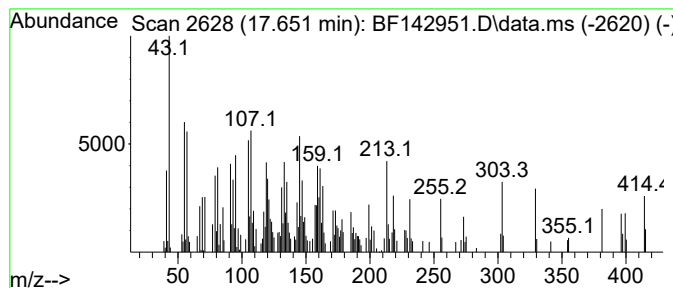
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 .beta.-Sitosterol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.651	13.20 ng	297319	Perylene-d12	15.539
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Sitosterol	414 C29H50O	000083-46-5 92
2		(3S,8S,9S,10R,13R,14S,17R)-17-((...)	414 C29H50O	029365-29-5 91
3		.gamma.-Sitosterol	414 C29H50O	000083-47-6 90
4		Ergost-5-en-3-ol, (3.beta.)-	400 C28H48O	004651-51-8 50
5		Campesterol	400 C28H48O	000474-62-4 49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142951.D
Acq On : 01 Jul 2025 15:56
Operator : RC/JU
Sample : Q2447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

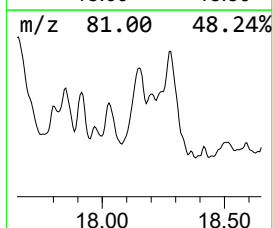
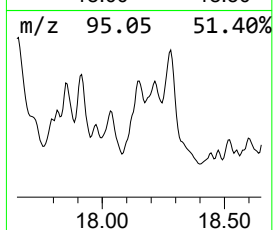
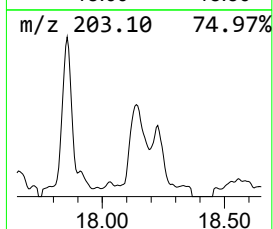
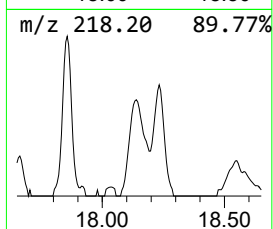
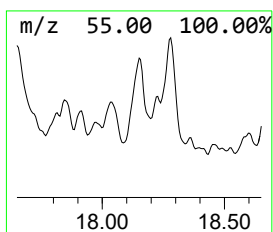
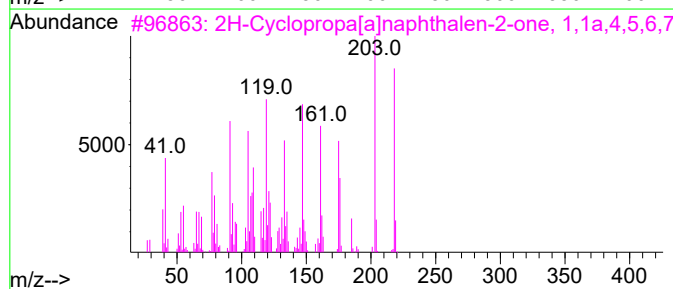
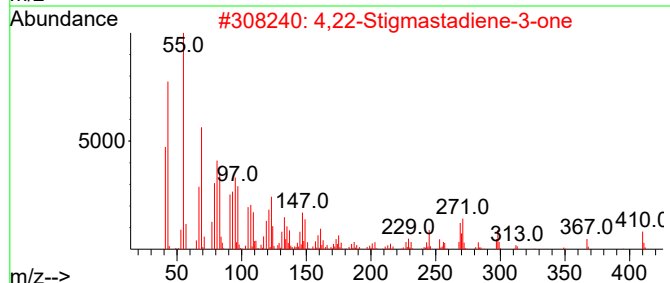
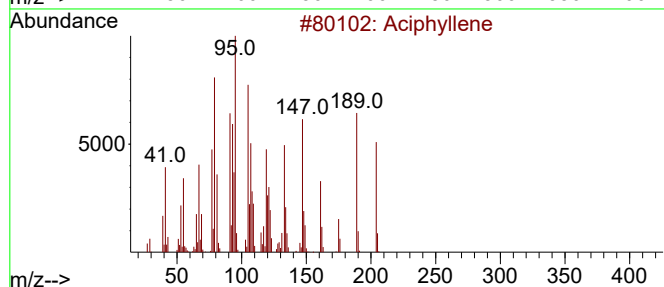
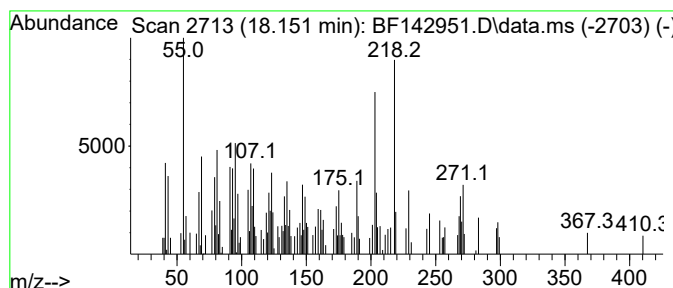
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Aciphyllene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	6.89 ng	155353	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Aciphyllene	204	C15H24	087745-31-1	90
2			4,22-Stigmastadiene-3-one	410	C29H46O	020817-72-5	84
3			2H-Cyclopropa[a]naphthalen-2-one...	218	C15H22O	006831-17-0	64
4			(Z)-2-((8R,8aS)-8,8a-Dimethyl-3,...	218	C15H22O	137695-20-6	52
5			7-Isopropenyl-1,4a-dimethyl-4,4a...	218	C15H22O	000473-08-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142951.D
Acq On : 01 Jul 2025 15:56
Operator : RC/JU
Sample : Q2447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

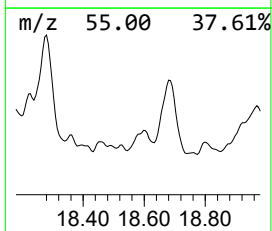
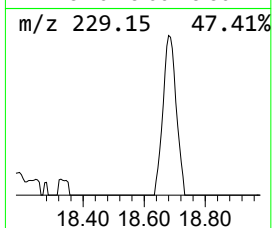
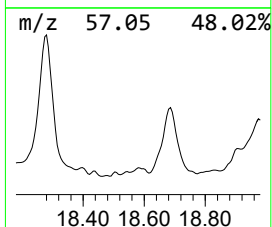
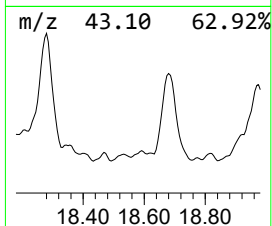
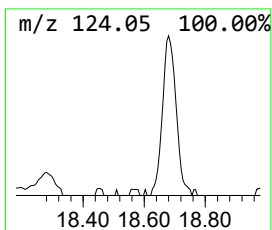
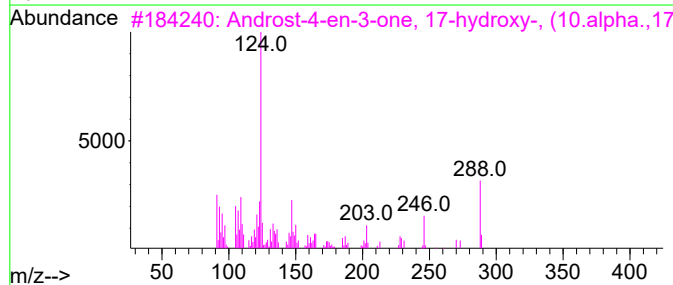
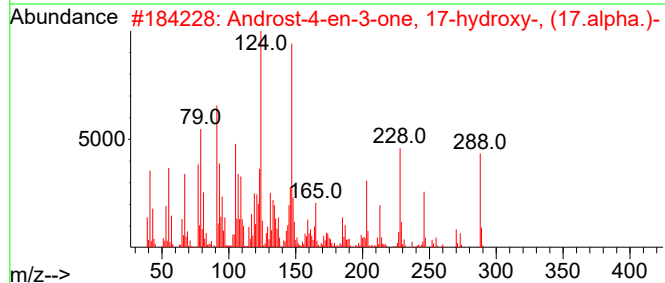
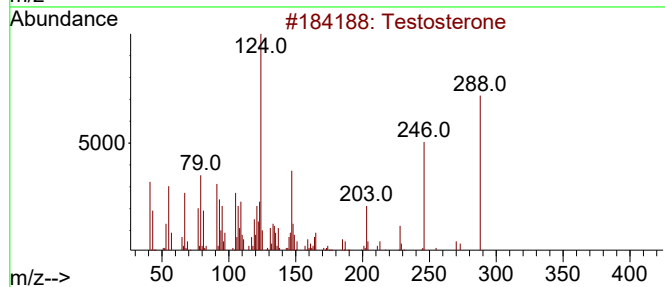
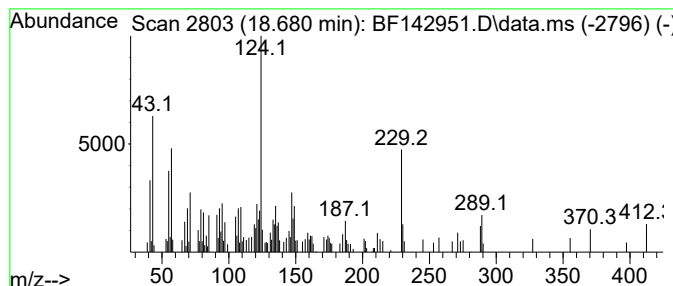
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Testosterone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	7.75 ng	174548	Perylene-d12	15.539

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Testosterone	288	C19H28O2	000058-22-0	83
2		Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000481-30-1	64
3		Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	46
4		Thiophene-2-sulfonic acid, (3-fl...	271	C11H10FN02S2	1000311-21-1	38
5		Littorine	289	C17H23NO3	021956-47-8	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142951.D
Acq On : 01 Jul 2025 15:56
Operator : RC/JU
Sample : Q2447-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
1,3-Dioxolane, ...	2.322	2.5	ng	33896	1	6.875	271463	20.0
2-Pentanone, 4-...	5.081	5.5	ng	74994	1	6.875	271463	20.0
Pentadecane, 2,...	10.828	13.6	ng	285567	4	11.404	419450	20.0
Hexadecane, 2,6...	11.292	16.9	ng	353451	4	11.404	419450	20.0
n-Hexadecanoic ...	11.933	29.8	ng	624471	4	11.404	419450	20.0
Octadecanoic acid	12.716	20.5	ng	430822	4	11.404	419450	20.0
1,19-Eicosadiene	14.969	34.4	ng	773907	6	15.539	450639	20.0
Behenic alcohol	15.198	69.5	ng	1566240	6	15.539	450639	20.0
Benzo[e]pyrene	15.410	2.8	ng	63424	6	15.539	450639	20.0
Henicosanal	15.757	18.6	ng	418850	6	15.539	450639	20.0
Hentriacontane	15.998	21.8	ng	492002	6	15.539	450639	20.0
Octacosyl acetate	16.063	20.2	ng	456115	6	15.539	450639	20.0
unknown16.457	16.457	4.8	ng	107848	6	15.539	450639	20.0
Oxirane, heptad...	16.815	10.1	ng	228370	6	15.539	450639	20.0
Hexacosane	17.121	16.2	ng	364829	6	15.539	450639	20.0
unknown17.245	17.245	9.0	ng	202823	6	15.539	450639	20.0
Germanicol	17.380	8.2	ng	185255	6	15.539	450639	20.0
.beta.-Sitosterol	17.651	13.2	ng	297319	6	15.539	450639	20.0
Aciphyllene	18.151	6.9	ng	155353	6	15.539	450639	20.0
Testosterone	18.680	7.8	ng	174548	6	15.539	450639	20.0