

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
 Data File : BF142642.D
 Acq On : 06 Jun 2025 12:54
 Operator : RC/JU
 Sample : Q2185-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP02-MHB-WC

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-BF052025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142642.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.104	487	495	505	rBV	123233	178631	8.74%	1.177%
2	5.510	558	564	579	rBV	1228424	1592877	77.95%	10.498%
3	6.516	729	735	752	rBV	1198343	1578479	77.24%	10.403%
4	6.892	794	799	804	rBV	504178	610855	29.89%	4.026%
5	7.451	888	894	905	rBV	778387	1015540	49.70%	6.693%
6	7.704	933	937	943	rVB	16187	21782	1.07%	0.144%
7	8.175	1012	1017	1025	rBV	595413	773111	37.83%	5.095%
8	9.251	1195	1200	1210	rBV	1643036	2043478	100.00%	13.468%
9	9.933	1311	1316	1325	rBV	674536	825659	40.40%	5.442%
10	10.339	1377	1385	1392	rVB2	11970	20673	1.01%	0.136%
11	10.645	1432	1437	1442	rBV	266306	329098	16.10%	2.169%
12	10.722	1445	1450	1464	rVB	879365	1107637	54.20%	7.300%
13	10.957	1485	1490	1497	rVB	41448	53080	2.60%	0.350%
14	11.422	1564	1569	1576	rBV	566502	722573	35.36%	4.762%
15	11.939	1651	1657	1673	rBV2	166176	292861	14.33%	1.930%
16	12.116	1680	1687	1697	rVV9	12136	35234	1.72%	0.232%
17	12.198	1697	1701	1707	rVB2	14359	20633	1.01%	0.136%
18	12.445	1739	1743	1757	rVB2	13305	28685	1.40%	0.189%
19	12.645	1767	1777	1787	rBV2	25882	92291	4.52%	0.608%
20	12.727	1787	1791	1803	rVB2	41734	75032	3.67%	0.495%
21	13.010	1833	1839	1858	rBV	1178414	1567431	76.70%	10.330%
22	13.845	1972	1981	1987	rBV4	47514	148268	7.26%	0.977%
23	13.904	1987	1991	2007	rVB	50521	114814	5.62%	0.757%
24	14.063	2013	2018	2029	rVB	419793	564292	27.61%	3.719%
25	14.221	2041	2045	2051	rBV	16619	26564	1.30%	0.175%
26	14.527	2093	2097	2102	rBV	26813	38026	1.86%	0.251%
27	14.592	2102	2108	2121	rVV	36872	87173	4.27%	0.575%
28	14.827	2143	2148	2156	rBV3	53872	115619	5.66%	0.762%
29	15.192	2205	2210	2219	rVB	28038	47824	2.34%	0.315%
30	15.310	2224	2230	2238	rVB	28405	61748	3.02%	0.407%
31	15.563	2267	2273	2281	rBV	413147	694251	33.97%	4.576%
32	15.651	2282	2288	2304	rVB2	71148	204172	9.99%	1.346%
33	16.033	2349	2353	2358	rVB	24920	40591	1.99%	0.268%
34	16.551	2438	2441	2452	rVB2	21006	43898	2.15%	0.289%

Sum of corrected areas: 15172880

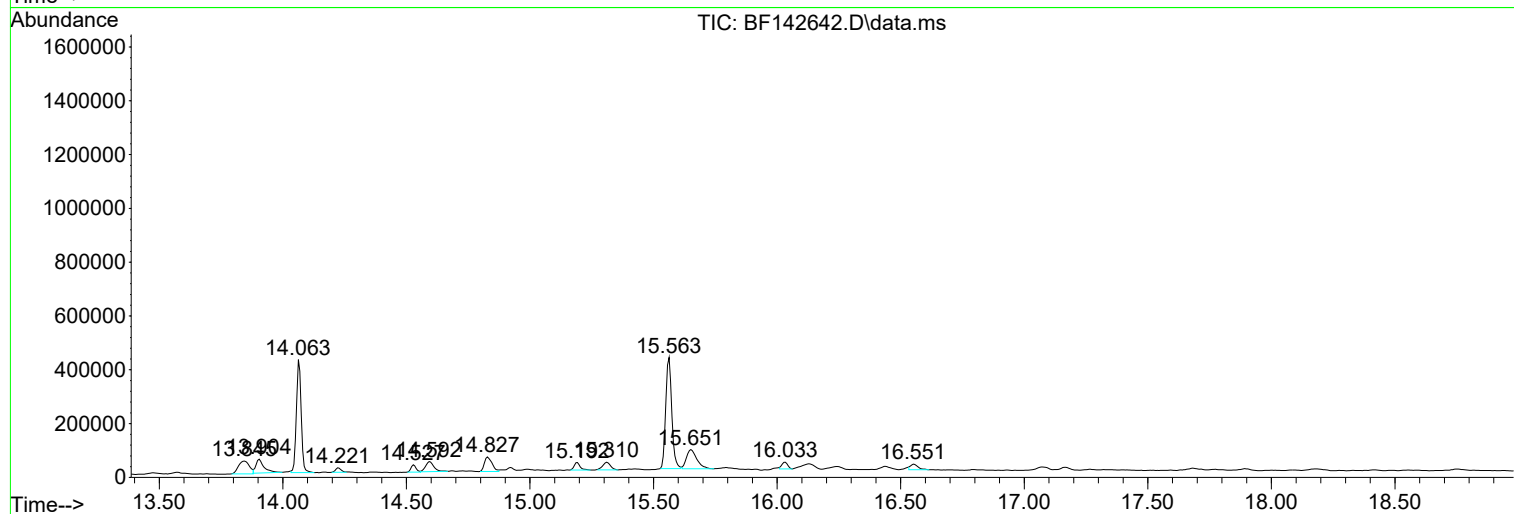
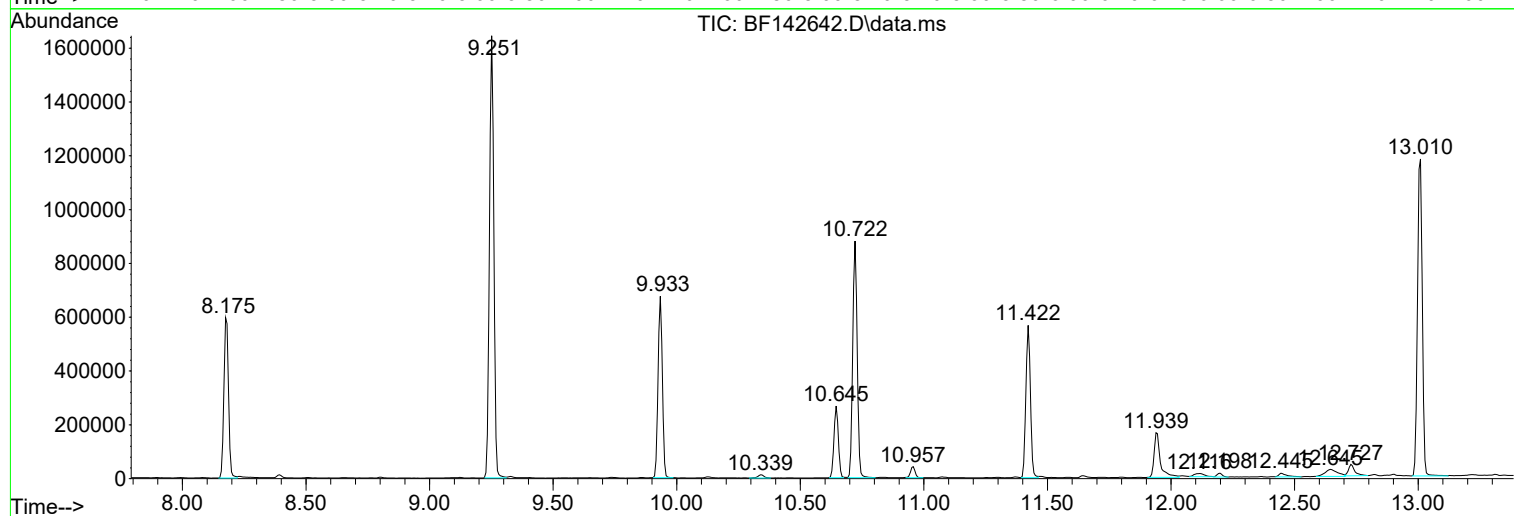
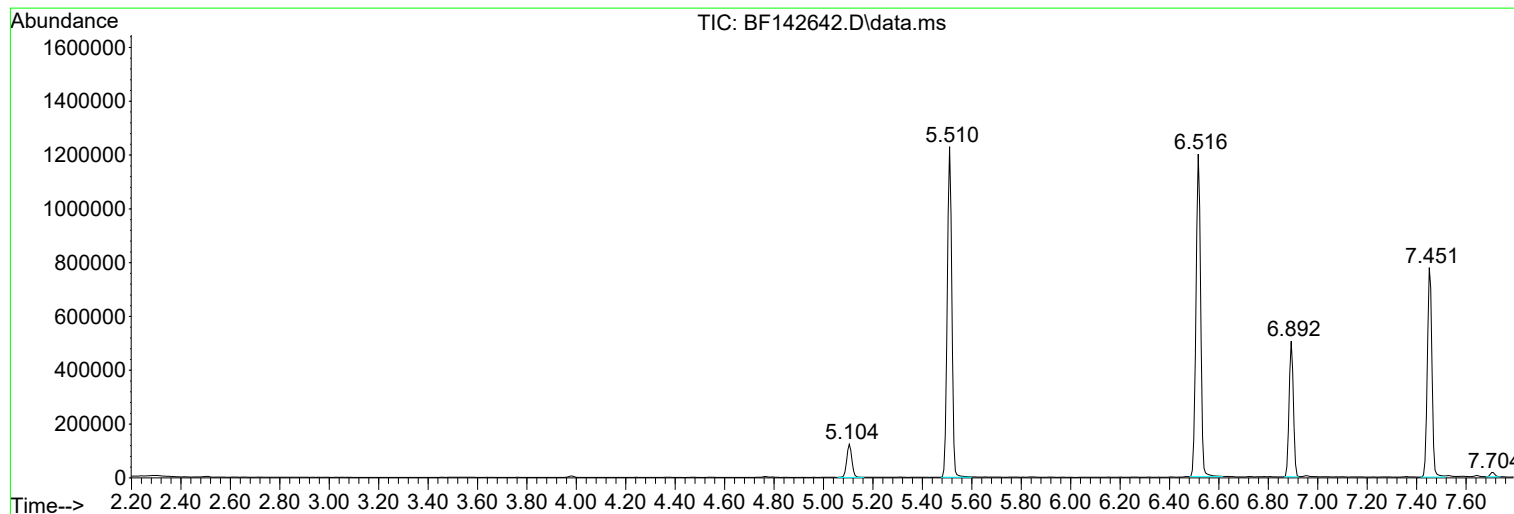
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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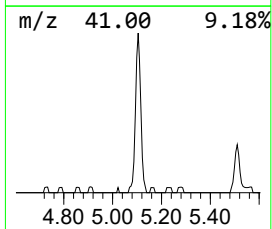
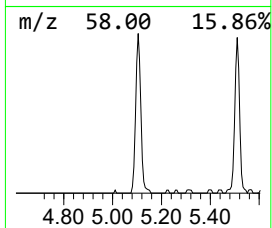
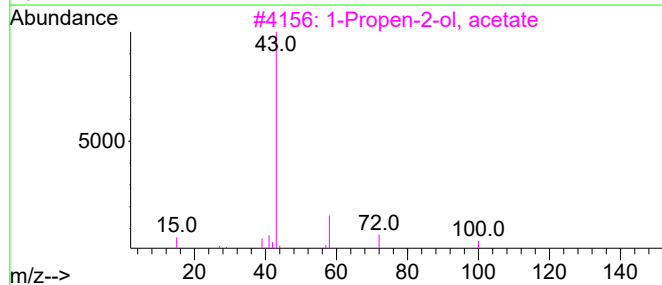
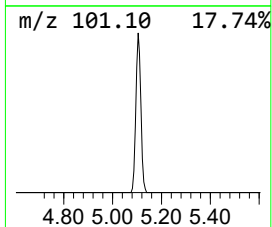
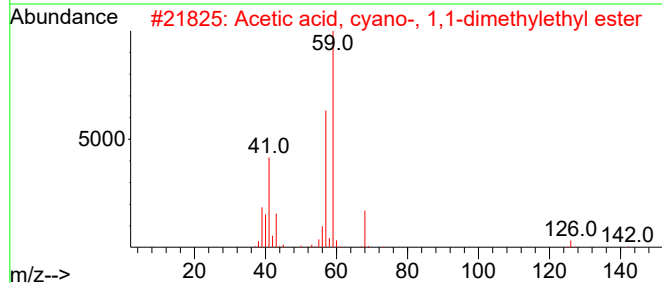
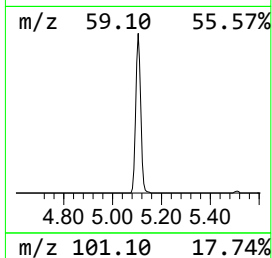
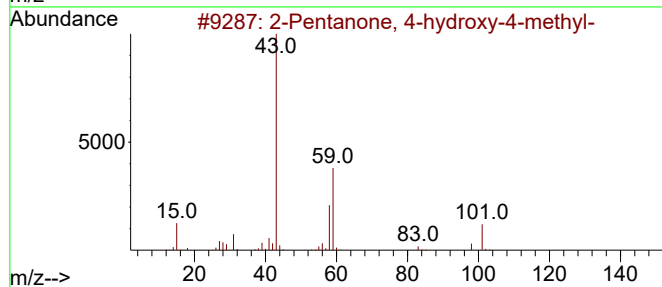
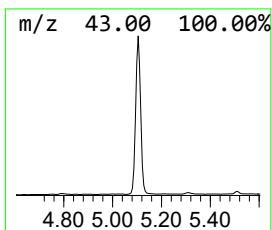
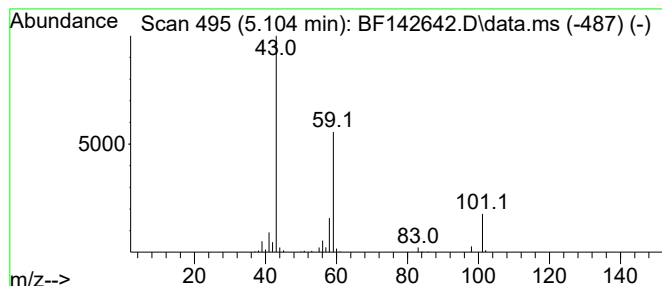
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	5.85 ng	178631	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32		
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12		
4	2-Pentanone	86	C5H10O	000107-87-9	10		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		



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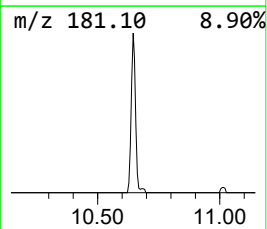
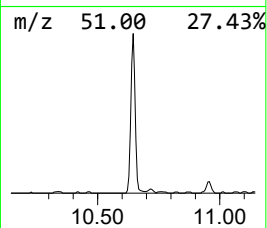
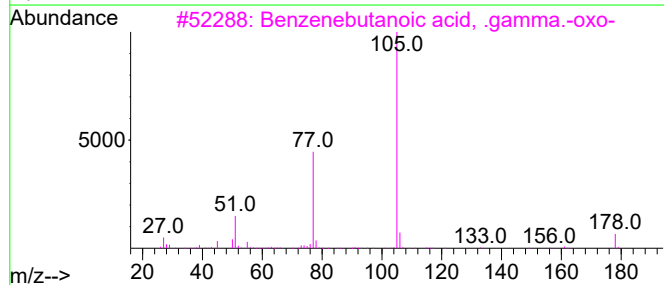
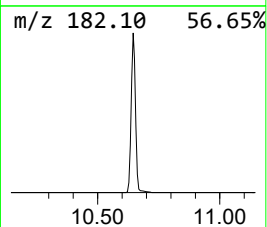
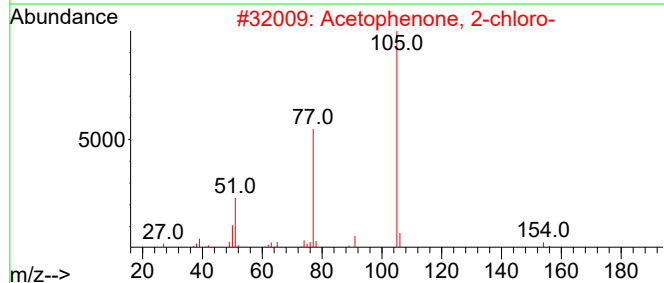
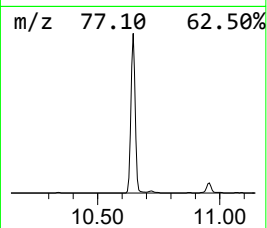
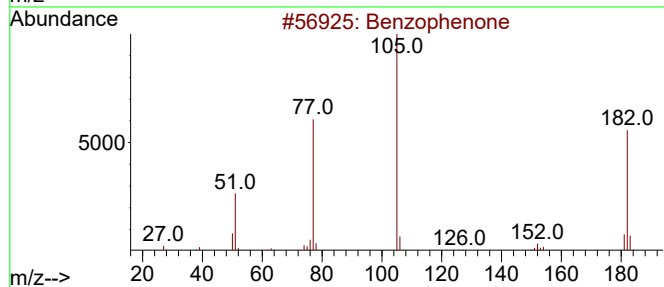
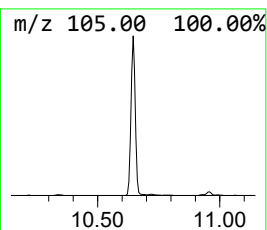
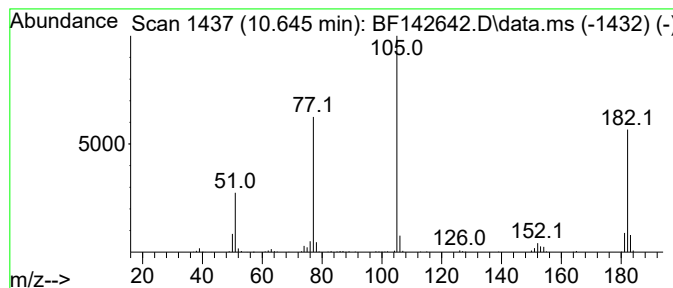
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.645	7.97 ng	329098	Acenaphthene-d10	9.933

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
4			Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
5			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47



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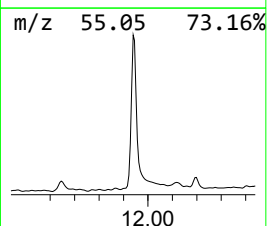
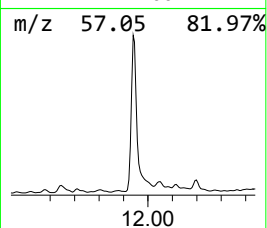
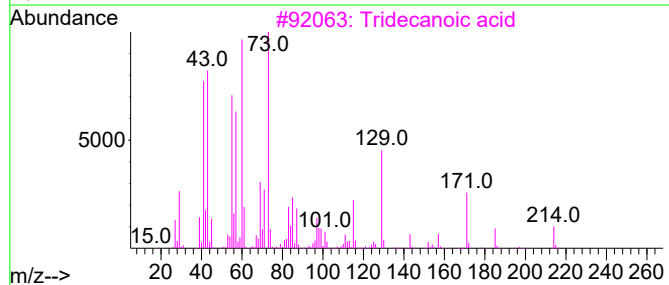
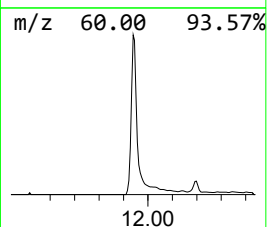
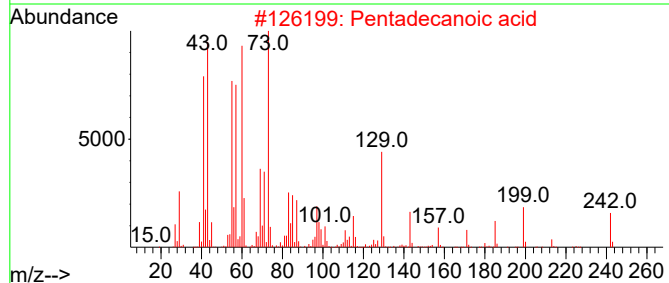
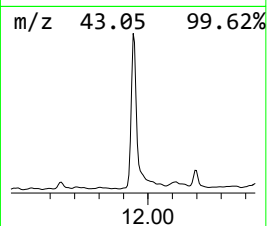
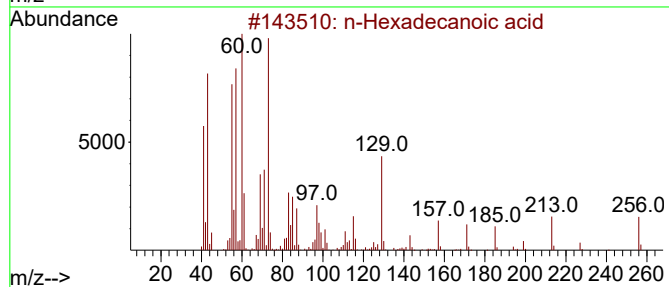
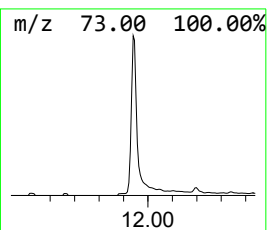
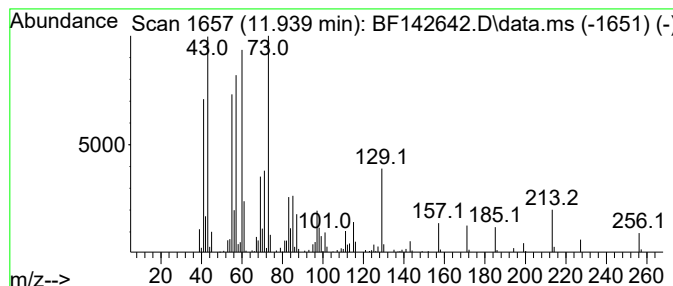
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	8.11 ng	292861	Phenanthrene-d10	11.422

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	93
3			Tridecanoic acid	214	C13H26O2	000638-53-9	89
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	70



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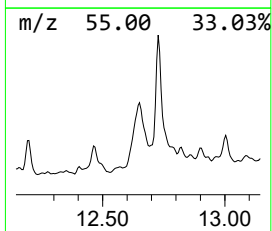
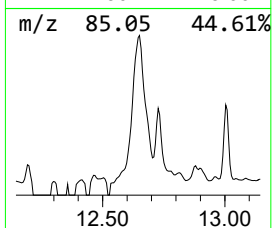
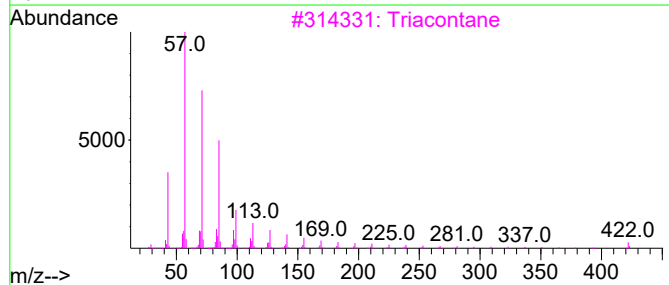
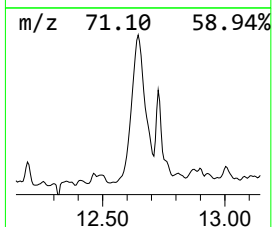
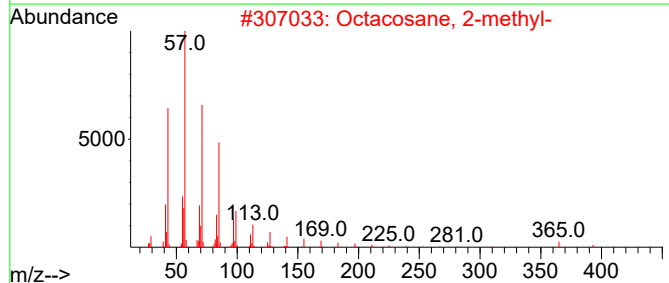
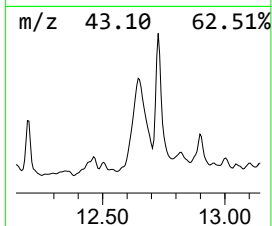
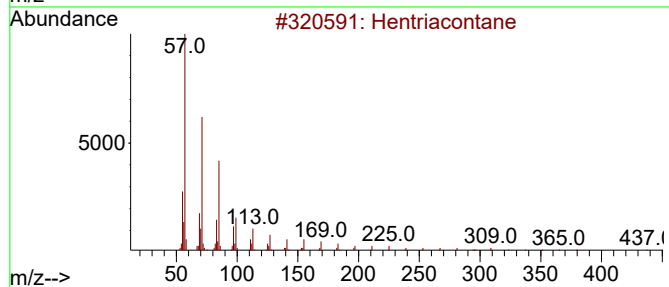
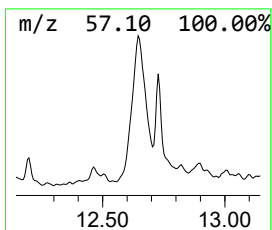
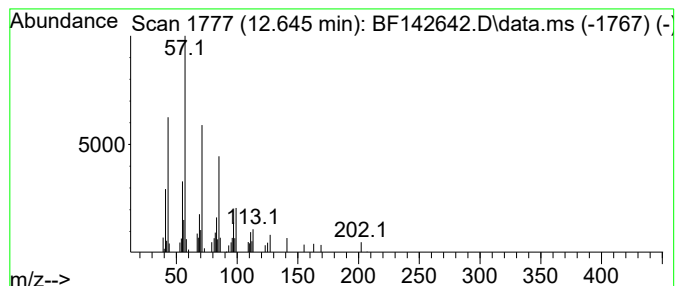
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Peak Number 4 Hentriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	2.55 ng	92291	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	90
2			Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
3			Triacontane	422	C30H62	000638-68-6	86
4			Octacosane	394	C28H58	000630-02-4	83
5			Tetratetracontane	619	C44H90	007098-22-8	83



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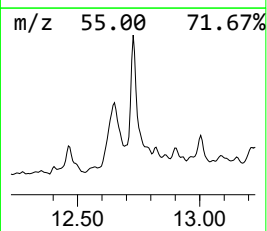
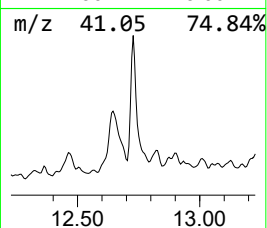
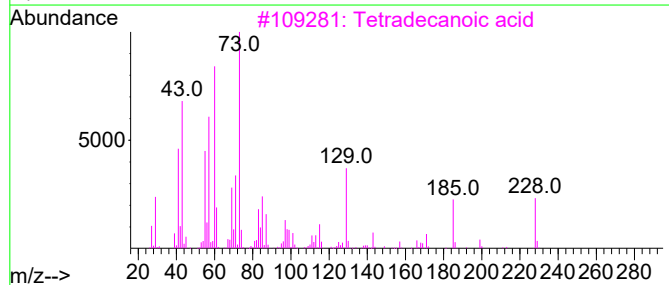
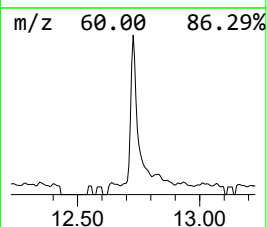
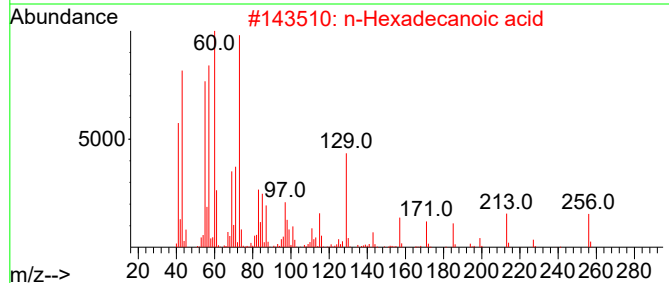
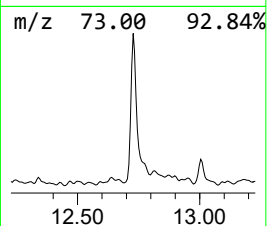
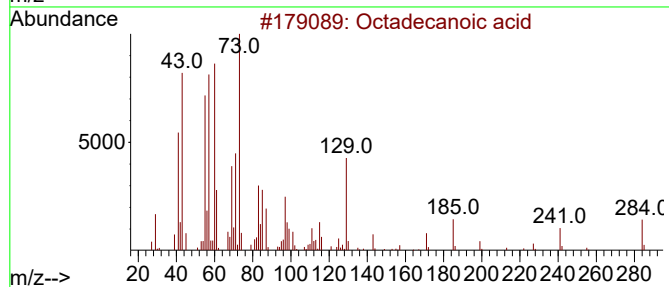
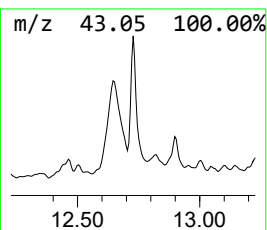
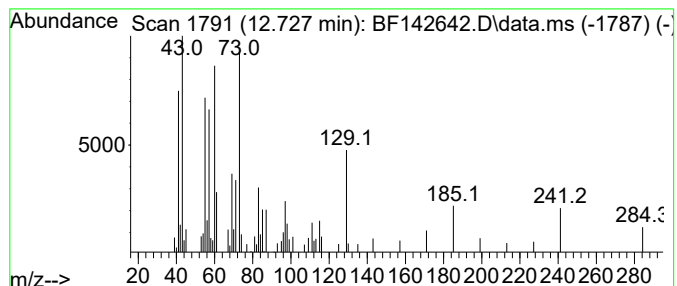
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Peak Number 5 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	2.08 ng	75032	Phenanthrene-d10	11.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4			n-Decanoic acid	172	C10H20O2	000334-48-5	52
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	52



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TP02-MHB-WC

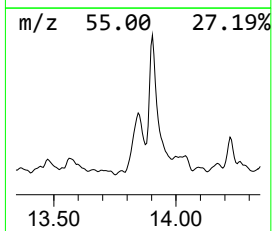
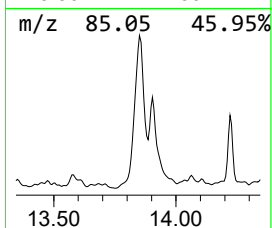
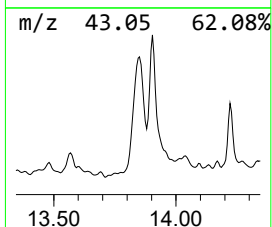
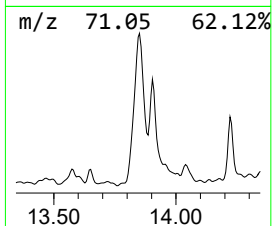
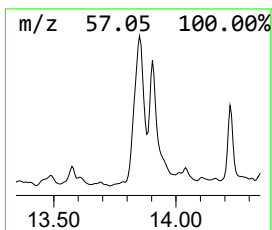
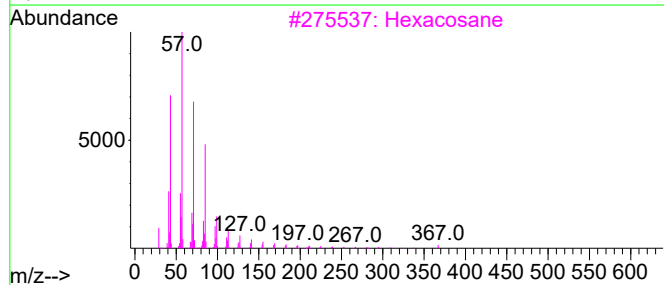
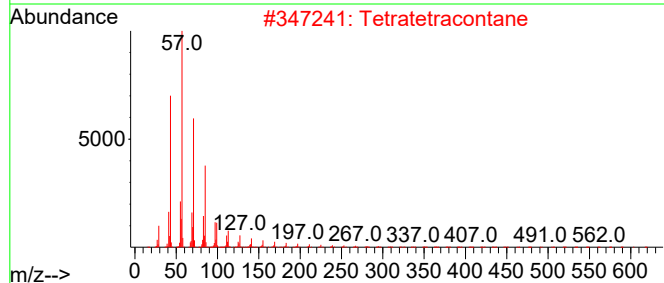
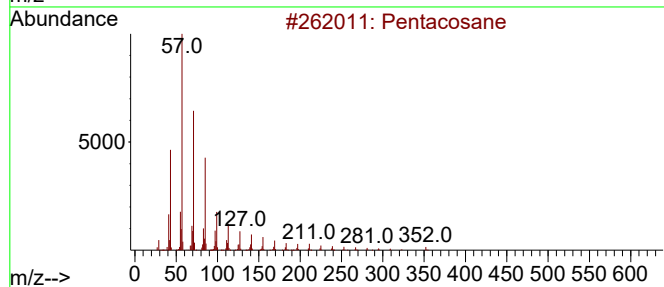
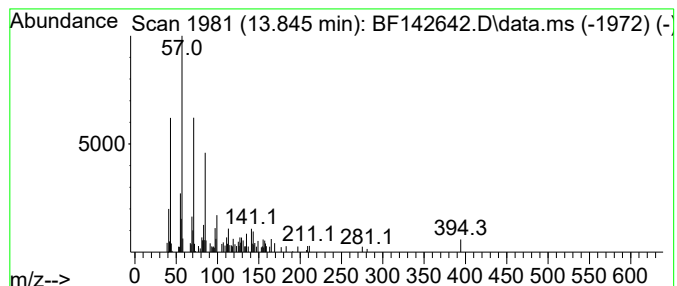
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pentacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	5.26 ng	148268	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentacosane	352	C25H52	000629-99-2	90
2			Tetratetracontane	619	C44H90	007098-22-8	87
3			Hexacosane	366	C26H54	000630-01-3	87
4			Octacosane	394	C28H58	000630-02-4	87
5			Hentriacontane	437	C31H64	000630-04-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142642.D
Acq On : 06 Jun 2025 12:54
Operator : RC/JU
Sample : Q2185-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP02-MHB-WC

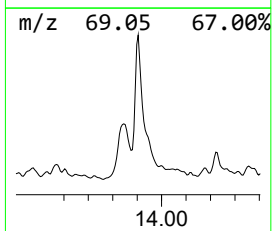
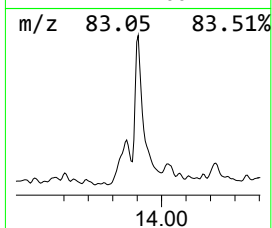
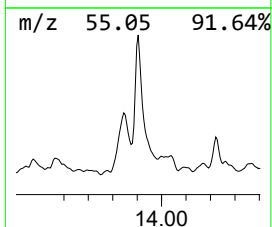
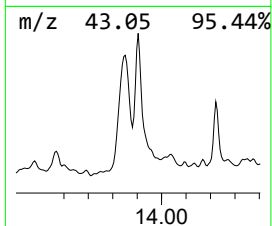
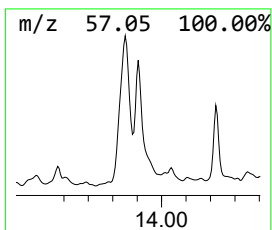
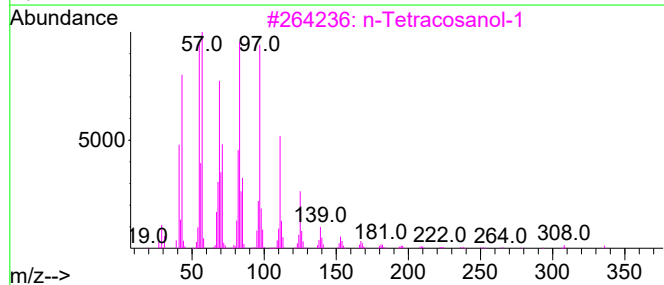
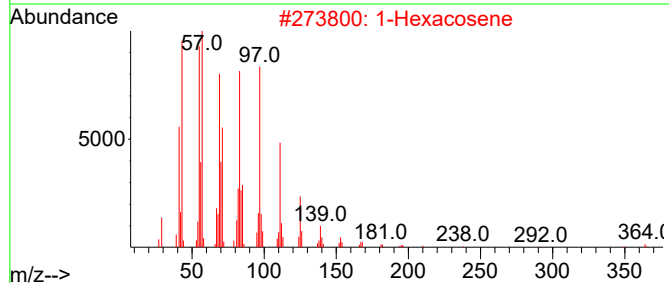
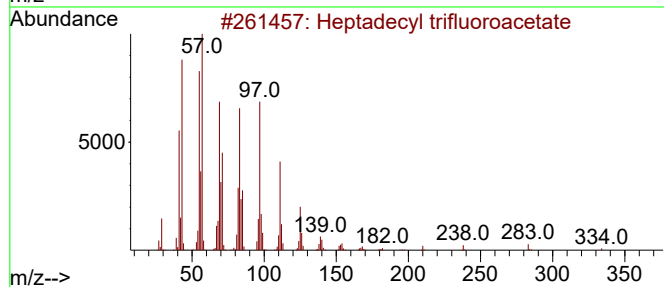
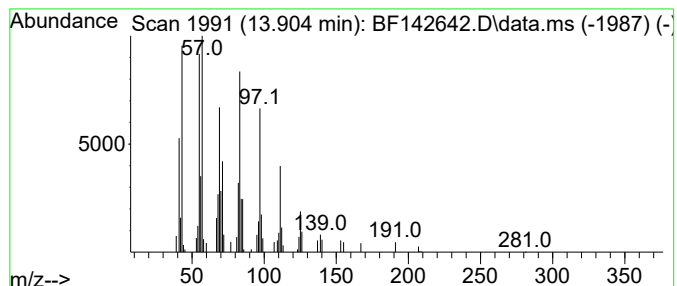
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecyl trifluoroacetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	4.07 ng	114814	Chrysene-d12	14.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	95
2			1-Hexacosene	364	C26H52	018835-33-1	95
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4			Behenic alcohol	326	C22H46O	000661-19-8	93
5			1-Heneicosanol	312	C21H44O	015594-90-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142642.D
Acq On : 06 Jun 2025 12:54
Operator : RC/JU
Sample : Q2185-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP02-MHB-WC

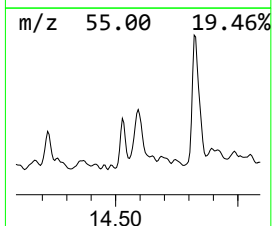
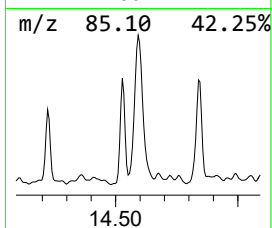
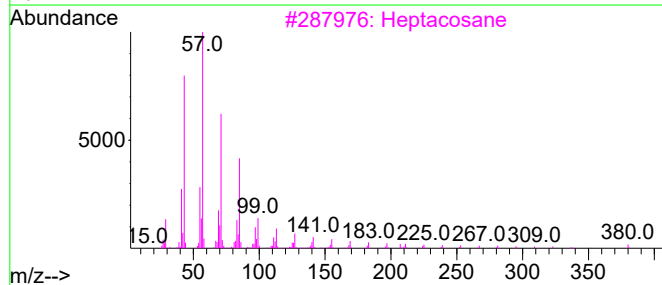
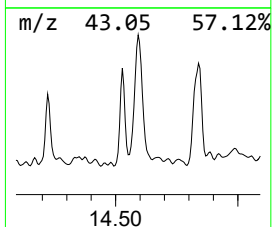
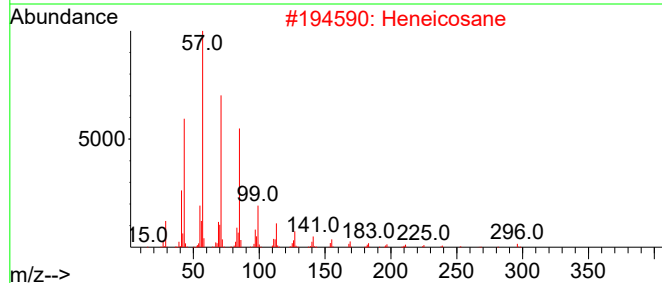
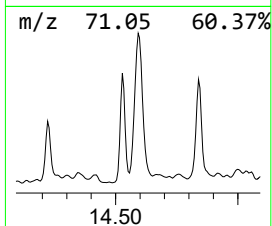
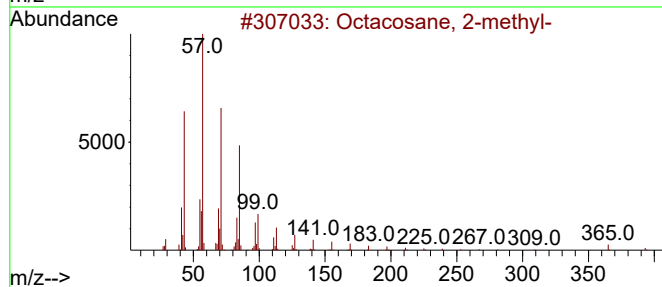
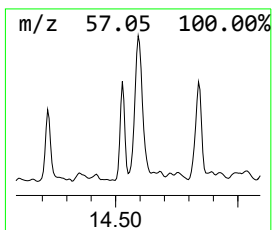
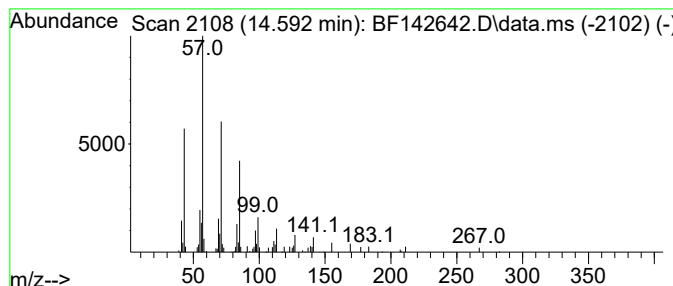
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octacosane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.592	3.09 ng	87173	Chrysene-d12	14.063

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptacosane	380	C27H56	000593-49-7	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142642.D
Acq On : 06 Jun 2025 12:54
Operator : RC/JU
Sample : Q2185-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP02-MHB-WC

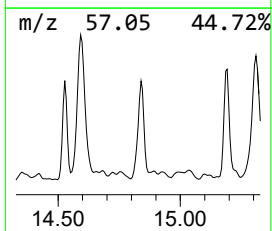
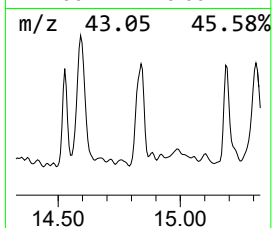
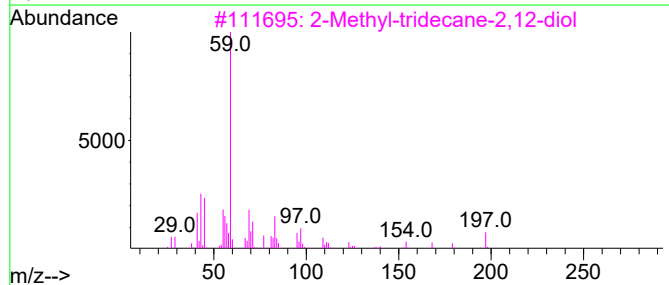
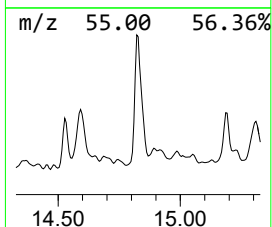
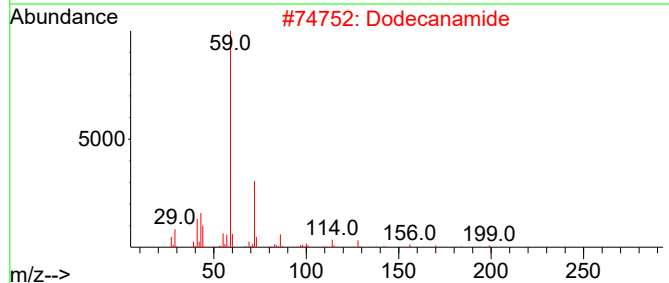
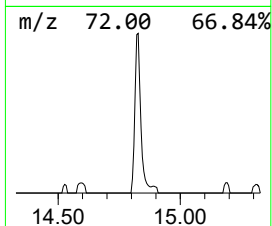
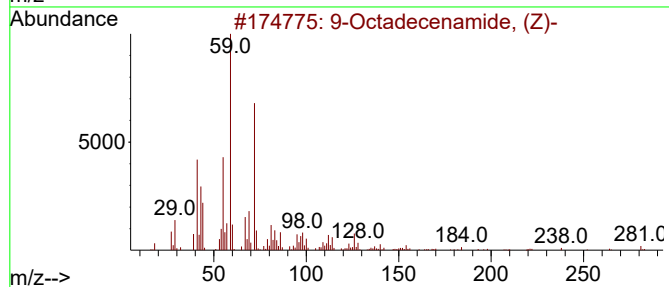
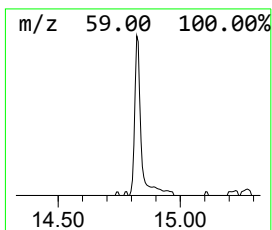
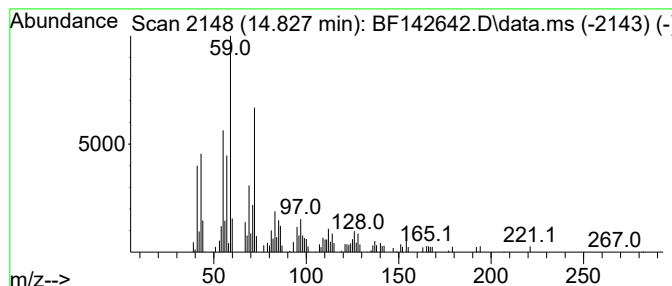
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	3.33 ng	115619	Perylene-d12	15.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
2			Dodecanamide	199	C12H25NO	001120-16-7	50
3			2-Methyl-tridecane-2,12-diol	230	C14H30O2	1000187-03-5	38
4			Allyldimethylsilane	100	C5H12Si	003937-30-2	38
5			trans-2,7-Dimethyl-4,6-octadien-...	154	C10H18O	1010281-69-5	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142642.D
Acq On : 06 Jun 2025 12:54
Operator : RC/JU
Sample : Q2185-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP02-MHB-WC

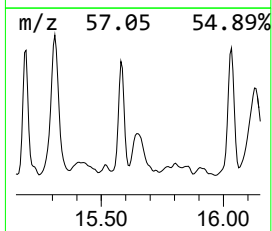
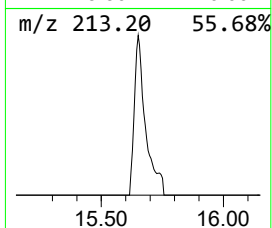
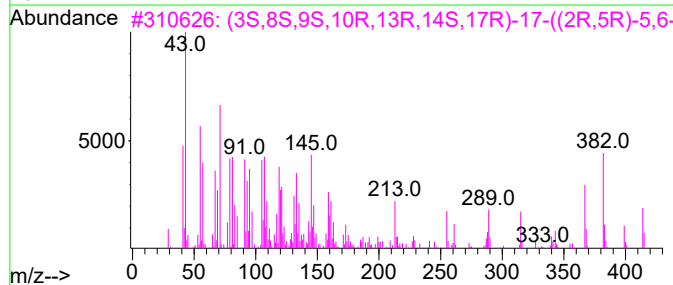
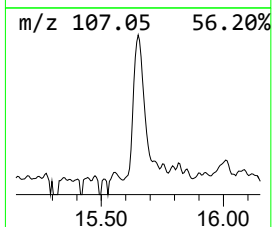
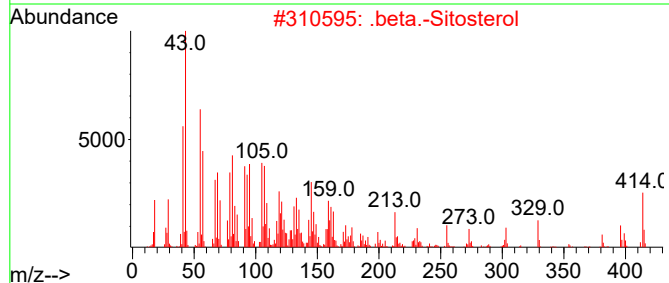
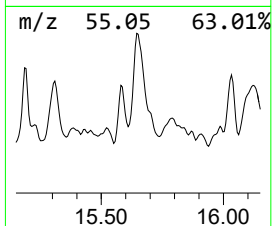
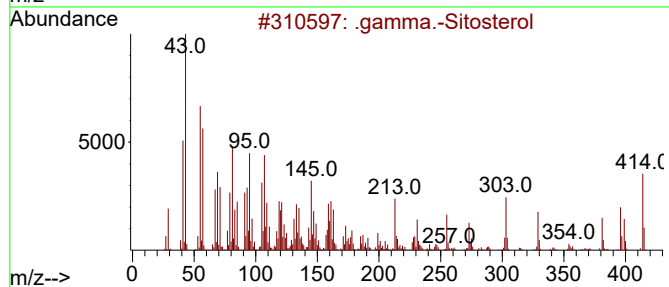
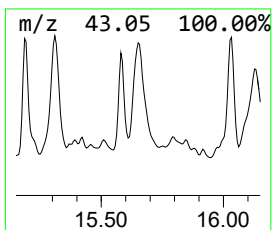
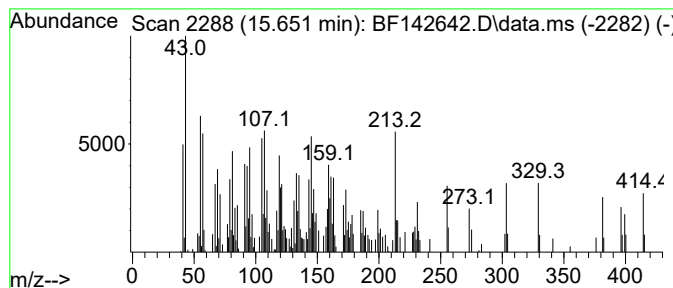
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.651	5.88 ng	204172	Perylene-d12	15.563

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.gamma.-Sitosterol	414	C29H50O	000083-47-6	98
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	97
3		(3S,8S,9S,10R,13R,14S,17R)-17-((...)	414	C29H50O	029365-29-5	87
4		Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	55
5		Campesterol	400	C28H48O	000474-62-4	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060625\
Data File : BF142642.D
Acq On : 06 Jun 2025 12:54
Operator : RC/JU
Sample : Q2185-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP02-MHB-WC

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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-...	5.104	5.8	ng	178631	1	6.892	610855	20.0
Benzophenone	10.645	8.0	ng	329098	3	9.933	825659	20.0
n-Hexadecanoic ...	11.939	8.1	ng	292861	4	11.422	722573	20.0
Hentriacontane	12.645	2.5	ng	92291	4	11.422	722573	20.0
Octadecanoic acid	12.727	2.1	ng	75032	4	11.422	722573	20.0
Pentacosane	13.845	5.3	ng	148268	5	14.063	564292	20.0
Heptadecyl trif...	13.904	4.1	ng	114814	5	14.063	564292	20.0
Octacosane, 2-m...	14.592	3.1	ng	87173	5	14.063	564292	20.0
9-Octadecenamid...	14.827	3.3	ng	115619	6	15.563	694251	20.0
.gamma.-Sitosterol	15.651	5.9	ng	204172	6	15.563	694251	20.0