

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
 Data File : BP025408.D
 Acq On : 15 Aug 2025 01:00
 Operator : CG/JU
 Sample : Q2820-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-DUP-2

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_P\Methods\8270E-BP081425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025408.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.961	3	4	13	rVB2	185034	246341	2.82%	0.521%
2	3.043	13	18	31	rVB	1445195	1750722	20.06%	3.700%
3	4.949	336	342	349	rBV	210287	296716	3.40%	0.627%
4	5.408	413	420	431	rBV	2184382	3295826	37.76%	6.965%
5	6.966	677	685	699	rBV	2205555	3599248	41.24%	7.606%
6	7.790	816	825	835	rBV	477289	759965	8.71%	1.606%
7	8.931	1011	1019	1030	rBV	1343535	2309034	26.45%	4.880%
8	10.555	1285	1295	1308	rBV	661209	1072469	12.29%	2.267%
9	13.007	1705	1712	1727	rBV	3581720	5091605	58.33%	10.760%
10	14.401	1940	1949	1955	rBV	1035879	1530916	17.54%	3.235%
11	15.784	2176	2184	2192	rBV	418770	546579	6.26%	1.155%
12	15.907	2198	2205	2217	rBV	3233698	4825805	55.29%	10.199%
13	17.201	2418	2425	2438	rBV2	1225973	1926666	22.07%	4.072%
14	18.148	2580	2586	2594	rBV	1038309	1429798	16.38%	3.022%
15	19.472	2806	2811	2829	rBV	576349	986168	11.30%	2.084%
16	19.925	2879	2888	2897	rBV	7384723	8728549	100.00%	18.446%
17	20.977	3062	3067	3073	rBV	789539	967507	11.08%	2.045%
18	21.313	3119	3124	3137	rBV2	653277	1141087	13.07%	2.412%
19	21.636	3173	3179	3186	rBV	1505271	2318441	26.56%	4.900%
20	21.913	3222	3226	3233	rVB	109703	164378	1.88%	0.347%
21	22.160	3263	3268	3276	rBV	597145	956661	10.96%	2.022%
22	22.566	3333	3337	3351	rVB4	166000	406806	4.66%	0.860%
23	23.671	3520	3525	3534	rVB2	185125	388054	4.45%	0.820%
24	24.989	3740	3749	3765	rVB	891295	2578850	29.55%	5.450%

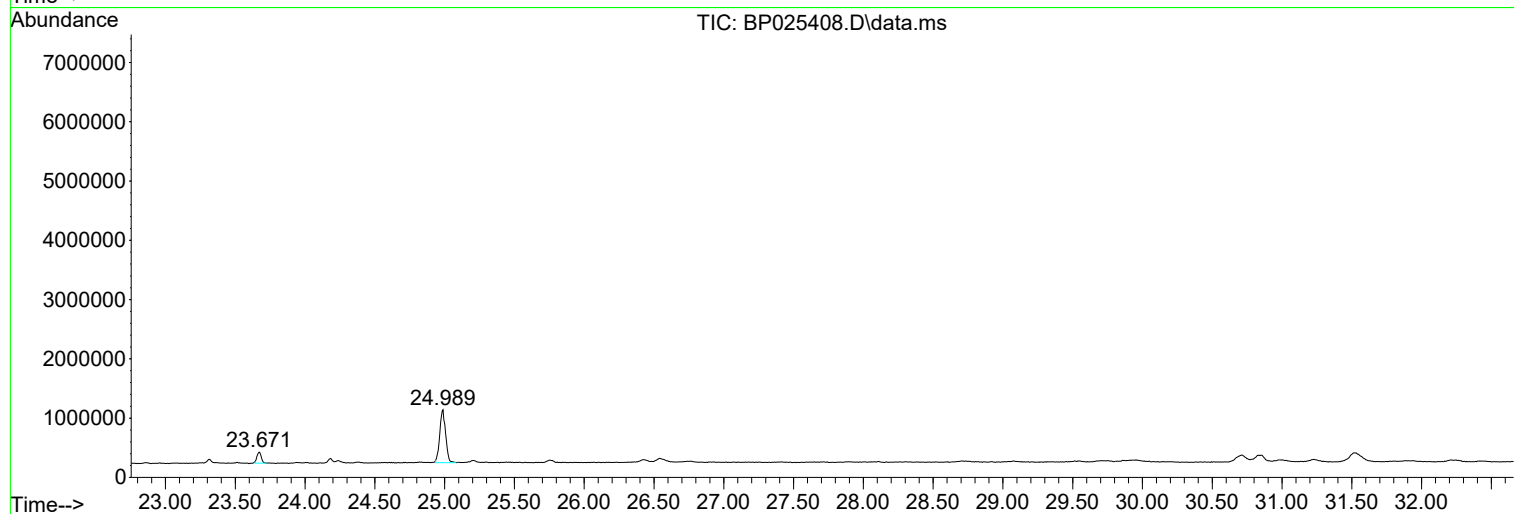
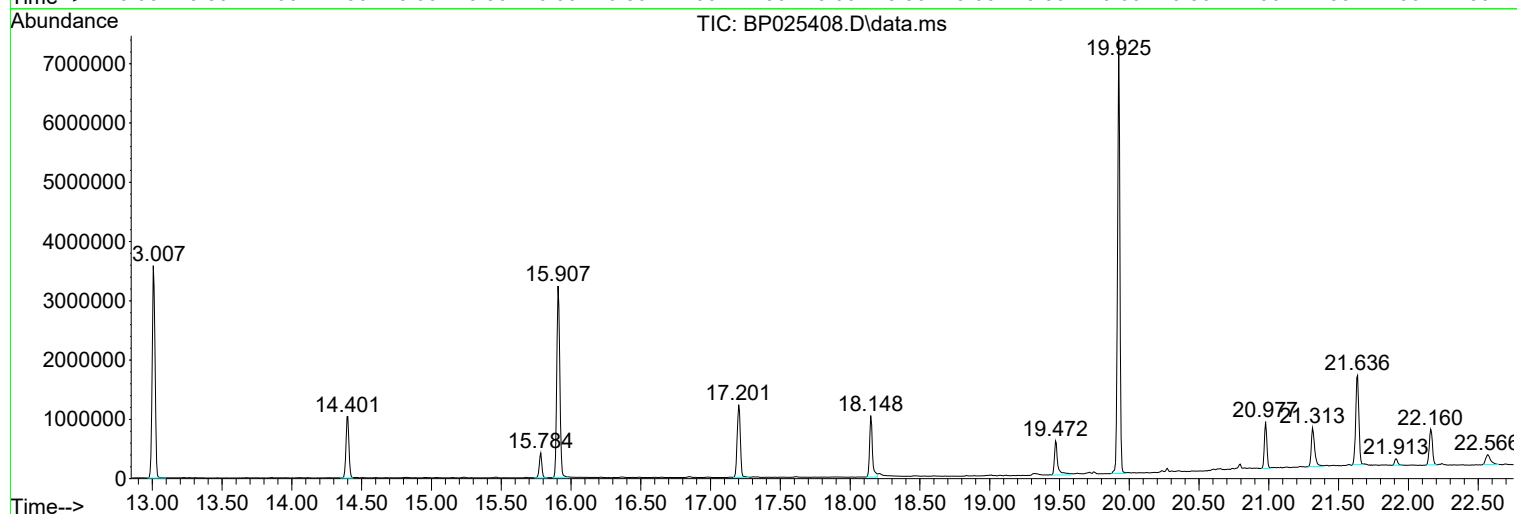
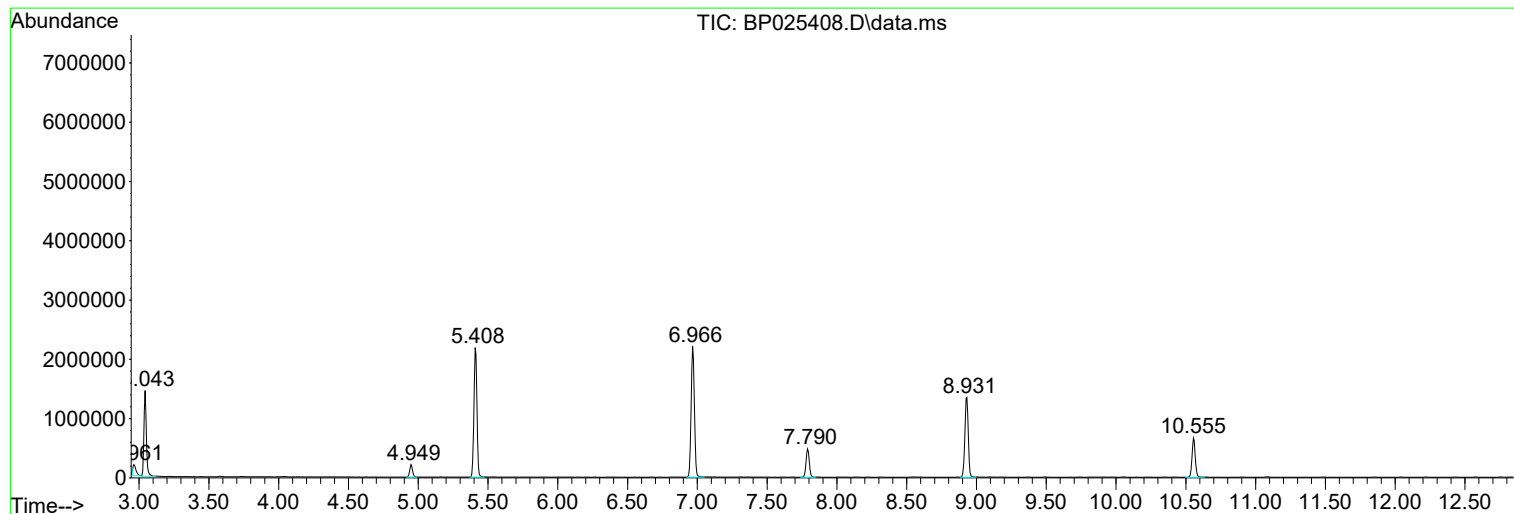
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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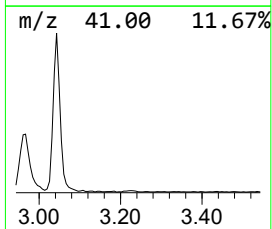
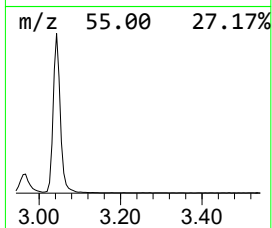
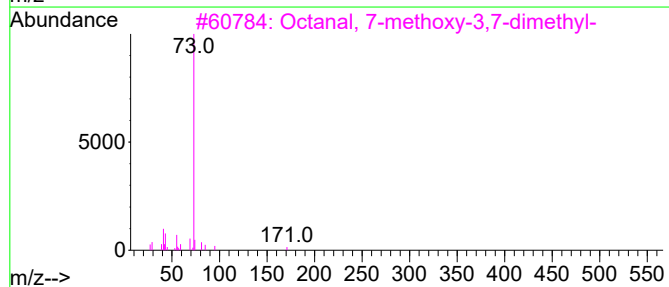
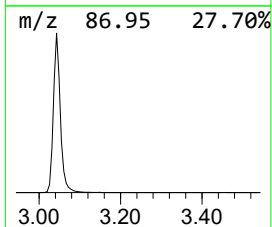
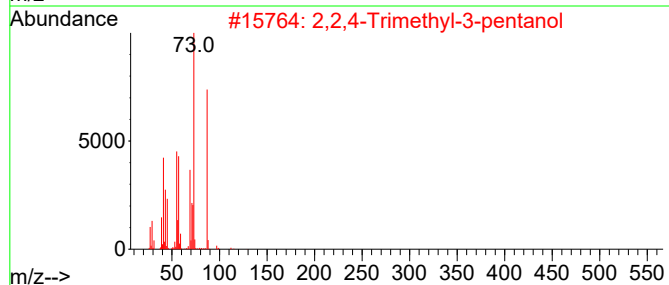
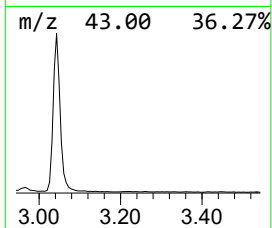
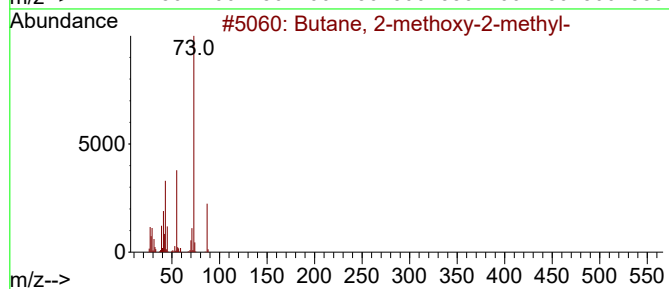
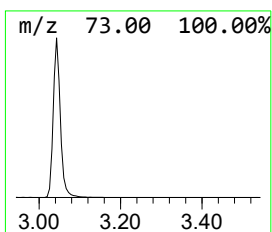
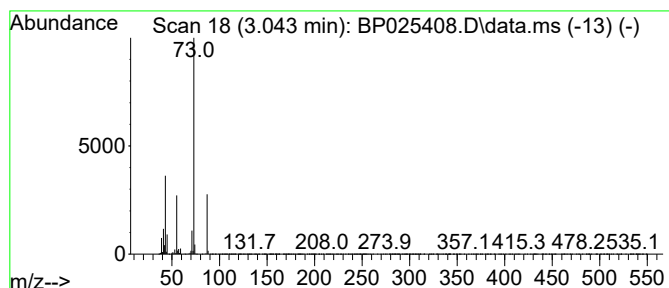
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	46.07 ng	1750720	1,4-Dichlorobenzene-d4	7.790

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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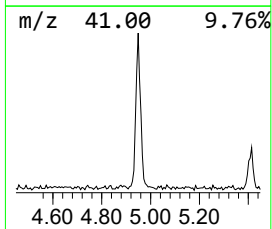
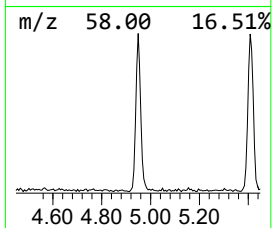
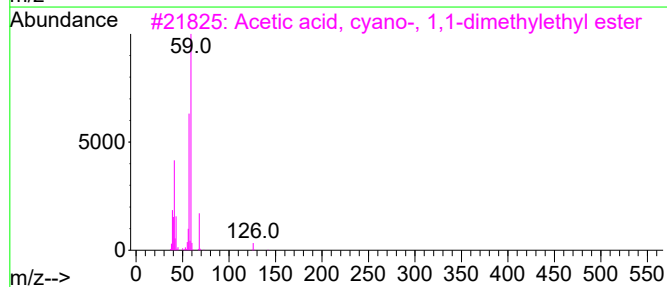
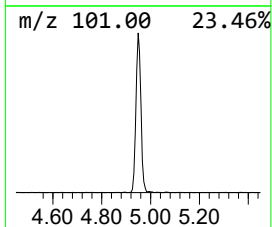
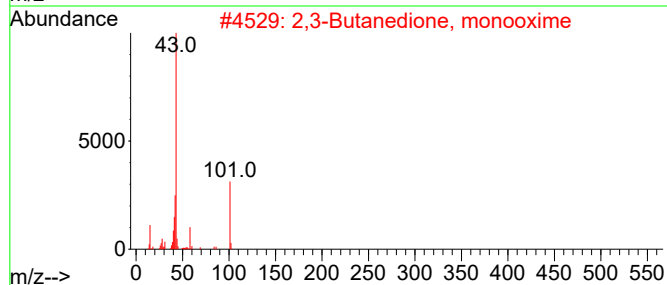
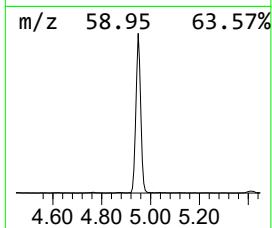
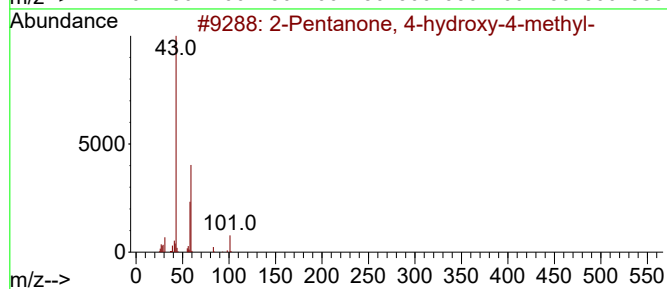
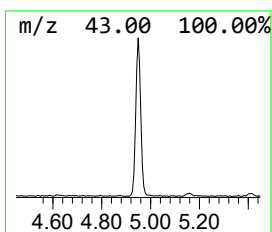
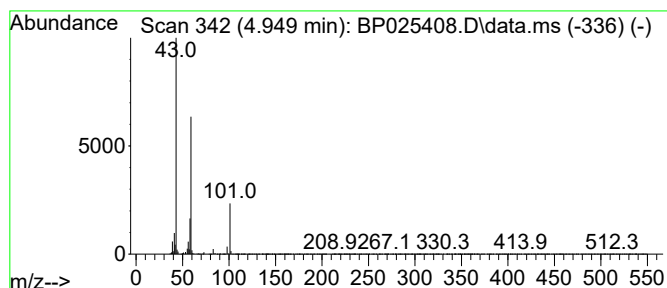
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.949	7.81 ng	296716	1,4-Dichlorobenzene-d4	7.790	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9



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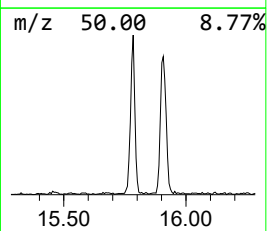
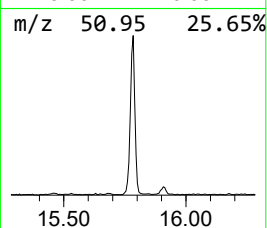
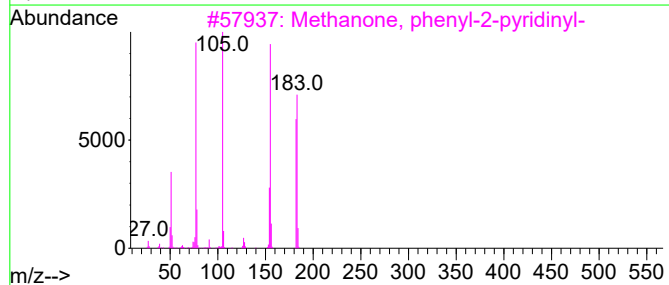
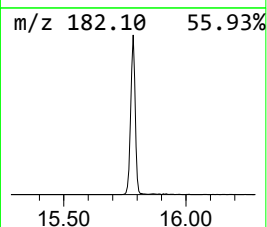
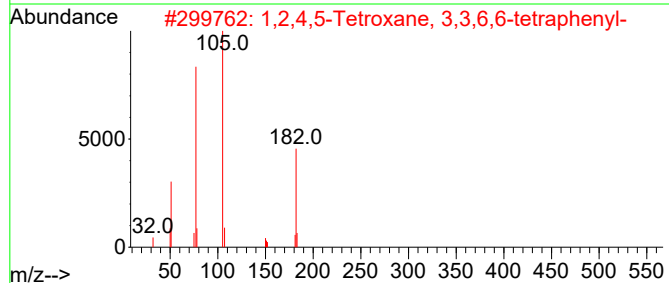
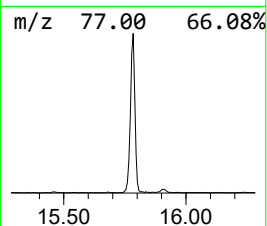
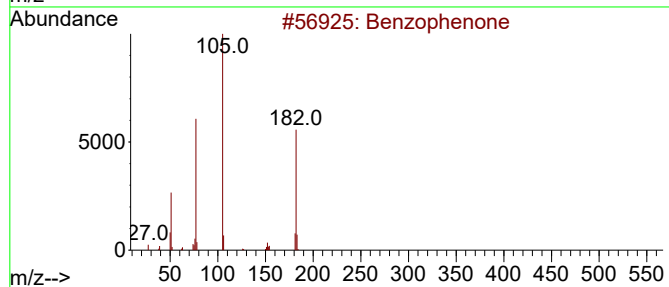
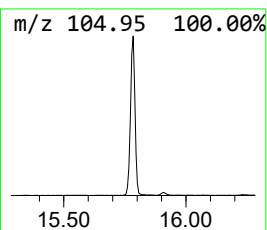
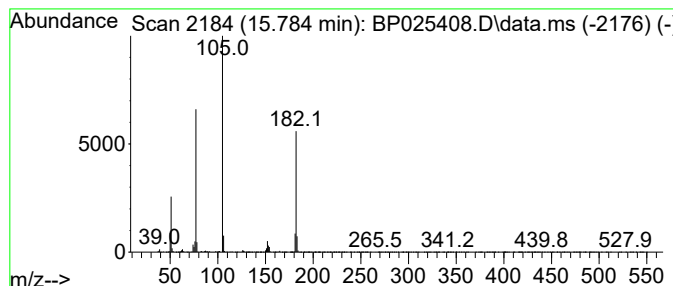
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.784	7.14 ng	546579	Acenaphthene-d10	14.401

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5			Azobenzene	182	C12H10N2	000103-33-3	42



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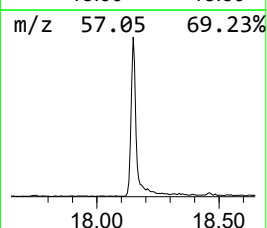
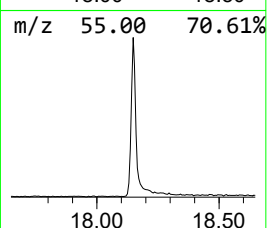
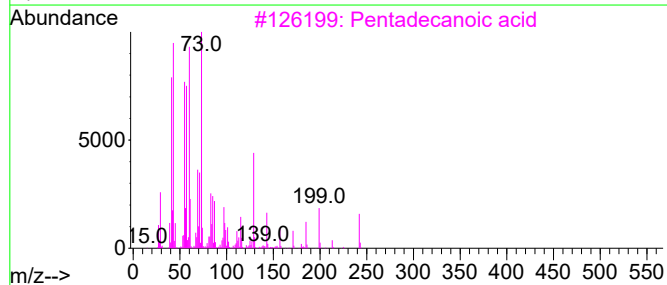
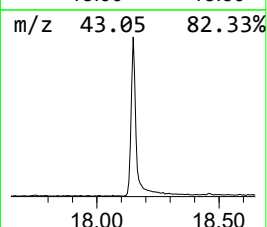
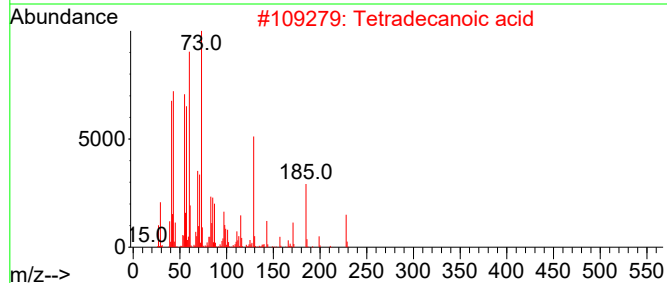
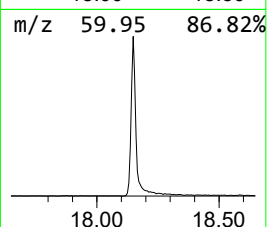
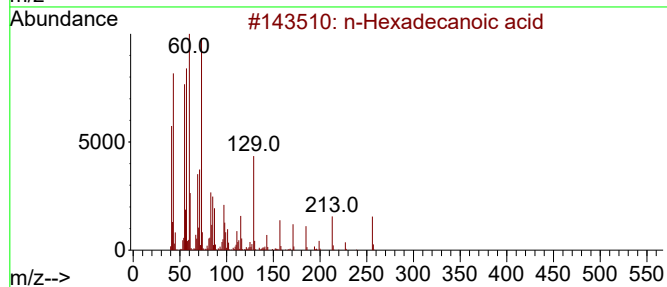
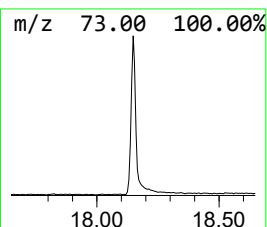
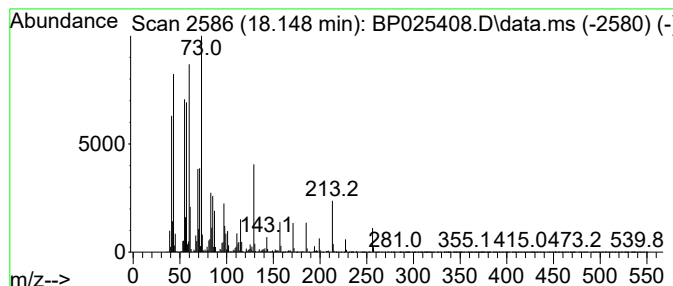
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.148	14.84 ng	1429800	Phenanthrene-d10		17.201	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid		228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	93
4	Tridecanoic acid		214	C13H26O2	000638-53-9	92
5	n-Decanoic acid		172	C10H20O2	000334-48-5	76



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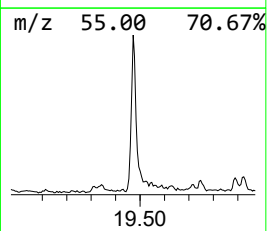
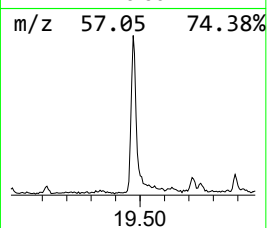
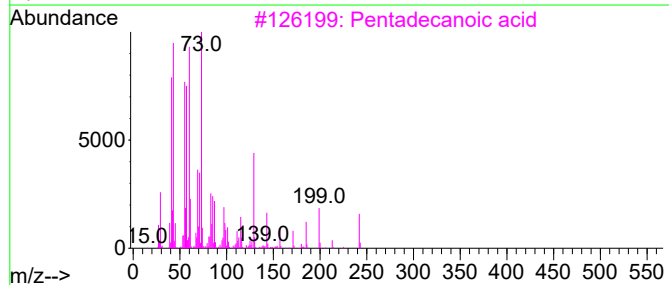
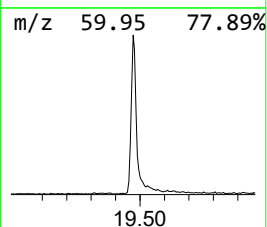
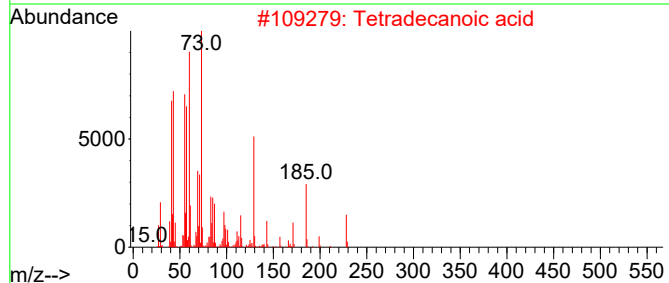
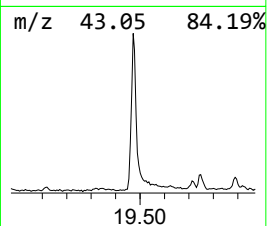
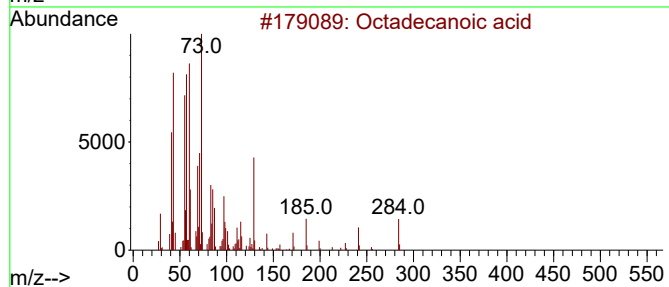
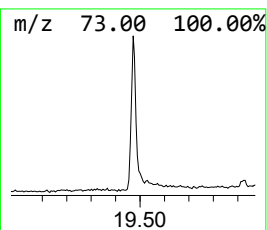
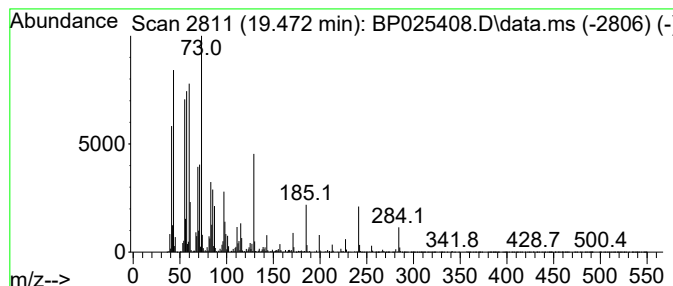
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TIC Library : C:\Database\NIST20.L
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Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.472	8.51 ng	986168	Chrysene-d12	21.636

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



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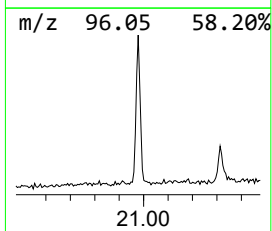
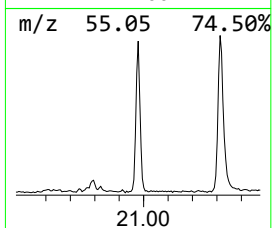
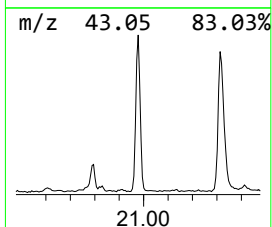
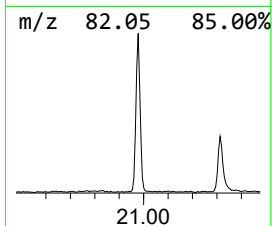
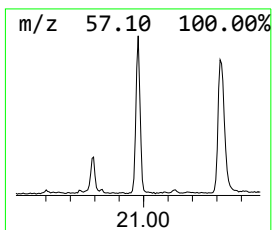
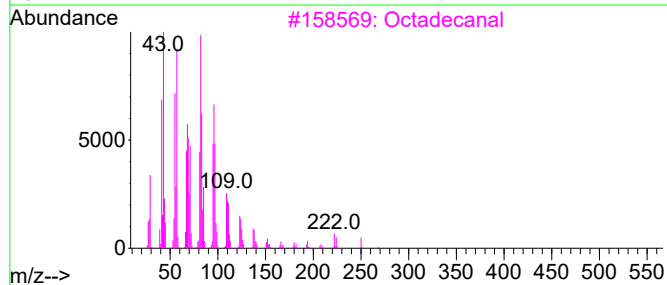
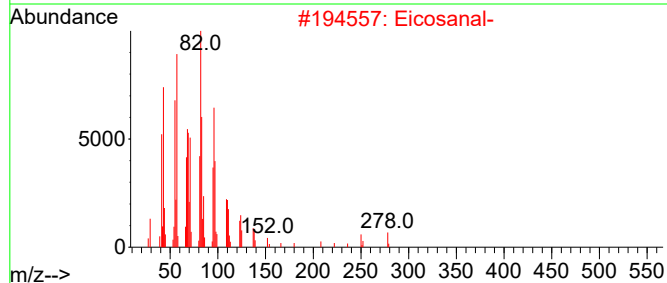
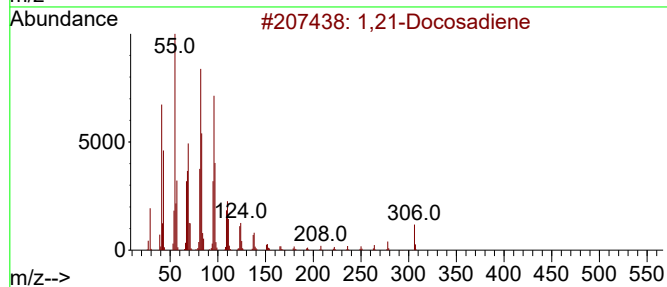
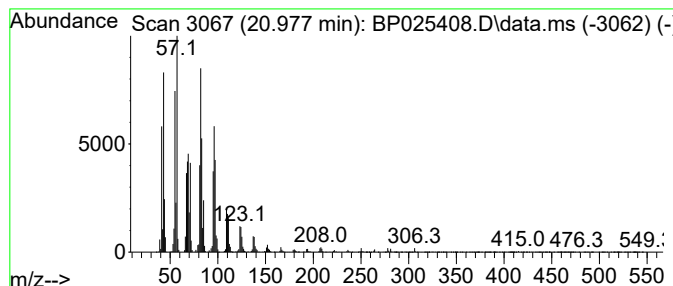
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1,21-Docosadiene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.977	8.35 ng	967507	Chrysene-d12	21.636

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,21-Docosadiene	306	C22H42	053057-53-7	98
2		Eicosanal-	296	C20H40O	002400-66-0	94
3		Octadecanal	268	C18H36O	000638-66-4	91
4		Octacosanal	408	C28H56O	022725-64-0	91
5		Heptadecanal	254	C17H34O	1000376-70-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025408.D
Acq On : 15 Aug 2025 01:00
Operator : CG/JU
Sample : Q2820-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-DUP-2

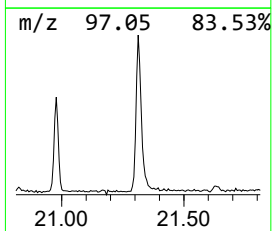
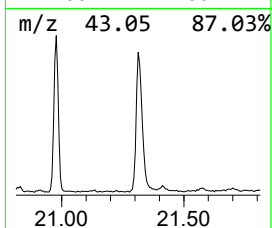
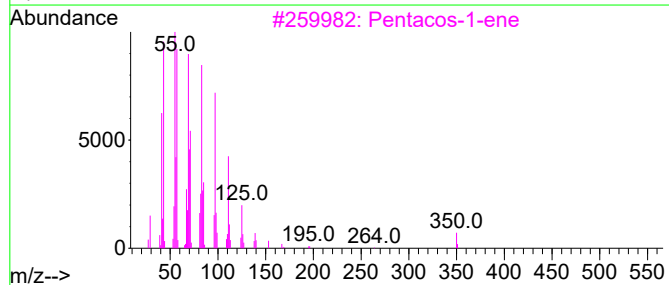
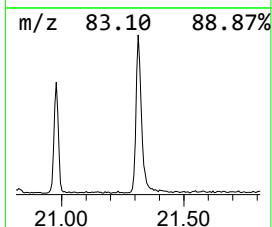
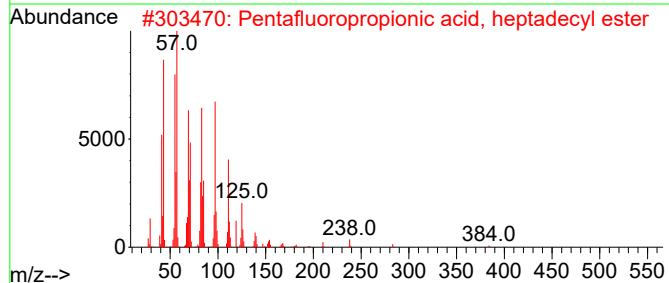
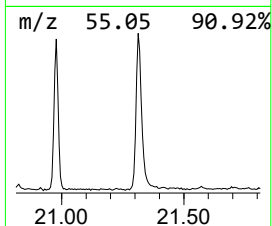
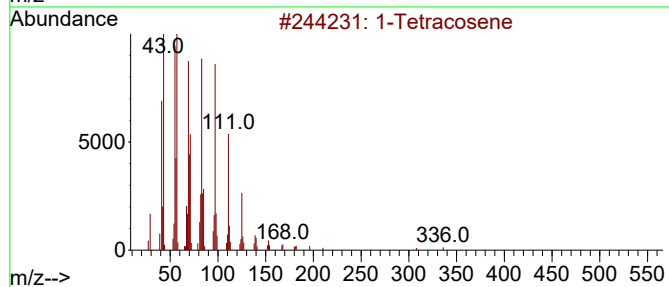
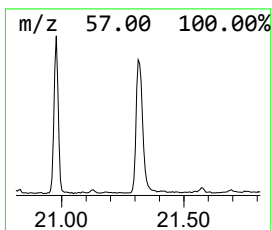
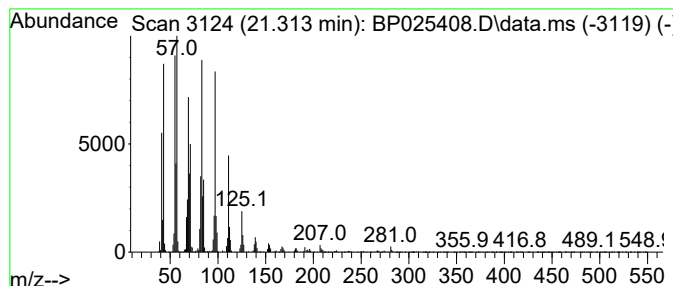
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Tetracosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.313	9.84 ng	1141090	Chrysene-d12	21.636

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene			336	C24H48	010192-32-2	95
2	Pentafluoropropionic acid, hepta...			402	C20H35F5O2	959218-78-1	94
3	Pentacos-1-ene			350	C25H50	016980-85-1	94
4	Trifluoroacetic acid, pentadecyl...			324	C17H31F3O2	959010-23-2	94
5	Behenic alcohol			326	C22H46O	000661-19-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025408.D
Acq On : 15 Aug 2025 01:00
Operator : CG/JU
Sample : Q2820-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-DUP-2

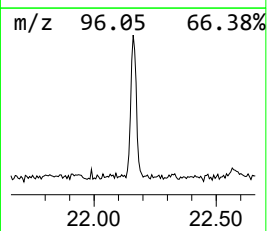
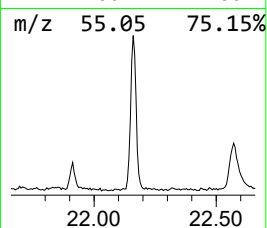
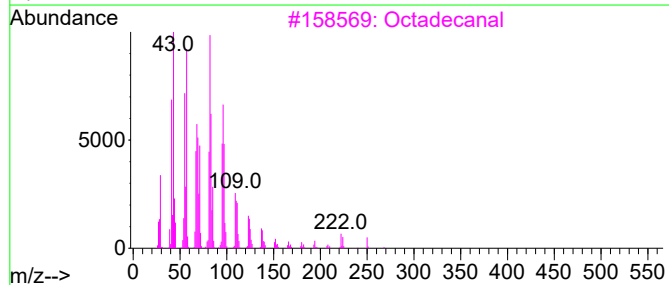
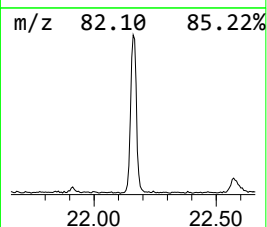
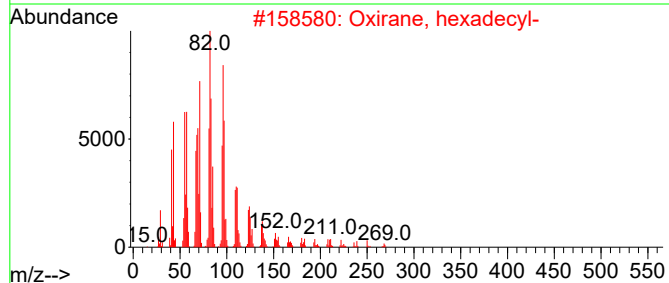
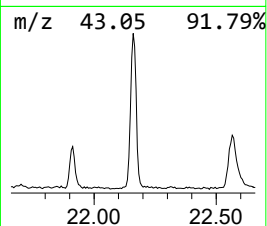
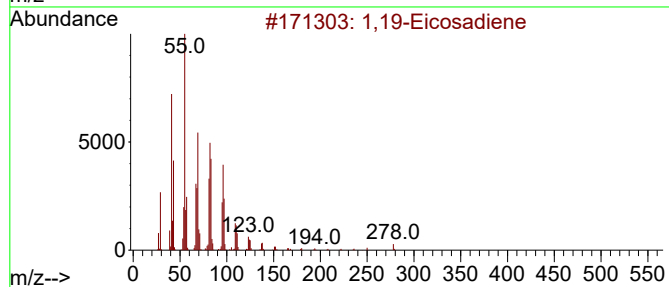
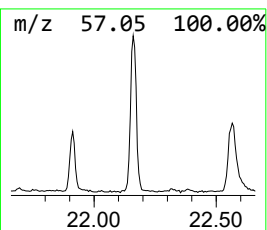
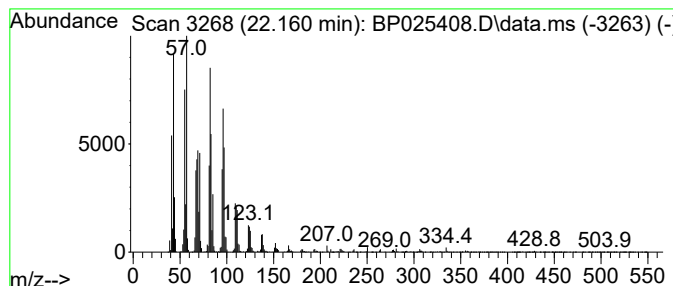
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1,19-Eicosadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.160	8.25 ng	956661	Chrysene-d12	21.636

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,19-Eicosadiene	278	C20H38	014811-95-1	95
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3			Octadecanal	268	C18H36O	000638-66-4	91
4			Docosanal	324	C22H44O	057402-36-5	91
5			Hexacosanal	380	C26H52O	026627-85-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025408.D
Acq On : 15 Aug 2025 01:00
Operator : CG/JU
Sample : Q2820-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-DUP-2

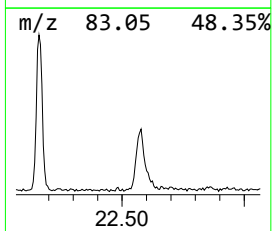
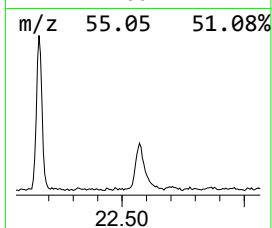
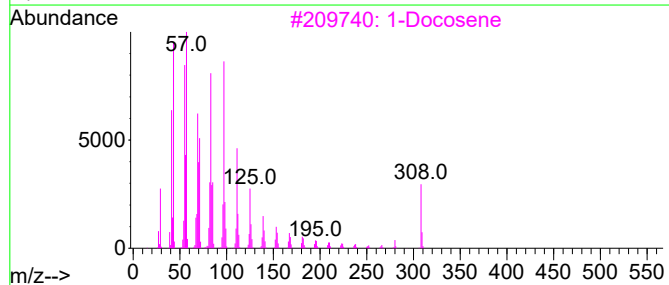
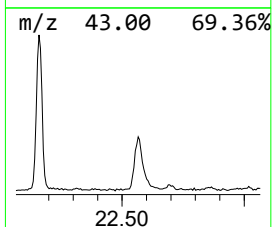
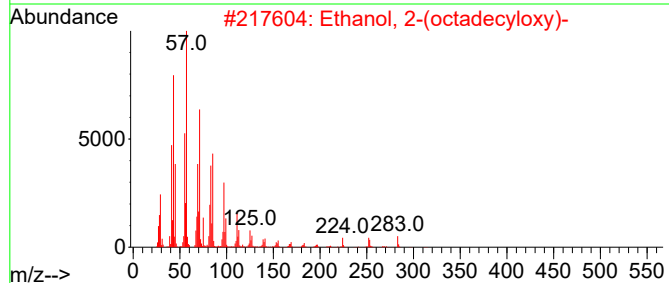
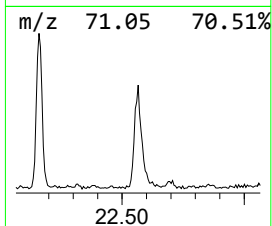
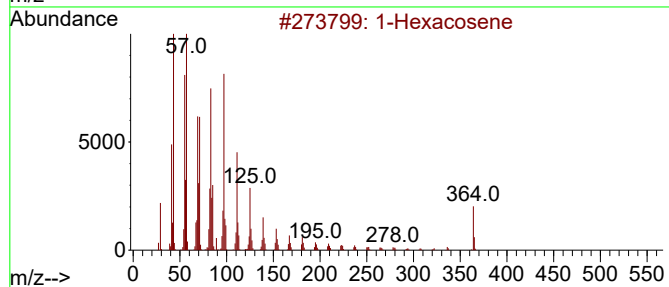
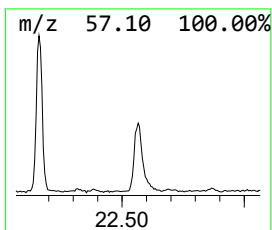
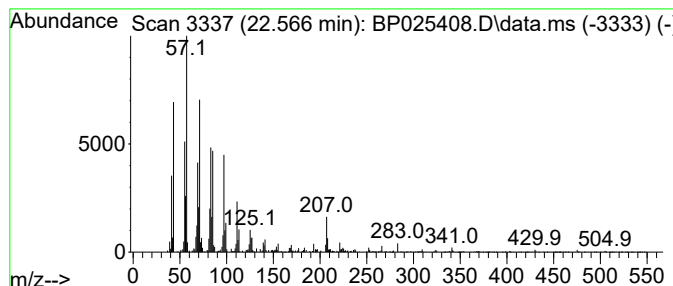
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Hexacosene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.566	3.51 ng	406806	Chrysene-d12	21.636

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene		364	C26H52	018835-33-1	93
2	Ethanol, 2-(octadecyloxy)-		314	C20H42O2	002136-72-3	93
3	1-Docosene		308	C22H44	001599-67-3	90
4	17-Pentatriacontene		491	C35H70	006971-40-0	90
5	Tetracosane		338	C24H50	000646-31-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025408.D
Acq On : 15 Aug 2025 01:00
Operator : CG/JU
Sample : Q2820-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-DUP-2

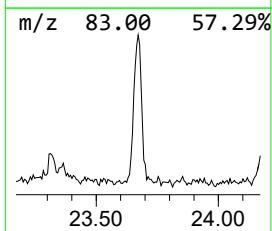
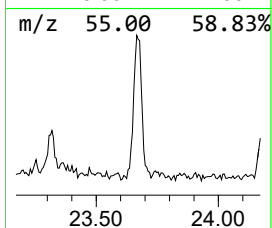
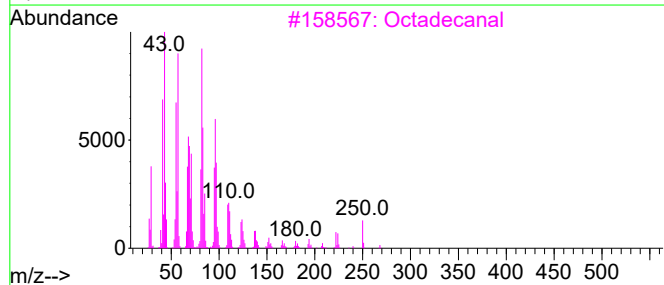
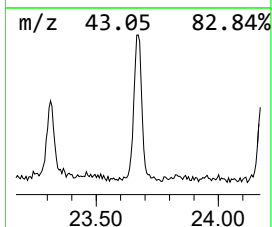
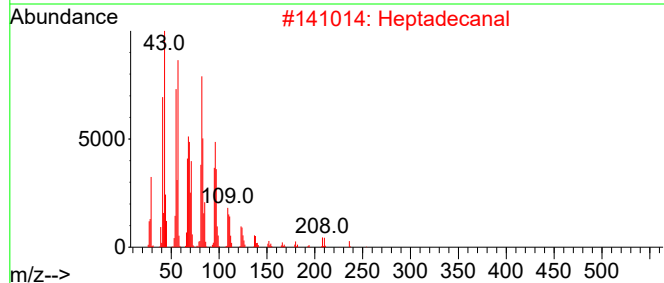
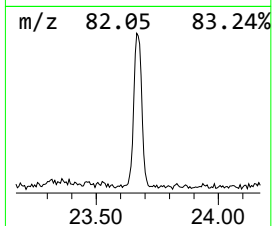
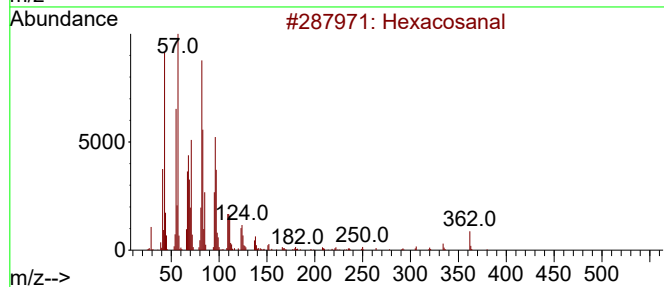
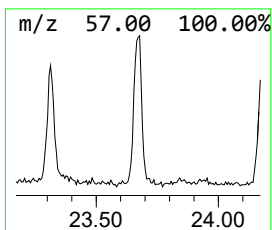
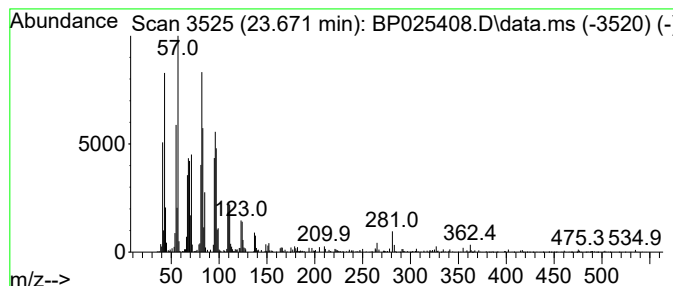
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexacosanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.672	3.01 ng	388054	Perylene-d12	24.983

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosanal	380	C26H52O	026627-85-0	98
2			Heptadecanal	254	C17H34O	1000376-70-0	93
3			Octadecanal	268	C18H36O	000638-66-4	90
4			(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	89
5			1,13-Tetradecadiene	194	C14H26	021964-49-8	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025408.D
Acq On : 15 Aug 2025 01:00
Operator : CG/JU
Sample : Q2820-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-DUP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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2-Pentanone, 4-...	4.949	7.8	ng	296716	1	7.790	759965	20.0
Benzophenone	15.784	7.1	ng	546579	3	14.401	1530920	20.0
n-Hexadecanoic ...	18.148	14.8	ng	1429800	4	17.201	1926670	20.0
Octadecanoic acid	19.472	8.5	ng	986168	5	21.636	2318440	20.0
1,21-Docosadiene	20.977	8.3	ng	967507	5	21.636	2318440	20.0
1-Tetracosene	21.313	9.8	ng	1141090	5	21.636	2318440	20.0
1,19-Eicosadiene	22.160	8.3	ng	956661	5	21.636	2318440	20.0
1-Hexacosene	22.566	3.5	ng	406806	5	21.636	2318440	20.0
Hexacosanal	23.672	3.0	ng	388054	6	24.983	2578850	20.0