

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025523.D
 Acq On : 21 Aug 2025 01:56
 Operator : CG/JU
 Sample : Q2820-23
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 22M-E

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: BP025523.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.043	13	18	33	rVB	1284718	1566911	30.88%	4.126%
2	4.949	336	342	351	rVB	173444	245349	4.84%	0.646%
3	5.408	413	420	434	rBV	1985057	2877697	56.71%	7.578%
4	6.966	676	685	701	rBV	1841134	2885289	56.86%	7.598%
5	7.784	814	824	832	rBV	616519	1011287	19.93%	2.663%
6	8.919	1009	1017	1031	rBV	1224654	2061474	40.63%	5.428%
7	10.555	1287	1295	1308	rBV	734094	1324316	26.10%	3.487%
8	13.013	1705	1713	1729	rBV	2936996	3743811	73.78%	9.858%
9	14.401	1942	1949	1956	rBV	1176772	1631491	32.15%	4.296%
10	15.778	2177	2183	2191	rBV	385530	588083	11.59%	1.549%
11	15.907	2198	2205	2226	rBV	2140386	3144366	61.97%	8.280%
12	16.354	2276	2281	2291	rVB	36730	54717	1.08%	0.144%
13	17.195	2417	2424	2434	rBV	1372838	1917447	37.79%	5.049%
14	18.136	2579	2584	2593	rBV	409858	628686	12.39%	1.655%
15	18.466	2635	2640	2653	rVB4	24138	60531	1.19%	0.159%
16	19.366	2789	2793	2799	rVB	352029	430153	8.48%	1.133%
17	19.460	2805	2809	2818	rBV	157926	219545	4.33%	0.578%
18	19.613	2830	2835	2841	rBV	567512	683671	13.47%	1.800%
19	19.742	2853	2857	2862	rVB	97783	119864	2.36%	0.316%
20	19.913	2881	2886	2892	rBV	4182494	5074164	100.00%	13.362%
21	20.260	2941	2945	2948	rVB	80237	88587	1.75%	0.233%
22	20.495	2981	2985	2990	rBV	226595	275122	5.42%	0.724%
23	20.707	3017	3021	3026	rBV	465779	557827	10.99%	1.469%
24	20.778	3030	3033	3037	rVV	129849	146917	2.90%	0.387%
25	21.295	3117	3121	3133	rBV2	498671	929228	18.31%	2.447%
26	21.630	3172	3178	3186	rVB	1545468	2369794	46.70%	6.240%
27	21.895	3219	3223	3227	rVB	181131	245453	4.84%	0.646%
28	22.542	3329	3333	3346	rVB2	173309	362129	7.14%	0.954%
29	24.989	3740	3749	3766	rVB2	911355	2731787	53.84%	7.194%

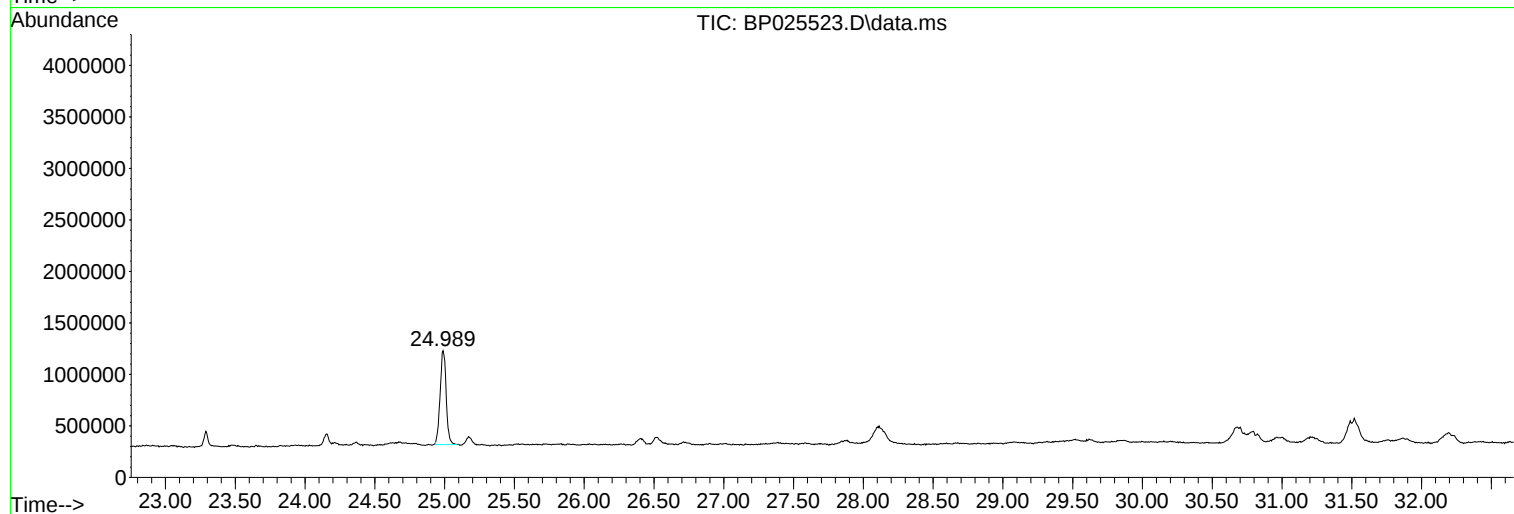
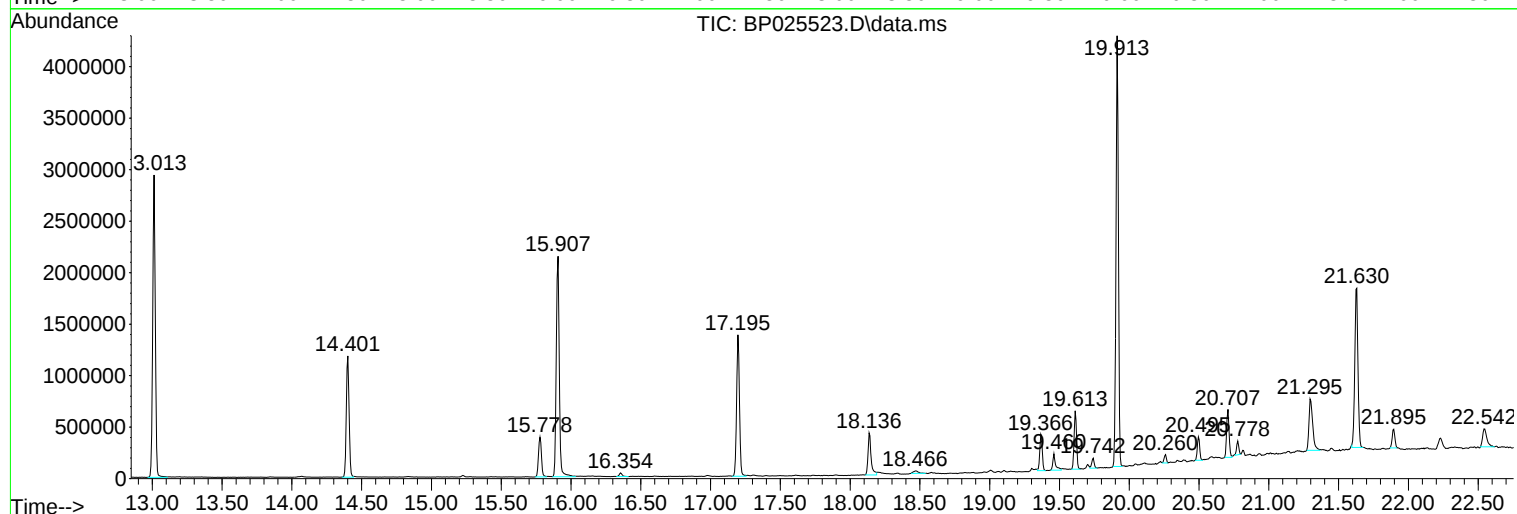
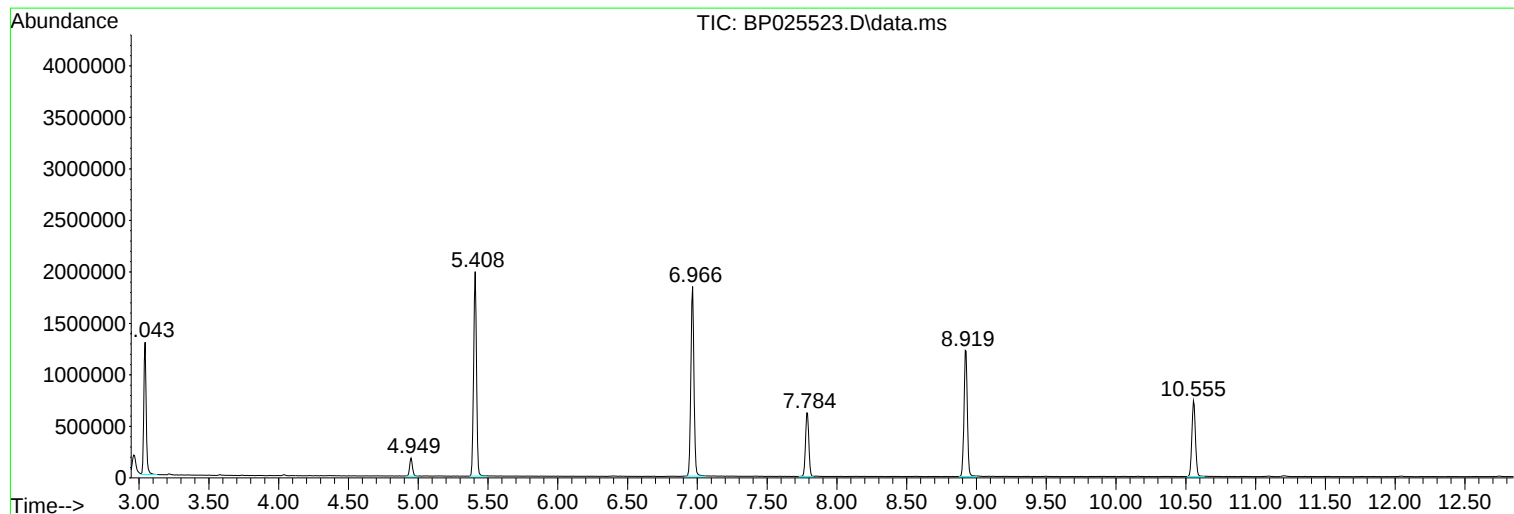
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ALS Vial : 13 Sample Multiplier: 1

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BNA_P
ClientSampleId :
22M-E

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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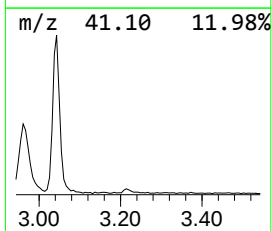
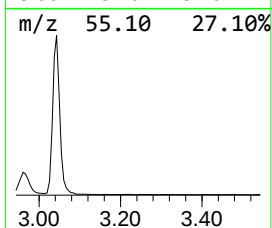
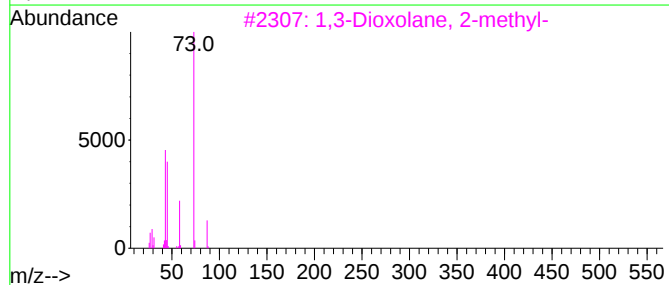
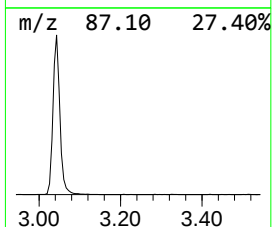
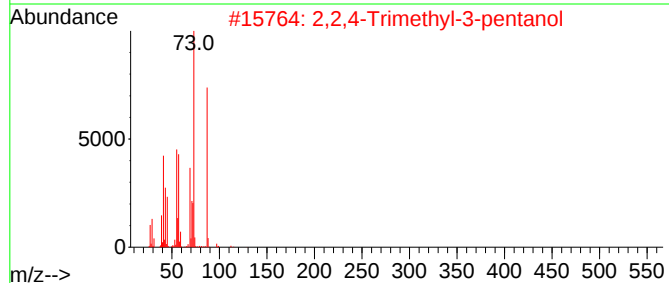
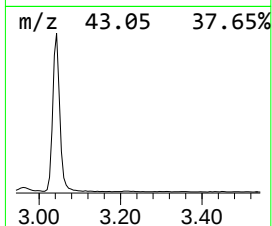
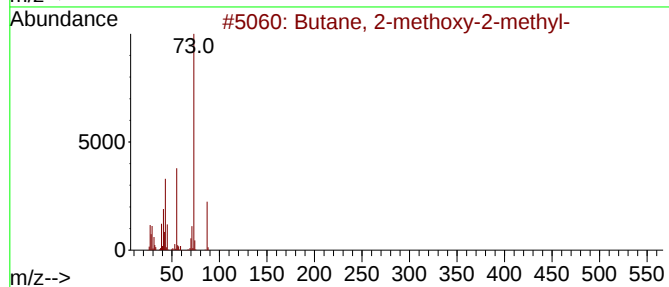
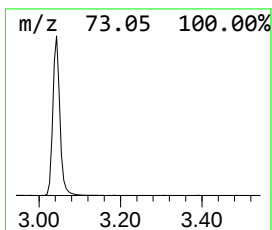
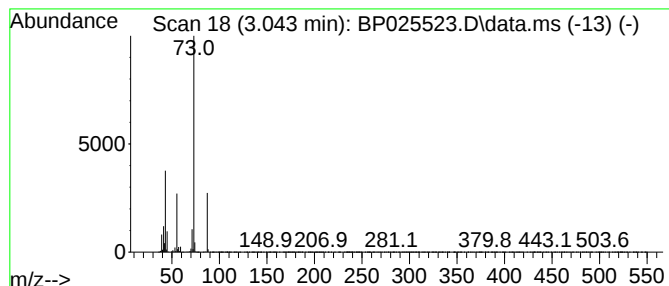
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	30.99 ng	1566910	1,4-Dichlorobenzene-d4	7.784

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			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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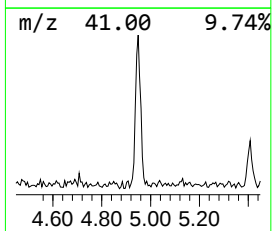
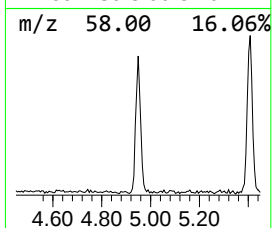
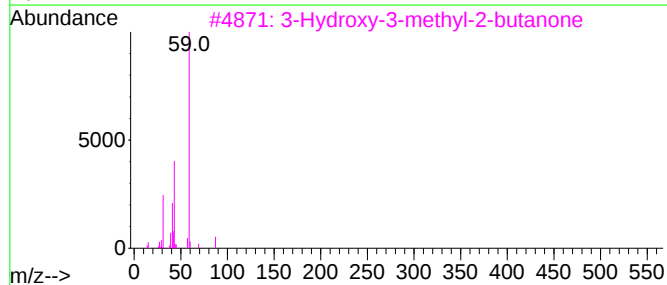
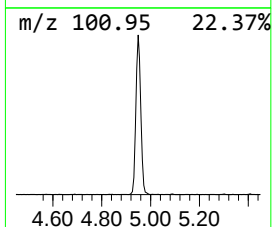
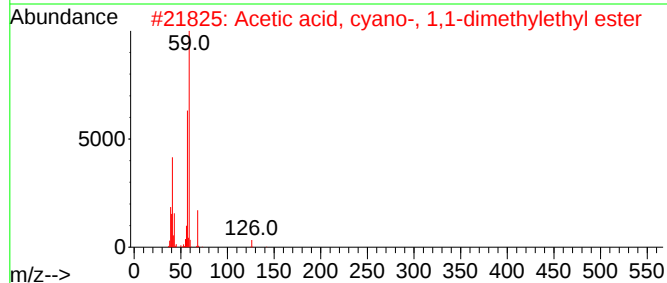
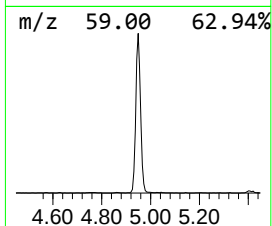
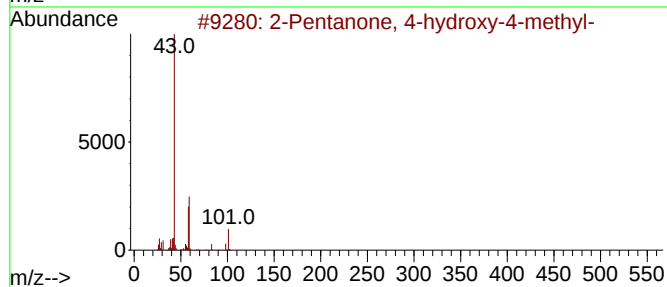
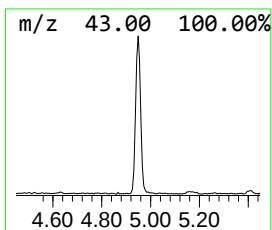
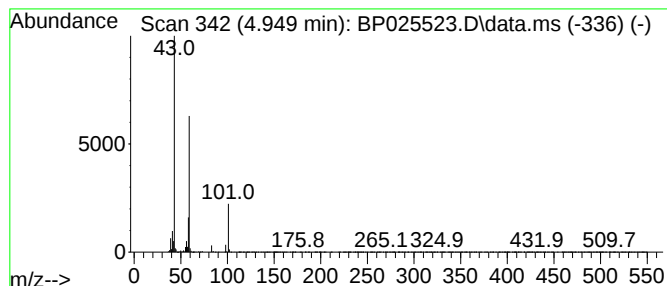
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.949	4.85 ng	245349	1,4-Dichlorobenzene-d4	7.784

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4		Hexanamide	115	C6H13NO	000628-02-4	16
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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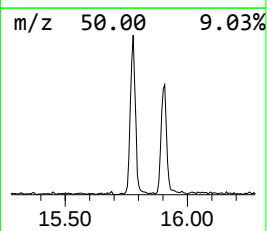
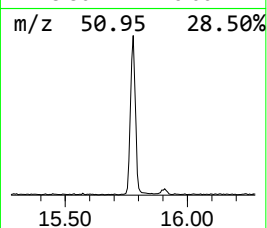
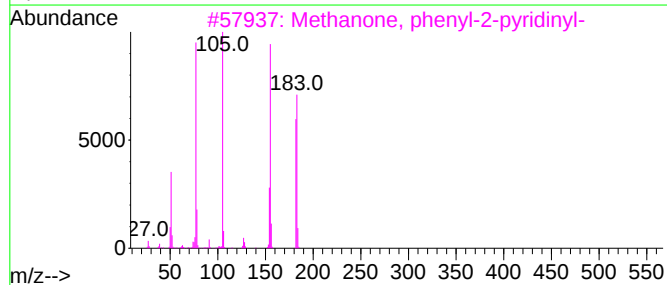
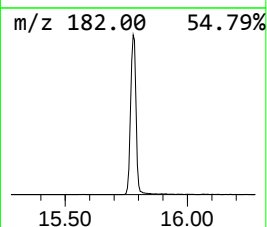
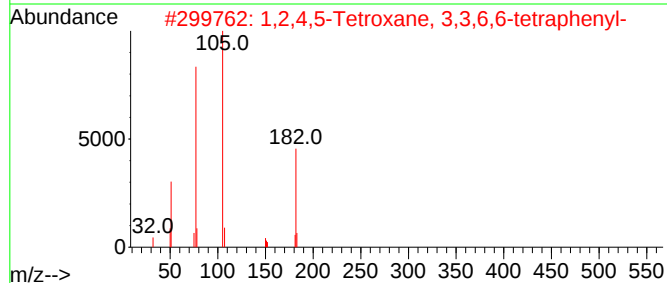
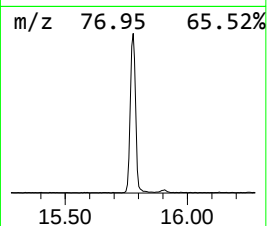
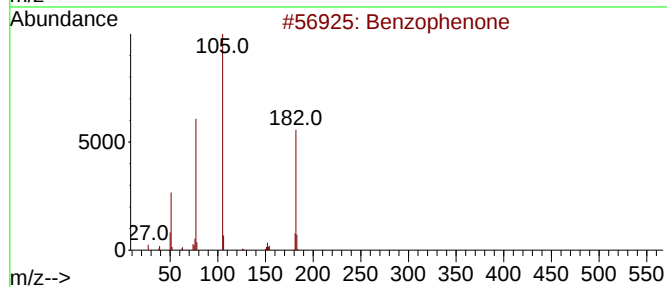
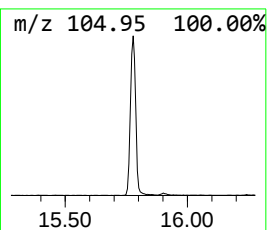
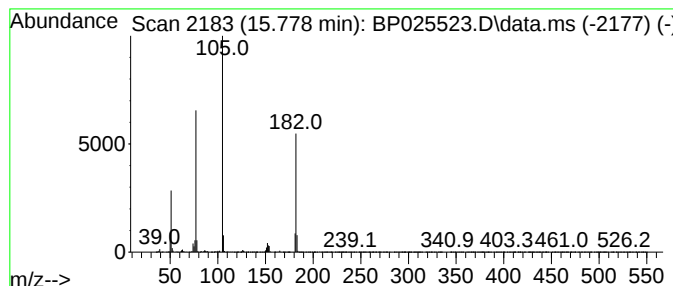
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	7.21 ng	588083	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	78
3			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	64
4			Azobenzene	182	C12H10N2	000103-33-3	42
5			2-Hydroxyfluorene	182	C13H10O	002443-58-5	22



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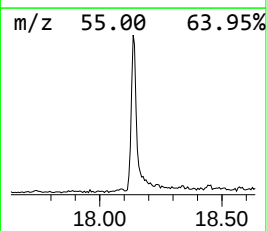
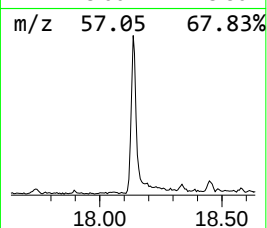
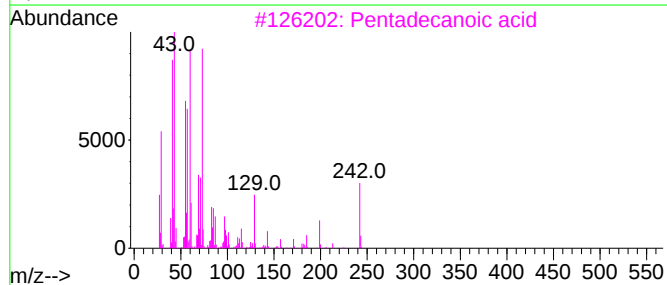
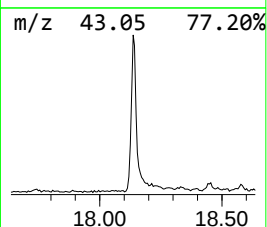
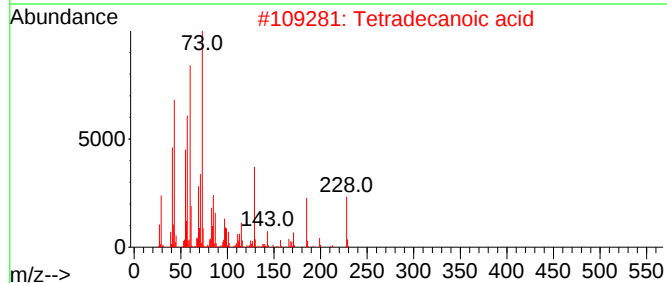
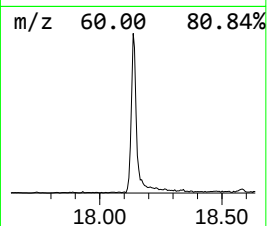
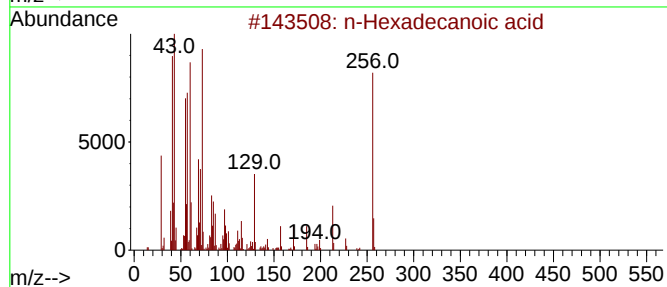
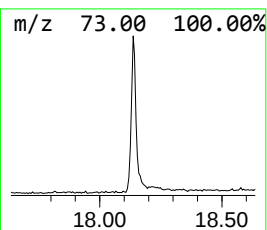
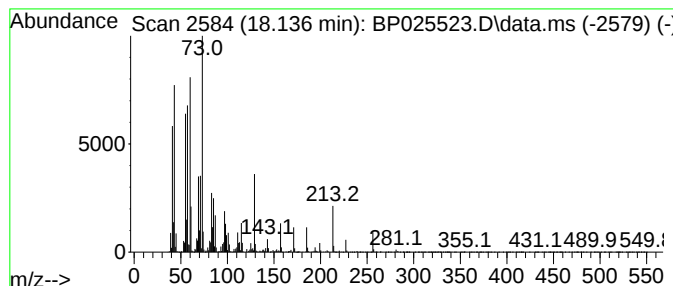
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.137	6.56 ng	628686	Phenanthrene-d10	17.195

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	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tridecanoic acid	214	C13H26O2	000638-53-9	89
5			Octadecanoic acid	284	C18H36O2	000057-11-4	89



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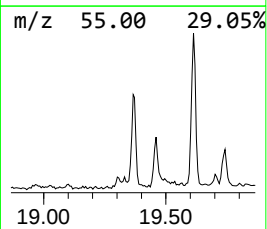
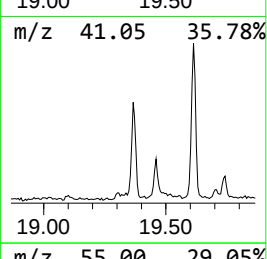
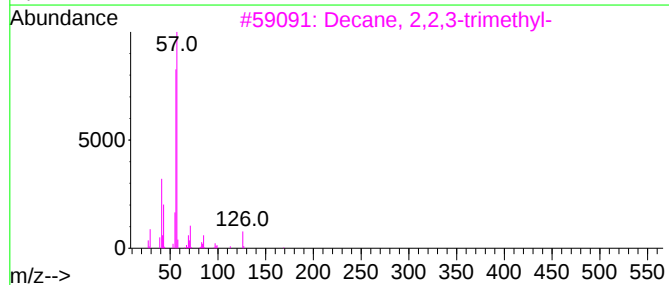
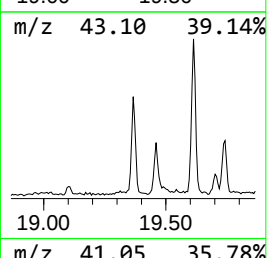
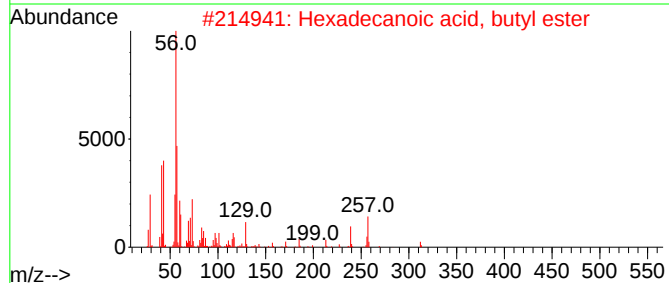
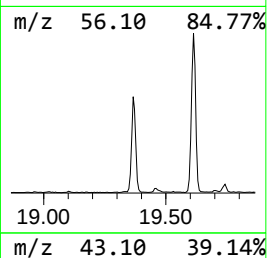
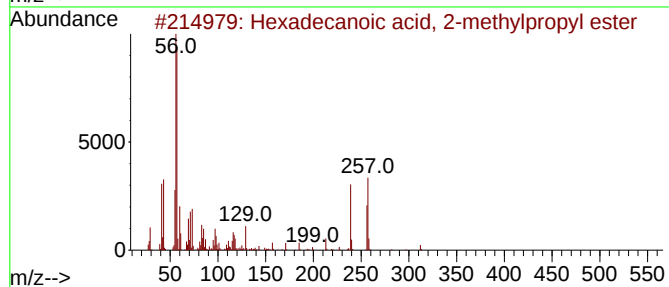
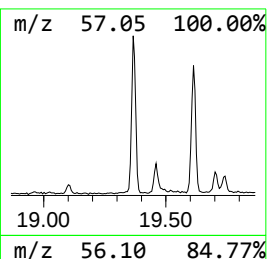
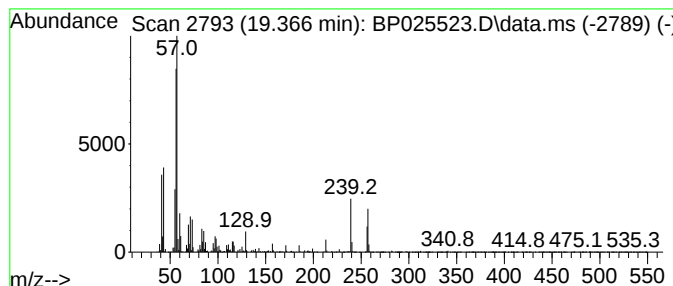
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Hexadecanoic acid, 2-methyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.366	4.49 ng	430153	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	90
2			Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	64
3			Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	38
4			1-Hexene, 4-methyl-	98	C7H14	003769-23-1	38
5			Pentane, 3-methyl-	86	C6H14	000096-14-0	35



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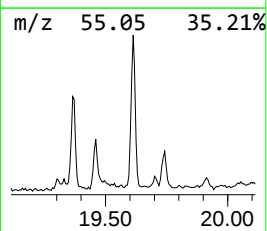
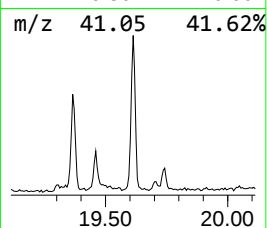
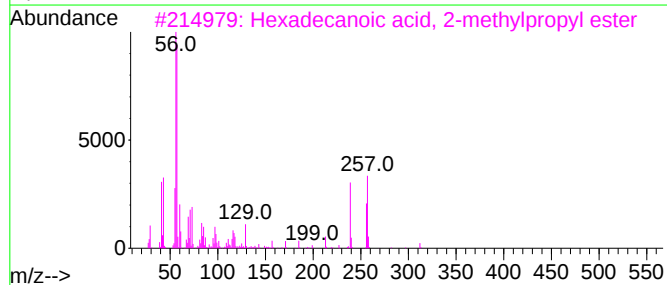
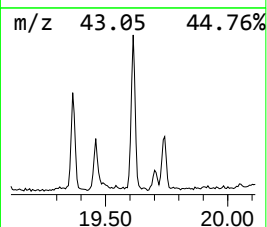
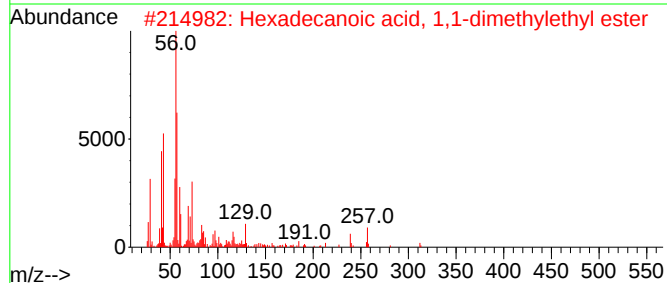
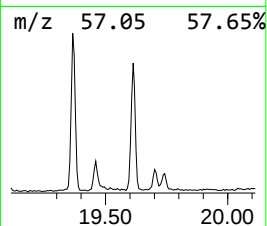
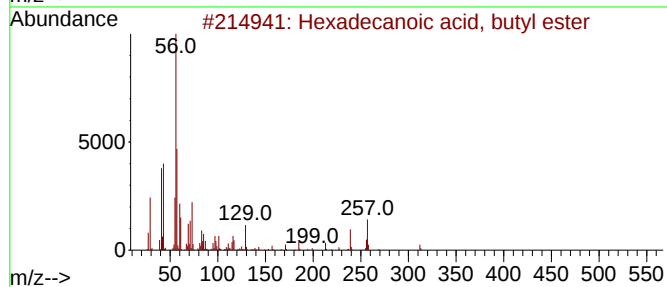
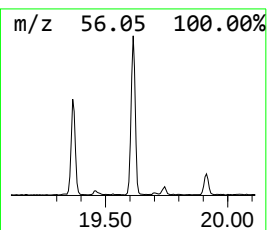
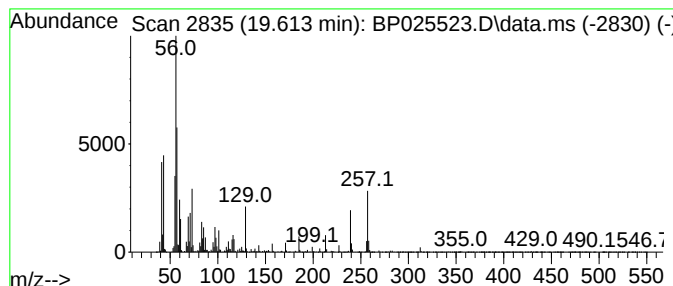
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.613	5.77 ng	683671	Chrysene-d12	21.630

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	98
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
3		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	90
4		Nipecotic acid	129	C6H11NO2	000498-95-3	47
5		Piperidin-4-carboxylic acid	129	C6H11NO2	000498-94-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025523.D
Acq On : 21 Aug 2025 01:56
Operator : CG/JU
Sample : Q2820-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22M-E

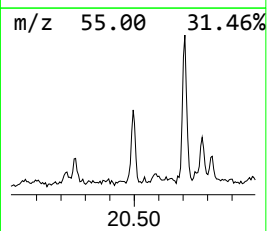
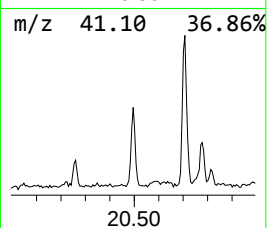
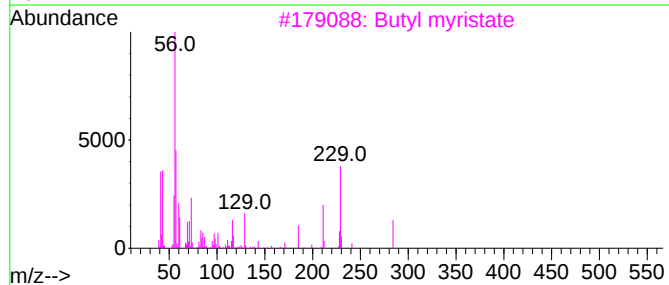
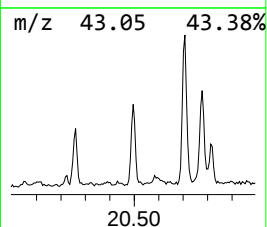
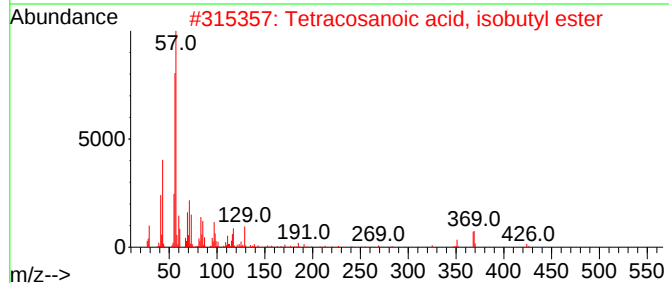
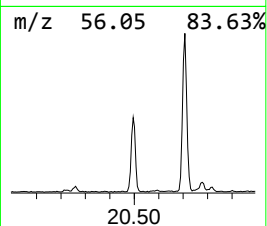
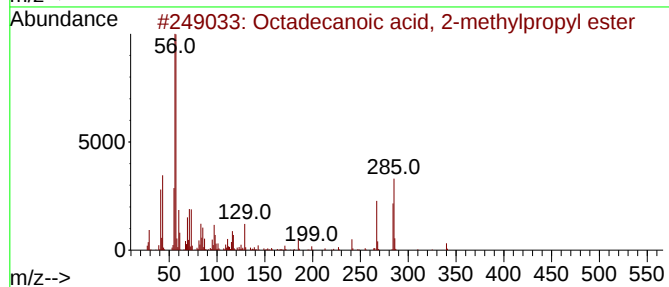
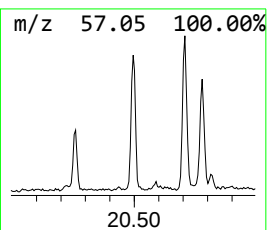
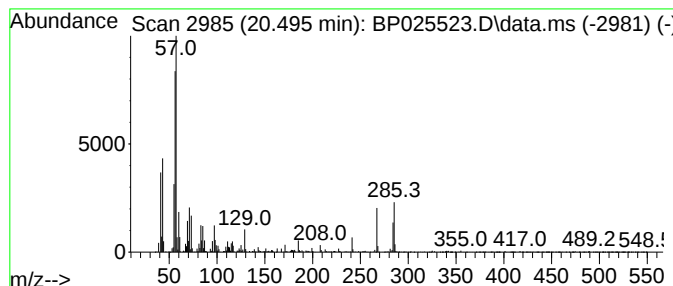
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid, 2-methyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.495	2.32 ng	275122	Chrysene-d12	21.630

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	90
2			Tetracosanoic acid, isobutyl ester	424	C28H56O2	1010405-17-3	70
3			Butyl myristate	284	C18H36O2	000110-36-1	47
4			Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	43
5			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025523.D
Acq On : 21 Aug 2025 01:56
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Sample : Q2820-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
22M-E

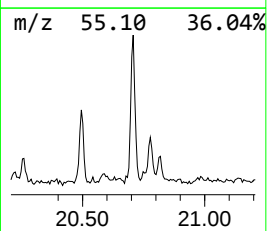
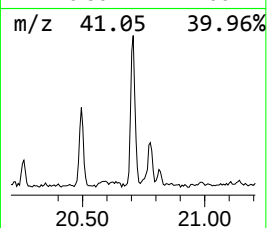
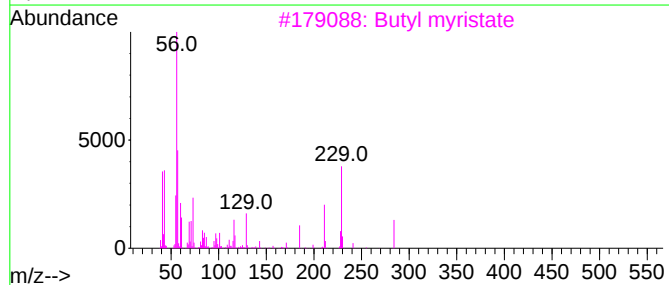
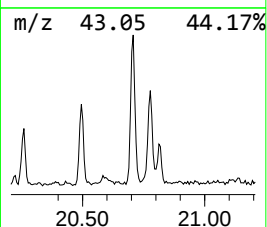
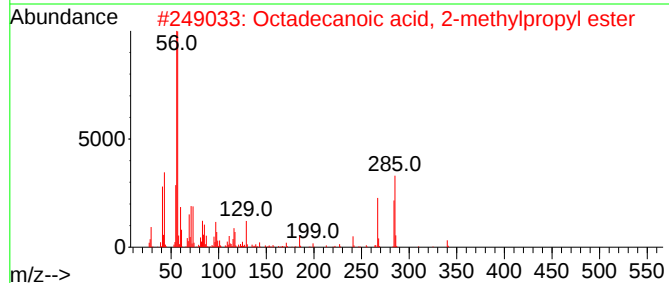
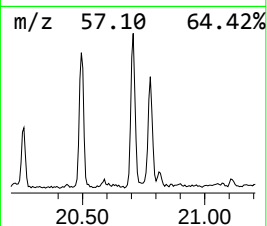
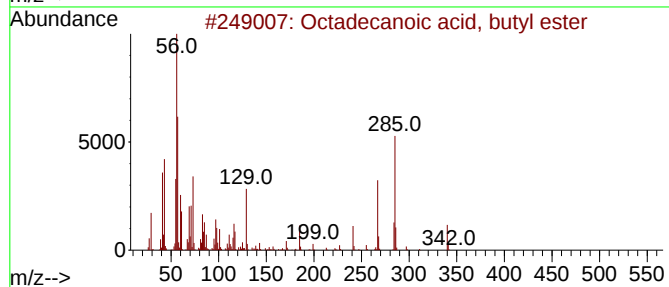
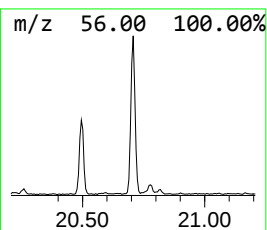
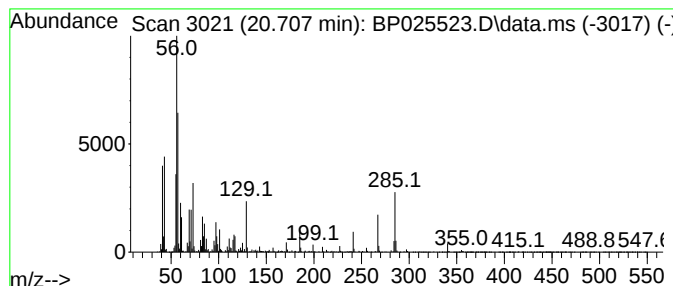
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.707	4.71 ng	557827	Chrysene-d12	21.630

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	96
2			Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	89
3			Butyl myristate	284	C18H36O2	000110-36-1	52
4			Nipecotic acid	129	C6H11NO2	000498-95-3	47
5			Undecane, 5-methylene-	168	C12H24	005698-48-6	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
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Operator : CG/JU
Sample : Q2820-23
Misc :
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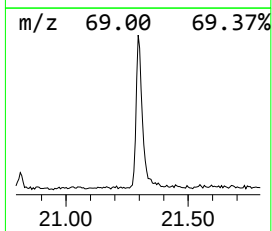
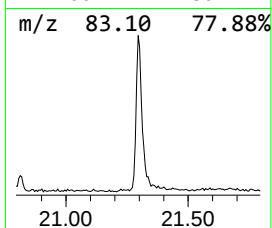
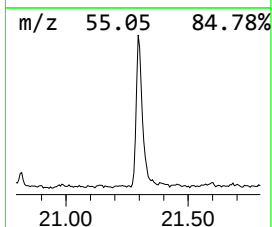
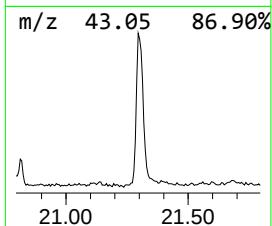
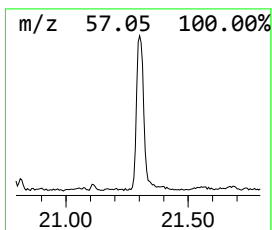
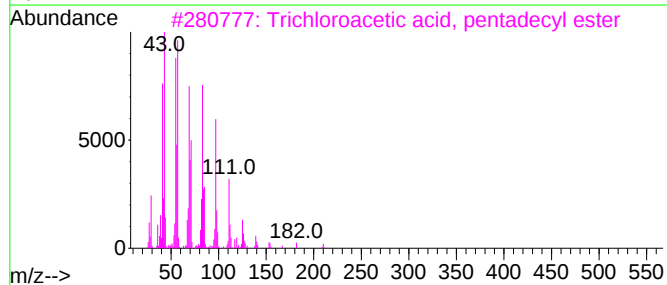
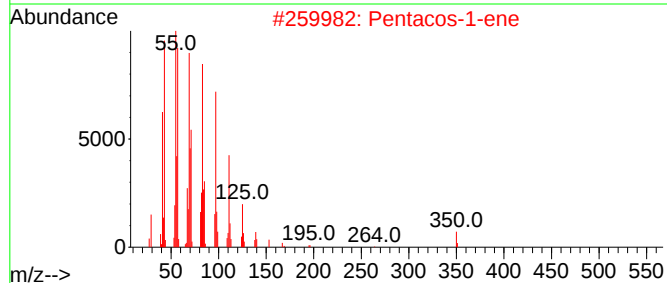
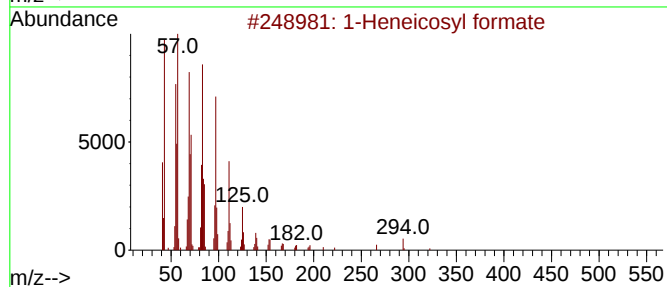
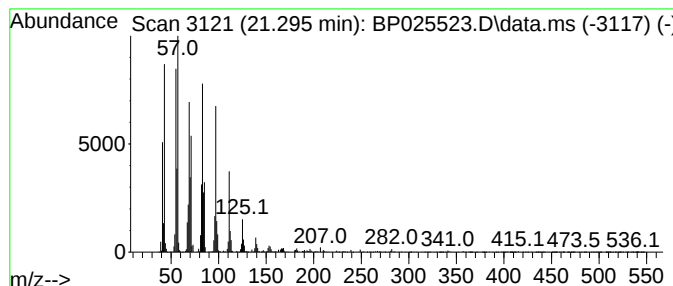
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.295	7.84 ng	929228	Chrysene-d12	21.630	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
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Acq On : 21 Aug 2025 01:56
Operator : CG/JU
Sample : Q2820-23
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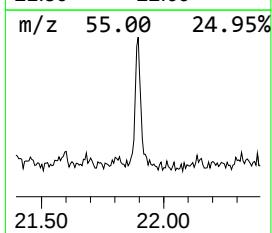
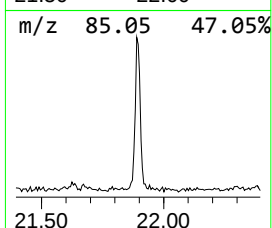
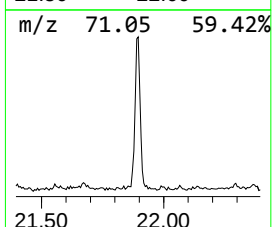
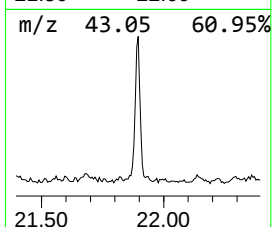
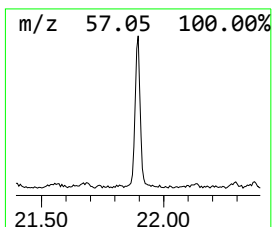
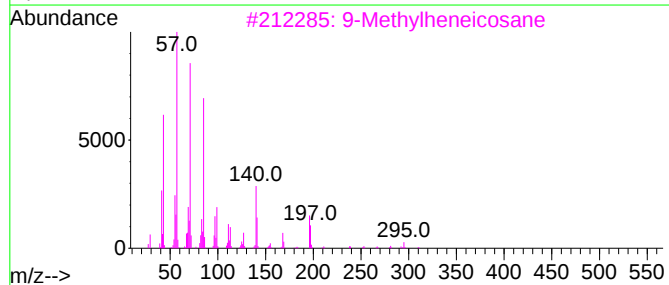
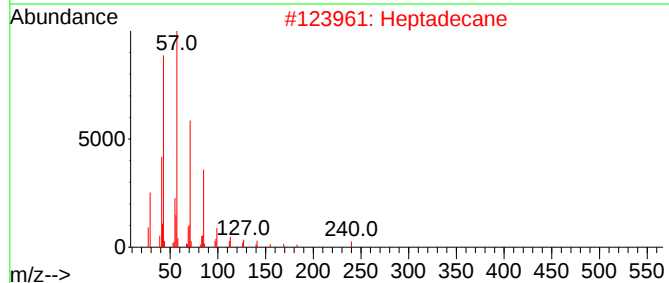
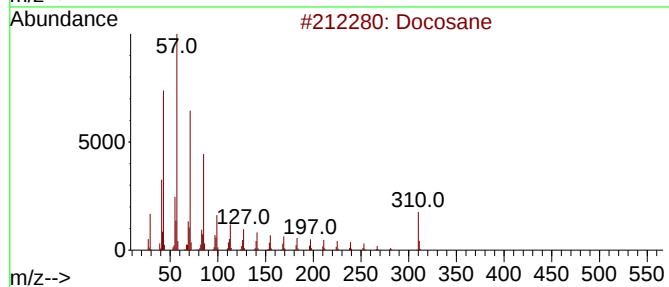
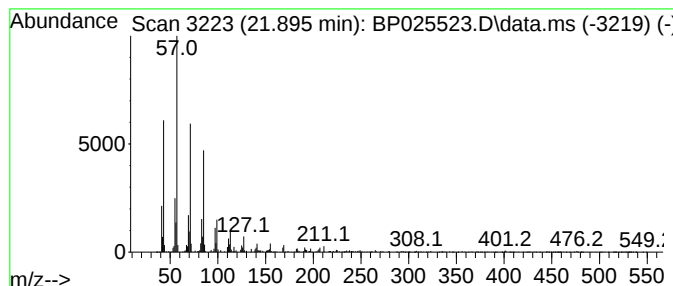
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.895	2.07 ng	245453	Chrysene-d12	21.630	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	9-Methylheneicosane	310	C22H46	070475-51-3	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5	Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025523.D
Acq On : 21 Aug 2025 01:56
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Sample : Q2820-23
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Instrument :
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ClientSampleId :
22M-E

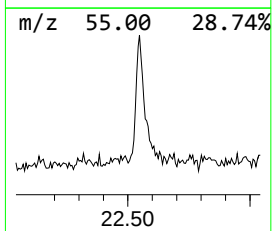
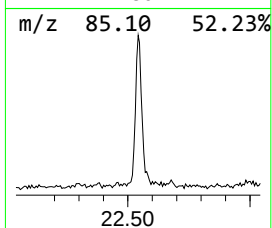
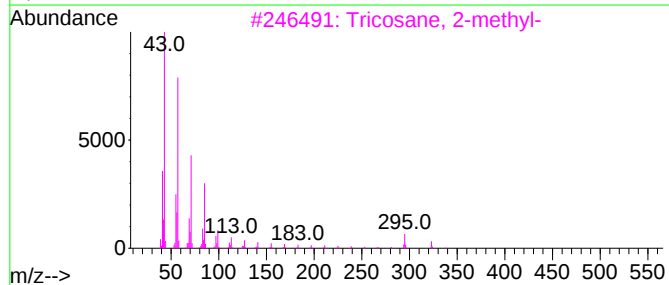
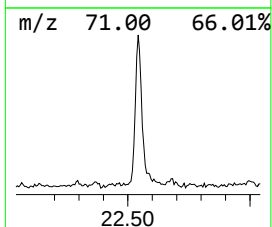
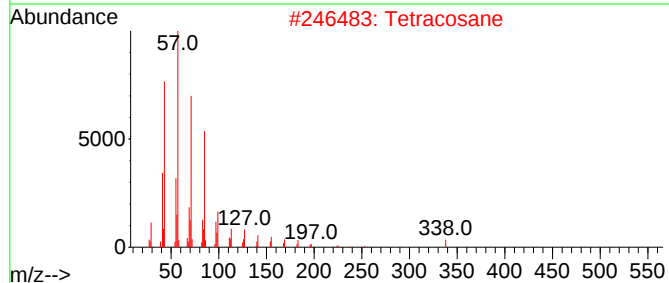
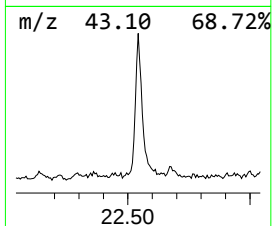
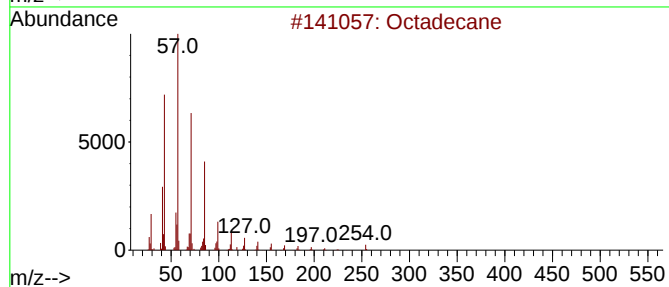
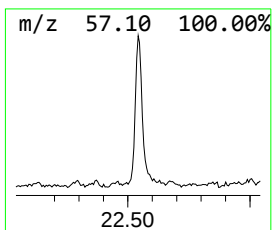
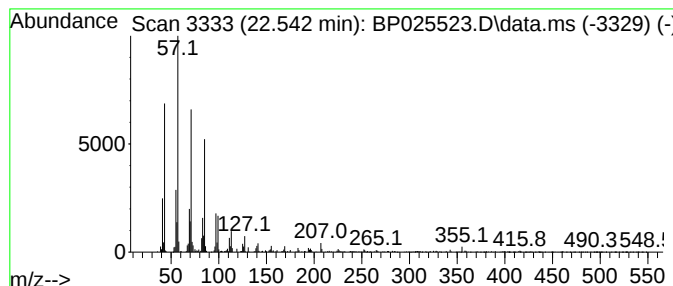
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.542	3.06 ng	362129	Chrysene-d12	21.630

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	96
2			Tetracosane	338	C24H50	000646-31-1	96
3			Tricosane, 2-methyl-	338	C24H50	001928-30-9	90
4			Octacosane	394	C28H58	000630-02-4	87
5			Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025523.D
Acq On : 21 Aug 2025 01:56
Operator : CG/JU
Sample : Q2820-23
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22M-E

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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
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2-Pentanone, 4-...	4.949	4.8	ng	245349	1	7.784	1011290	20.0
Benzophenone	15.778	7.2	ng	588083	3	14.401	1631490	20.0
n-Hexadecanoic ...	18.137	6.6	ng	628686	4	17.195	1917450	20.0
Hexadecanoic ac...	19.366	4.5	ng	430153	4	17.195	1917450	20.0
Hexadecanoic ac...	19.613	5.8	ng	683671	5	21.630	2369790	20.0
Octadecanoic ac...	20.495	2.3	ng	275122	5	21.630	2369790	20.0
Octadecanoic ac...	20.707	4.7	ng	557827	5	21.630	2369790	20.0
1-Heneicosyl fo...	21.295	7.8	ng	929228	5	21.630	2369790	20.0
Docosane	21.895	2.1	ng	245453	5	21.630	2369790	20.0
Octadecane	22.542	3.1	ng	362129	5	21.630	2369790	20.0