

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
 Data File : BP025321.D
 Acq On : 07 Aug 2025 19:56
 Operator : CG/JU
 Sample : Q2783-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT5414

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-BP080525.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025321.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.966	3	5	14	rVB	120352	190584	2.32%	0.384%
2	3.043	14	18	30	rVB	535409	708459	8.61%	1.426%
3	4.949	337	342	349	rVB	128832	179993	2.19%	0.362%
4	5.408	413	420	428	rBV	1354458	1979268	24.04%	3.983%
5	6.960	677	684	693	rBV	1377531	2162623	26.27%	4.352%
6	7.802	819	827	835	rBV	1110416	1736221	21.09%	3.494%
7	8.937	1013	1020	1029	rBV	847626	1422890	17.29%	2.863%
8	10.572	1290	1298	1305	rBV	1411743	2539003	30.84%	5.109%
9	13.031	1710	1716	1723	rBV	2358870	3345666	40.64%	6.732%
10	14.136	1898	1904	1911	rBV	137255	227030	2.76%	0.457%
11	14.419	1944	1952	1959	rBV	2508574	3304039	40.14%	6.649%
12	14.984	2040	2048	2050	rBV	152503	355217	4.32%	0.715%
13	15.301	2098	2102	2106	rVB	62165	86180	1.05%	0.173%
14	15.795	2181	2186	2195	rVB	231115	353365	4.29%	0.711%
15	15.925	2202	2208	2219	rBV	1814639	2439934	29.64%	4.910%
16	17.213	2421	2427	2432	rBV2	2519660	3866124	46.97%	7.780%
17	17.254	2432	2434	2440	rVB	351728	435020	5.28%	0.875%
18	17.348	2446	2450	2456	rVB	123944	194986	2.37%	0.392%
19	17.807	2524	2528	2534	rVB	82173	114156	1.39%	0.230%
20	18.113	2577	2580	2583	rBV	115205	163388	1.98%	0.329%
21	18.160	2583	2588	2596	rVB2	591388	971549	11.80%	1.955%
22	18.242	2600	2602	2608	rVB	60873	86185	1.05%	0.173%
23	18.313	2609	2614	2618	rBV2	196744	372447	4.52%	0.749%
24	18.354	2619	2621	2625	rVB	115049	124179	1.51%	0.250%
25	19.083	2741	2745	2750	rBV	152952	248039	3.01%	0.499%
26	19.136	2751	2754	2758	rVV3	115450	171969	2.09%	0.346%
27	19.213	2764	2767	2772	rBV	126405	190576	2.32%	0.383%
28	19.342	2784	2789	2795	rBV	643927	991214	12.04%	1.995%
29	19.489	2810	2814	2819	rBV3	403981	603655	7.33%	1.215%
30	19.589	2828	2831	2842	rVB3	113755	236538	2.87%	0.476%
31	19.701	2846	2850	2855	rBV	815584	1126701	13.69%	2.267%
32	19.930	2884	2889	2902	rVB	5979212	8231807	100.00%	16.565%
33	20.395	2964	2968	2972	rBV	181627	291960	3.55%	0.587%
34	20.542	2991	2993	2997	rVB	184230	187779	2.28%	0.378%
35	21.336	3125	3128	3142	rVB4	275983	724629	8.80%	1.458%
36	21.654	3175	3182	3187	rBV2	2974383	5048664	61.33%	10.159%

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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_P\Methods\8270E-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37 25.042 3750 3758 3767 rVB 1642650 4283297 52.03% 8.619%

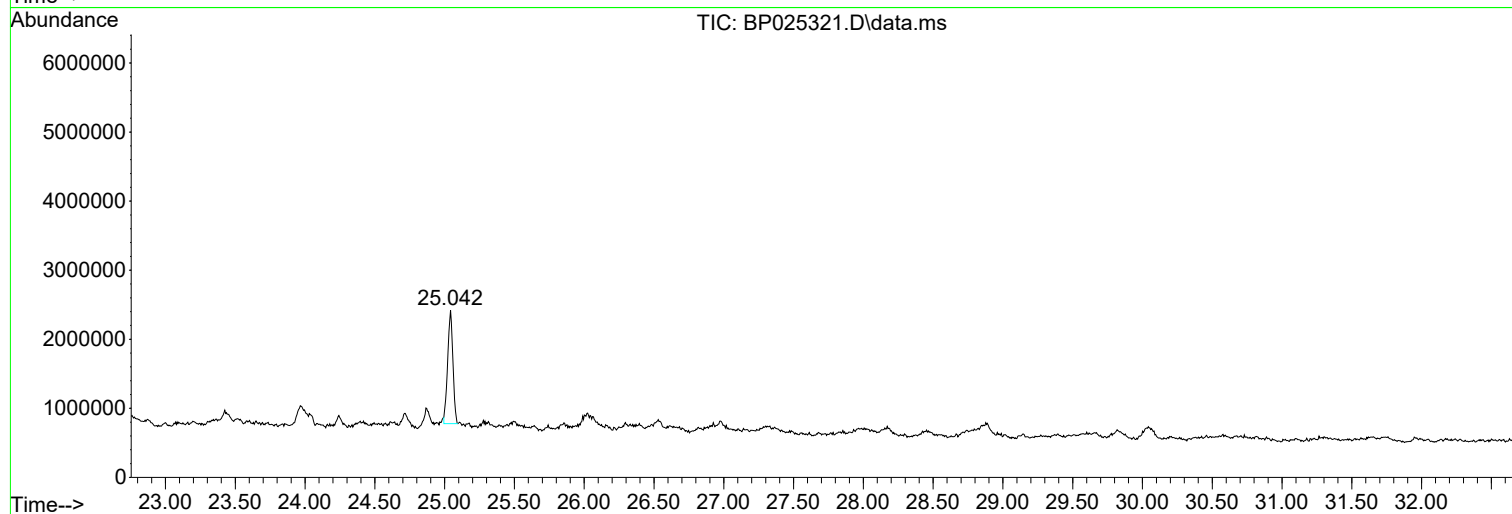
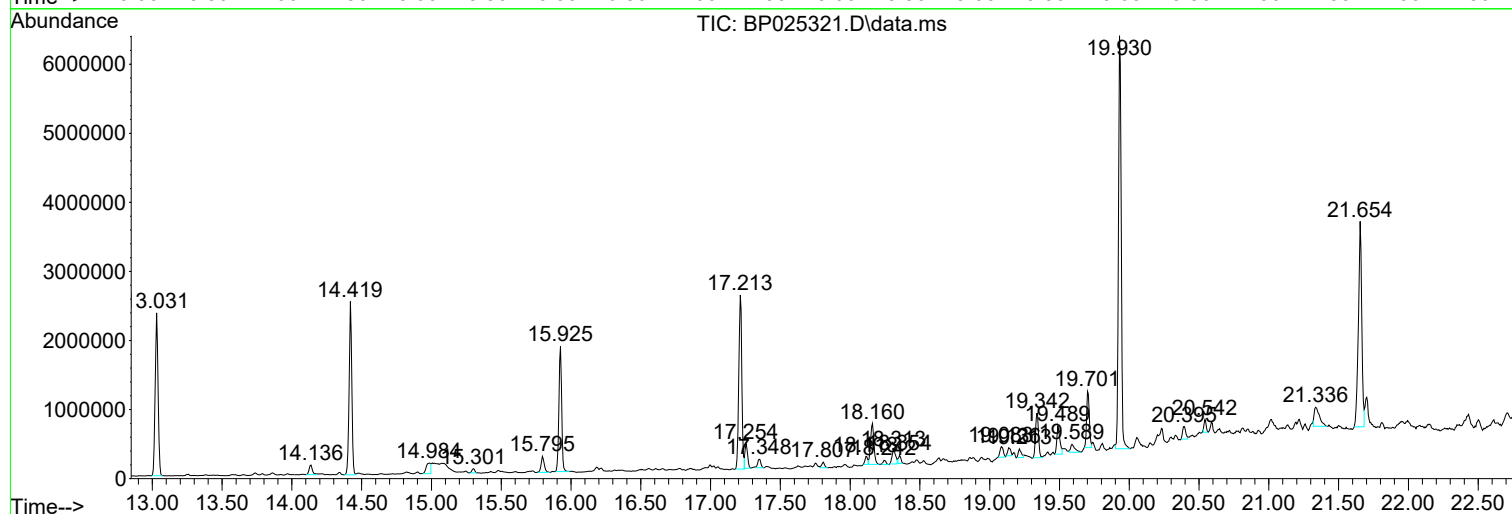
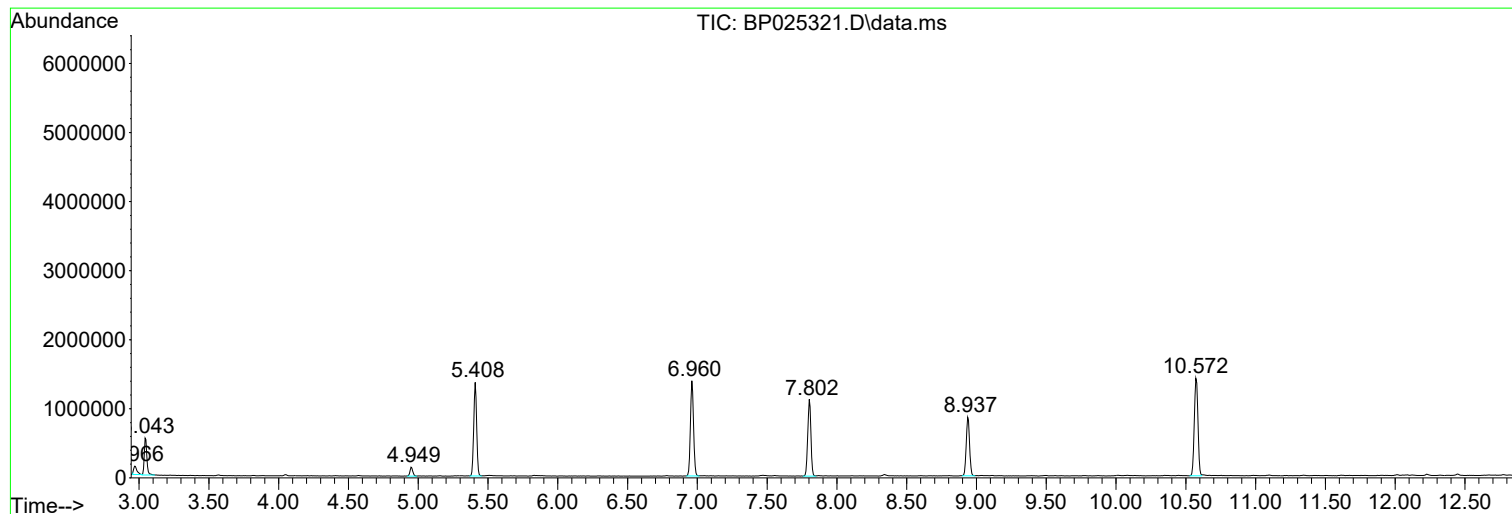
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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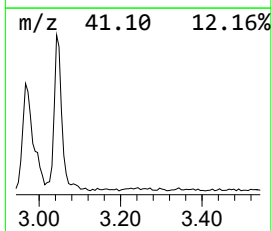
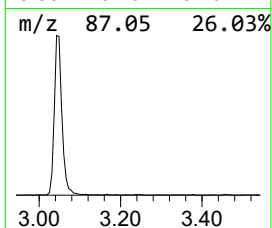
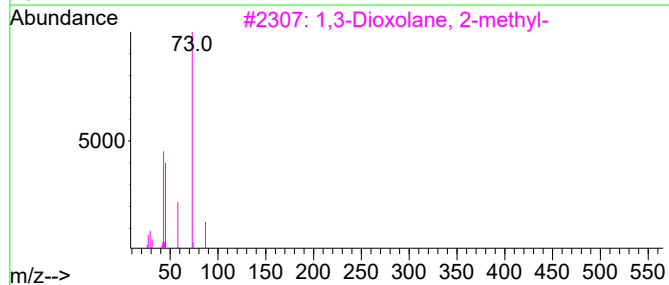
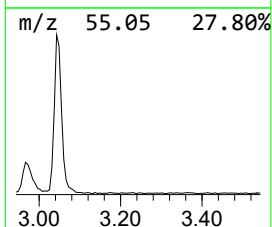
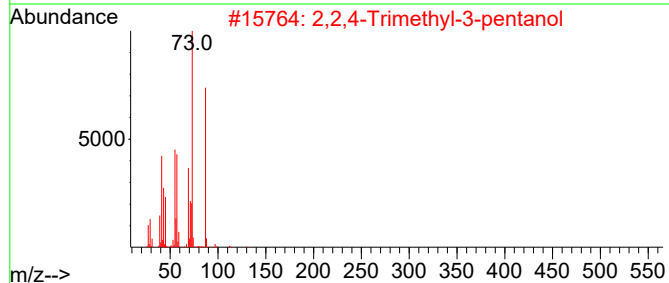
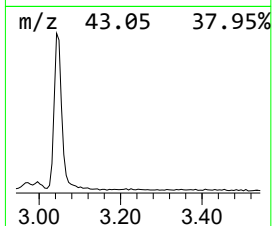
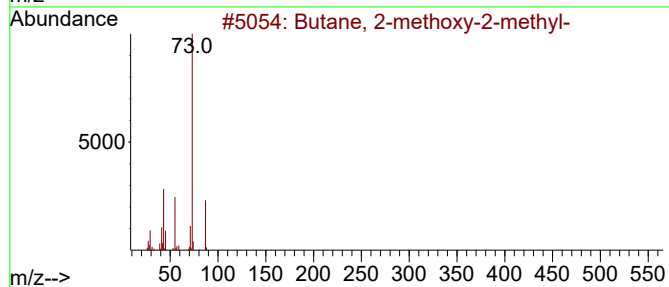
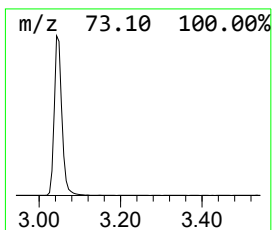
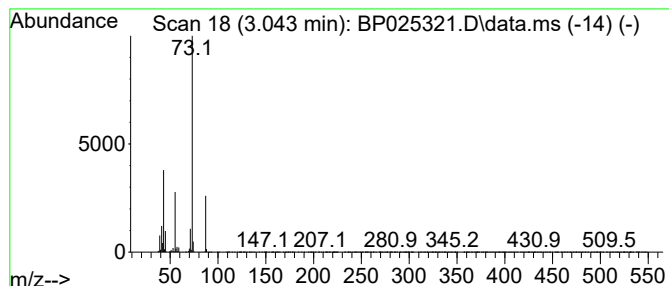
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	8.16 ng	708459	1,4-Dichlorobenzene-d4	7.802

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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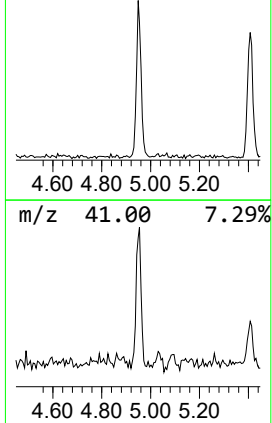
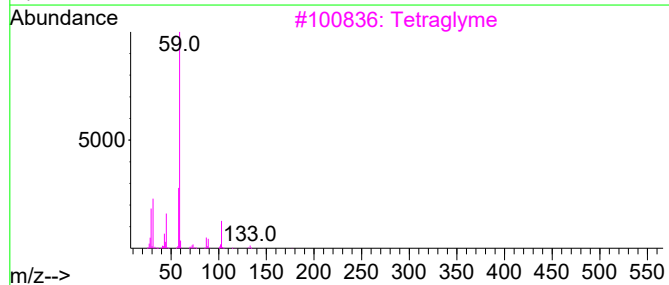
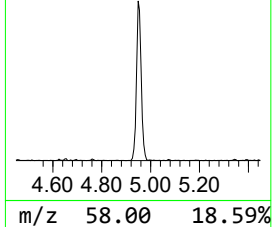
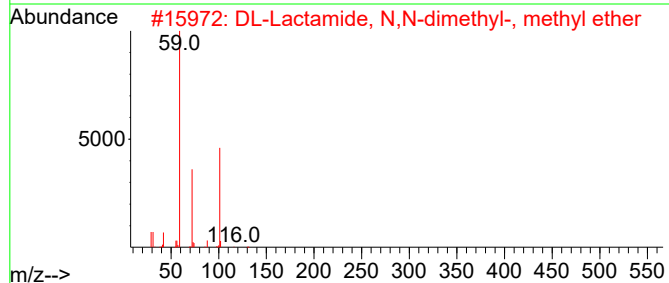
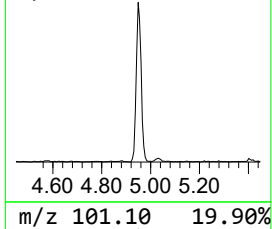
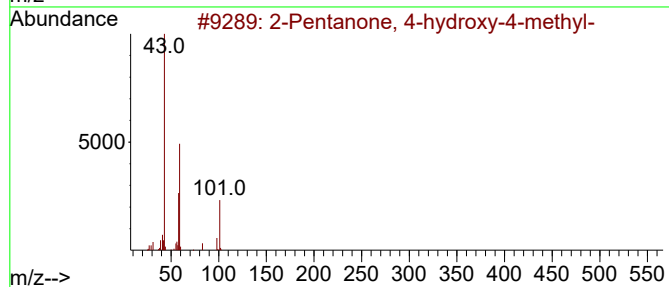
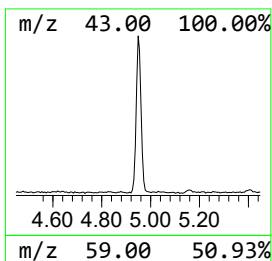
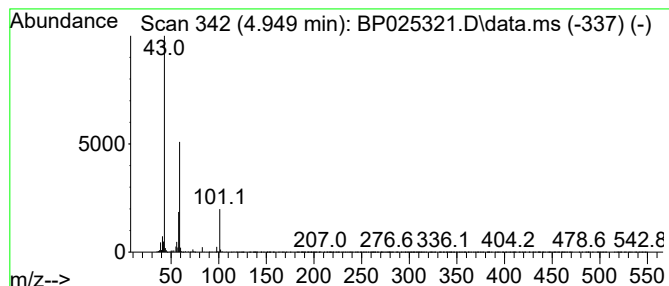
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.949	2.07 ng	179993	1,4-Dichlorobenzene-d4	7.802

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2			DL-Lactamide, N,N-dimethyl-, met...	131	C6H13NO2	1000452-57-0	28
3			Tetraglyme	222	C10H22O5	000143-24-8	25
4			2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	23
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



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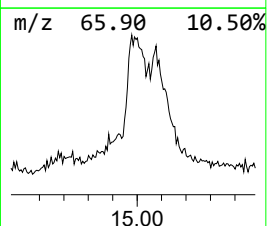
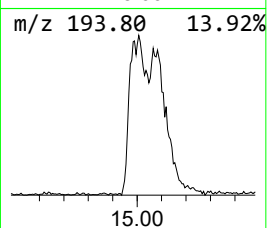
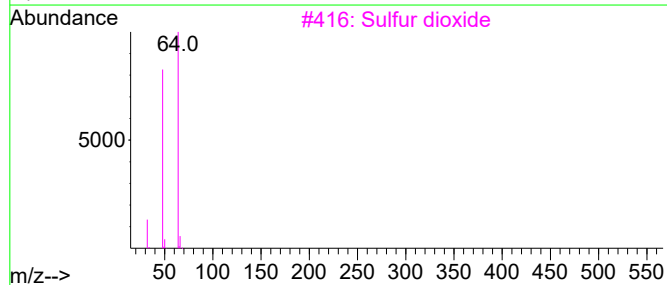
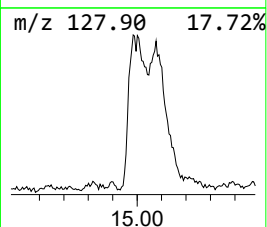
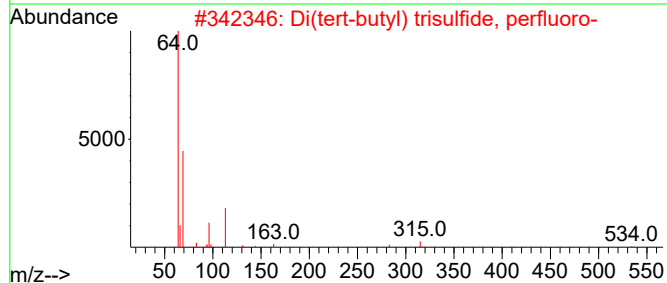
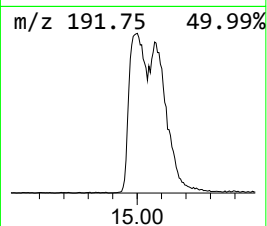
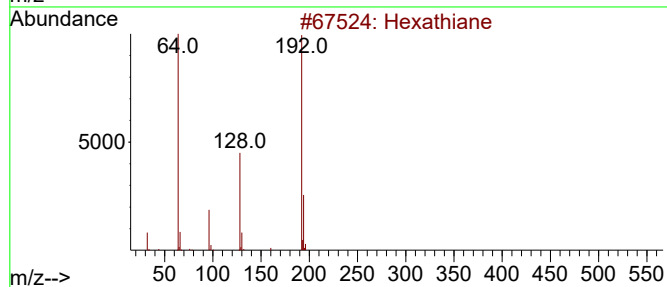
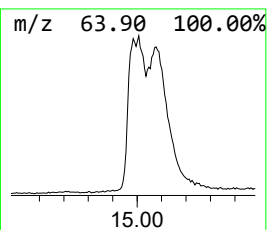
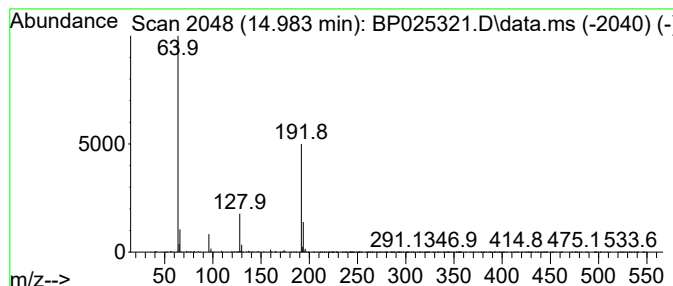
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexathiane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.983	2.15 ng	355217	Acenaphthene-d10	14.419

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexathiane	192	S6	013798-23-7	91
2			Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	9
3			Sulfur dioxide	64	O2S	007446-09-5	4
4			Ethyl Chloride	64	C2H5Cl	000075-00-3	4
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4



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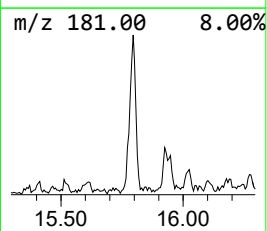
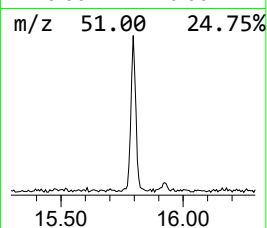
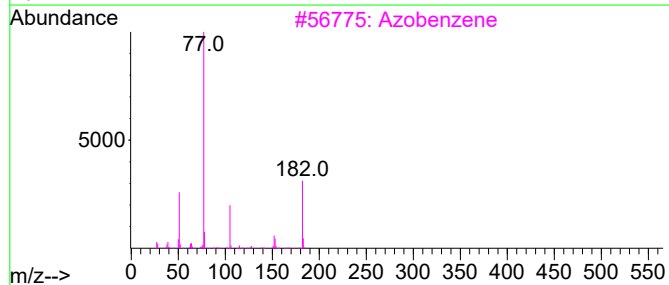
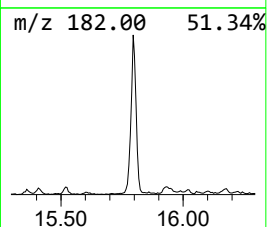
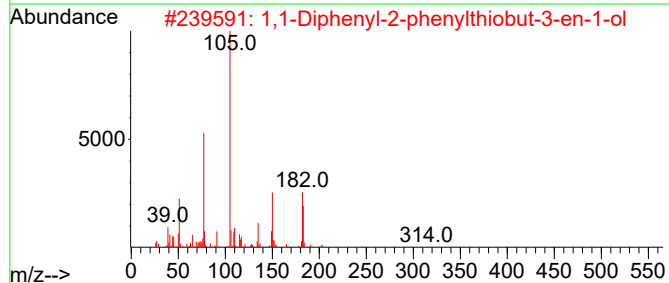
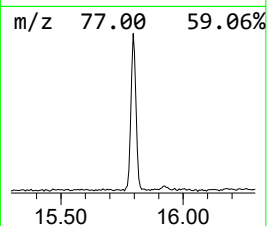
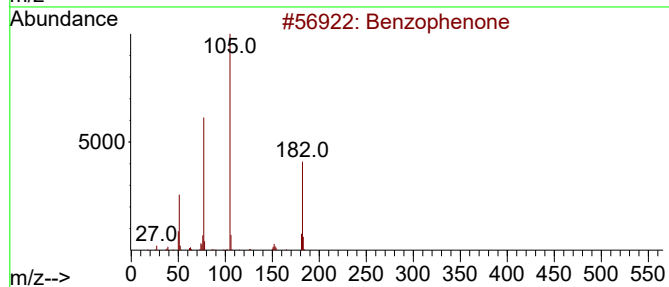
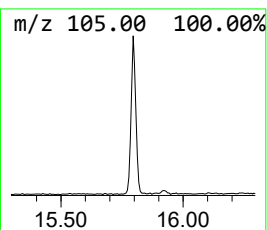
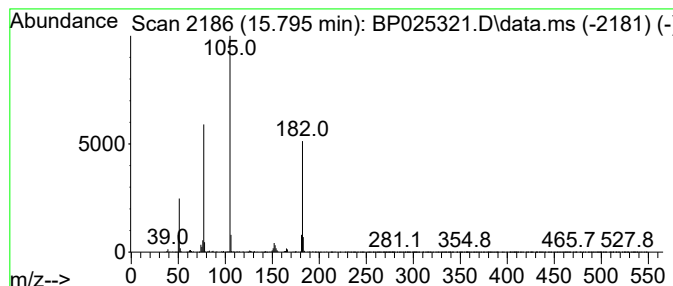
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.795	2.14 ng	353365	Acenaphthene-d10	14.419

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			1,1-Diphenyl-2-phenylthiobut-3-e...	332	C22H20OS	097370-20-2	45
3			Azobenzene	182	C12H10N2	000103-33-3	45
4			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	45
5			2,5-Dimethyl-7,7-diphenyl-3-aza-...	279	C18H17NO2	078950-91-1	38



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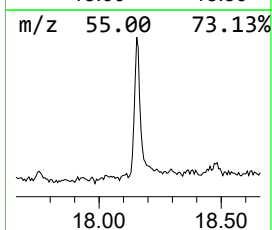
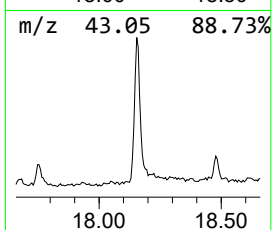
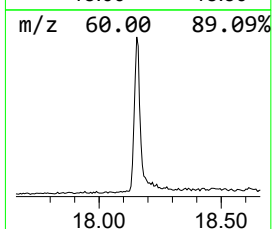
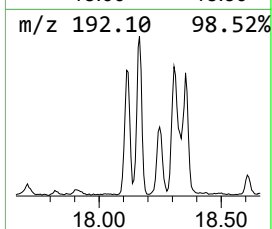
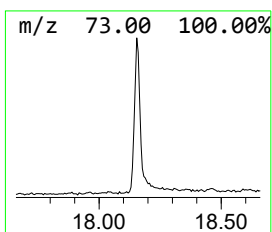
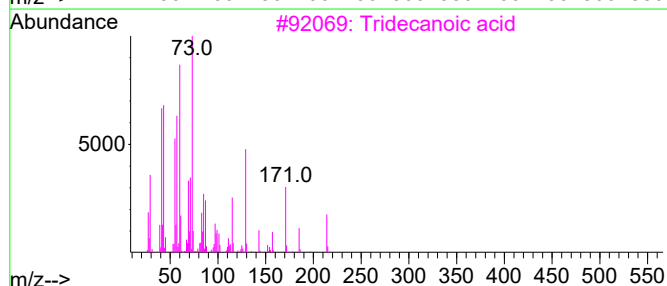
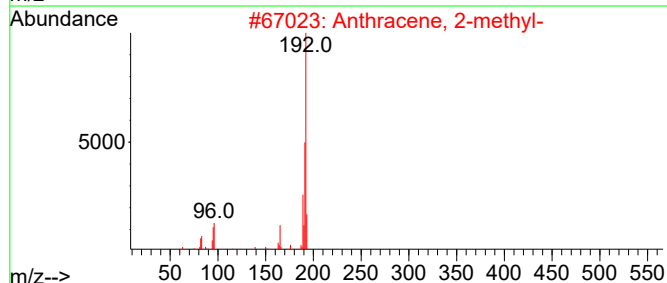
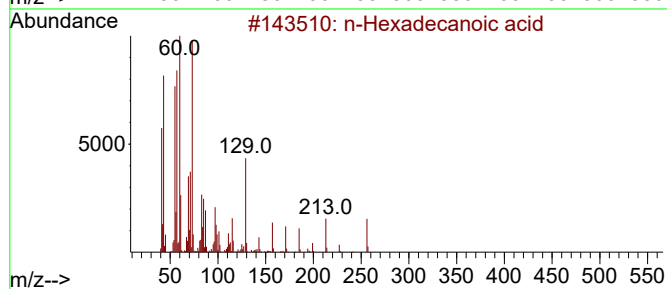
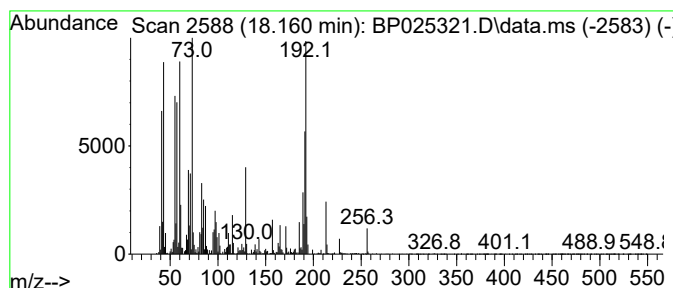
Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.160	5.03 ng	971549	Phenanthrene-d10	17.213	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025321.D
Acq On : 07 Aug 2025 19:56
Operator : CG/JU
Sample : Q2783-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT5414

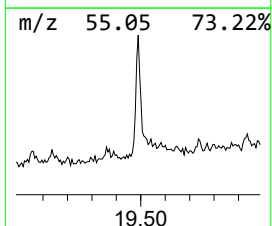
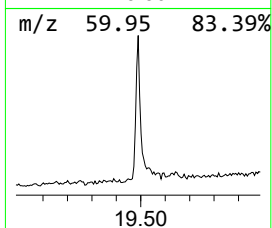
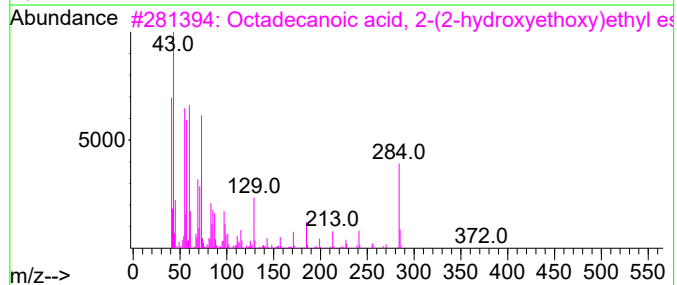
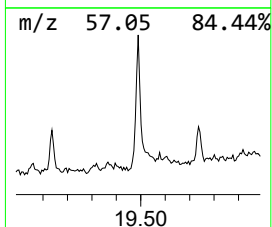
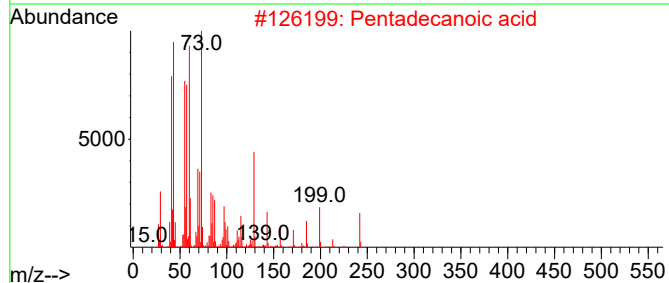
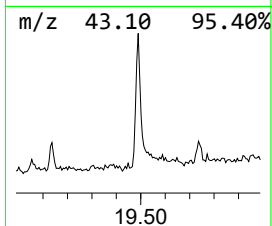
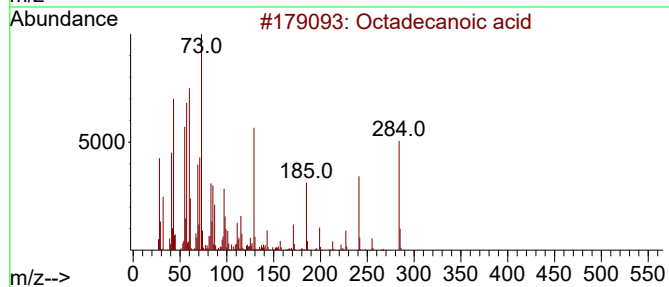
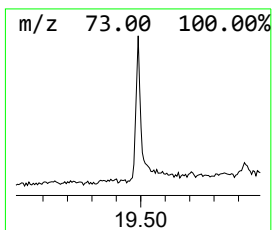
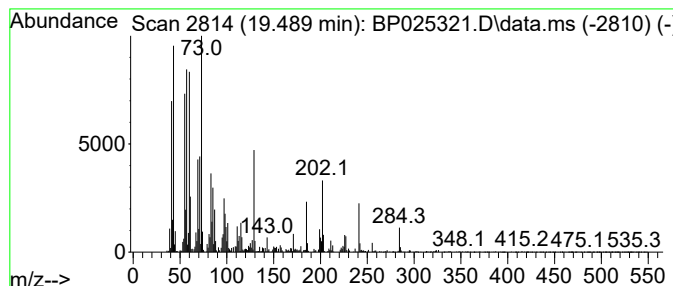
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.489	2.39 ng	603655	Chrysene-d12	21.654

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5			n-Decanoic acid	172	C10H20O2	000334-48-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
Data File : BP025321.D
Acq On : 07 Aug 2025 19:56
Operator : CG/JU
Sample : Q2783-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT5414

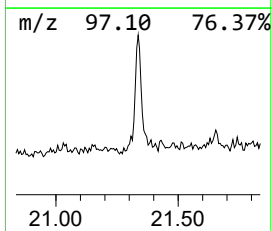
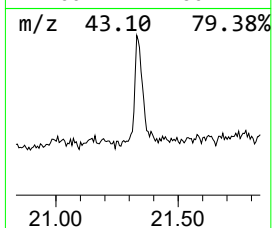
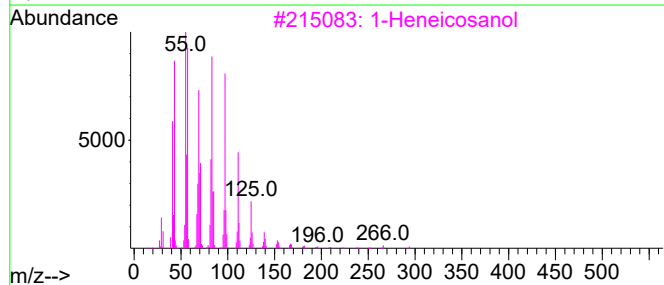
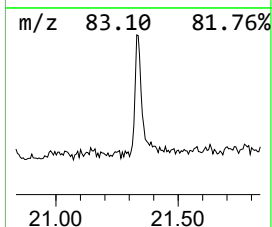
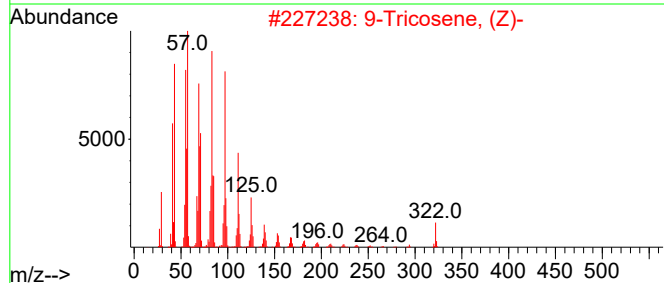
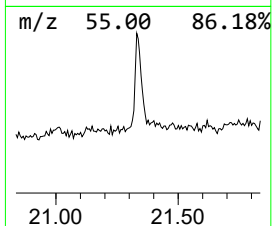
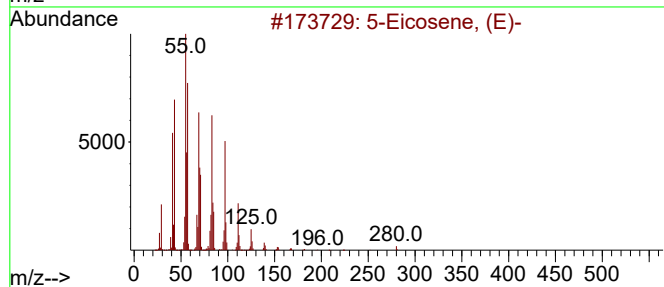
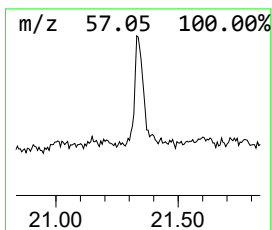
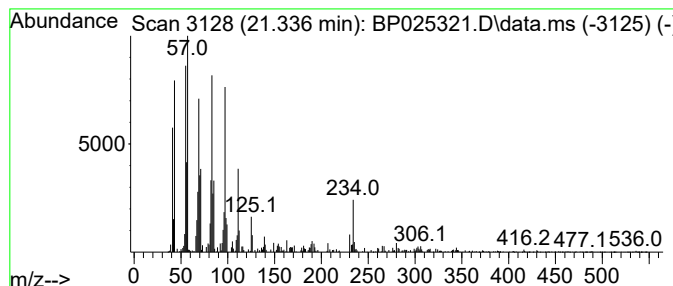
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.336	2.87 ng	724629	Chrysene-d12	21.654

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2			9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
3			1-Heneicosanol	312	C21H44O	015594-90-8	93
4			2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	93
5			n-Nonadecanol-1	284	C19H40O	001454-84-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080725\
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Operator : CG/JU
Sample : Q2783-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT5414

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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
Butane, 2-metho...	3.043	8.2	ng	708459	1	7.802	1736220	20.0
2-Pentanone, 4-...	4.949	2.1	ng	179993	1	7.802	1736220	20.0
Hexathiane	14.983	2.1	ng	355217	3	14.419	3304040	20.0
Benzophenone	15.795	2.1	ng	353365	3	14.419	3304040	20.0
n-Hexadecanoic ...	18.160	5.0	ng	971549	4	17.213	3866120	20.0
Octadecanoic acid	19.489	2.4	ng	603655	5	21.654	5048660	20.0
5-Eicosene, (E)-	21.336	2.9	ng	724629	5	21.654	5048660	20.0