

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
 Data File : BP025540.D
 Acq On : 21 Aug 2025 14:56
 Operator : CG/JU
 Sample : Q2819-16 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 38M-S

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: BP025540.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.037	12	17	26	rVB	502014	629629	15.96%	1.810%
2	4.943	336	341	349	rVB	139823	188648	4.78%	0.542%
3	5.401	413	419	432	rBV	1457751	2122903	53.80%	6.104%
4	6.966	676	685	695	rBV	1439544	2245512	56.90%	6.456%
5	7.784	816	824	833	rBV	833678	1332069	33.76%	3.830%
6	8.925	1011	1018	1030	rBV	893673	1515648	38.41%	4.358%
7	10.554	1284	1295	1306	rBV	1017726	1780748	45.12%	5.120%
8	13.019	1706	1714	1727	rBV	2014663	3166961	80.25%	9.106%
9	14.248	1917	1923	1932	rBV2	35979	71127	1.80%	0.205%
10	14.413	1942	1951	1964	rBV	1441052	2121854	53.77%	6.101%
11	14.519	1964	1969	1980	rVV	206835	307275	7.79%	0.883%
12	15.789	2179	2185	2191	rBV	343469	478353	12.12%	1.375%
13	15.918	2201	2207	2216	rBV	1576030	2245210	56.89%	6.456%
14	16.366	2279	2283	2287	rBV2	33361	44716	1.13%	0.129%
15	16.771	2348	2352	2359	rVB	60662	95616	2.42%	0.275%
16	16.948	2376	2382	2393	rBV	578400	887922	22.50%	2.553%
17	17.054	2395	2400	2401	rVV	60204	81794	2.07%	0.235%
18	17.077	2401	2404	2411	rVB	95702	152192	3.86%	0.438%
19	17.207	2420	2426	2432	rBV2	1587671	2276970	57.70%	6.547%
20	17.907	2542	2545	2549	rBV5	21756	39519	1.00%	0.114%
21	18.148	2581	2586	2594	rBV	432317	747628	18.95%	2.150%
22	18.801	2694	2697	2705	rVB2	73741	135468	3.43%	0.390%
23	18.930	2715	2719	2726	rBV	510090	703884	17.84%	2.024%
24	18.995	2727	2730	2732	rBV3	104738	131742	3.34%	0.379%
25	19.330	2783	2787	2791	rBV	171156	262256	6.65%	0.754%
26	19.471	2807	2811	2817	rBV	241026	456637	11.57%	1.313%
27	19.624	2835	2837	2840	rVB2	90035	87308	2.21%	0.251%
28	19.707	2848	2851	2855	rVB	118426	148311	3.76%	0.426%
29	19.848	2872	2875	2878	rBV	99877	137429	3.48%	0.395%
30	19.924	2883	2888	2893	rVB	3025518	3946275	100.00%	11.347%
31	20.512	2985	2988	2991	rVB	173733	195729	4.96%	0.563%
32	21.318	3121	3125	3130	rBV2	282263	442607	11.22%	1.273%
33	21.571	3165	3168	3175	rVB	214645	276494	7.01%	0.795%
34	21.653	3176	3182	3187	rVB	1681660	2512315	63.66%	7.224%
35	25.030	3748	3756	3764	rBV	995281	2810610	71.22%	8.081%

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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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

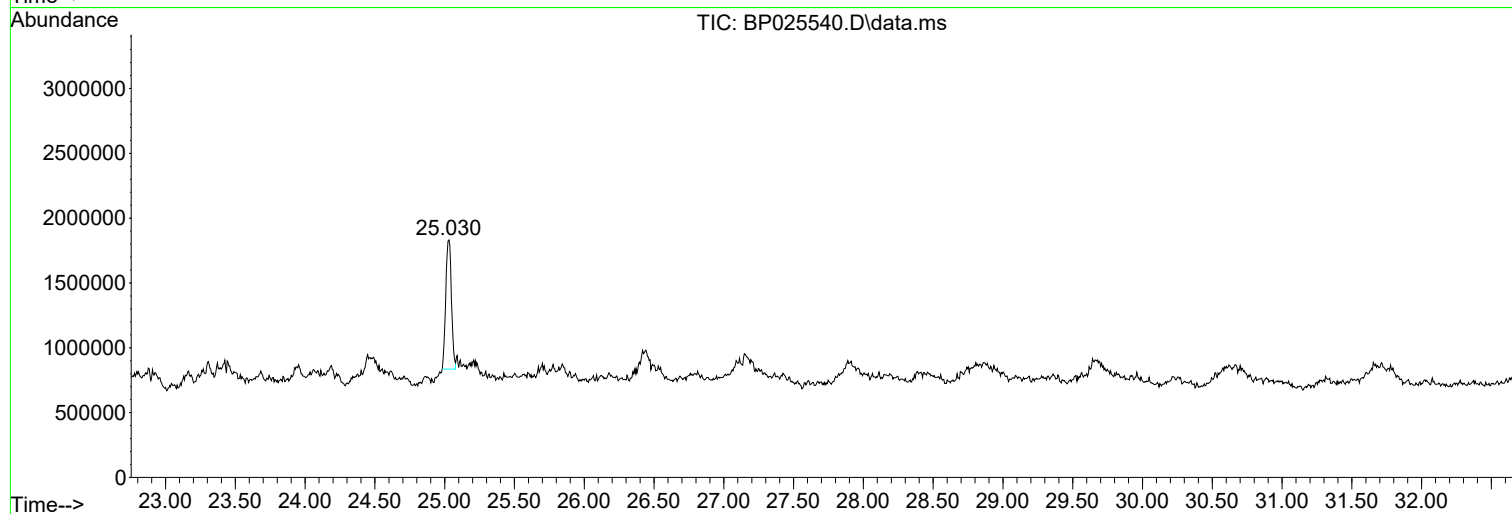
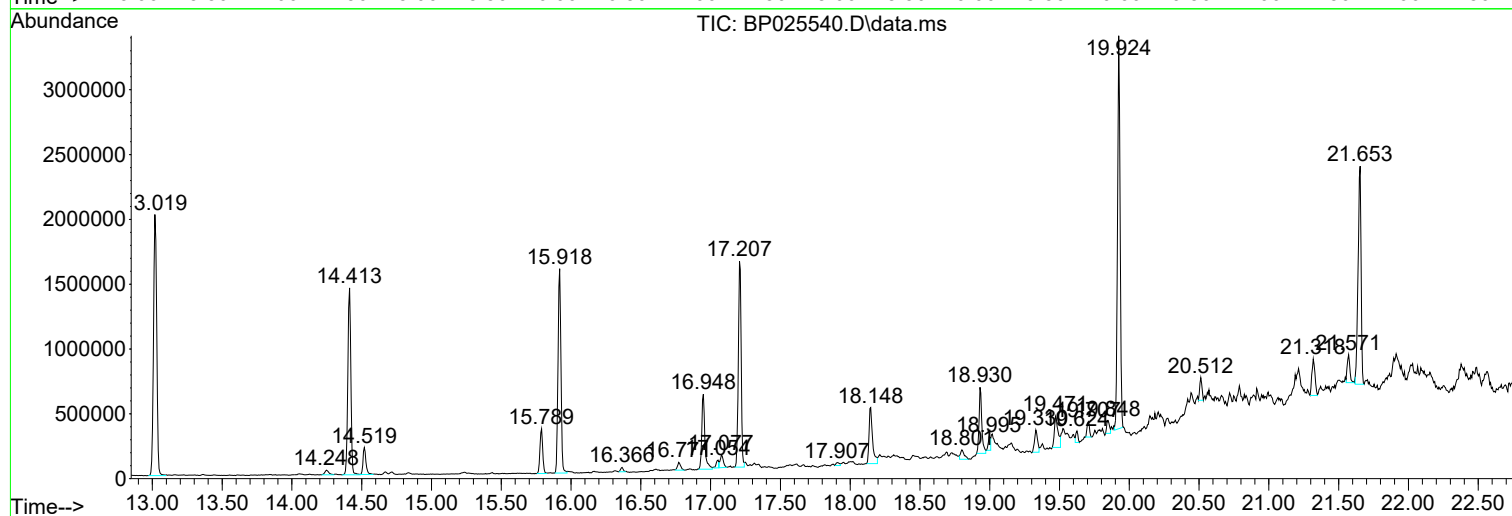
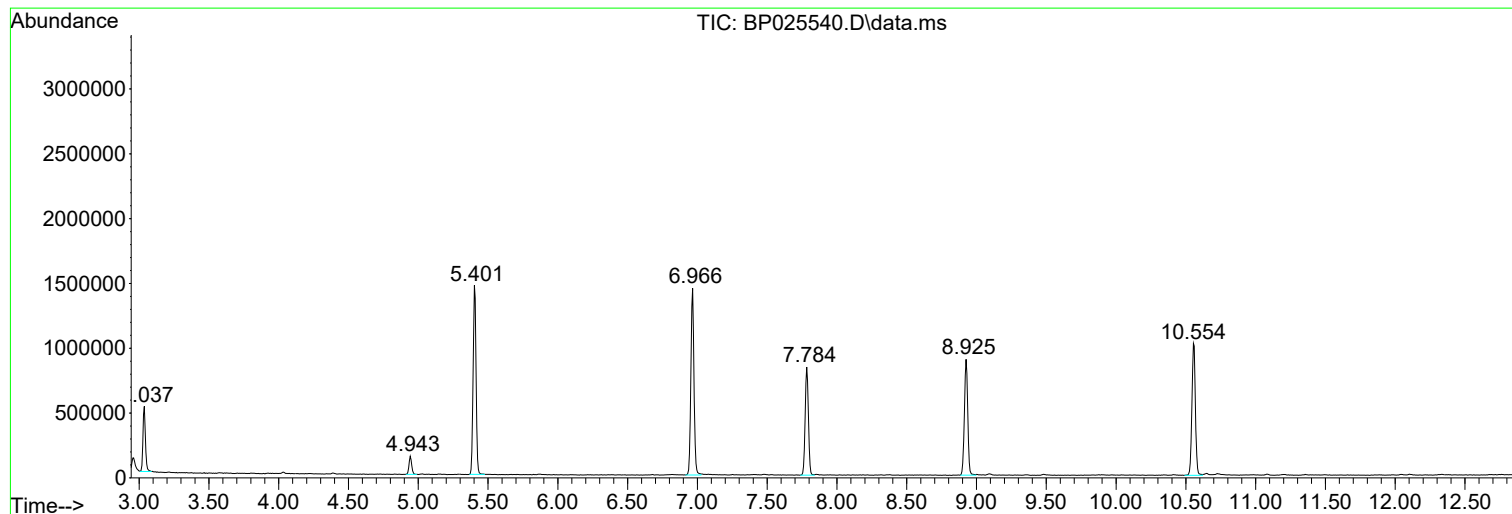
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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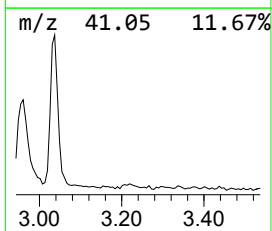
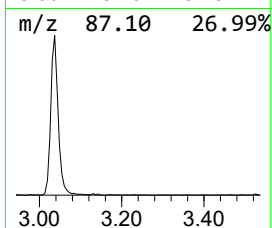
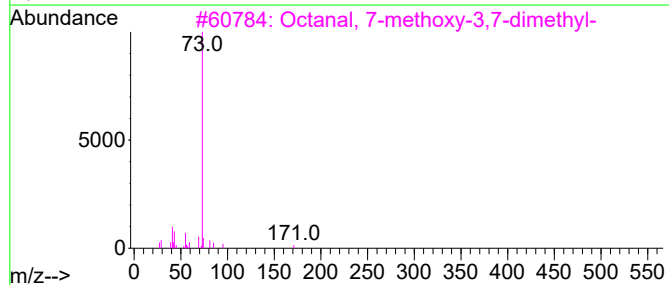
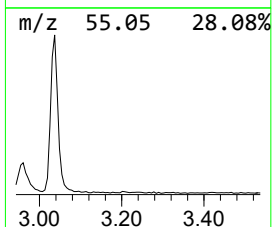
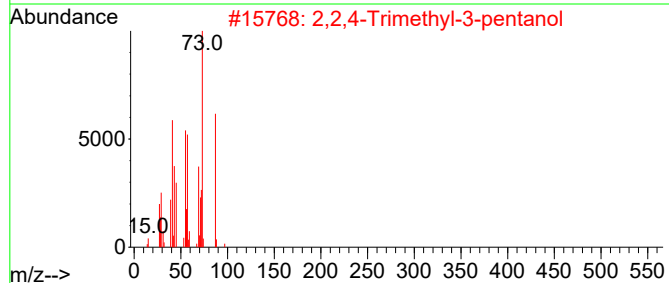
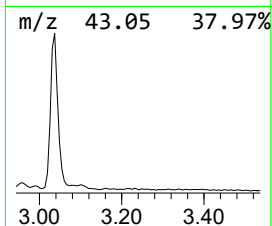
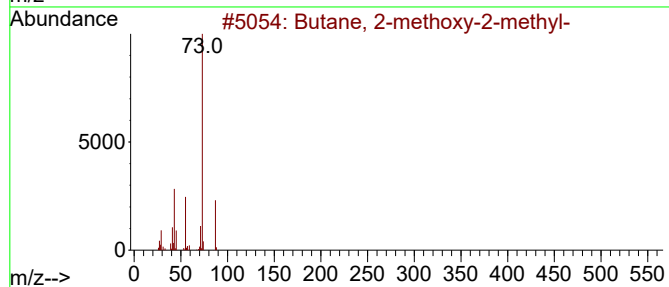
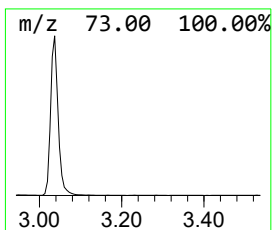
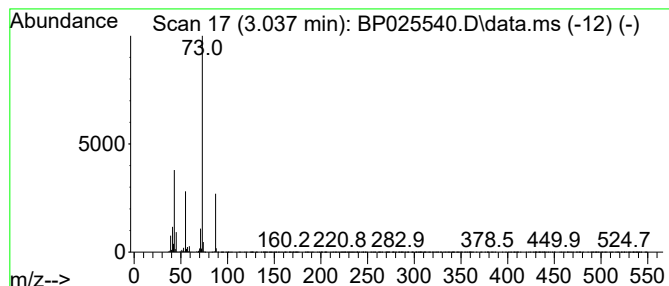
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	9.45 ng	629629	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			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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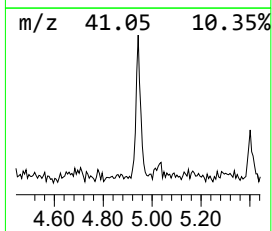
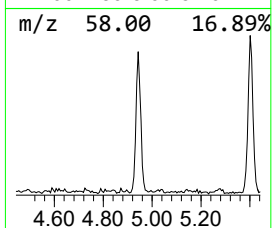
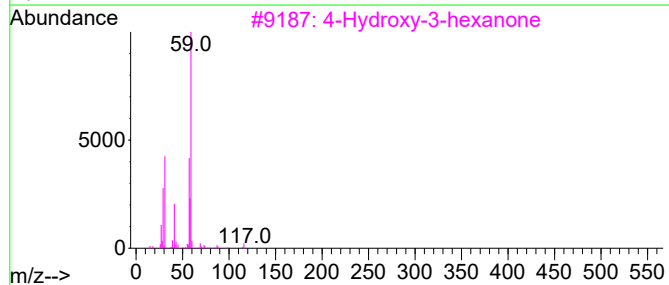
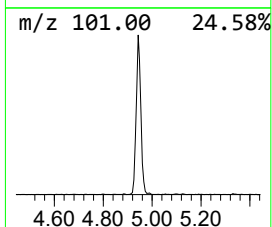
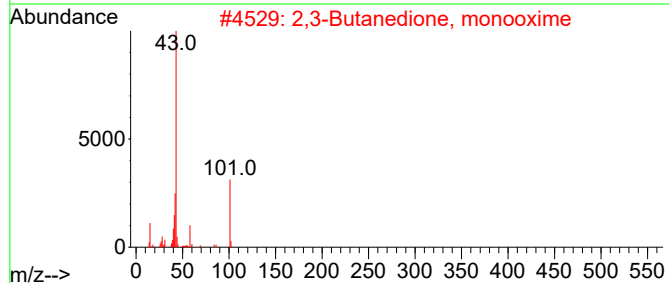
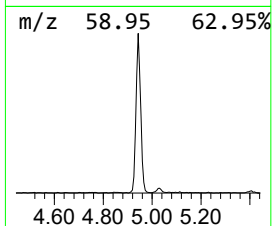
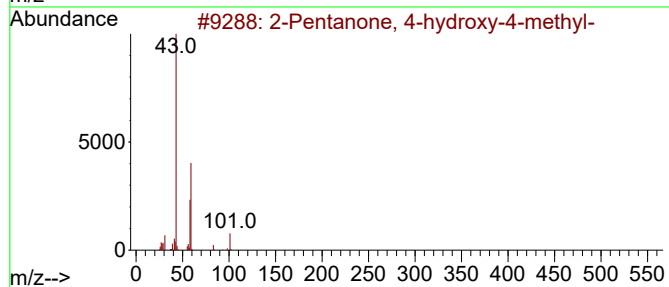
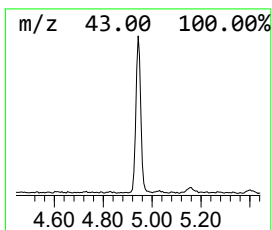
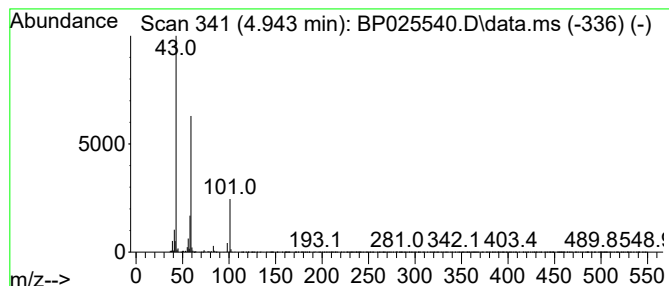
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.943	2.83 ng	188648	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	56
2			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3			4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17
4			2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	17
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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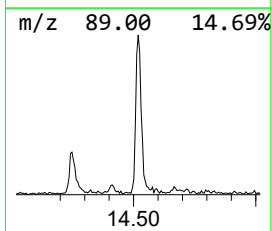
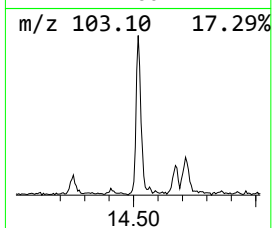
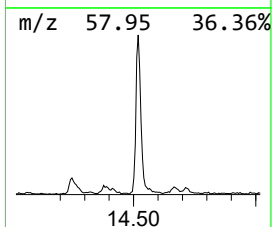
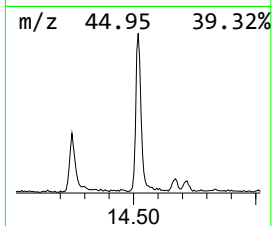
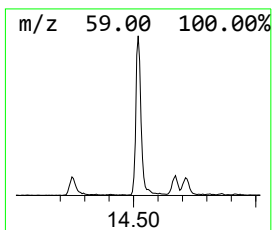
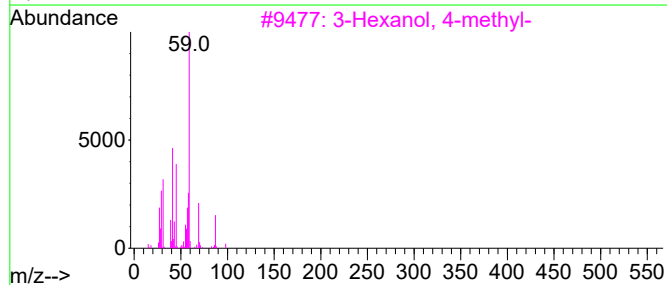
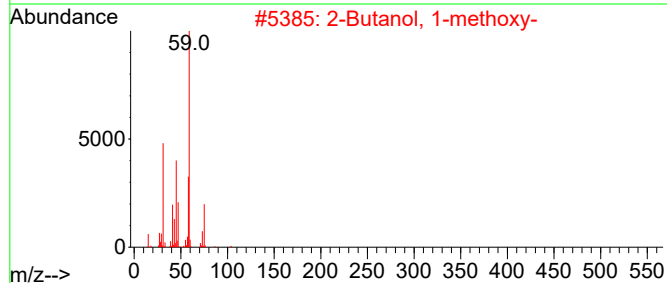
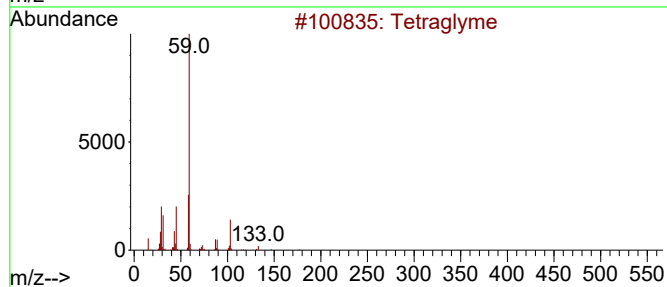
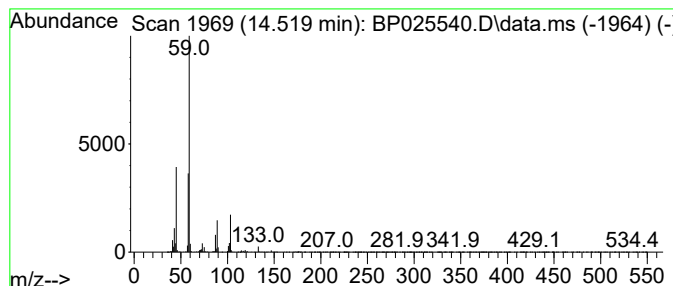
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetraglyme Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.519	2.90 ng	307275	Acenaphthene-d10	14.413

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetraglyme	222	C10H22O5	000143-24-8	72
2			2-Butanol, 1-methoxy-	104	C5H12O2	053778-73-7	64
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	64
4			2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	59
5			Methyl 2-(2-(2-methoxyethoxy)eth...	192	C8H16O5	1000366-88-2	56



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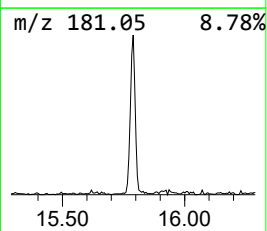
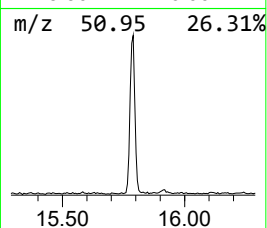
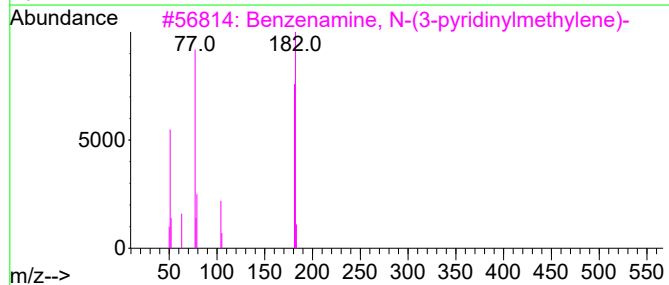
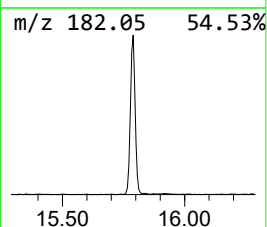
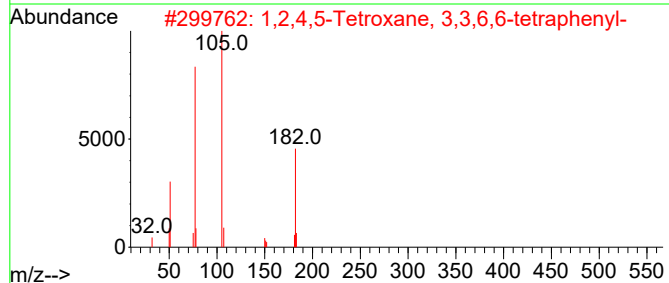
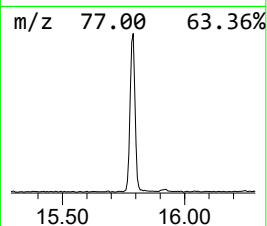
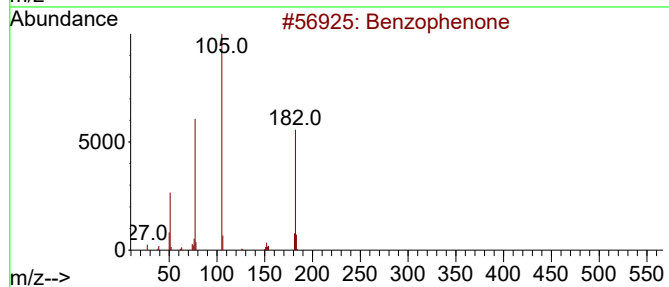
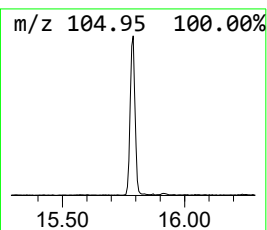
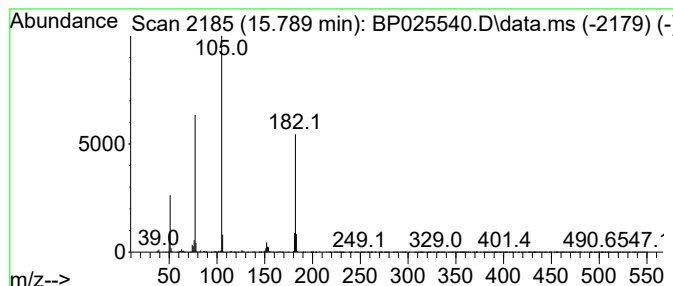
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.789	4.51 ng	478353	Acenaphthene-d10	14.413

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			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	53
4			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	45
5			2,5-Dimethyl-7,7-diphenyl-3-aza-...	279	C18H17NO2	078950-91-1	38



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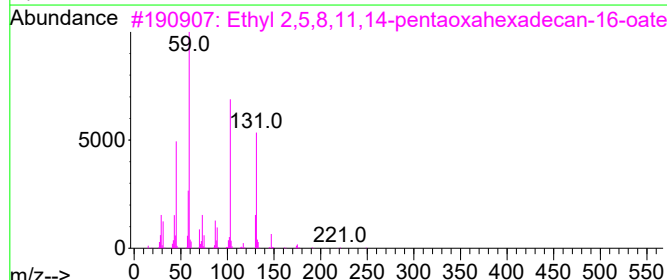
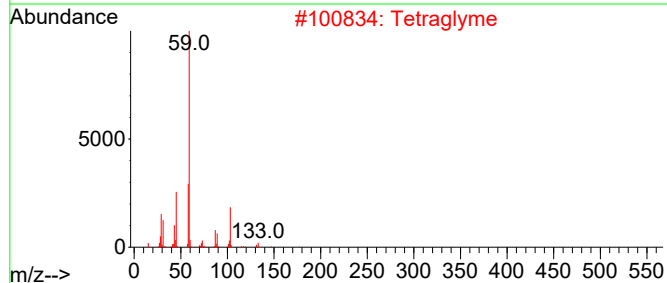
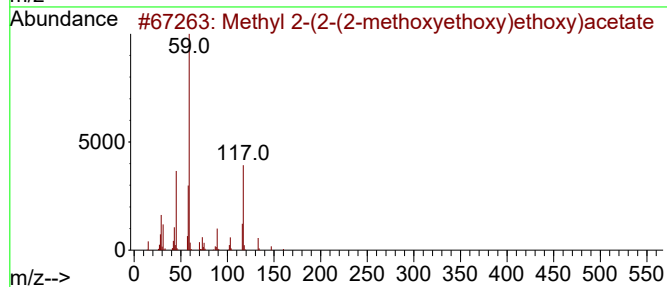
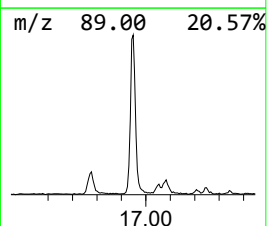
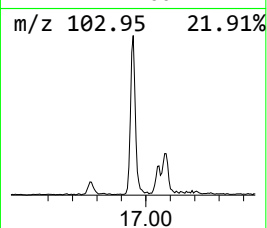
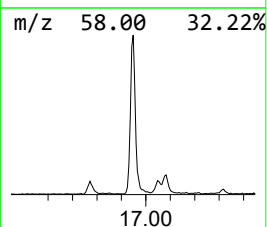
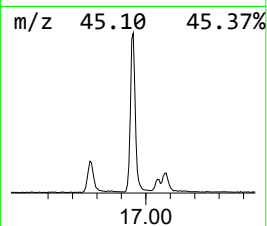
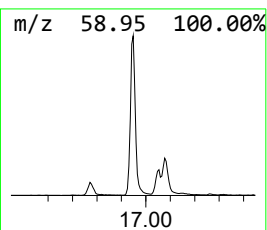
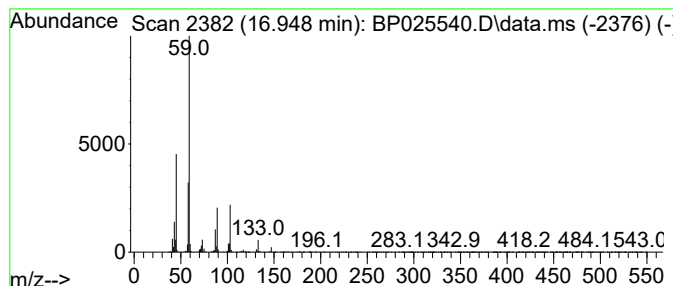
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Methyl 2-(2-(2-methoxyethoxy)ethoxy)acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.948	7.80 ng	887922	Phenanthrene-d10	17.207

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 2-(2-(2-methoxyethoxy)ethoxy)acetate	192	C8H16O5	1000366-88-2	64
2			Tetraglyme	222	C10H22O5	000143-24-8	64
3			Ethyl 2,5,8,11,14-pentaoxadecan-16-olate	294	C13H26O7	1000366-80-7	59
4			2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	59
5			Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025540.D
Acq On : 21 Aug 2025 14:56
Operator : CG/JU
Sample : Q2819-16 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
38M-S

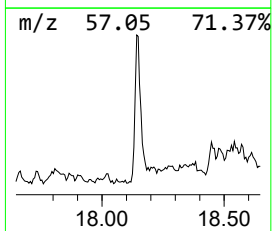
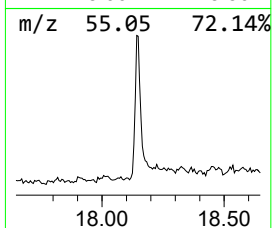
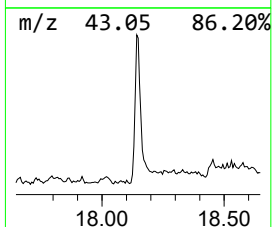
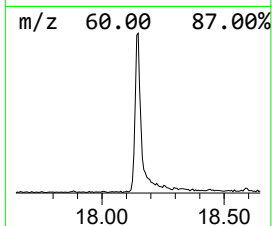
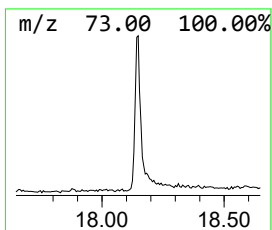
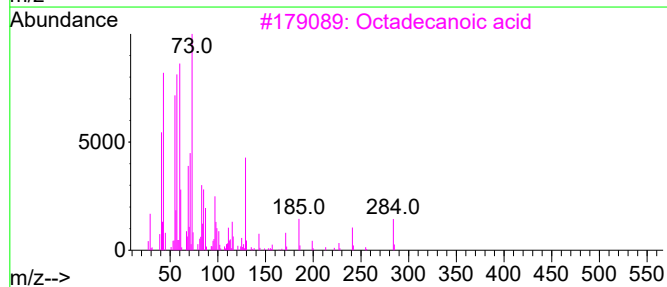
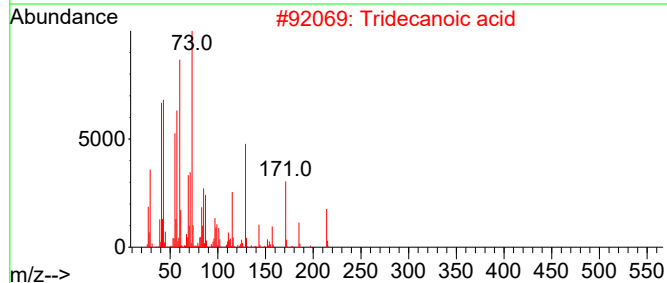
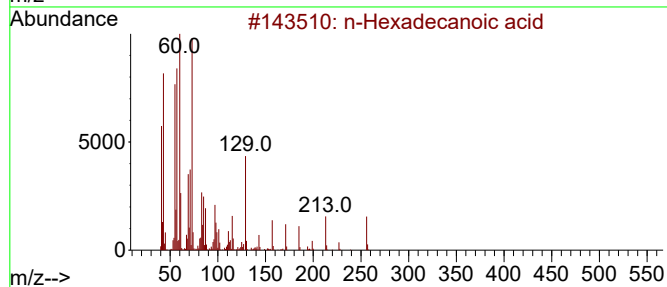
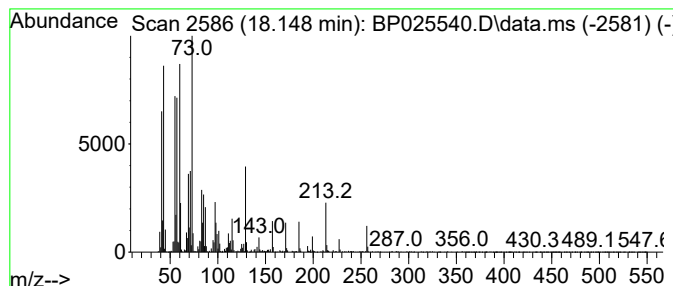
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.148	6.57 ng	747628	Phenanthrene-d10	17.207

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025540.D
Acq On : 21 Aug 2025 14:56
Operator : CG/JU
Sample : Q2819-16 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
38M-S

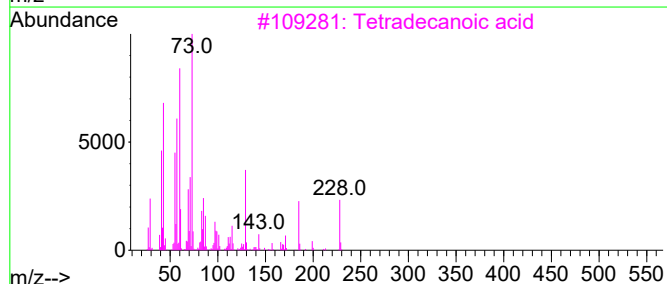
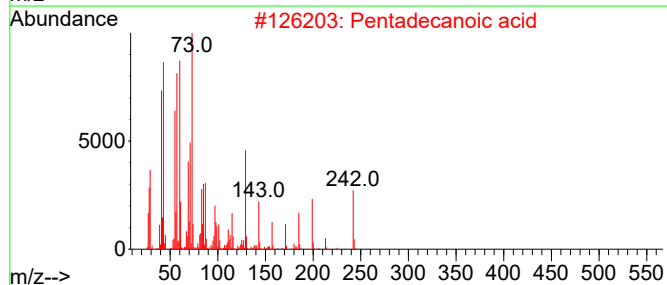
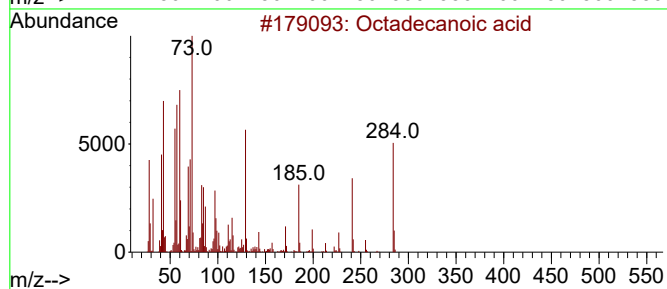
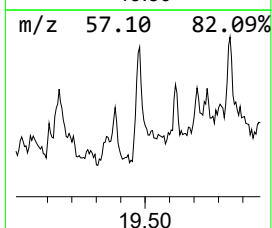
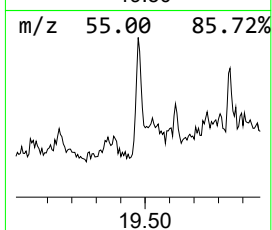
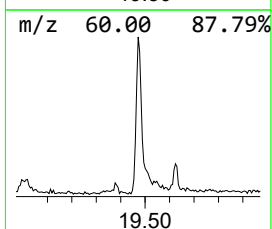
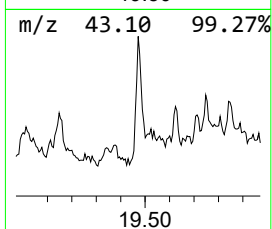
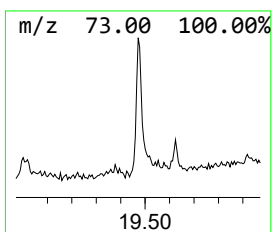
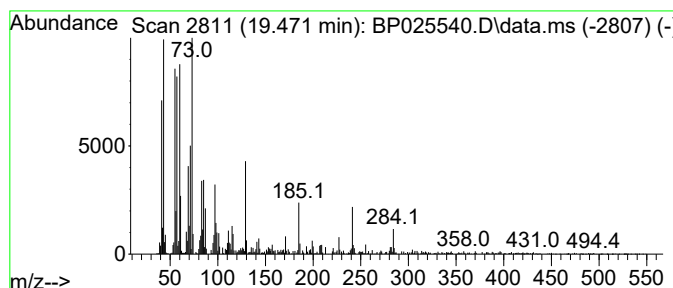
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.471	3.64 ng	456637	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	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4			n-Decanoic acid	172	C10H20O2	000334-48-5	70
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025540.D
Acq On : 21 Aug 2025 14:56
Operator : CG/JU
Sample : Q2819-16 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
38M-S

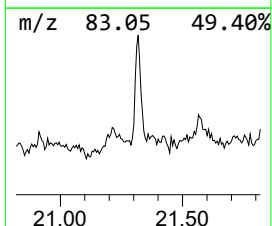
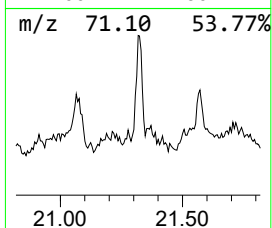
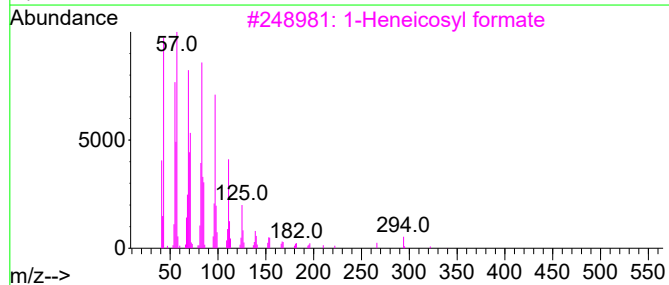
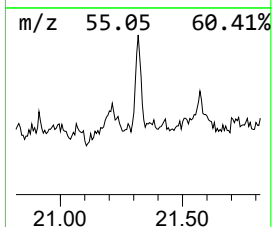
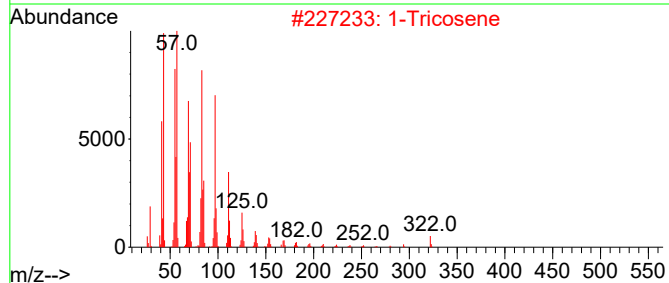
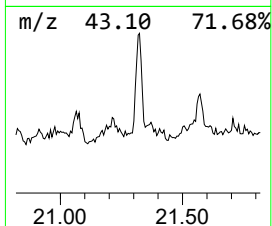
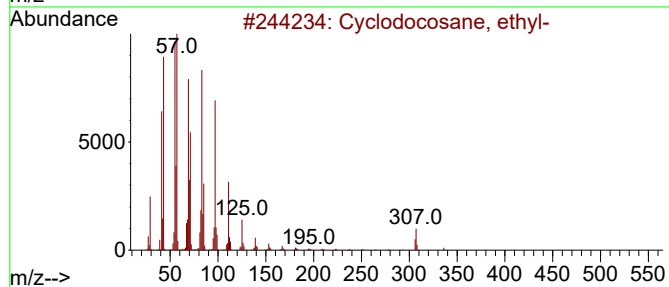
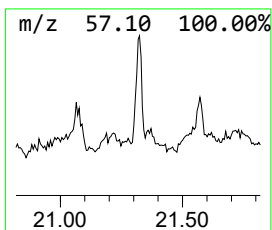
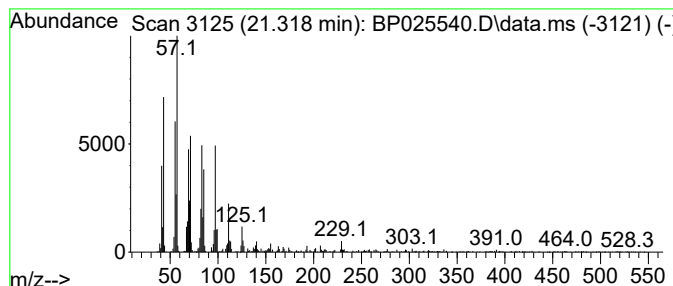
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclodocosane, ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.318	3.52 ng	442607	Chrysene-d12	21.654

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	97
2			1-Tricosene	322	C23H46	018835-32-0	92
3			1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
4			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
5			Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025540.D
Acq On : 21 Aug 2025 14:56
Operator : CG/JU
Sample : Q2819-16 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
38M-S

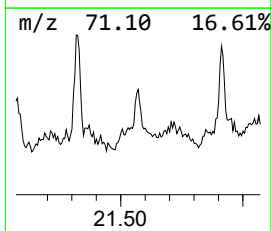
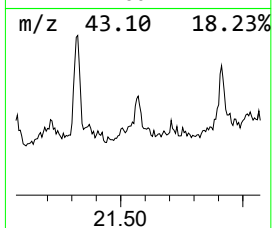
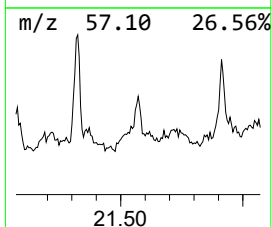
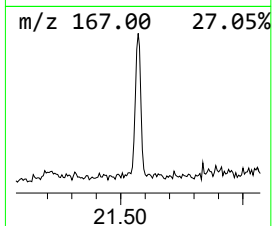
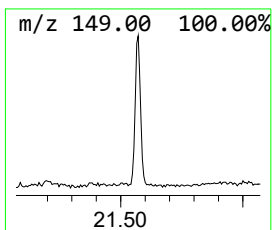
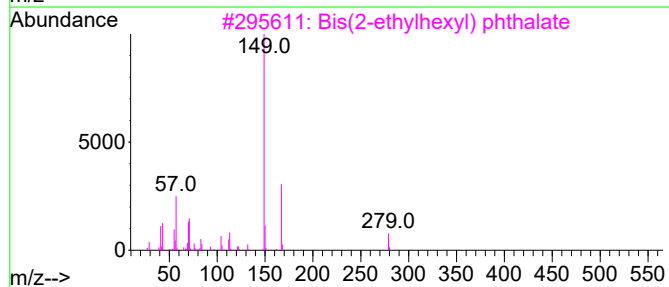
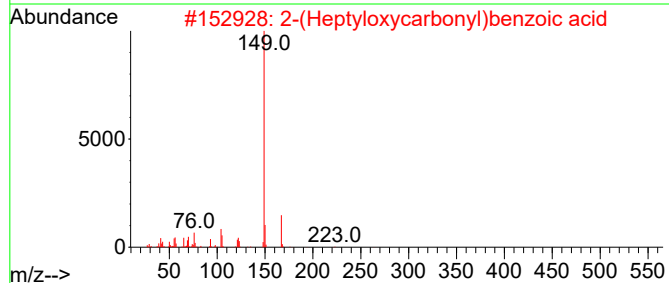
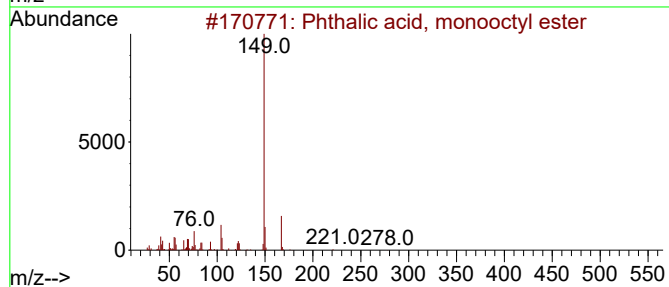
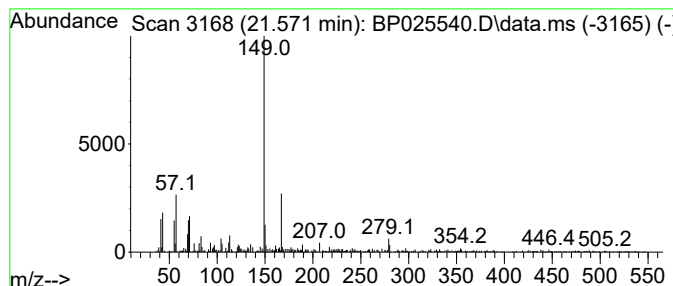
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phthalic acid, monoethyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.571	2.20 ng	276494	Chrysene-d12	21.654

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, monoethyl ester	278	C16H22O4	005393-19-1	81
2			2-(Heptyloxycarbonyl)benzoic acid	264	C15H20O4	024539-58-0	74
3			Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	74
4			Phthalic acid, isohexyl 4-methyl...	334	C20H30O4	1010356-87-5	72
5			Phthalic acid, 2,4,4-trimethylpe...	432	C27H44O4	1000377-77-7	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025540.D
Acq On : 21 Aug 2025 14:56
Operator : CG/JU
Sample : Q2819-16 2X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
38M-S

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
Butane, 2-metho...	3.037	9.4	ng	629629	1	7.784	1332070	20.0
2-Pentanone, 4-...	4.943	2.8	ng	188648	1	7.784	1332070	20.0
Tetraglyme	14.519	2.9	ng	307275	3	14.413	2121850	20.0
Benzophenone	15.789	4.5	ng	478353	3	14.413	2121850	20.0
Methyl 2-(2-(2-...	16.948	7.8	ng	887922	4	17.207	2276970	20.0
n-Hexadecanoic ...	18.148	6.6	ng	747628	4	17.207	2276970	20.0
2-(2-(2-(2-(2-(...	18.930	6.2	ng	703884	4	17.207	2276970	20.0
Octadecanoic acid	19.471	3.6	ng	456637	5	21.654	2512320	20.0
Cyclodocosane, ...	21.318	3.5	ng	442607	5	21.654	2512320	20.0
Phthalic acid, ...	21.571	2.2	ng	276494	5	21.654	2512320	20.0