

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
 Data File : BP025457.D
 Acq On : 18 Aug 2025 12:06
 Operator : CG/JU
 Sample : Q2838-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-10

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: BP025457.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	13	rVB2	166511	257265	4.13%	0.603%
2	3.043	13	18	33	rVB	998010	1494612	24.01%	3.505%
3	4.948	336	342	349	rBV	173279	242143	3.89%	0.568%
4	5.401	413	419	434	rBV	1711372	2559555	41.12%	6.002%
5	6.960	676	684	694	rBV	1685271	2767846	44.47%	6.490%
6	7.790	816	825	831	rBV	572447	912920	14.67%	2.141%
7	8.925	1010	1018	1025	rBV	933832	1629271	26.18%	3.820%
8	10.554	1285	1295	1303	rBV	676125	1224983	19.68%	2.872%
9	13.013	1706	1713	1720	rBV	2244519	3416450	54.89%	8.011%
10	14.401	1942	1949	1955	rBV	1085316	1633618	26.24%	3.831%
11	15.013	2043	2053	2067	rVB	1522003	3078534	49.46%	7.219%
12	15.224	2085	2089	2098	rVB	92168	168566	2.71%	0.395%
13	15.783	2178	2184	2191	rBV	495194	670024	10.76%	1.571%
14	15.907	2199	2205	2214	rBV	2112986	3215006	51.65%	7.539%
15	16.566	2313	2317	2320	rBV4	41656	63703	1.02%	0.149%
16	17.136	2410	2414	2418	rBV2	59347	79231	1.27%	0.186%
17	17.195	2419	2424	2430	rVV2	1287444	1820893	29.25%	4.270%
18	17.895	2536	2543	2552	rBV2	696046	984131	15.81%	2.308%
19	18.142	2580	2585	2593	rBV	1338549	1727085	27.75%	4.050%
20	18.271	2604	2607	2615	rVB2	61443	90682	1.46%	0.213%
21	18.412	2627	2631	2634	rBV	100867	133860	2.15%	0.314%
22	18.460	2634	2639	2650	rVB	230470	384471	6.18%	0.902%
23	18.560	2652	2656	2663	rBV	260496	389214	6.25%	0.913%
24	19.459	2805	2809	2822	rBV	520112	742033	11.92%	1.740%
25	19.918	2881	2887	2897	rVB	4367993	6224523	100.00%	14.595%
26	20.495	2981	2985	2990	rBV	94208	133813	2.15%	0.314%
27	21.306	3118	3123	3134	rBV	480098	777162	12.49%	1.822%
28	21.624	3172	3177	3190	rVB2	1446955	2589511	41.60%	6.072%
29	23.712	3527	3532	3541	rBV	288505	646886	10.39%	1.517%
30	24.994	3741	3750	3764	rVB2	941770	2589596	41.60%	6.072%

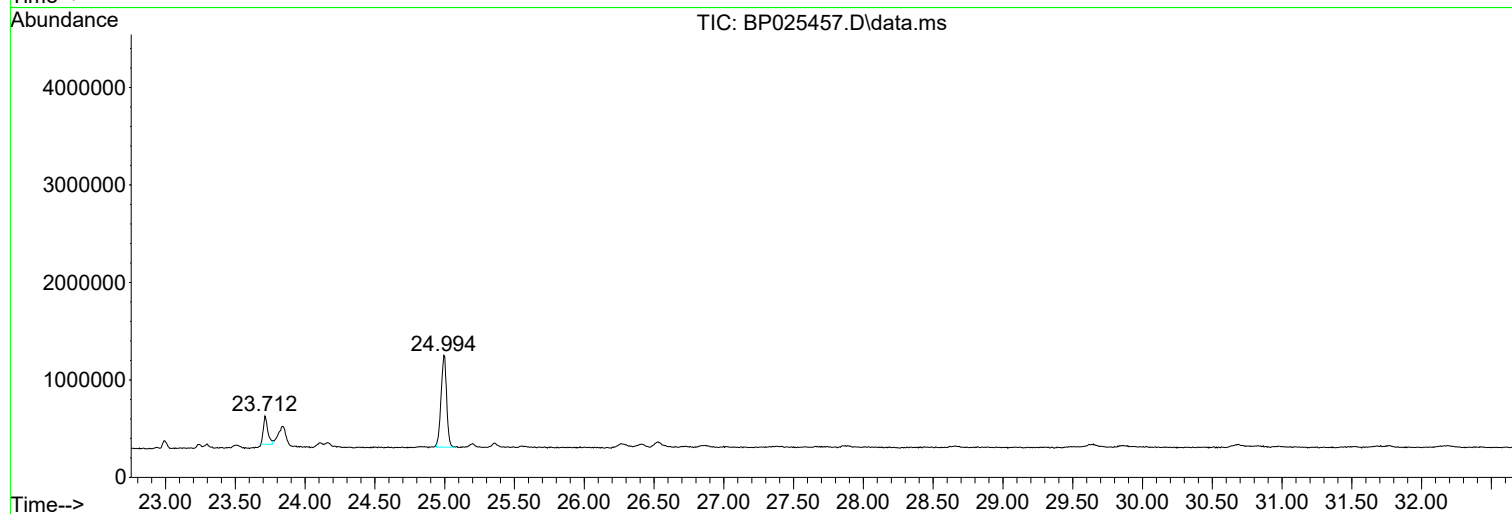
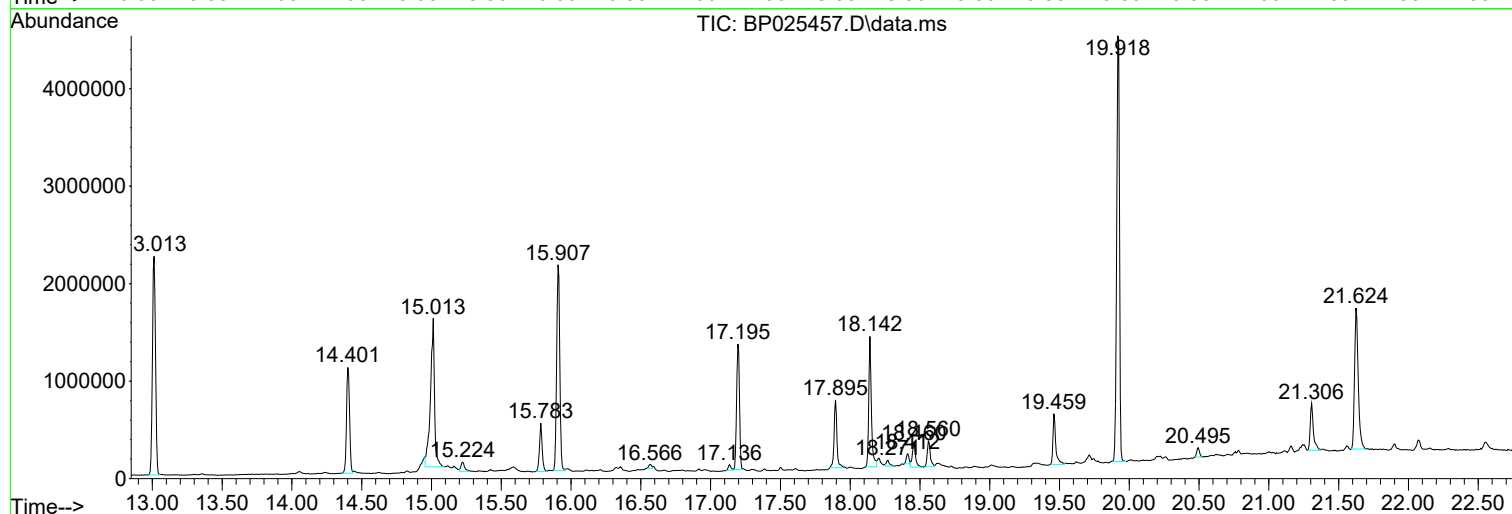
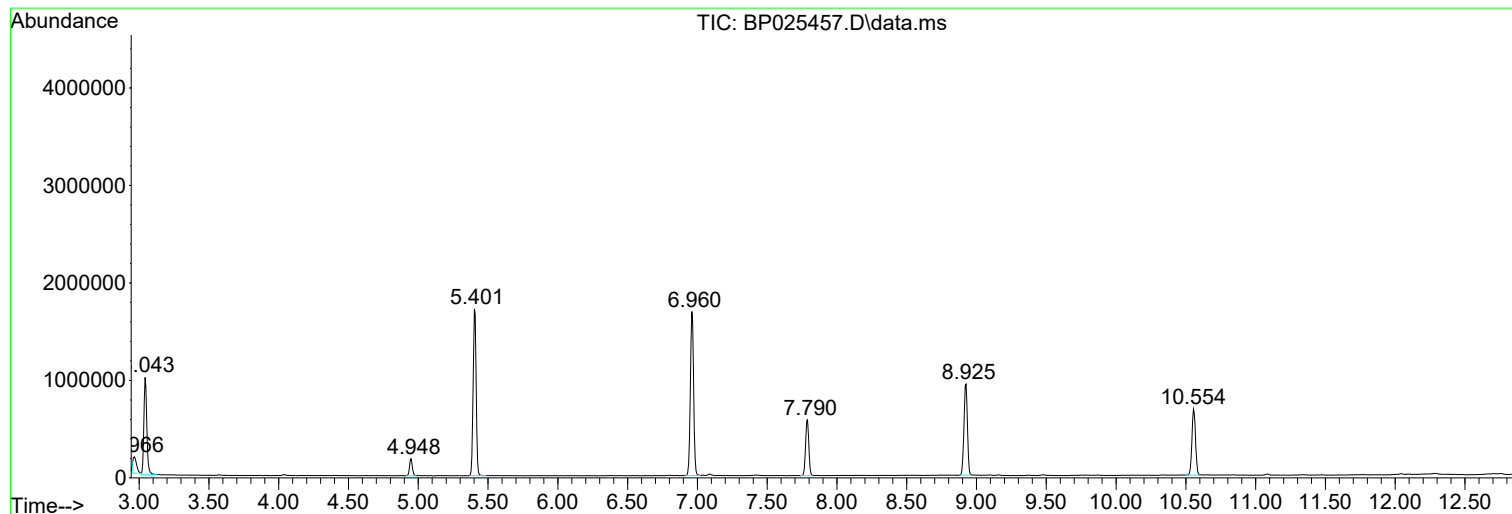
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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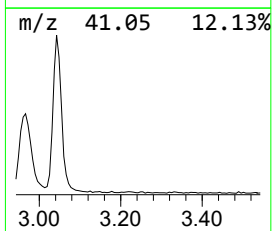
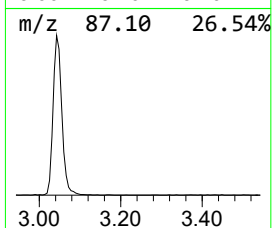
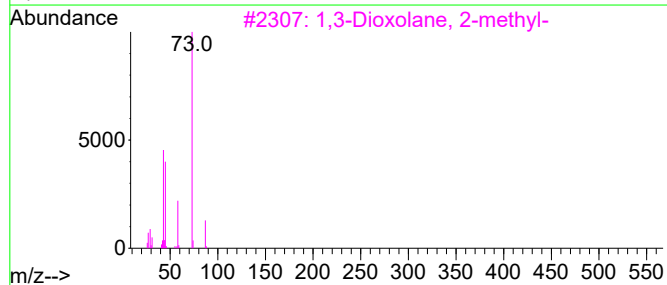
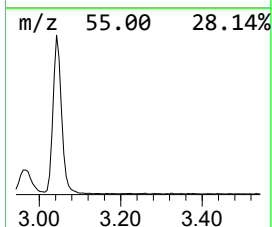
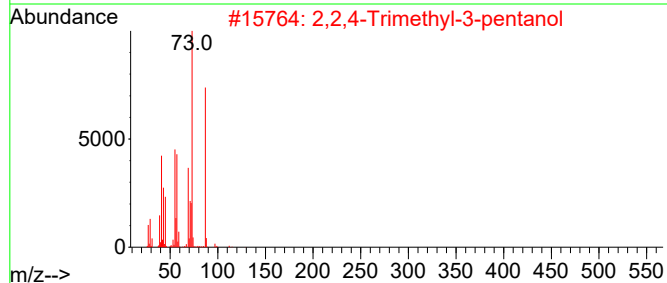
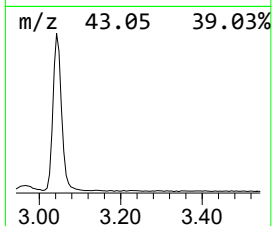
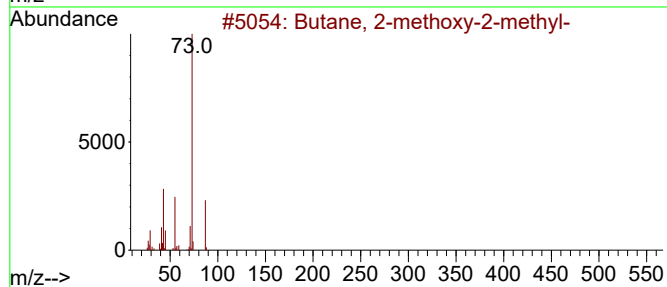
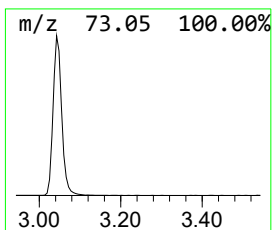
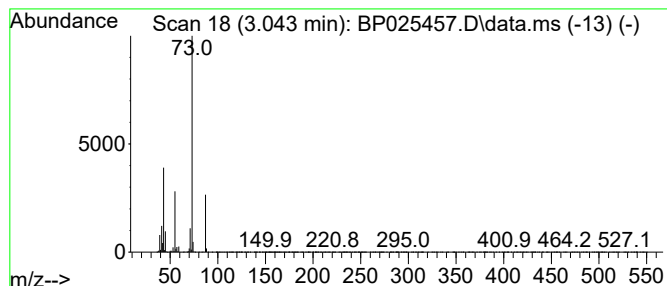
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	32.74 ng	1494610	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			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17



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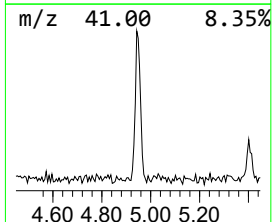
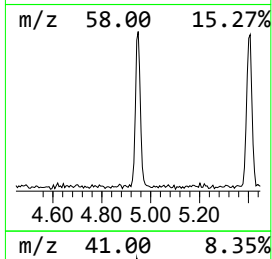
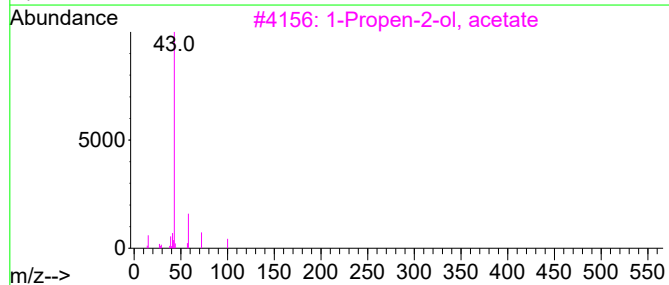
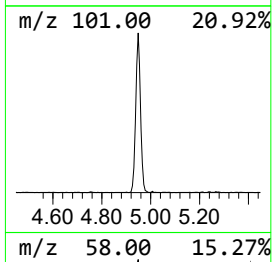
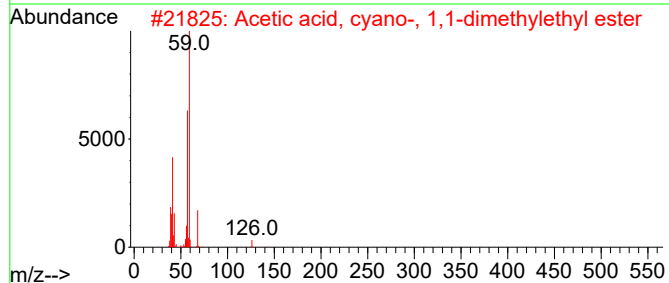
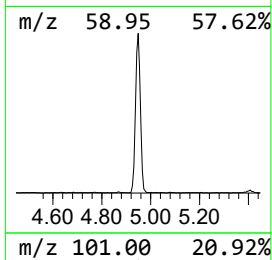
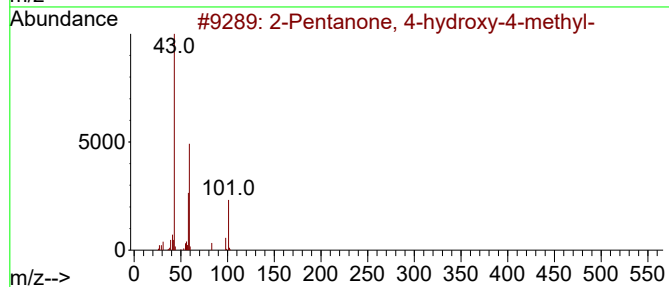
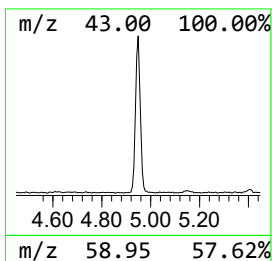
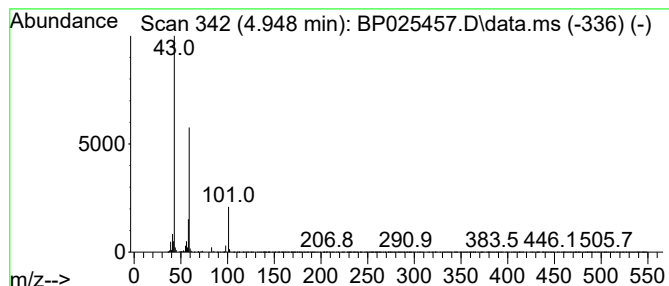
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.948	5.30 ng	242143	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			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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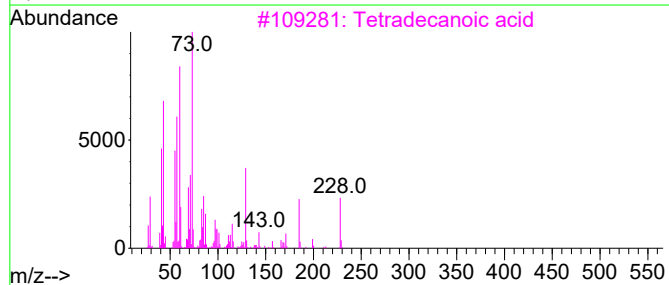
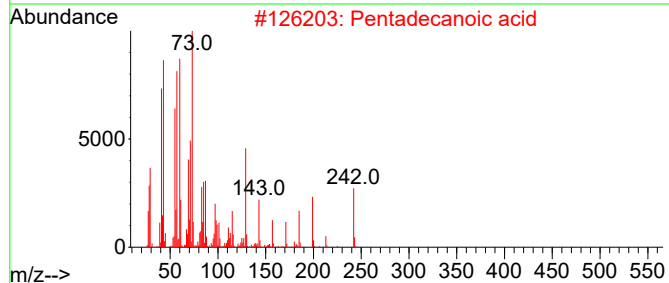
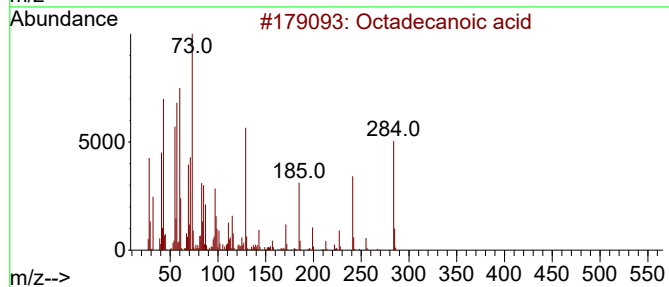
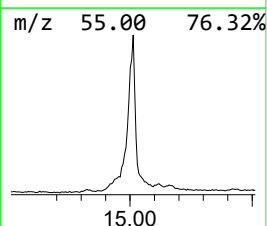
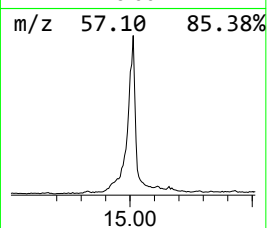
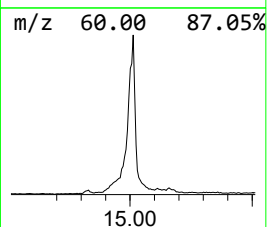
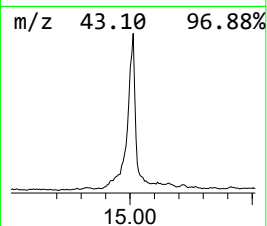
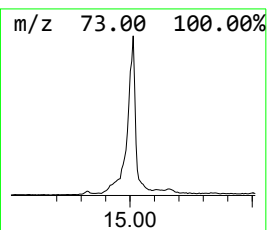
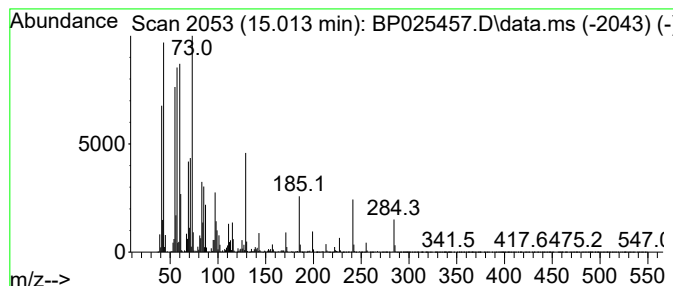
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.013	37.69 ng	3078530	Acenaphthene-d10		14.401	
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	89
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	83
4	Tridecanoic acid		214	C13H26O2	000638-53-9	76
5	n-Decanoic acid		172	C10H20O2	000334-48-5	62



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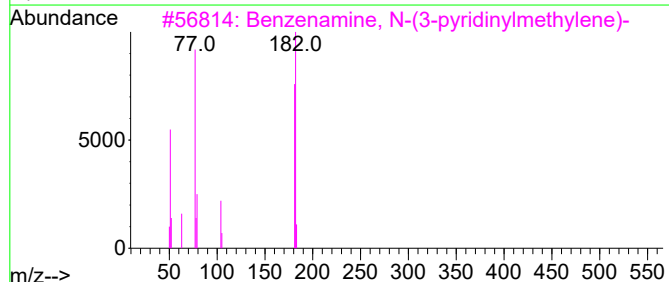
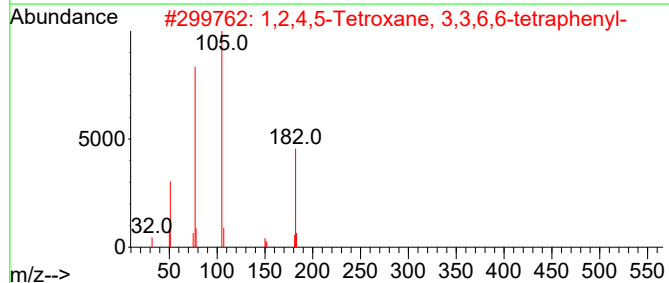
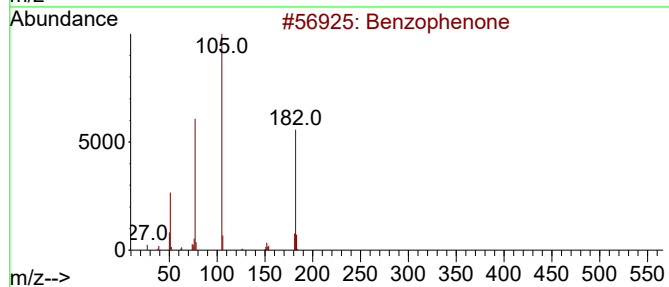
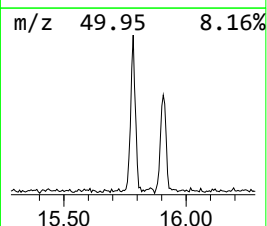
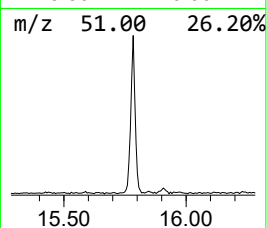
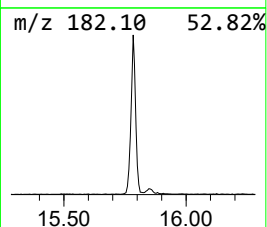
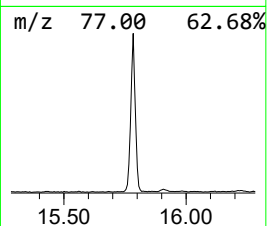
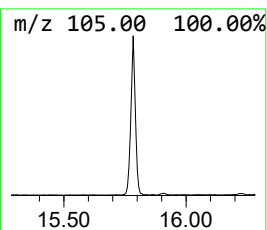
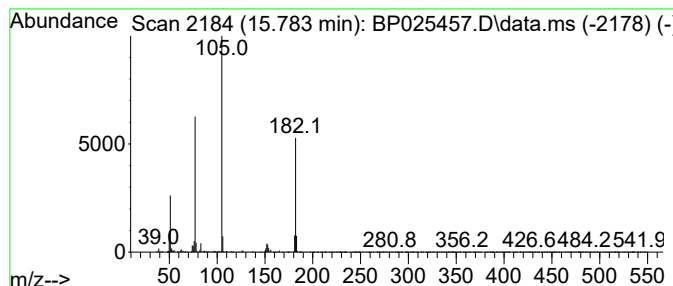
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Peak Number 5 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.783	8.20 ng	670024	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			Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	53
4			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	50
5			Azobenzene	182	C12H10N2	000103-33-3	45



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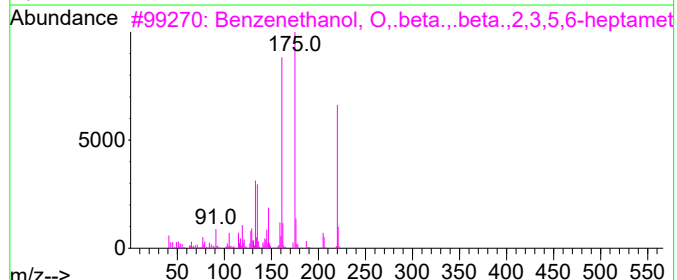
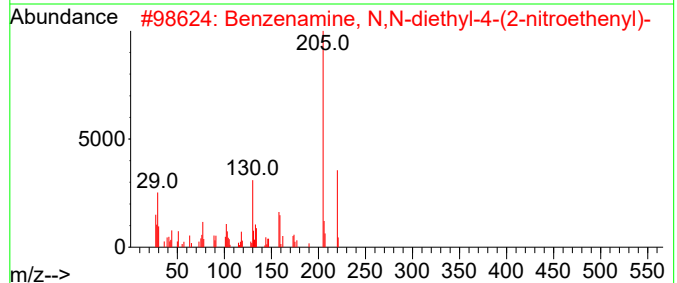
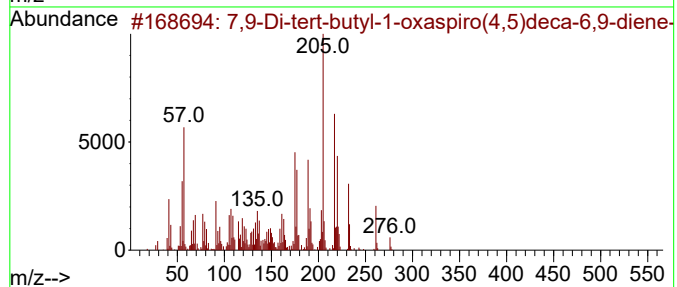
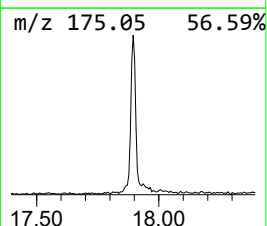
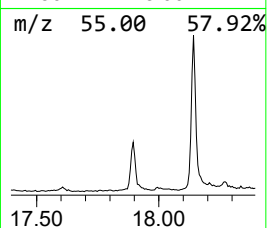
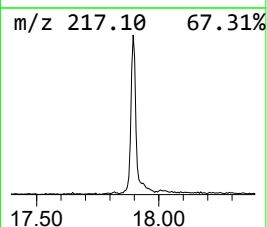
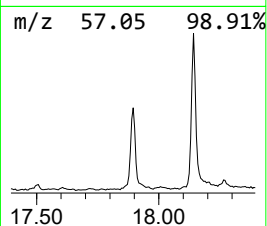
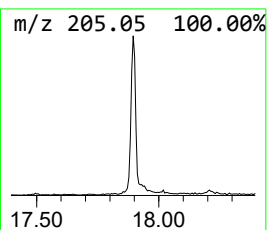
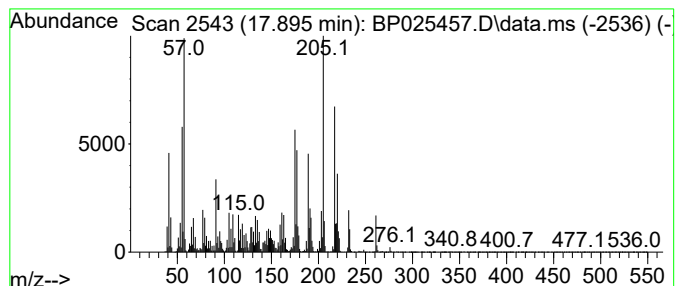
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Peak Number 6 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.895	10.81 ng	984131	Phenanthrene-d10	17.195	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	51
3	Benzenethanol, O,.beta.,.beta.,2...	220	C15H24O	1010128-94-8	46
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46
5	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	45



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Misc :
ALS Vial : 4 Sample Multiplier: 1

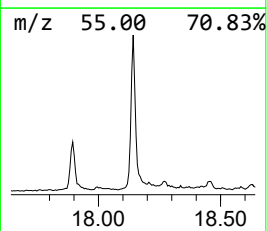
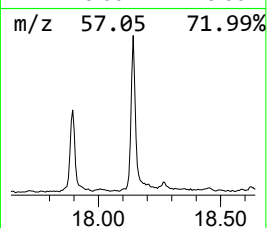
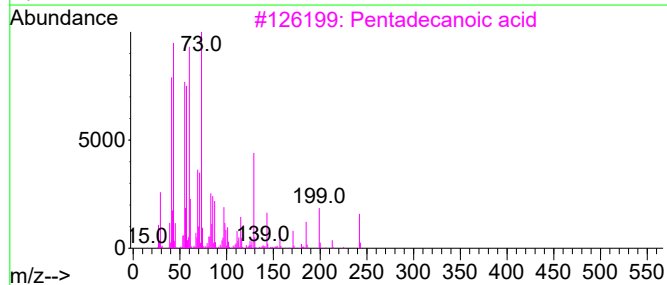
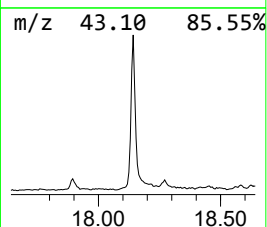
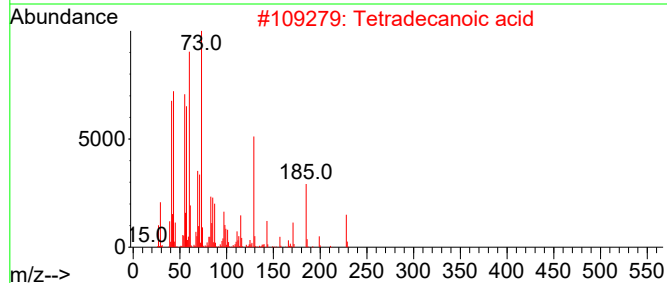
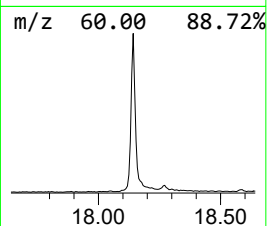
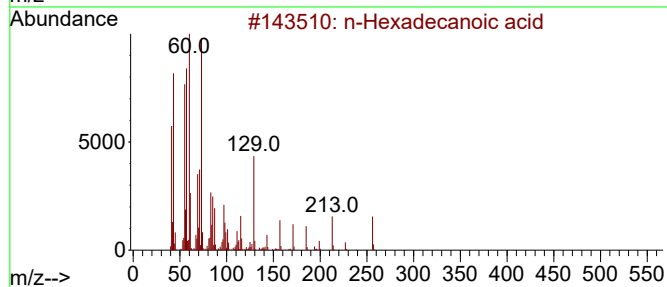
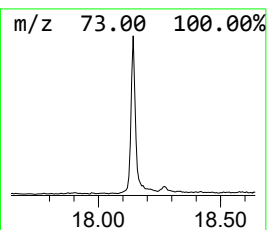
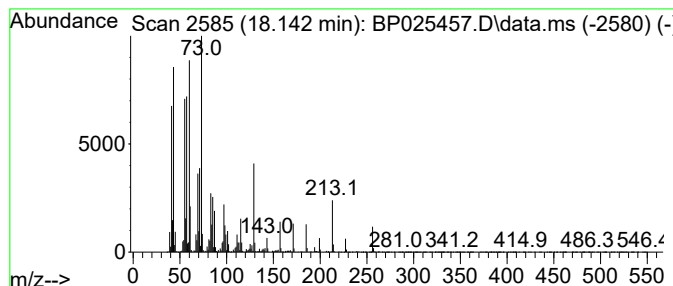
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ClientSampleId :
TP-10

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.142	18.97 ng	1727090	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	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	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025457.D
Acq On : 18 Aug 2025 12:06
Operator : CG/JU
Sample : Q2838-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-10

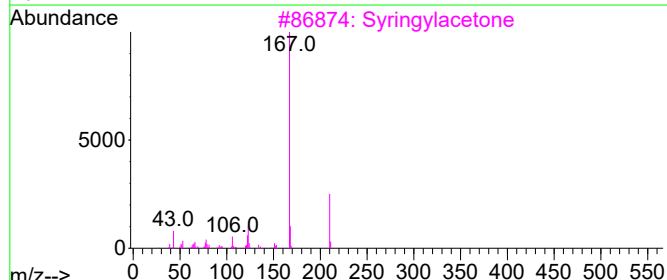
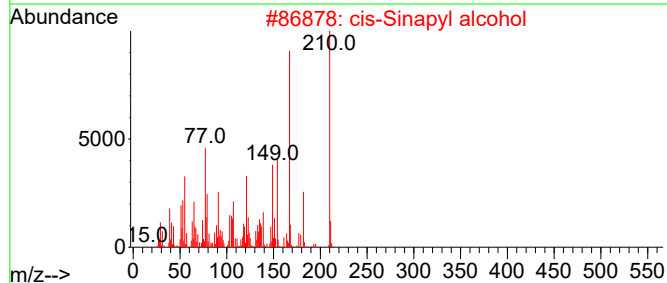
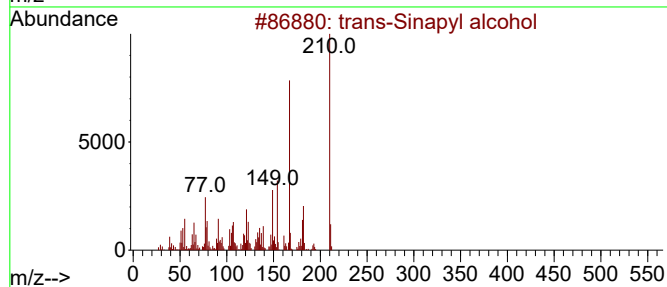
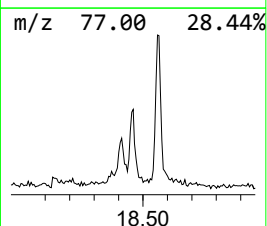
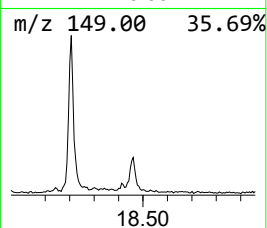
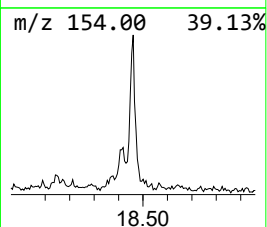
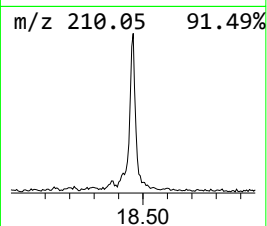
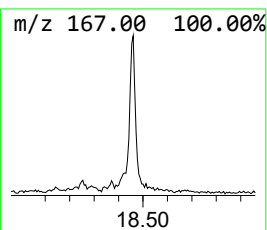
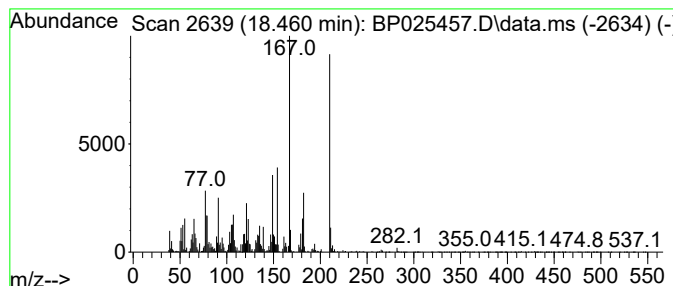
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 trans-Sinapyl alcohol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.459	4.22 ng	384471	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Sinapyl alcohol	210	C11H14O4	020675-96-1	96
2			cis-Sinapyl alcohol	210	C11H14O4	104330-63-4	93
3			Syringylacetone	210	C11H14O4	019037-58-2	53
4			Phenol, 2-chloro-4-cyclohexyl-	210	C12H15ClO	003964-61-2	53
5			2-Pentanone, 1-(2,4,6-trihydroxy...	210	C11H14O4	1000116-22-3	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025457.D
Acq On : 18 Aug 2025 12:06
Operator : CG/JU
Sample : Q2838-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-10

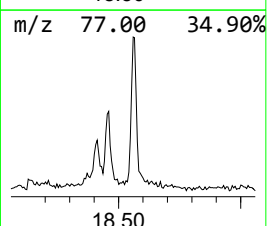
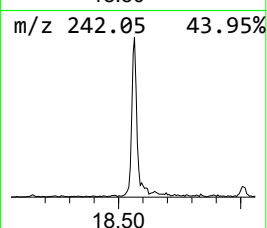
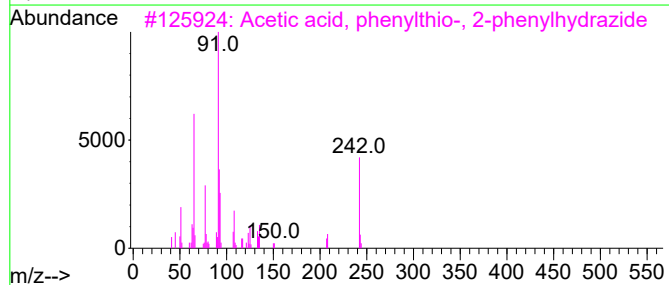
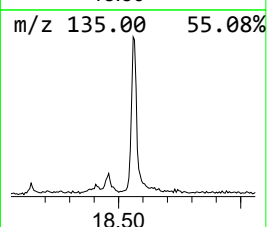
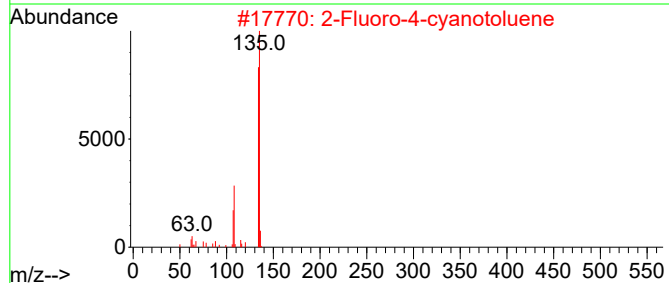
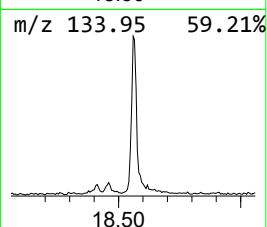
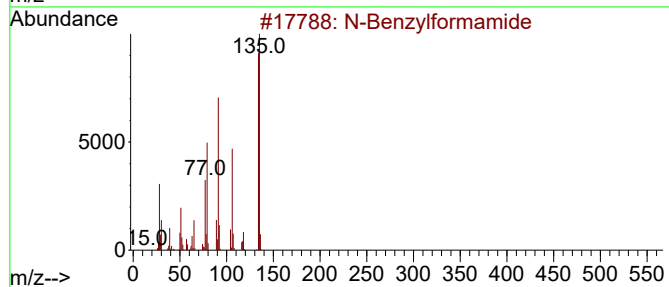
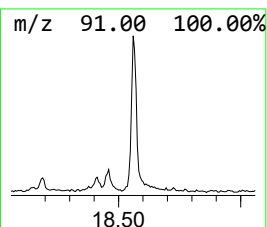
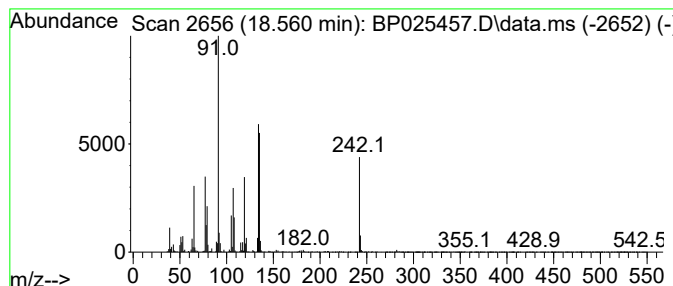
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown18.560 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.560	4.27 ng	389214	Phenanthrene-d10	17.195

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N-Benzylformamide	135	C8H9NO	006343-54-0	35
2			2-Fluoro-4-cyanotoluene	135	C8H6FN	170572-49-3	27
3			Acetic acid, phenylthio-, 2-phen...	242	C14H14N2S	020185-00-6	27
4			2-Benzyloxyphenylacetic acid	242	C15H14O3	022047-88-7	25
5			Benzedrone	253	C17H19NO	1797979-43-1	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025457.D
Acq On : 18 Aug 2025 12:06
Operator : CG/JU
Sample : Q2838-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

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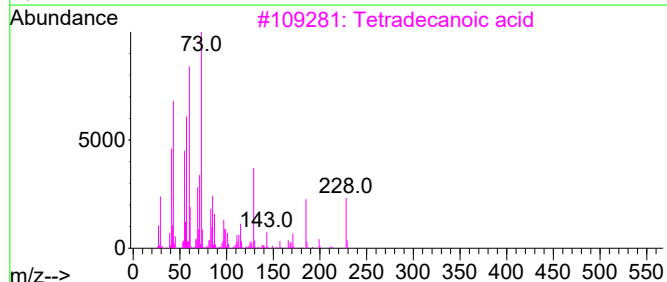
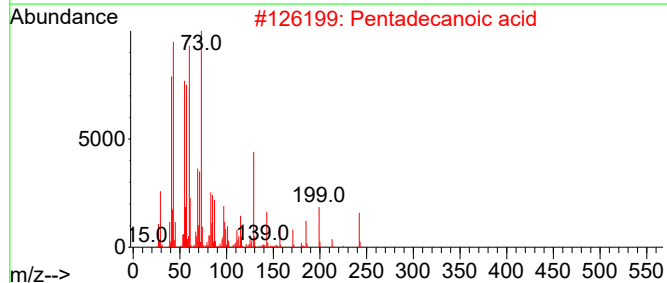
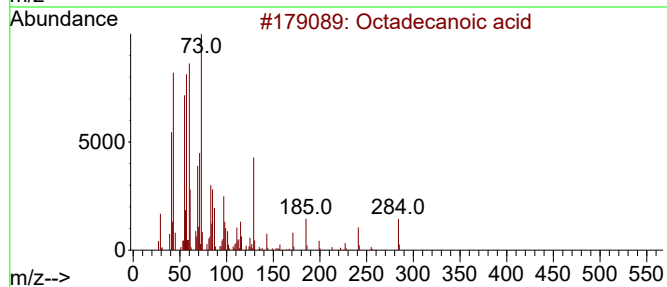
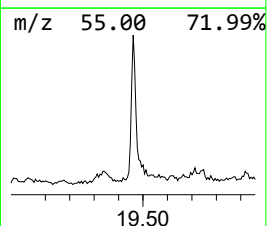
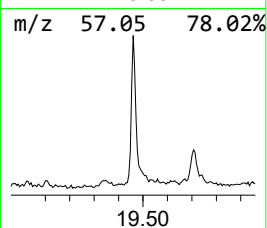
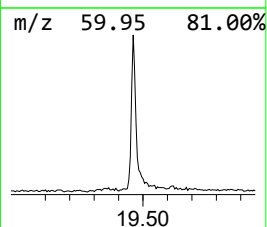
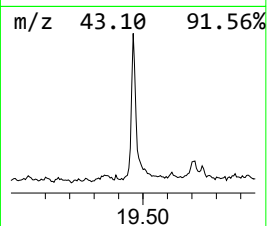
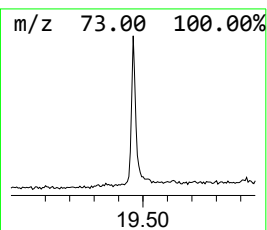
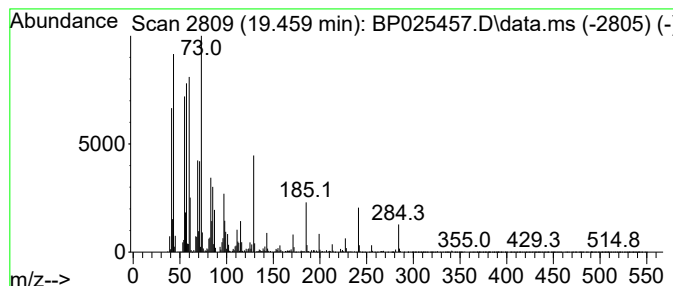
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Pentadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.459	5.73 ng	742033	Chrysene-d12	21.624

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	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025457.D
Acq On : 18 Aug 2025 12:06
Operator : CG/JU
Sample : Q2838-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

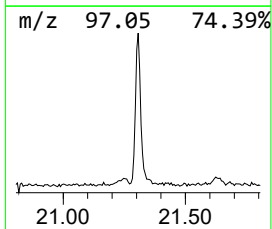
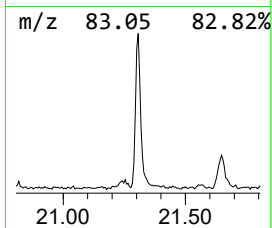
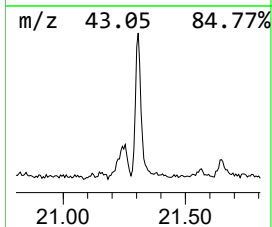
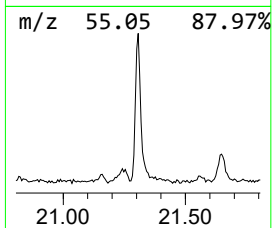
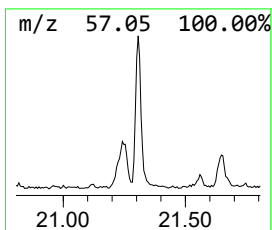
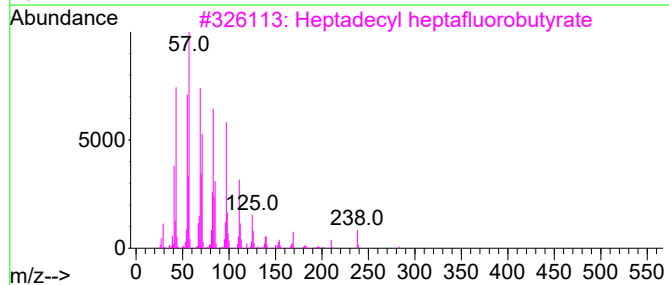
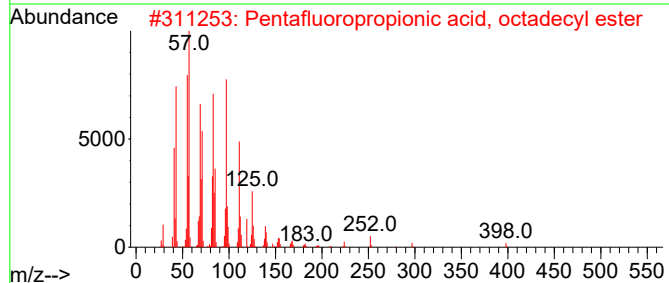
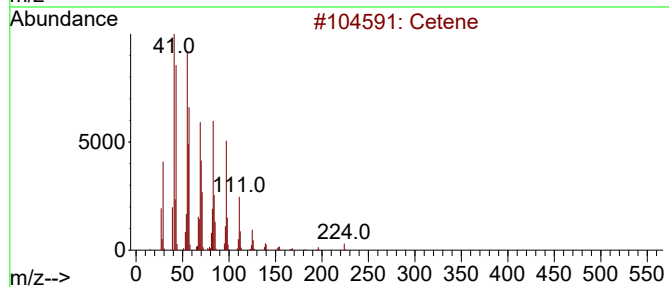
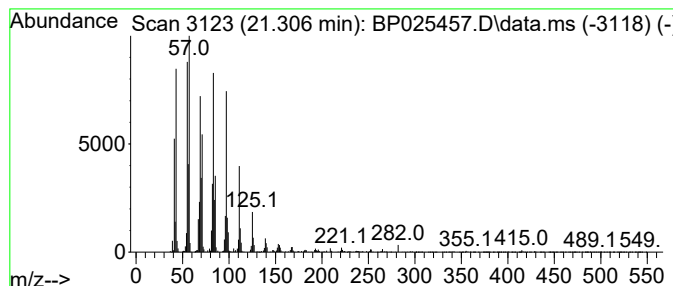
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Cetene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.306	6.00 ng	777162	Chrysene-d12		21.624	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cetene		224	C16H32	000629-73-2	94
2	Pentafluoropropionic acid, octadecyl ester		416	C21H37F5O2	959261-25-7	94
3	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	94
4	1-Heneicosyl formate		340	C22H44O2	077899-03-7	94
5	1-Heneicosanol		312	C21H44O	015594-90-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025457.D
Acq On : 18 Aug 2025 12:06
Operator : CG/JU
Sample : Q2838-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-10

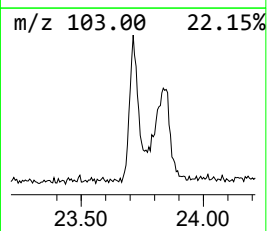
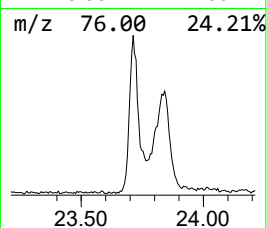
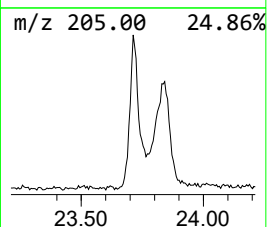
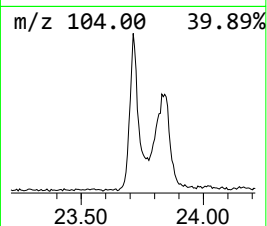
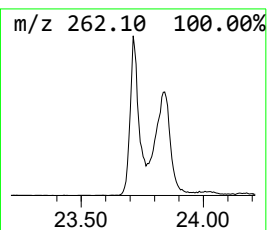
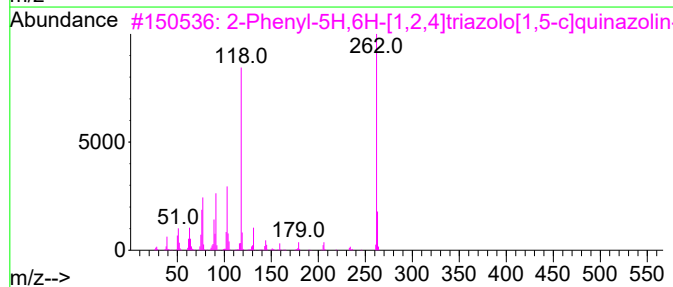
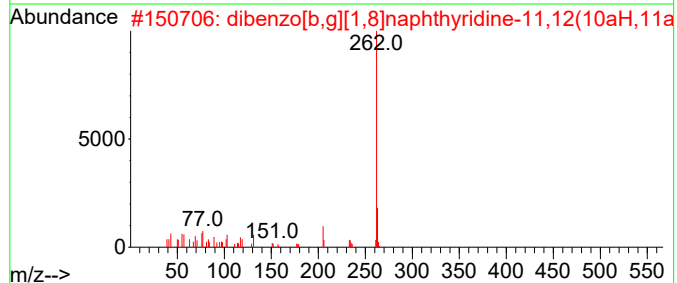
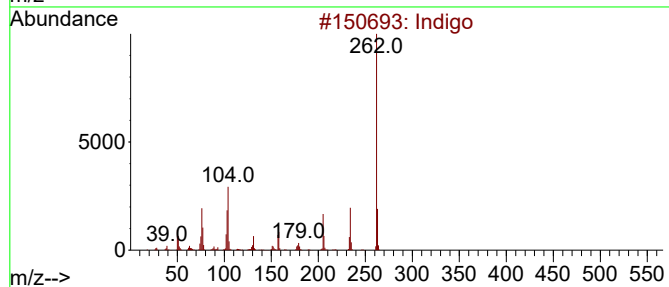
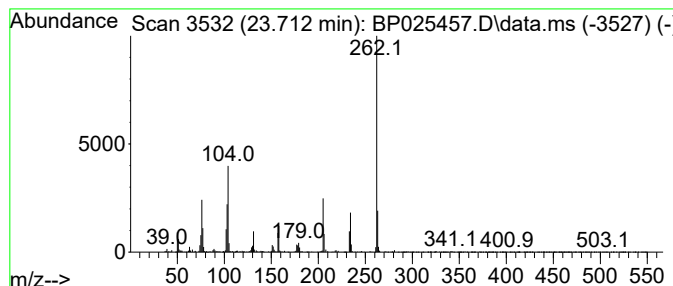
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Indigo Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.712	5.00 ng	646886	Perylene-d12	25.000

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indigo	262	C16H10N2O2	000482-89-3	99
2			dibenzo[b,g][1,8]naphthyridine-1...	262	C16H10N2O2	1000396-82-0	64
3			2-Phenyl-5H,6H-[1,2,4]triazolo[1...	262	C15H10N4O	104614-81-5	53
4			Phthalazino[2,3-a]cinnoline-8,13...	426	C24H18N4O4	074966-82-8	50
5			Anthracene, 1,2,3,4,5,6,7,8-octa...	262	C20H22	125379-29-5	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081825\
Data File : BP025457.D
Acq On : 18 Aug 2025 12:06
Operator : CG/JU
Sample : Q2838-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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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-...	4.948	5.3	ng	242143	1	7.790	912920	20.0
Octadecanoic acid	15.013	37.7	ng	3078530	3	14.401	1633620	20.0
Benzophenone	15.783	8.2	ng	670024	3	14.401	1633620	20.0
7,9-Di-tert-but...	17.895	10.8	ng	984131	4	17.195	1820890	20.0
n-Hexadecanoic ...	18.142	19.0	ng	1727090	4	17.195	1820890	20.0
trans-Sinapyl a...	18.459	4.2	ng	384471	4	17.195	1820890	20.0
unknown18.560	18.560	4.3	ng	389214	4	17.195	1820890	20.0
Pentadecanoic acid	19.459	5.7	ng	742033	5	21.624	2589510	20.0
Cetene	21.306	6.0	ng	777162	5	21.624	2589510	20.0
Indigo	23.712	5.0	ng	646886	6	25.000	2589600	20.0