

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
 Data File : BP025617.D
 Acq On : 28 Aug 2025 18:42
 Operator : CG/JU
 Sample : Q2969-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-08272025

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: BP025617.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	11	16	21	rBV	649459	919983	15.17%	1.823%
2	4.937	334	340	352	rVB	231934	340760	5.62%	0.675%
3	5.402	412	419	435	rBV	1936757	2862583	47.21%	5.674%
4	6.960	676	684	697	rBV	1732593	2945753	48.58%	5.839%
5	7.772	815	822	829	rBV	768875	1265261	20.87%	2.508%
6	8.913	1009	1016	1027	rBV	1122363	1990702	32.83%	3.946%
7	10.543	1285	1293	1306	rBV	949253	1765841	29.12%	3.500%
8	12.919	1693	1697	1702	rVB3	44788	69901	1.15%	0.139%
9	12.995	1703	1710	1719	rBV	2862393	4507475	74.33%	8.934%
10	13.207	1742	1746	1753	rVB	147403	217145	3.58%	0.430%
11	13.325	1761	1766	1770	rVB3	35414	61948	1.02%	0.123%
12	13.866	1856	1858	1862	rVB	77650	88996	1.47%	0.176%
13	13.907	1862	1865	1871	rVB4	53060	66496	1.10%	0.132%
14	14.290	1925	1930	1935	rVB	388458	529398	8.73%	1.049%
15	14.390	1938	1947	1956	rBV	1477548	2313912	38.16%	4.586%
16	14.795	2013	2016	2022	rVB5	59108	91651	1.51%	0.182%
17	14.913	2032	2036	2045	rVB2	104354	189117	3.12%	0.375%
18	15.248	2089	2093	2098	rVB	559904	707903	11.67%	1.403%
19	15.660	2158	2163	2168	rVB	219379	346055	5.71%	0.686%
20	15.760	2175	2180	2186	rVB	438501	655313	10.81%	1.299%
21	15.825	2186	2191	2196	rBV3	69016	131525	2.17%	0.261%
22	15.895	2197	2203	2211	rBV	2264360	3293816	54.32%	6.528%
23	16.131	2239	2243	2246	rBV	653730	938693	15.48%	1.861%
24	16.160	2246	2248	2257	rVB	428048	498934	8.23%	0.989%
25	16.942	2377	2381	2386	rBV	593012	747018	12.32%	1.481%
26	17.001	2386	2391	2401	rVB	263260	482808	7.96%	0.957%
27	17.183	2416	2422	2427	rBV2	1749043	2441276	40.26%	4.839%
28	17.625	2494	2497	2506	rVB3	91128	163149	2.69%	0.323%
29	17.713	2507	2512	2516	rVB	625545	720567	11.88%	1.428%
30	18.125	2577	2582	2589	rBV	1485437	2206469	36.39%	4.373%
31	18.430	2629	2634	2641	rBV	521563	703888	11.61%	1.395%
32	18.913	2714	2716	2722	rVB3	66915	69050	1.14%	0.137%
33	19.089	2742	2746	2752	rVB	463030	628421	10.36%	1.246%
34	19.313	2780	2784	2794	rVB2	242933	444281	7.33%	0.881%
35	19.448	2803	2807	2818	rBV	706223	1229365	20.27%	2.437%
36	19.689	2845	2848	2852	rBV	513803	597786	9.86%	1.185%

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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

37	19.907	2880	2885	2894	rVB	4085256	6064001	100.00%	12.019%
38	20.254	2940	2944	2948	rBV	316164	440636	7.27%	0.873%
39	20.772	3029	3032	3037	rVB	338252	378314	6.24%	0.750%
40	21.295	3118	3121	3127	rVB	653372	926789	15.28%	1.837%
41	21.630	3173	3178	3183	rBV2	1622514	2616414	43.15%	5.186%
42	25.001	3745	3751	3762	rVB	1003334	2794110	46.08%	5.538%

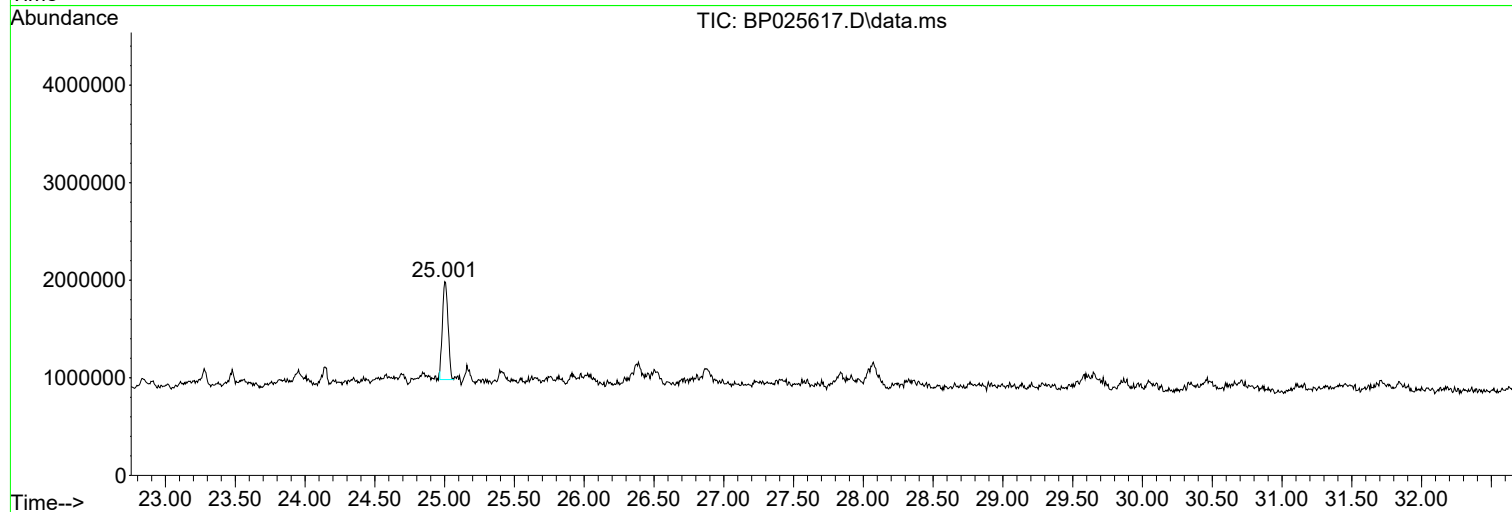
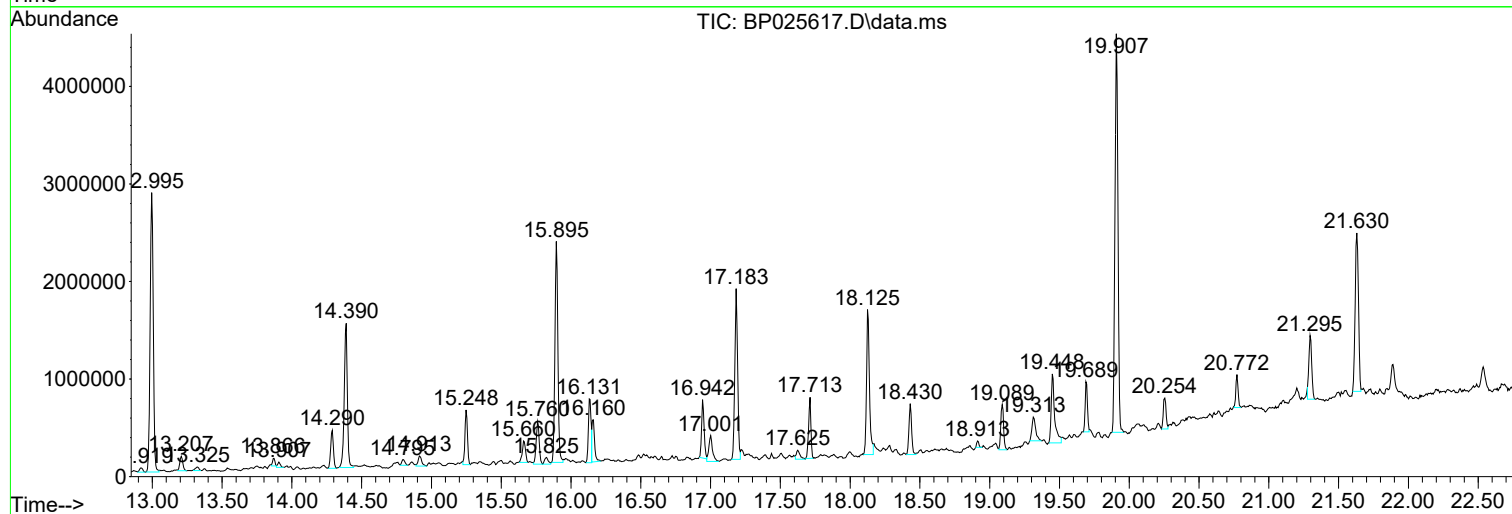
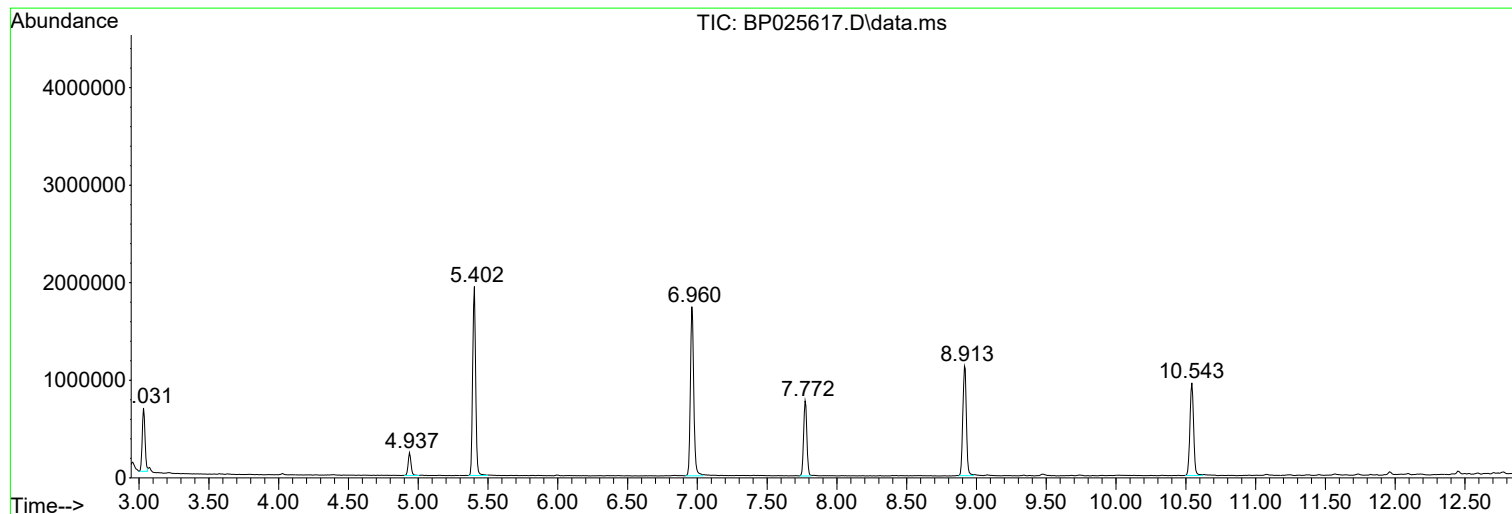
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : Q2969-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-08272025

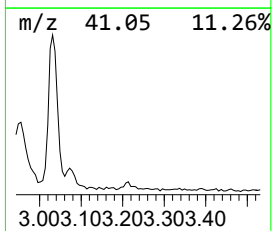
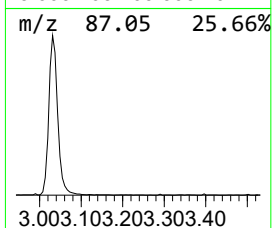
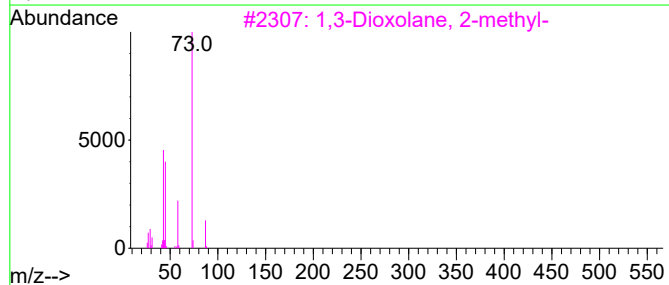
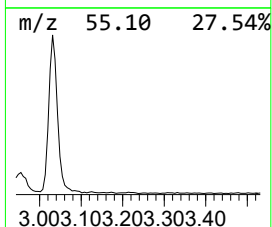
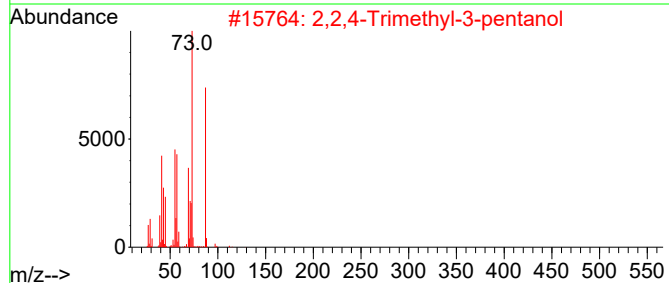
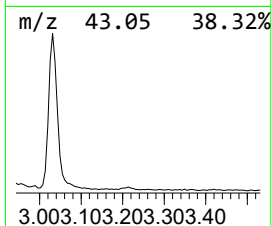
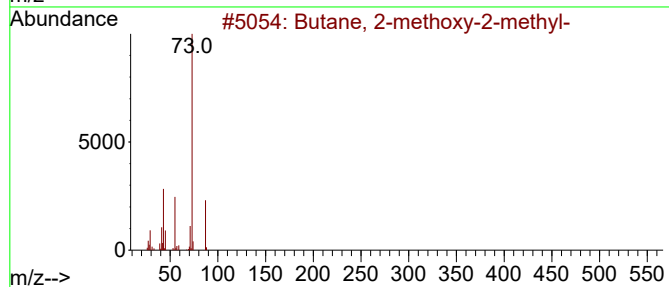
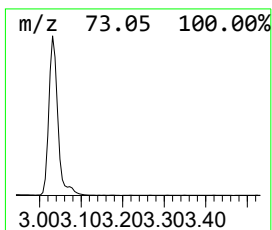
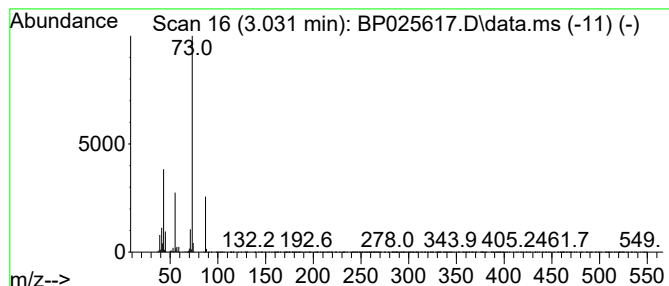
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	14.54 ng	919983	1,4-Dichlorobenzene-d4	7.772

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			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-08272025

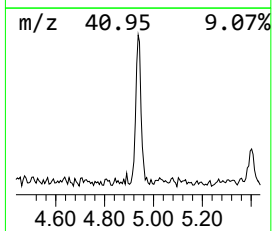
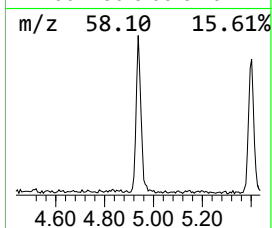
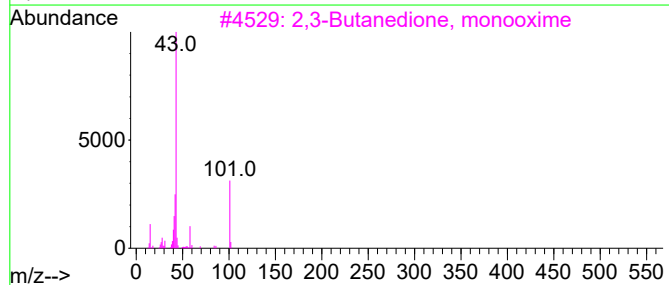
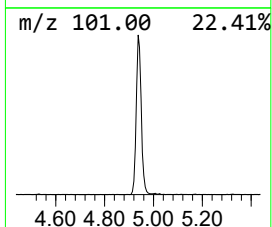
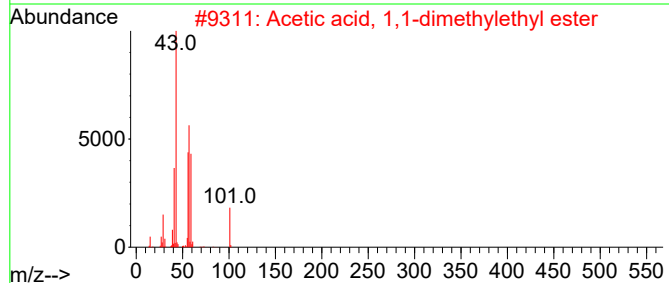
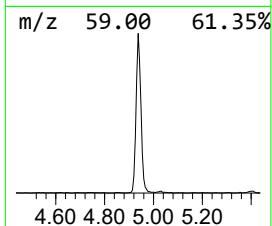
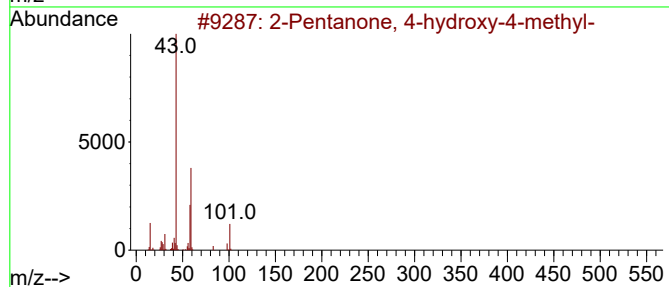
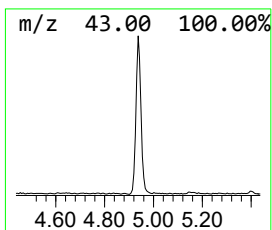
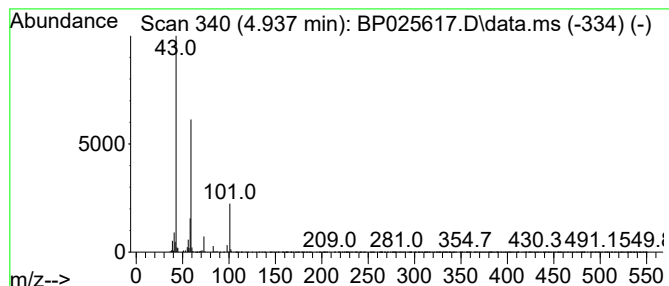
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	5.39 ng	340760	1,4-Dichlorobenzene-d4	7.772

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4			Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	17



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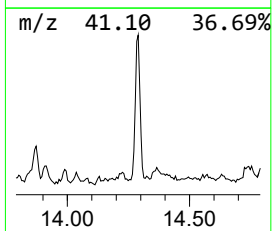
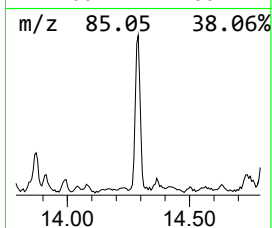
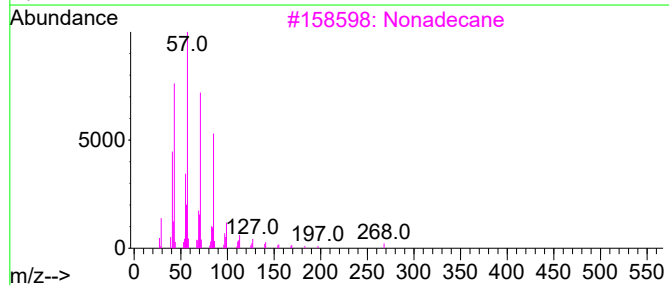
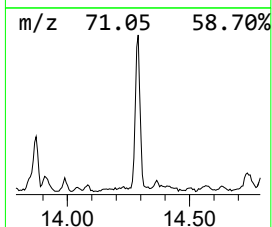
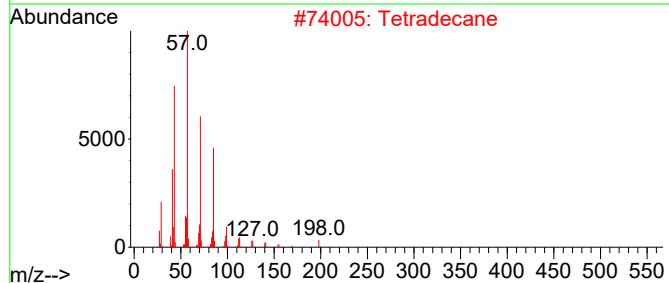
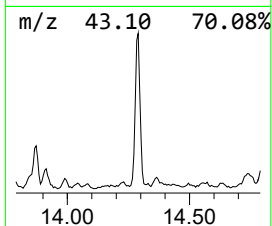
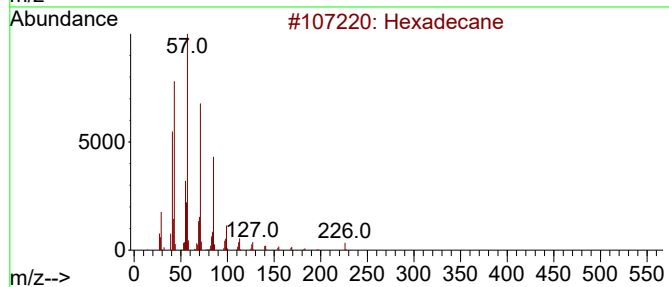
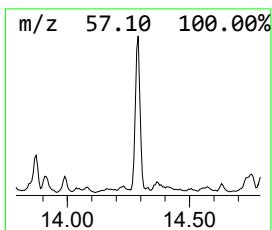
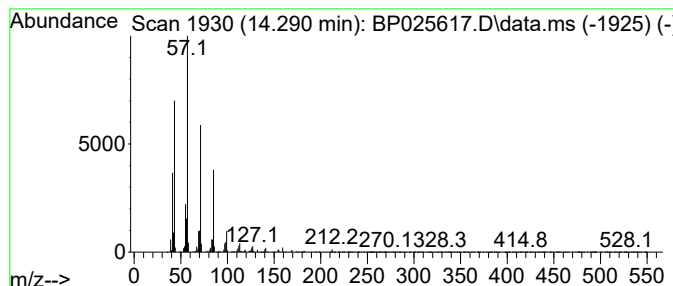
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.290	4.58 ng	529398	Acenaphthene-d10	14.390

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tetradecane	198	C14H30	000629-59-4	87
3			Nonadecane	268	C19H40	000629-92-5	87
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5			Tridecane	184	C13H28	000629-50-5	86



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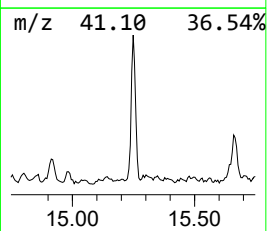
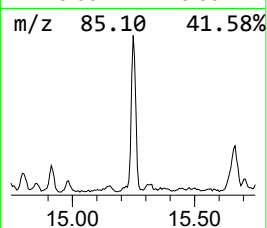
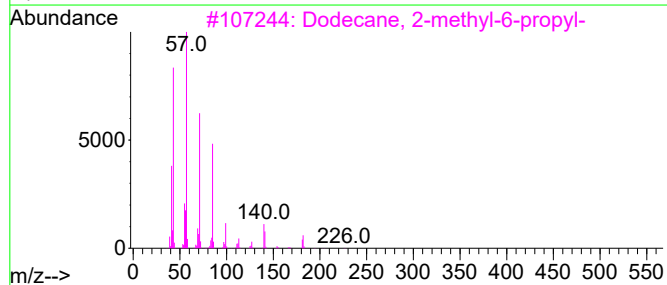
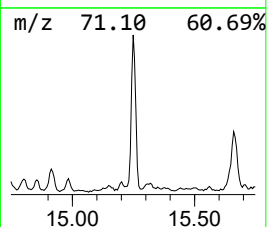
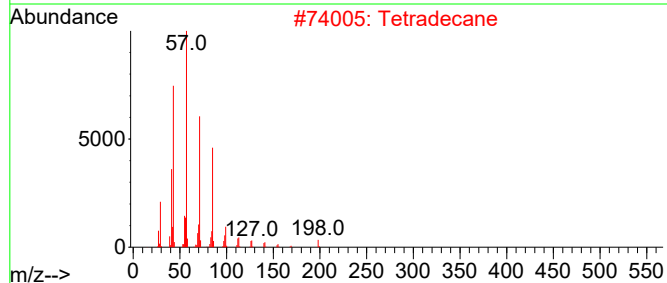
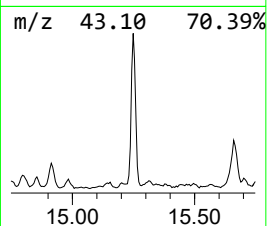
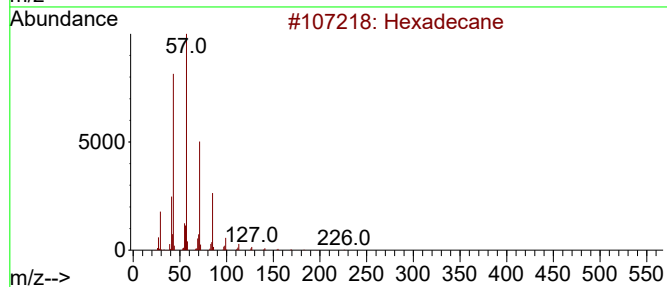
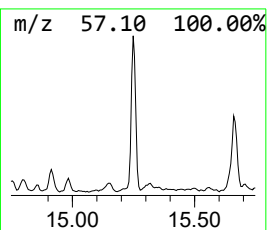
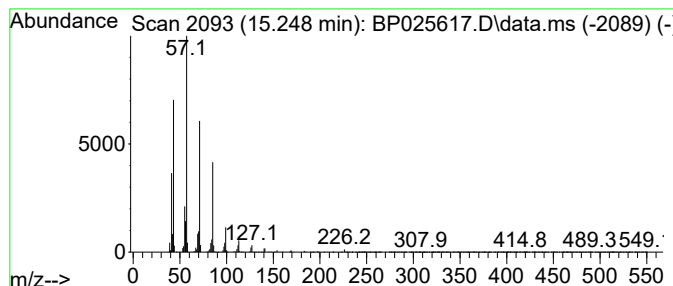
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.248	6.12 ng	707903	Acenaphthene-d10	14.390

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	97
2			Tetradecane	198	C14H30	000629-59-4	91
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4			Heptadecane	240	C17H36	000629-78-7	86
5			Pentadecane	212	C15H32	000629-62-9	80



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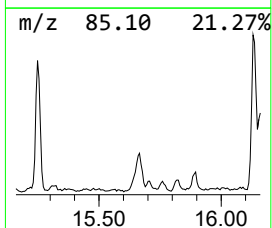
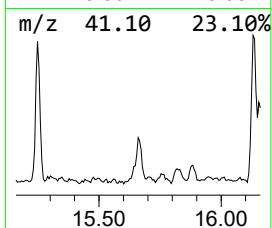
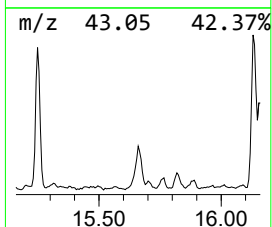
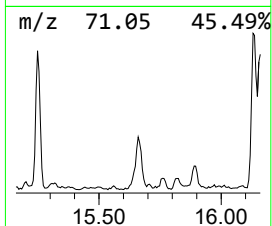
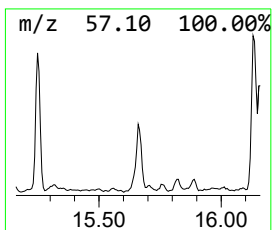
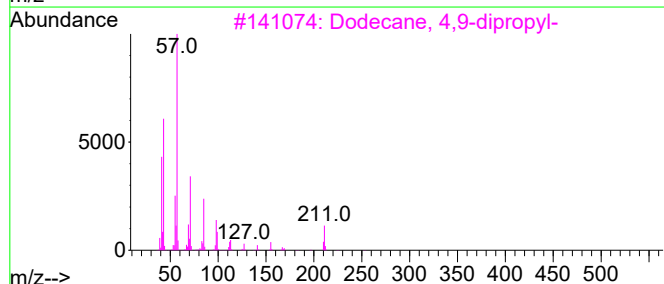
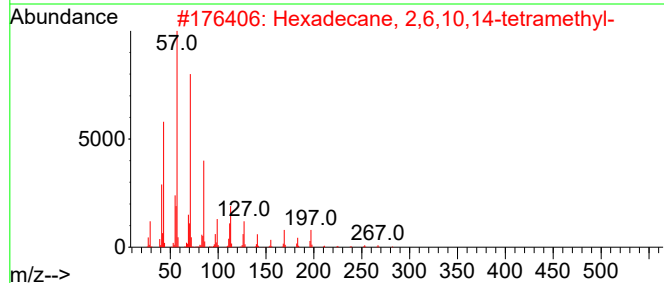
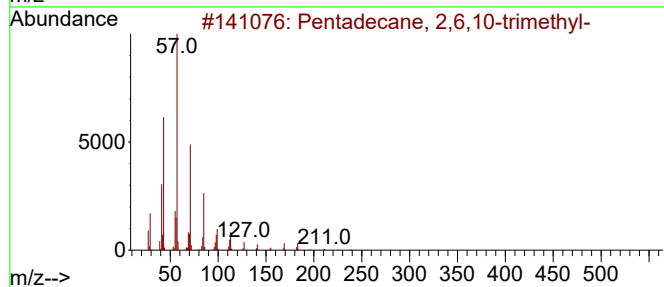
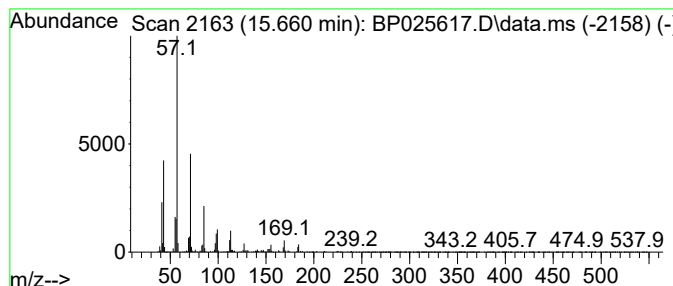
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ClientSampleId :
TR-05-08272025

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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 Pentadecane, 2,6,10-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.660	2.99 ng	346055	Acenaphthene-d10		14.390	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	91
2	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	90
3	Dodecane, 4,9-dipropyl-		254	C18H38	003054-63-5	80
4	Decane, 2,6,8-trimethyl-		184	C13H28	062108-26-3	70
5	Decane, 2-methyl-		156	C11H24	006975-98-0	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025617.D
Acq On : 28 Aug 2025 18:42
Operator : CG/JU
Sample : Q2969-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-08272025

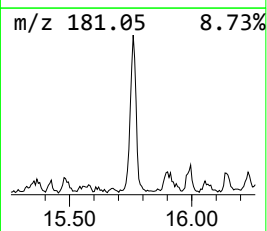
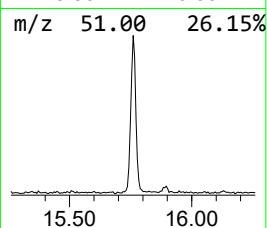
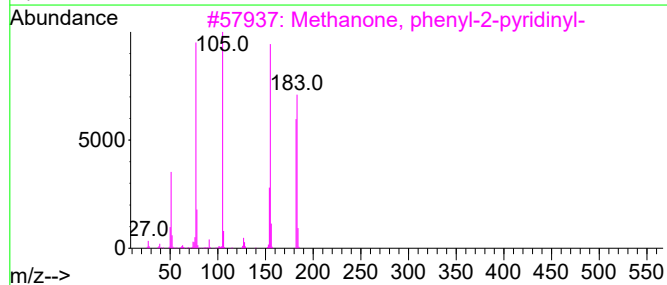
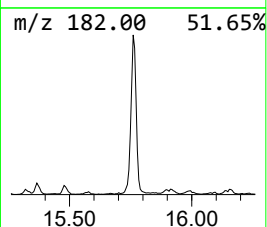
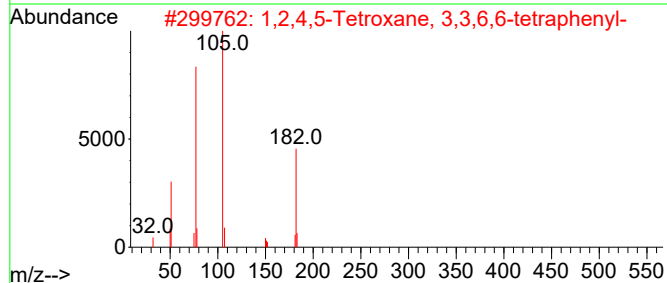
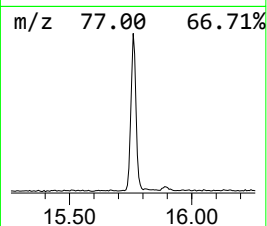
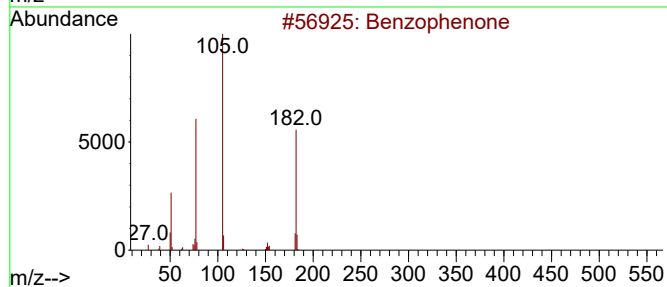
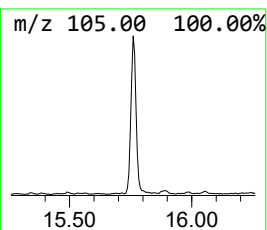
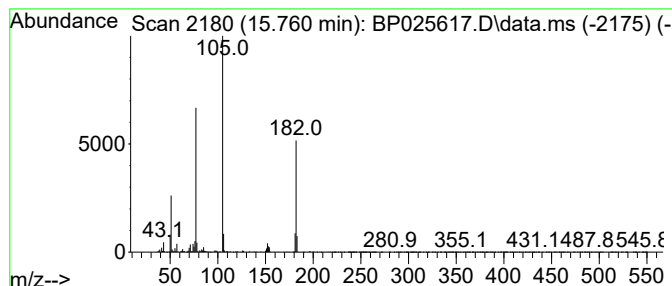
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.760	5.66 ng	655313	Acenaphthene-d10	14.390

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4			Azobenzene	182	C12H10N2	000103-33-3	42
5			1,1-Diphenyl-2-phenylthiobut-3-e...	332	C22H20OS	097370-20-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025617.D
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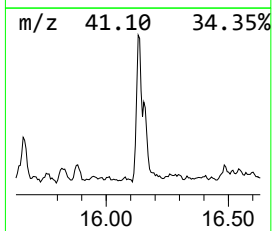
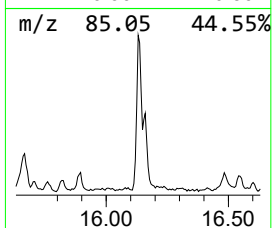
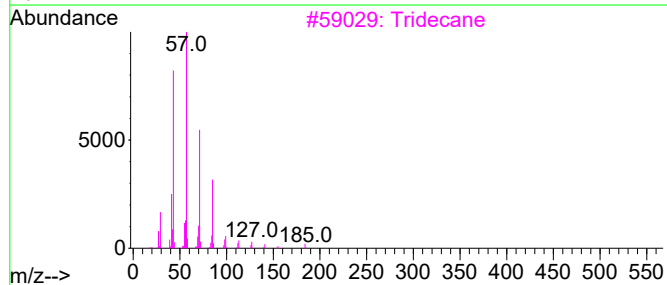
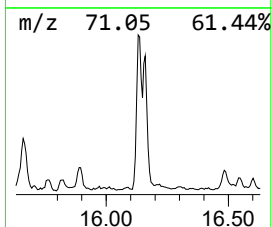
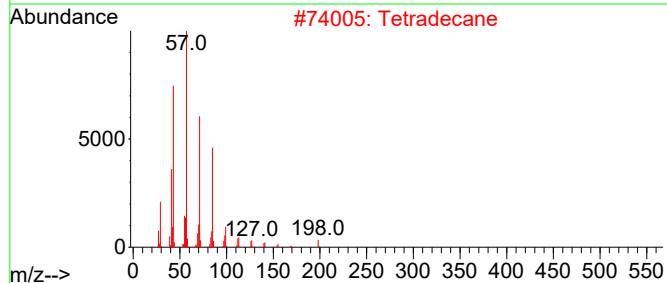
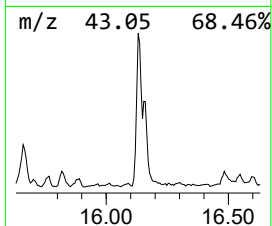
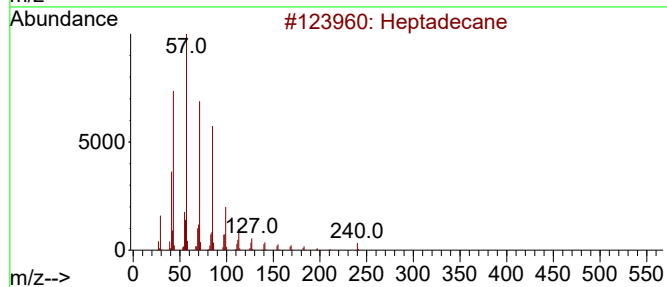
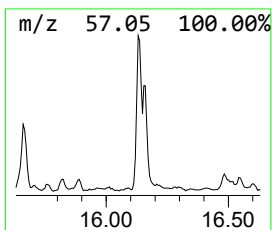
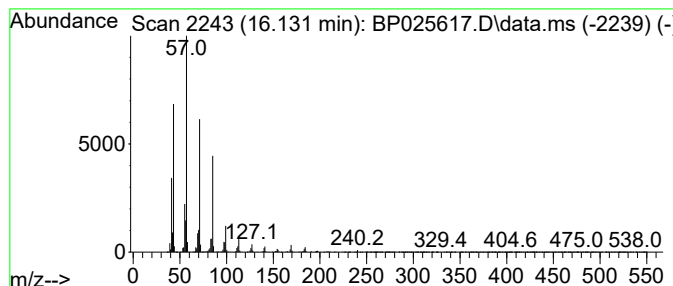
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.131	7.69 ng	938693	Phenanthrene-d10	17.183

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	97
2			Tetradecane	198	C14H30	000629-59-4	95
3			Tridecane	184	C13H28	000629-50-5	93
4			Eicosane	282	C20H42	000112-95-8	91
5			Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
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Operator : CG/JU
Sample : Q2969-01
Misc :
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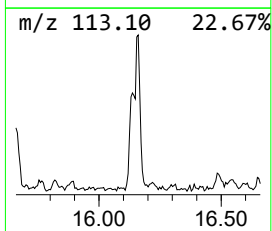
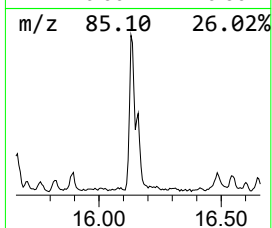
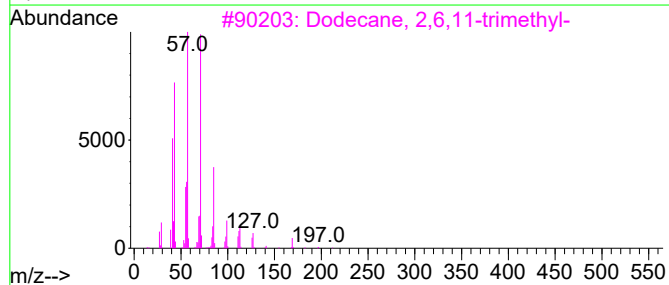
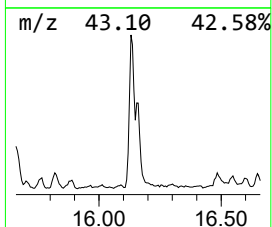
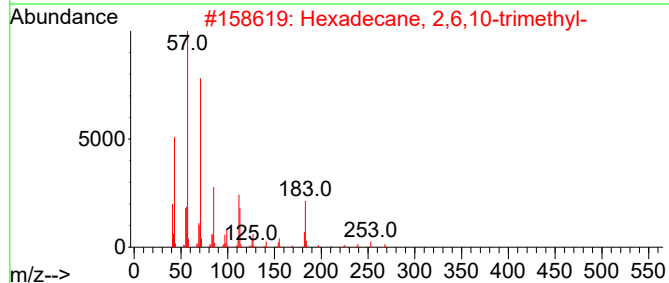
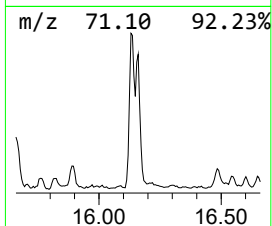
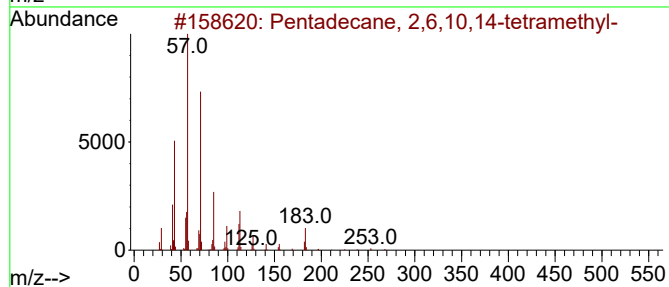
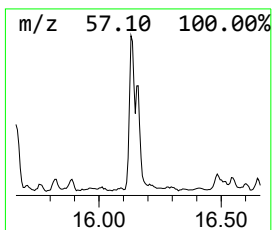
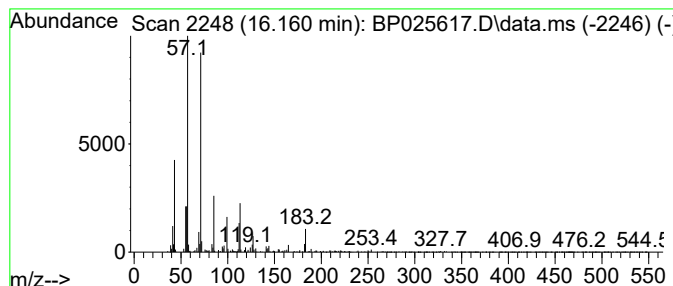
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane, 2,6,10,14-tetr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
16.160	4.09 ng	498934	Phenanthrene-d10			17.183
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	90
2	Hexadecane, 2,6,10-trimethyl-		268	C19H40	055000-52-7	72
3	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	64
4	Dodecane, 2,6,10-trimethyl-		212	C15H32	003891-98-3	64
5	Dodecane, 2-methyl-8-propyl-		226	C16H34	055045-07-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025617.D
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Instrument :
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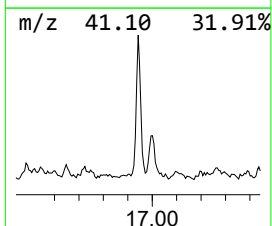
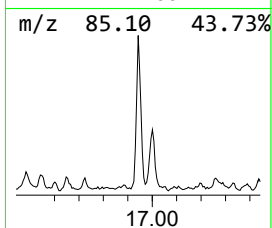
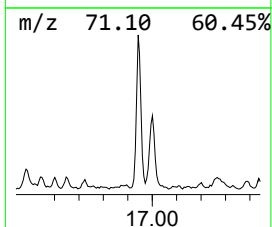
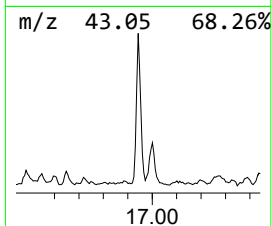
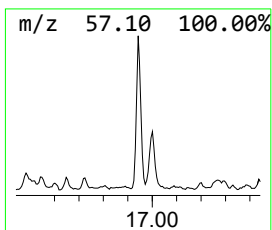
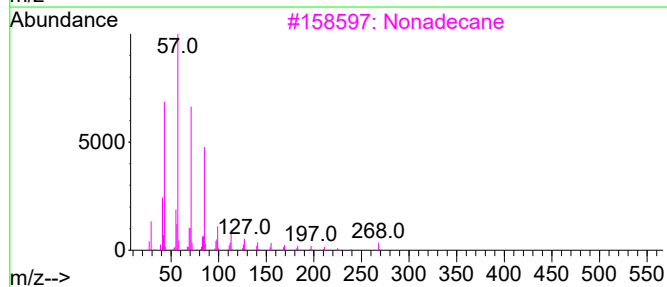
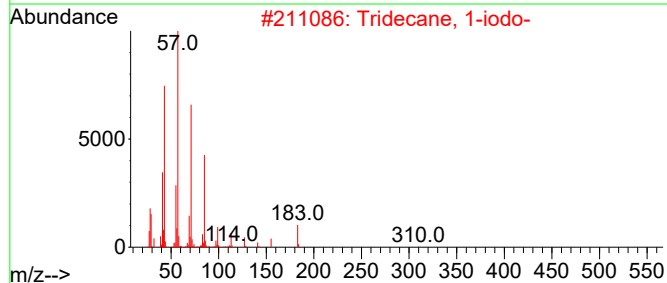
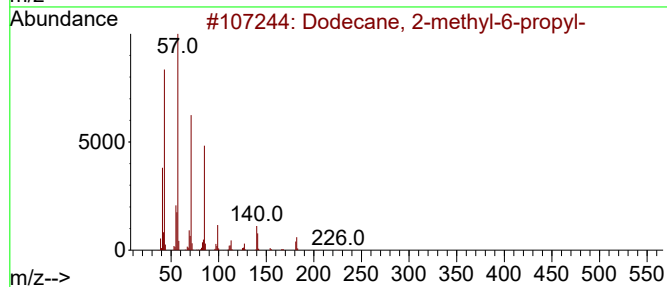
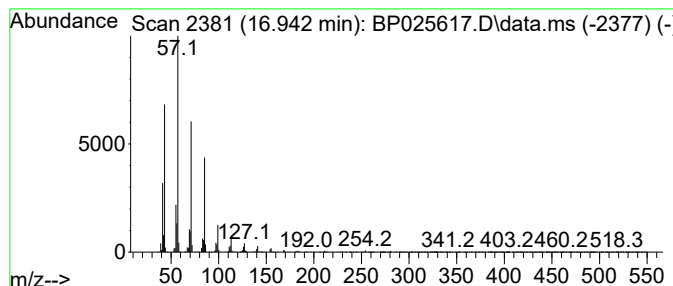
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 2-methyl-6-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.942	6.12 ng	747018	Phenanthrene-d10	17.183

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025617.D
Acq On : 28 Aug 2025 18:42
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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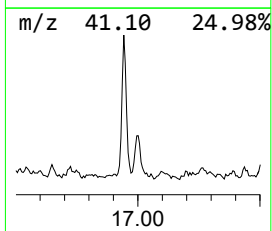
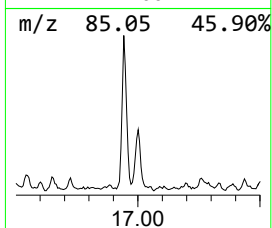
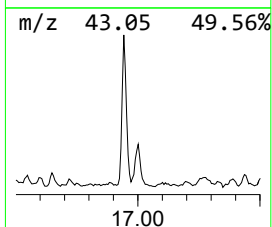
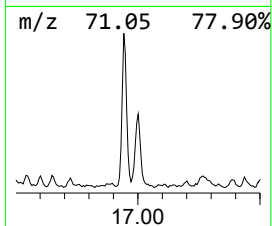
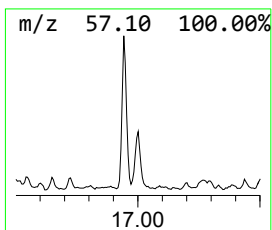
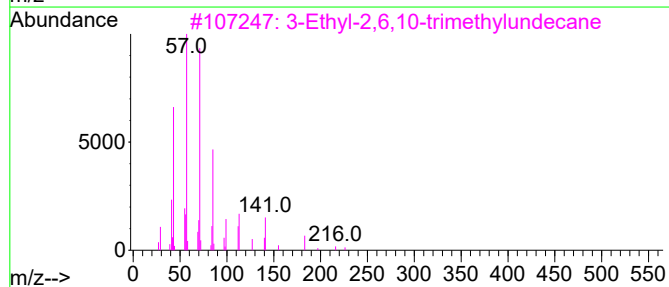
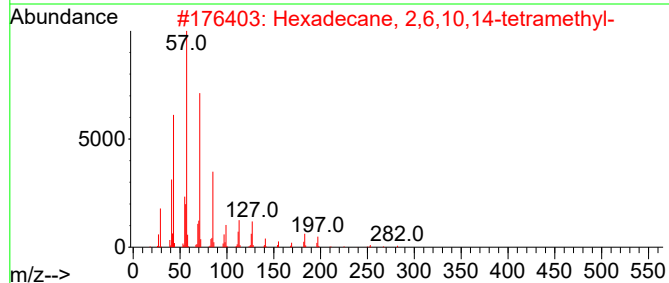
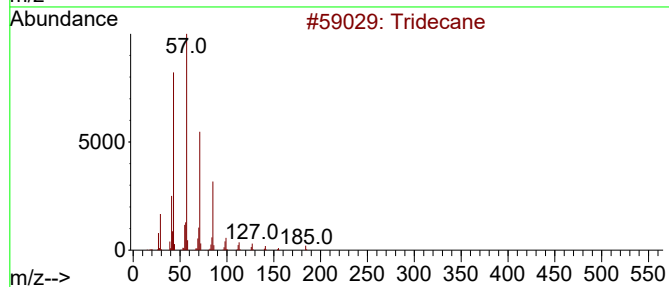
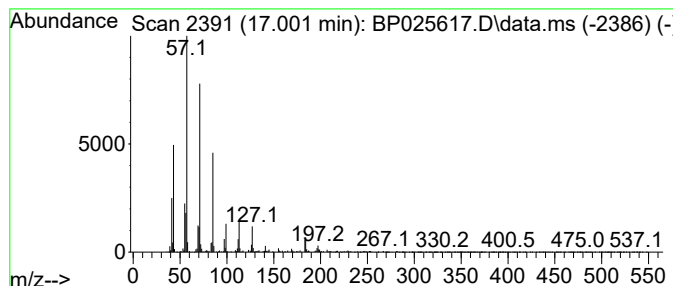
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.001	3.96 ng	482808	Phenanthrene-d10	17.183

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3		3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025617.D
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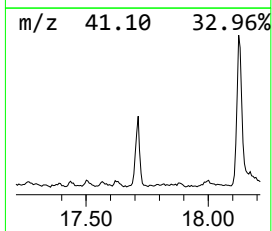
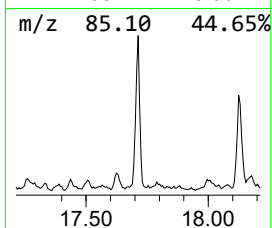
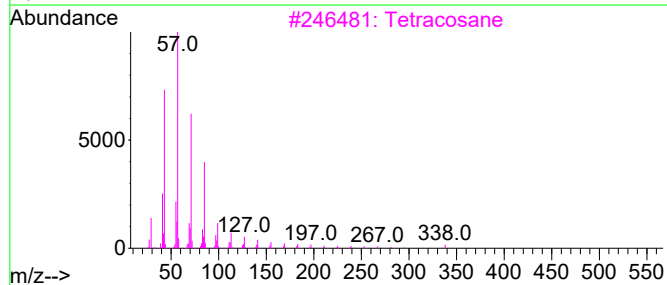
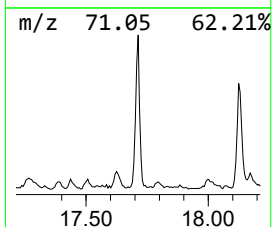
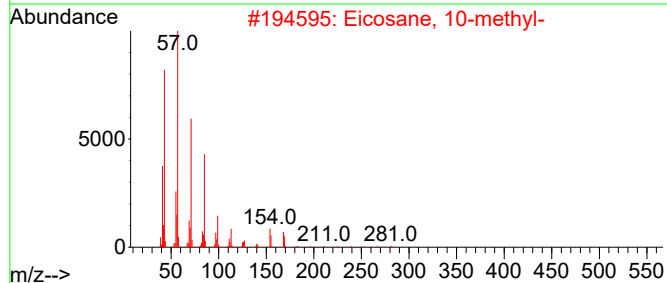
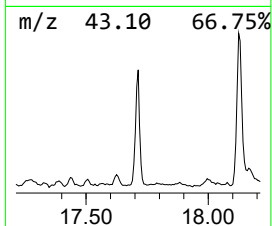
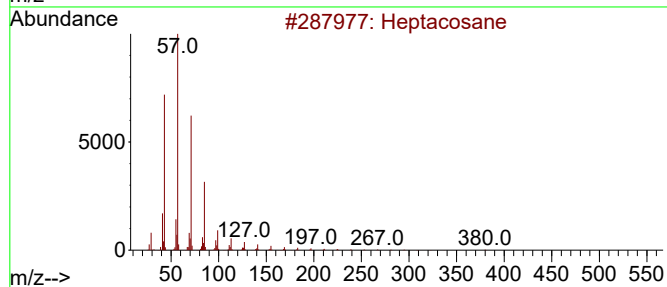
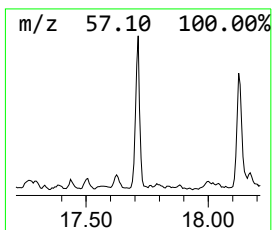
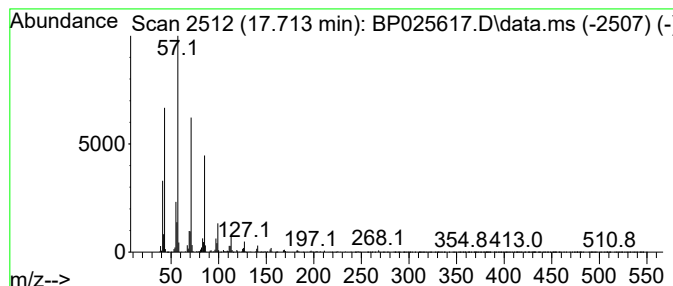
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.713	5.90 ng	720567	Phenanthrene-d10	17.183

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Hexacosane	366	C26H54	000630-01-3	86
5			Nonadecane	268	C19H40	000629-92-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025617.D
Acq On : 28 Aug 2025 18:42
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Sample : Q2969-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-08272025

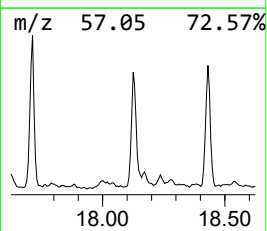
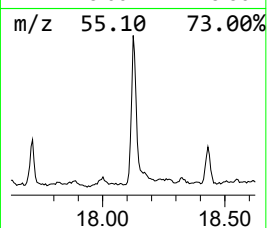
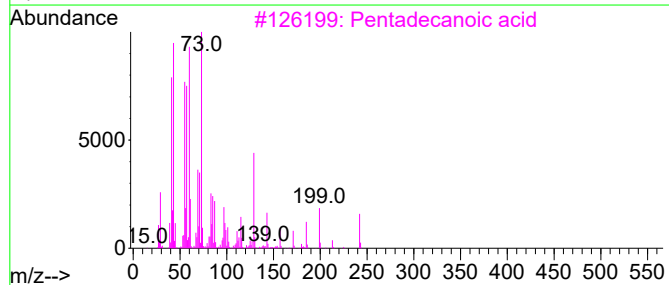
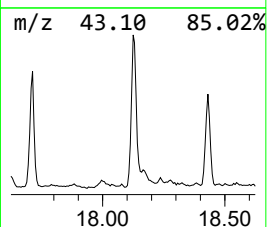
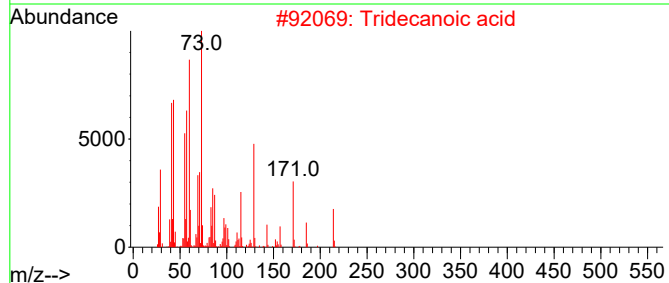
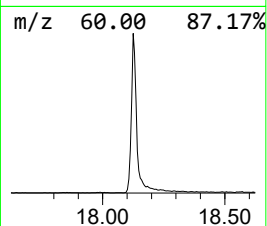
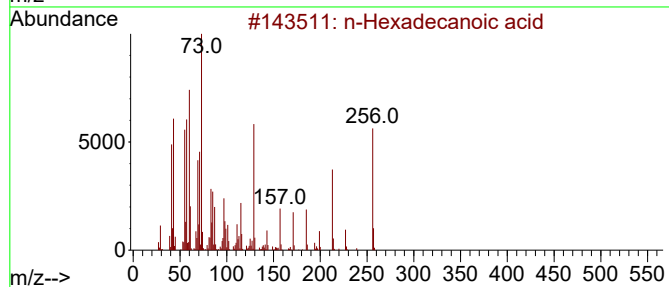
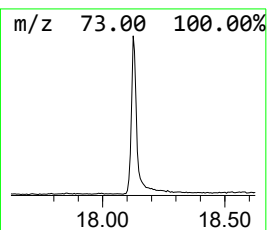
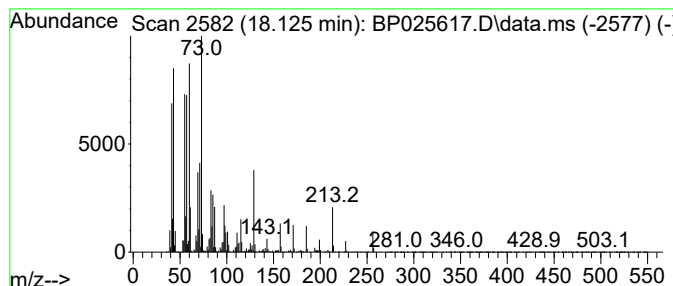
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.125	18.08 ng	2206470	Phenanthrene-d10	17.183

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			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			n-Decanoic acid	172	C10H20O2	000334-48-5	76
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025617.D
Acq On : 28 Aug 2025 18:42
Operator : CG/JU
Sample : Q2969-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-08272025

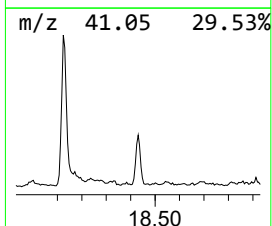
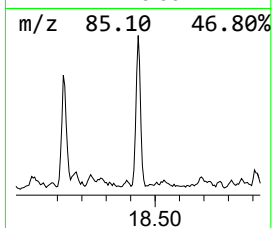
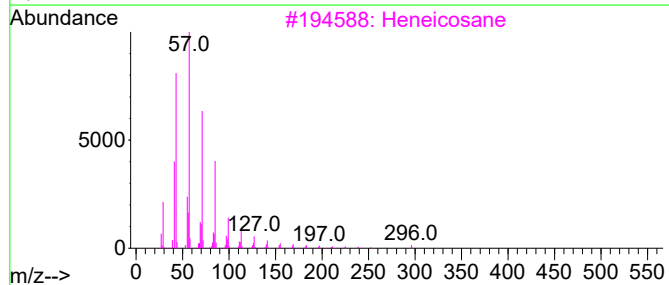
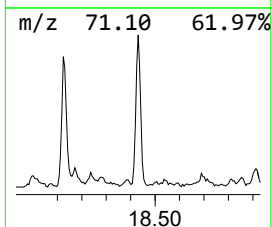
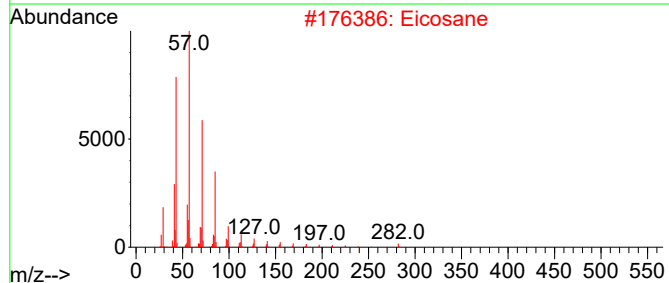
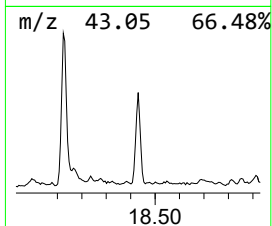
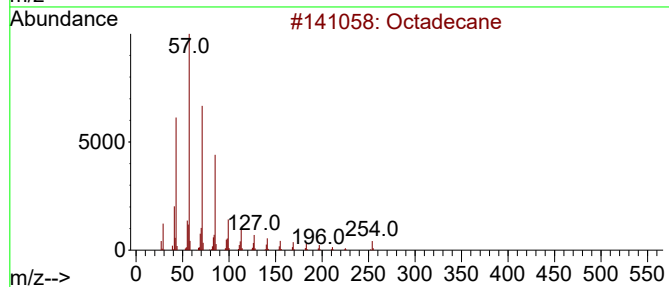
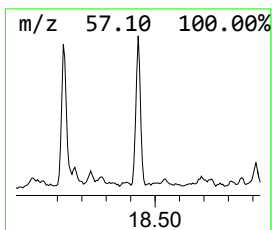
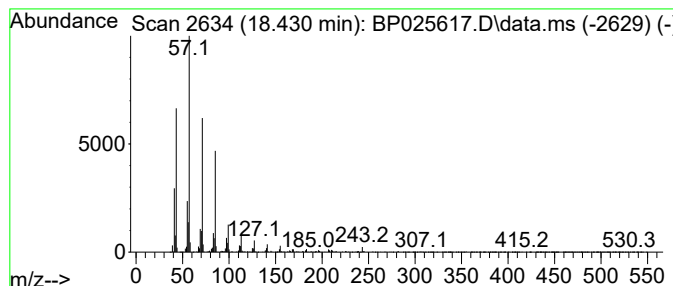
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.430	5.77 ng	703888	Phenanthrene-d10	17.183

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	94
2		Eicosane	282	C20H42	000112-95-8	94
3		Heneicosane	296	C21H44	000629-94-7	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Tetradecane	198	C14H30	000629-59-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025617.D
Acq On : 28 Aug 2025 18:42
Operator : CG/JU
Sample : Q2969-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-08272025

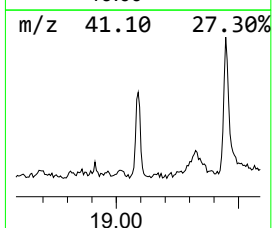
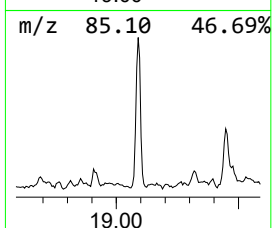
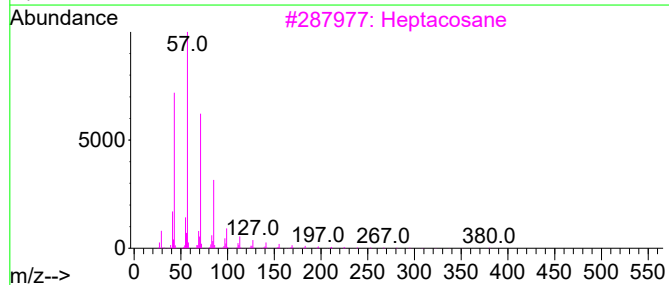
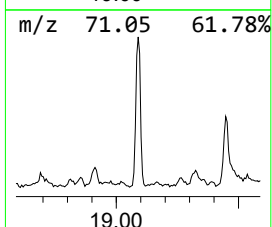
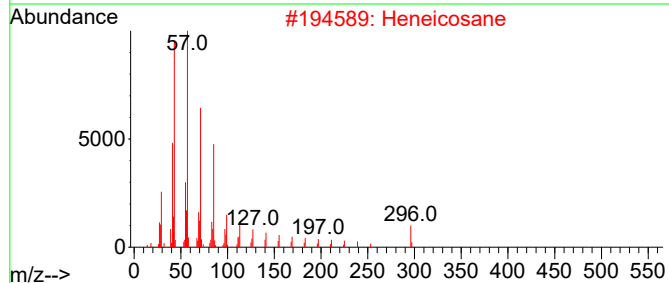
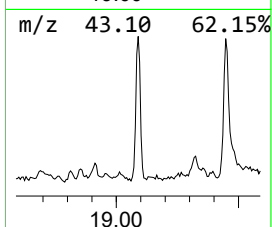
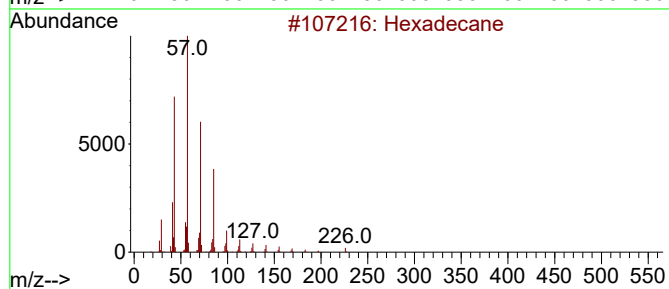
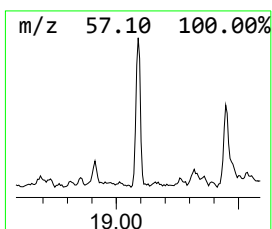
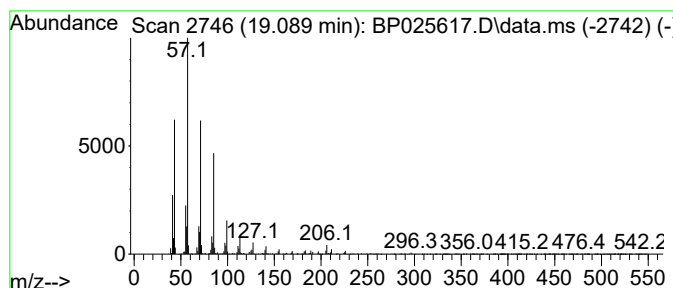
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane

Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.089	5.15 ng	628421	Phenanthrene-d10	17.183	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heneicosane	296	C21H44	000629-94-7	95
3	Heptacosane	380	C27H56	000593-49-7	91
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5	Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025617.D
Acq On : 28 Aug 2025 18:42
Operator : CG/JU
Sample : Q2969-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-08272025

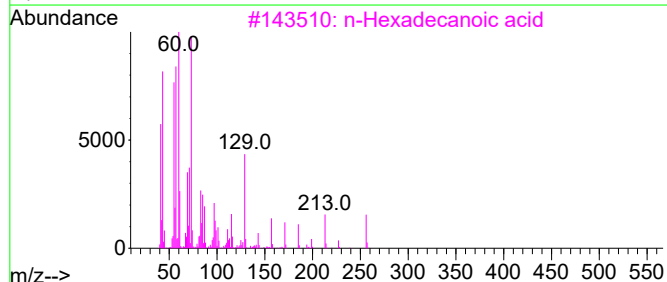
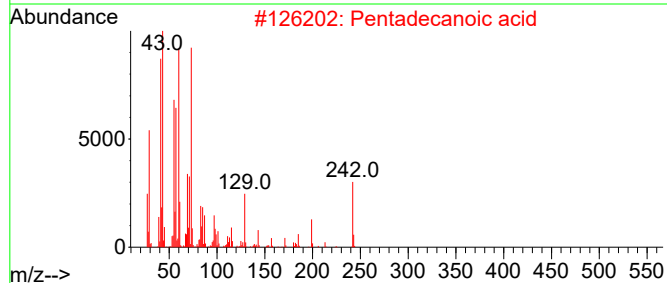
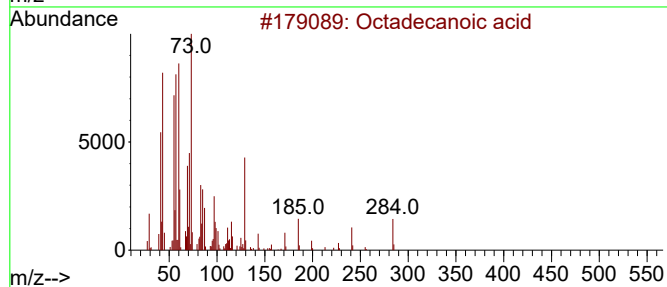
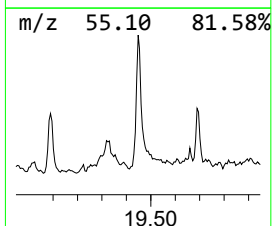
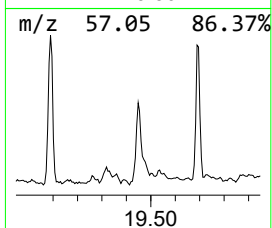
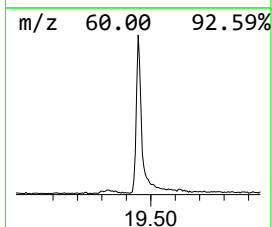
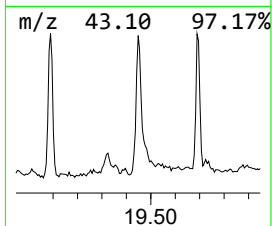
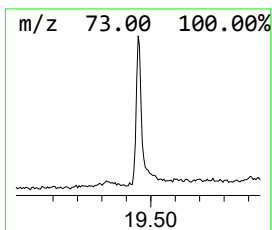
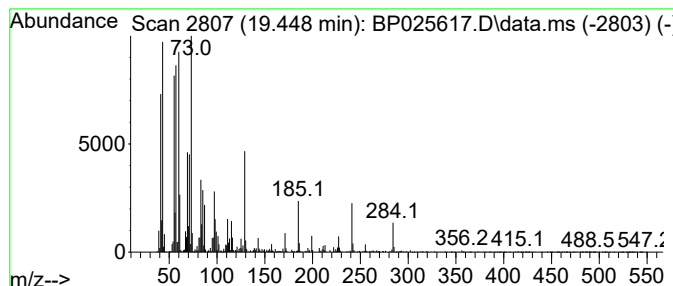
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.448	9.40 ng	1229370	Chrysene-d12	21.630

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			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			Undecanoic acid	186	C11H22O2	000112-37-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025617.D
Acq On : 28 Aug 2025 18:42
Operator : CG/JU
Sample : Q2969-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-08272025

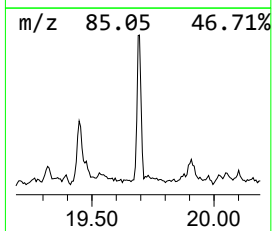
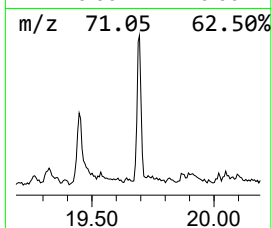
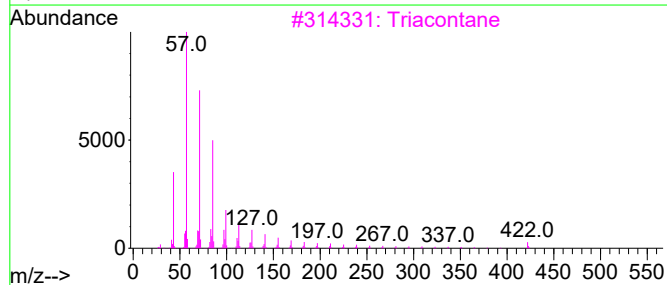
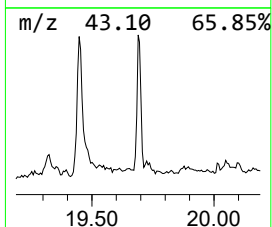
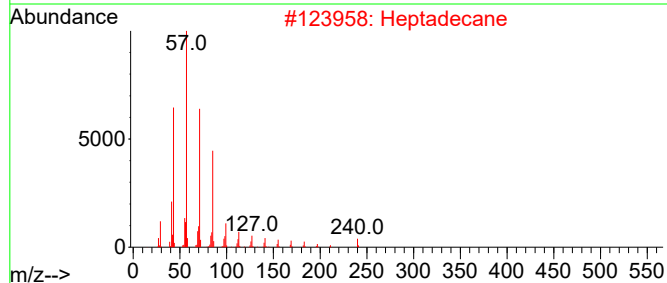
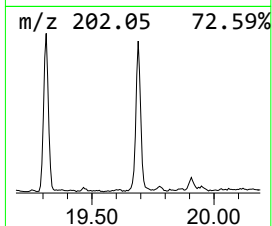
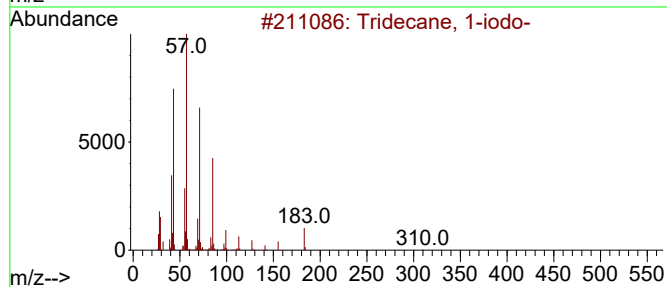
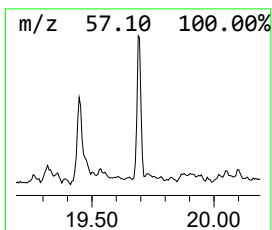
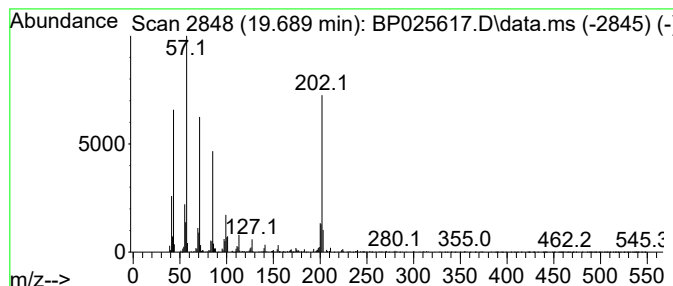
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.689	4.57 ng	597786	Chrysene-d12	21.630

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	70
2		Heptadecane	240	C17H36	000629-78-7	53
3		Triacontane	422	C30H62	000638-68-6	52
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	49
5		Octadecane	254	C18H38	000593-45-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025617.D
Acq On : 28 Aug 2025 18:42
Operator : CG/JU
Sample : Q2969-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-08272025

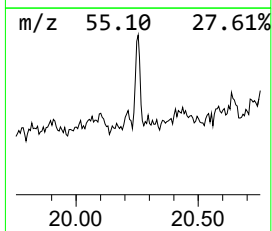
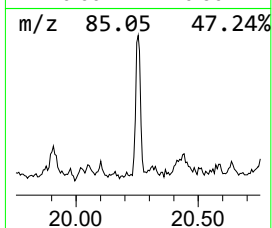
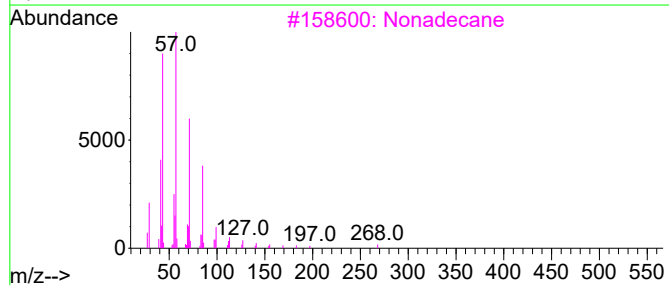
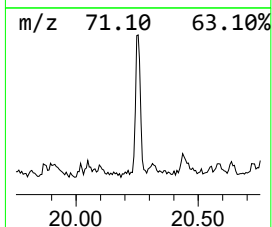
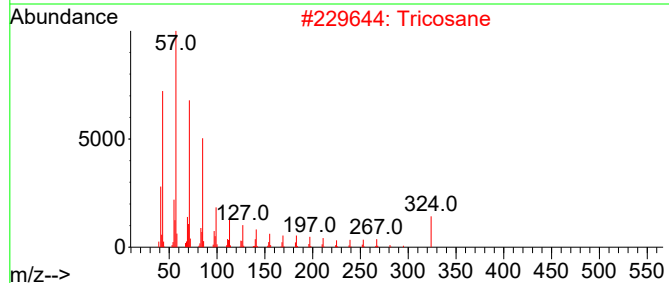
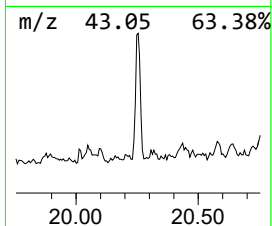
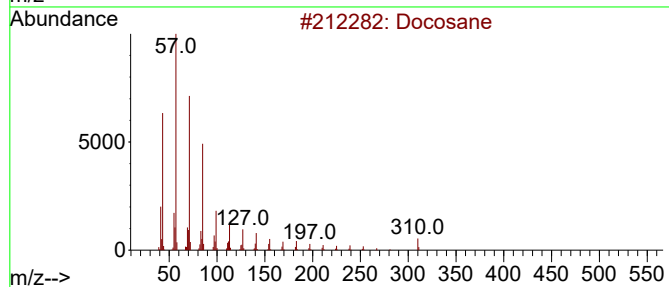
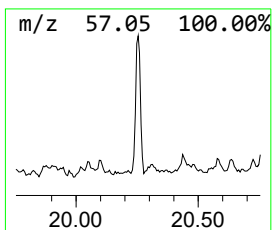
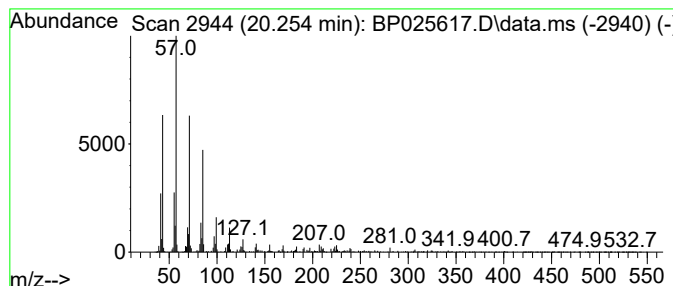
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Docosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.254	3.37 ng	440636	Chrysene-d12	21.630

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Docosane	310	C22H46	000629-97-0	97
2		Tricosane	324	C23H48	000638-67-5	95
3		Nonadecane	268	C19H40	000629-92-5	94
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
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Sample : Q2969-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

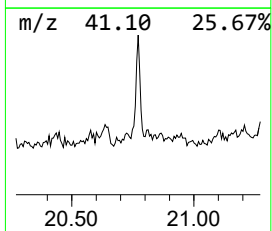
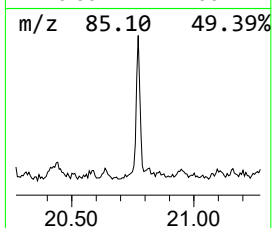
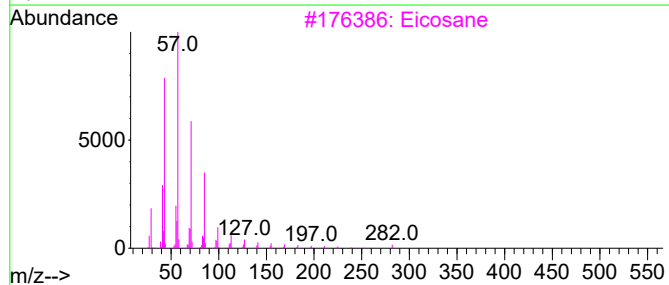
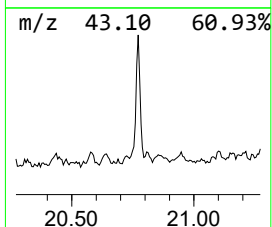
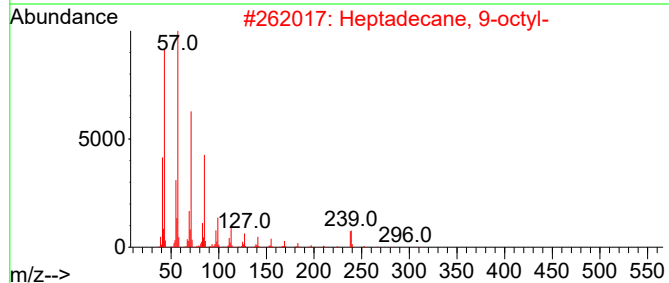
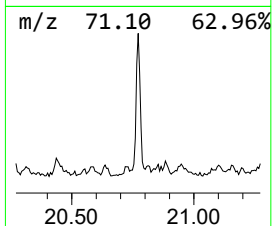
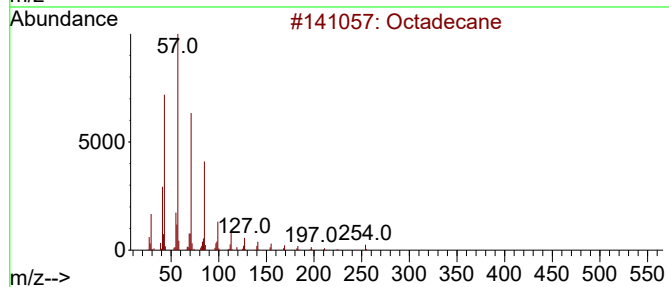
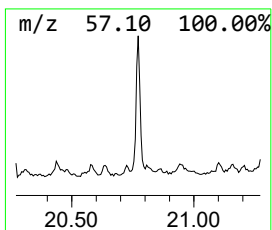
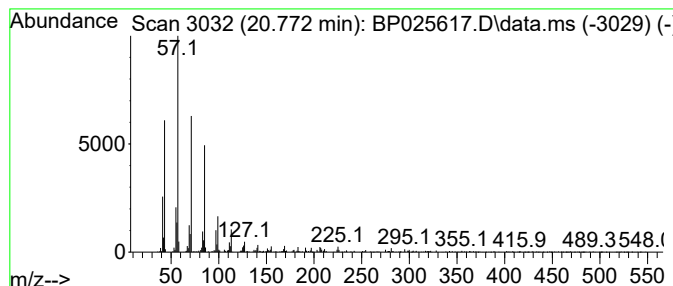
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 9-octyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.772	2.89 ng	378314	Chrysene-d12		21.630	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	93
2	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	92
3	Eicosane		282	C20H42	000112-95-8	90
4	Hexacosane		366	C26H54	000630-01-3	90
5	Heneicosane		296	C21H44	000629-94-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025617.D
Acq On : 28 Aug 2025 18:42
Operator : CG/JU
Sample : Q2969-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-08272025

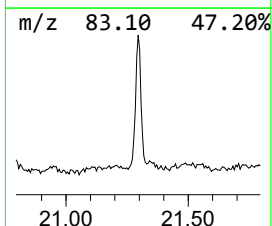
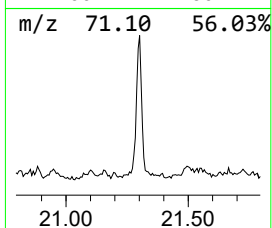
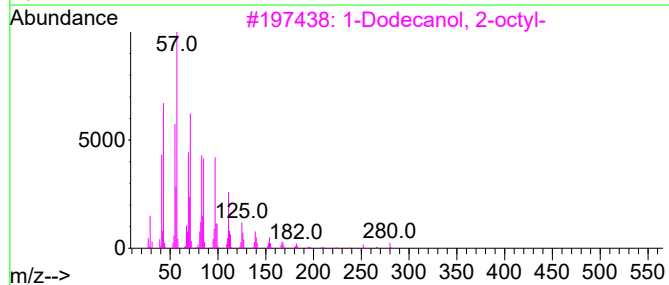
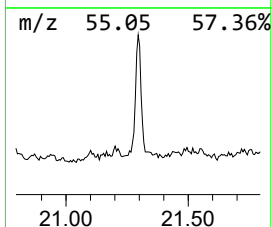
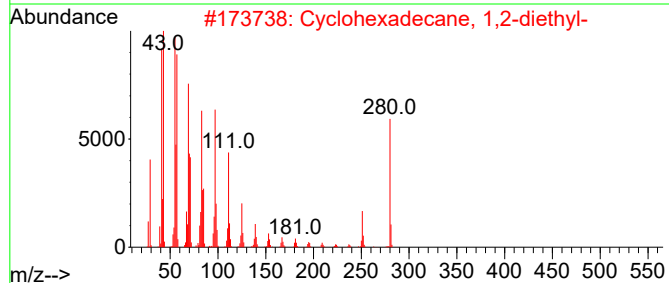
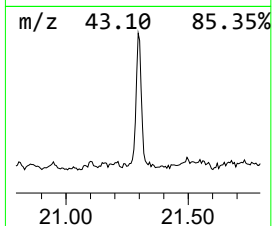
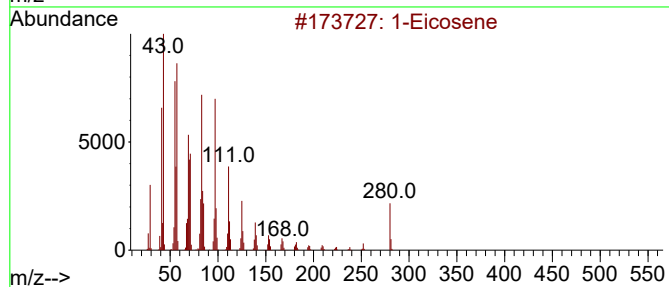
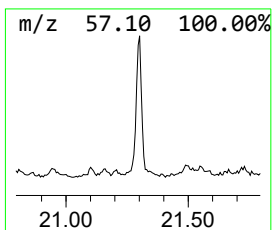
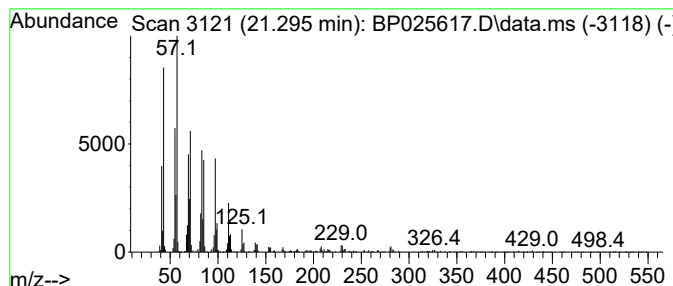
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Eicosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.295	7.08 ng	926789	Chrysene-d12	21.630

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene		280	C20H40	003452-07-1	96
2	Cyclohexadecane, 1,2-diethyl-		280	C20H40	1000155-85-3	92
3	1-Dodecanol, 2-octyl-		298	C20H42O	005333-42-6	91
4	Oxalic acid, isobutyl hexadecyl ...		370	C22H42O4	1000309-38-1	91
5	5-Eicosene, (E)-		280	C20H40	074685-30-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025617.D
Acq On : 28 Aug 2025 18:42
Operator : CG/JU
Sample : Q2969-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-08272025

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...	3.031	14.5	ng	919983	1	7.772	1265260	20.0
2-Pentanone, 4-...	4.937	5.4	ng	340760	1	7.772	1265260	20.0
Hexadecane	14.290	4.6	ng	529398	3	14.390	2313910	20.0
Tetradecane	15.248	6.1	ng	707903	3	14.390	2313910	20.0
Pentadecane, 2,...	15.660	3.0	ng	346055	3	14.390	2313910	20.0
Benzophenone	15.760	5.7	ng	655313	3	14.390	2313910	20.0
Heptadecane	16.131	7.7	ng	938693	4	17.183	2441280	20.0
Pentadecane, 2,...	16.160	4.1	ng	498934	4	17.183	2441280	20.0
Dodecane, 2-met...	16.942	6.1	ng	747018	4	17.183	2441280	20.0
Tridecane	17.001	4.0	ng	482808	4	17.183	2441280	20.0
Heptacosane	17.713	5.9	ng	720567	4	17.183	2441280	20.0
n-Hexadecanoic ...	18.125	18.1	ng	2206470	4	17.183	2441280	20.0
Octadecane	18.430	5.8	ng	703888	4	17.183	2441280	20.0
Heneicosane	19.089	5.2	ng	628421	4	17.183	2441280	20.0
Octadecanoic acid	19.448	9.4	ng	1229370	5	21.630	2616410	20.0
Tridecane, 1-iodo-	19.689	4.6	ng	597786	5	21.630	2616410	20.0
Docosane	20.254	3.4	ng	440636	5	21.630	2616410	20.0
Heptadecane, 9-...	20.772	2.9	ng	378314	5	21.630	2616410	20.0
1-Eicosene	21.295	7.1	ng	926789	5	21.630	2616410	20.0