

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
 Data File : BP025612.D
 Acq On : 28 Aug 2025 15:16
 Operator : CG/JU
 Sample : Q2969-01 2X
 Misc :
 ALS Vial : 4 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: BP025612.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.025	11	15	21	rBV	335188	448088	14.11%	1.577%
2	4.931	333	339	349	rBV	100004	156657	4.93%	0.551%
3	5.396	411	418	429	rBV	816549	1274653	40.14%	4.486%
4	6.961	673	684	705	rBV	716856	1321199	41.61%	4.649%
5	7.766	814	821	831	rBV	659916	1049329	33.05%	3.693%
6	8.913	1008	1016	1026	rBV	468687	854006	26.90%	3.005%
7	10.543	1283	1293	1307	rBV	773303	1442608	45.43%	5.077%
8	12.996	1703	1710	1722	rBV	1313402	2046871	64.46%	7.203%
9	13.207	1742	1746	1752	rVB2	60134	91143	2.87%	0.321%
10	13.319	1759	1765	1771	rBV4	18347	39124	1.23%	0.138%
11	13.866	1855	1858	1862	rVV	34378	40652	1.28%	0.143%
12	14.290	1925	1930	1935	rBV	183298	234035	7.37%	0.824%
13	14.384	1938	1946	1955	rVV	1235595	1888271	59.47%	6.645%
14	14.795	2013	2016	2023	rVB5	26705	42678	1.34%	0.150%
15	14.919	2033	2037	2046	rVB6	41265	78514	2.47%	0.276%
16	15.260	2090	2095	2099	rVB	218873	297128	9.36%	1.046%
17	15.672	2158	2165	2169	rBV	110351	173588	5.47%	0.611%
18	15.766	2175	2181	2187	rVB	168314	274433	8.64%	0.966%
19	15.825	2187	2191	2196	rBV6	24907	42549	1.34%	0.150%
20	15.901	2197	2204	2214	rBV	990519	1555051	48.97%	5.472%
21	16.131	2239	2243	2247	rBV	265133	441227	13.90%	1.553%
22	16.954	2378	2383	2387	rBV	303016	368474	11.60%	1.297%
23	17.001	2388	2391	2402	rVB	126214	203659	6.41%	0.717%
24	17.184	2416	2422	2429	rBV2	1317660	2170158	68.35%	7.637%
25	17.707	2507	2511	2517	rVB	305269	338990	10.68%	1.193%
26	18.119	2577	2581	2590	rBV	454599	718197	22.62%	2.527%
27	18.431	2629	2634	2643	rBV	267680	341758	10.76%	1.203%
28	19.095	2742	2747	2752	rBV	219398	307219	9.68%	1.081%
29	19.319	2780	2785	2790	rBV2	96323	170701	5.38%	0.601%
30	19.454	2804	2808	2815	rBV4	132602	236881	7.46%	0.834%
31	19.689	2844	2848	2852	rBV	250571	318698	10.04%	1.122%
32	19.901	2880	2884	2890	rBV	2734077	3175211	100.00%	11.174%
33	20.248	2940	2943	2947	rVB	173593	179455	5.65%	0.632%
34	20.766	3028	3031	3035	rVB	149747	166252	5.24%	0.585%
35	21.301	3118	3122	3130	rVB	270388	407678	12.84%	1.435%
36	21.630	3172	3178	3186	rBV2	1510264	2669183	84.06%	9.393%

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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 25.001 3744 3751 3761 rVB 1061996 2851769 89.81% 10.036%

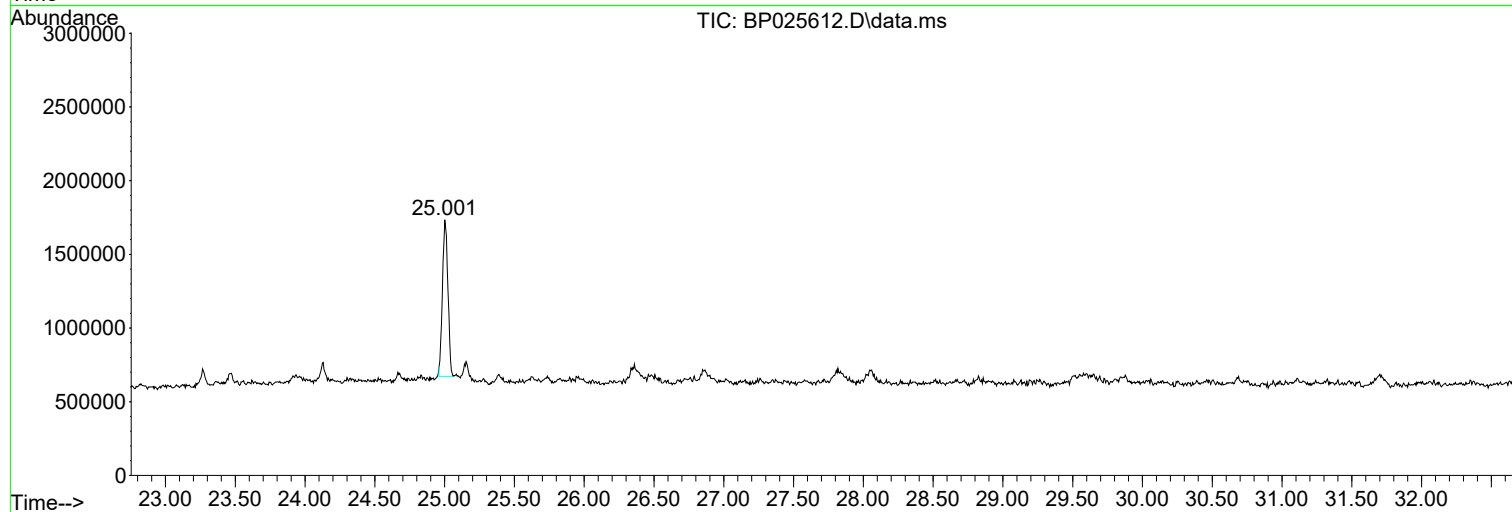
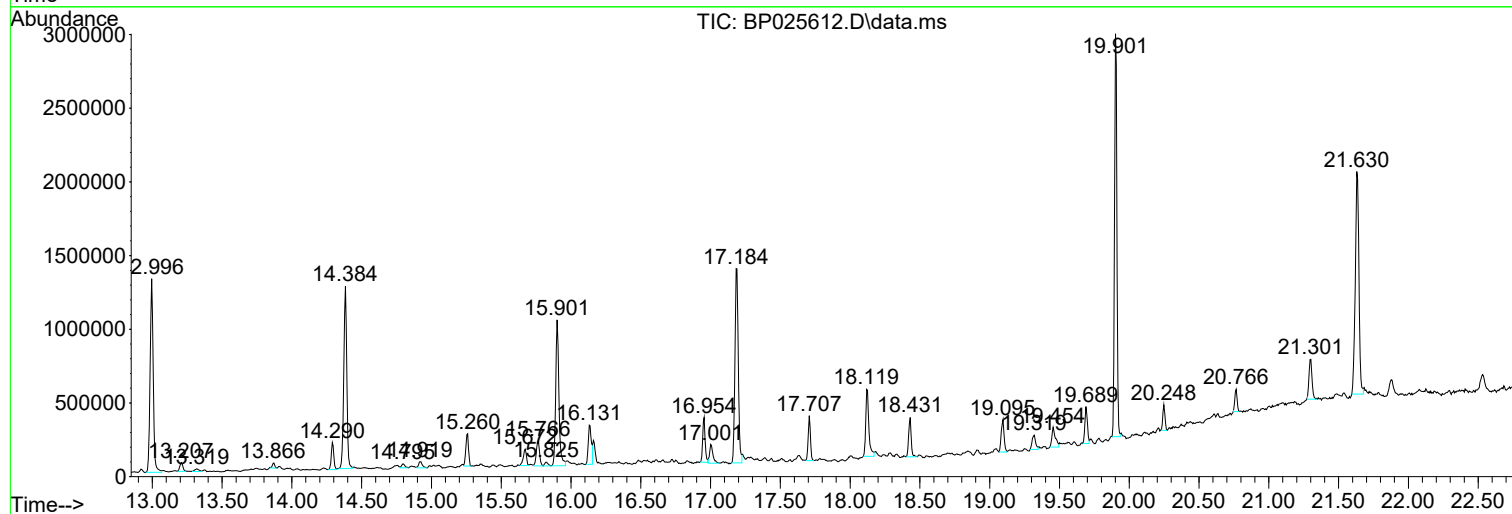
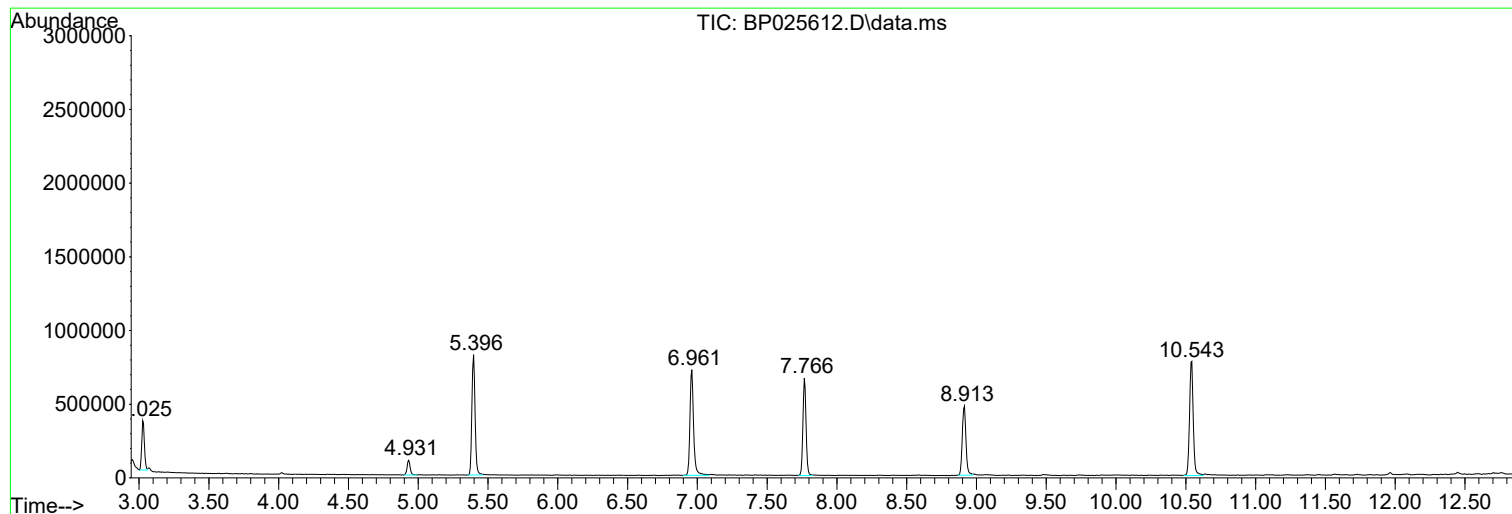
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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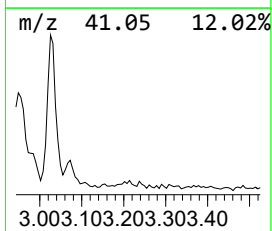
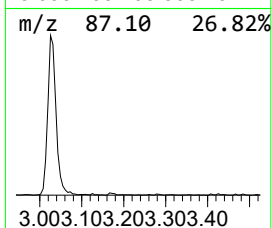
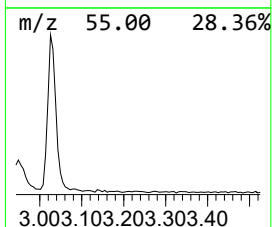
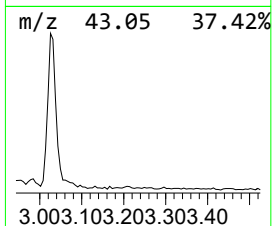
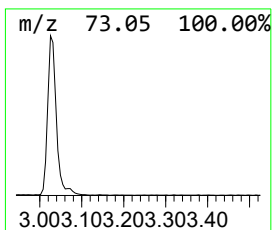
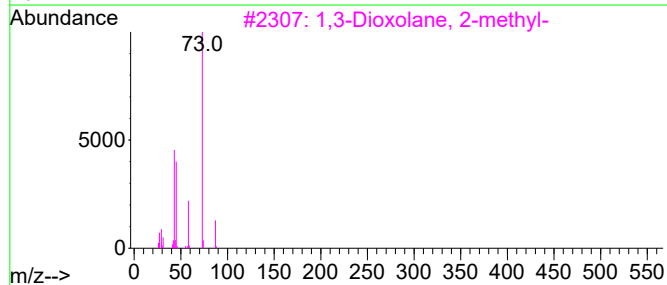
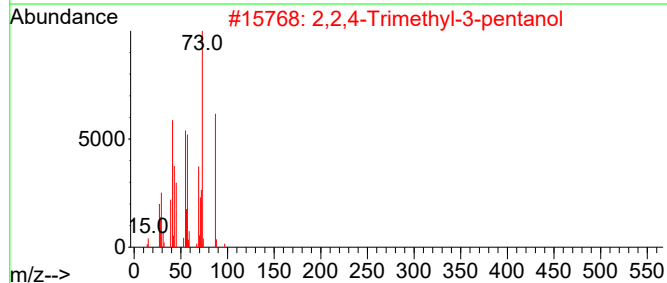
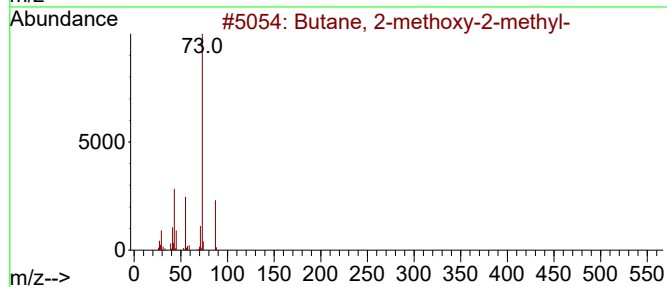
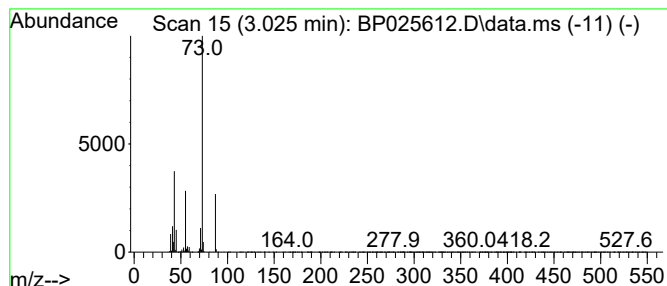
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.025	8.54 ng	448088	1,4-Dichlorobenzene-d4	7.766

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			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10



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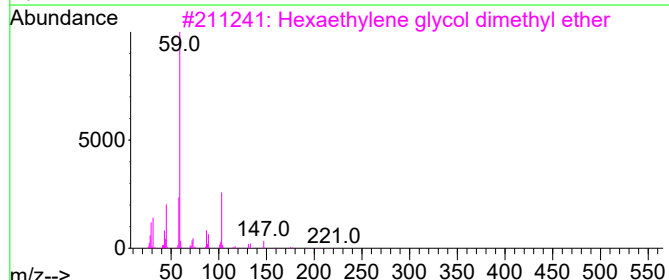
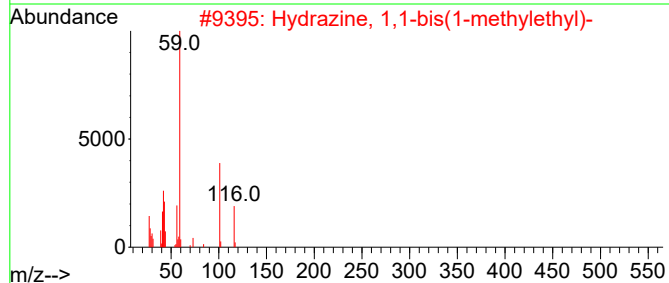
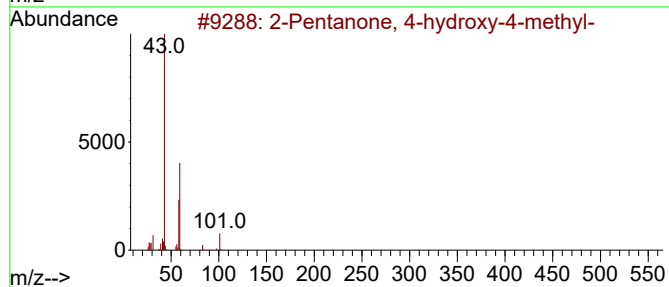
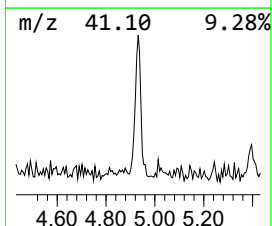
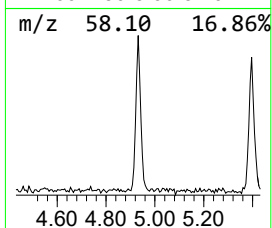
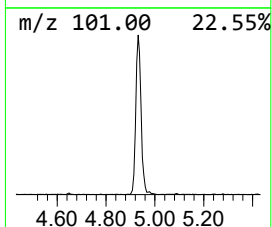
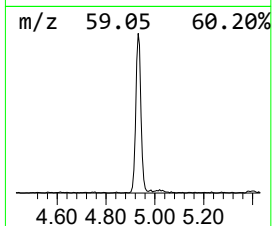
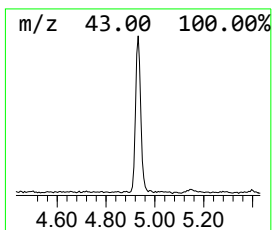
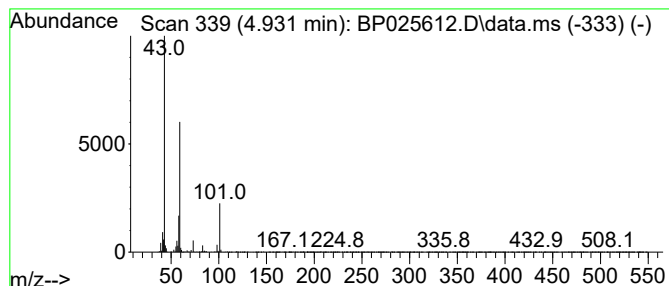
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.931	2.99 ng	156657	1,4-Dichlorobenzene-d4	7.766

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	40
3			Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	25
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23



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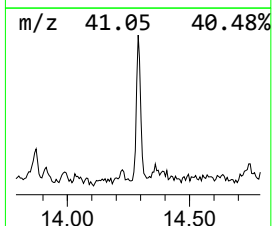
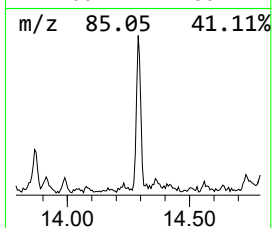
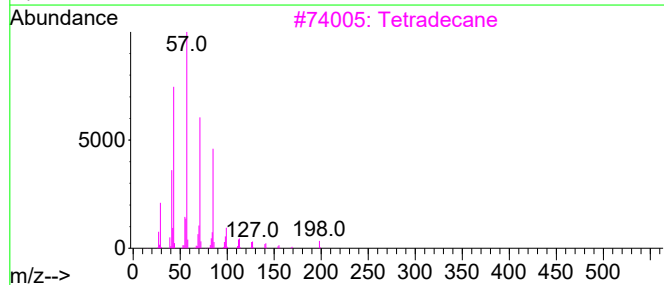
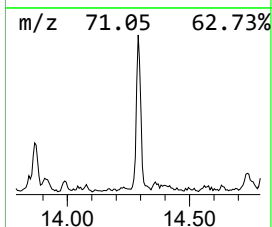
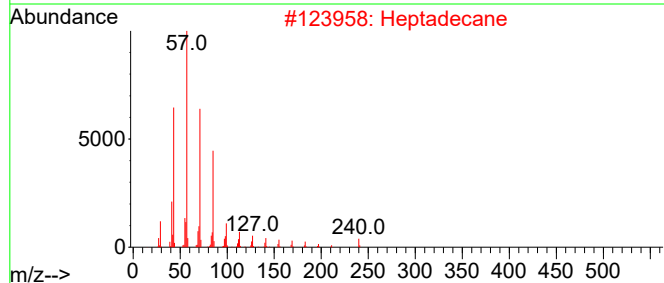
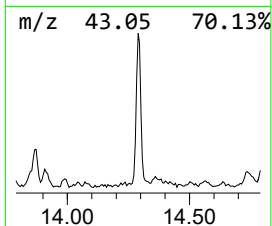
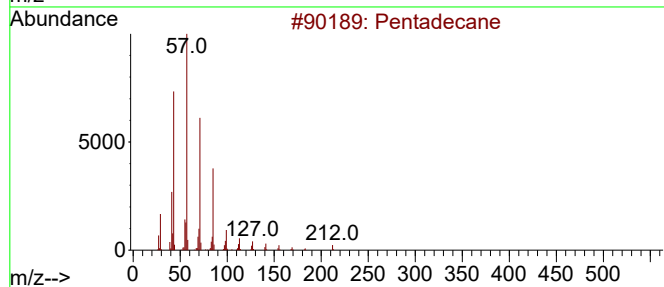
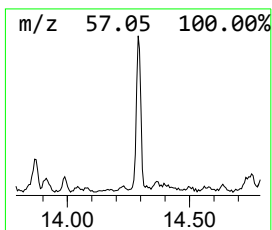
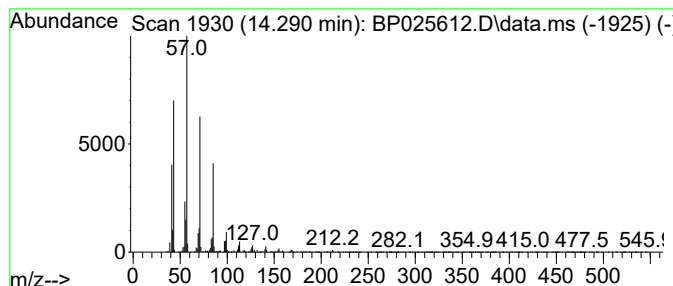
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.290	2.48 ng	234035	Acenaphthene-d10	14.384

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Heptadecane	240	C17H36	000629-78-7	91
3			Tetradecane	198	C14H30	000629-59-4	91
4			Tridecane	184	C13H28	000629-50-5	90
5			Nonadecane	268	C19H40	000629-92-5	87



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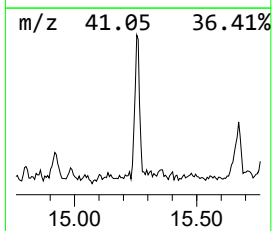
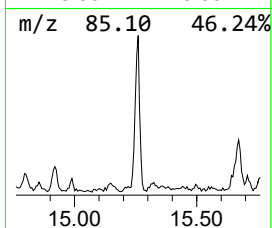
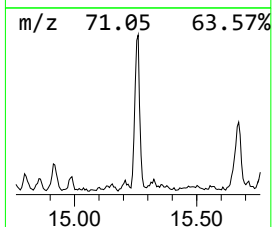
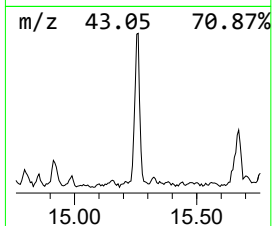
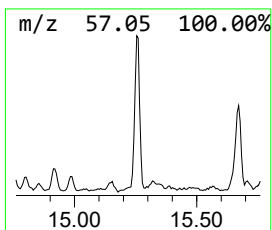
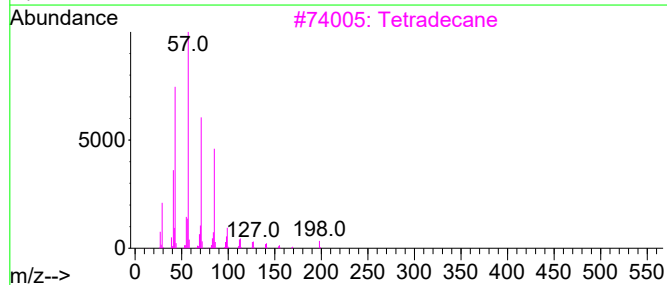
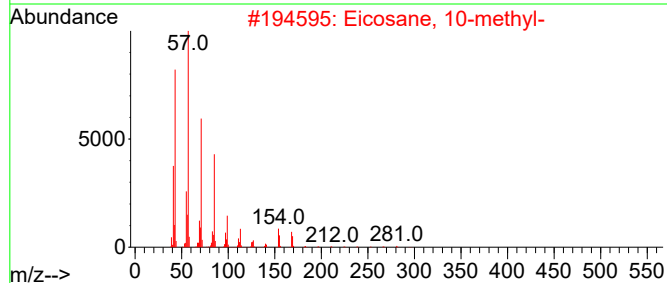
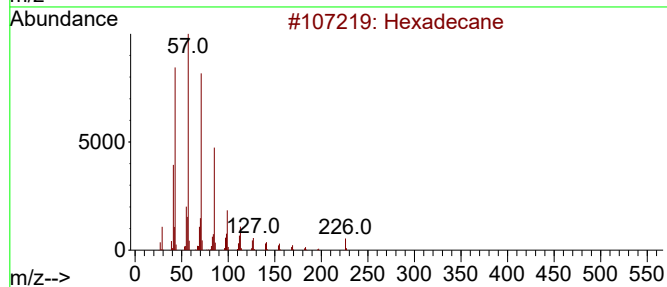
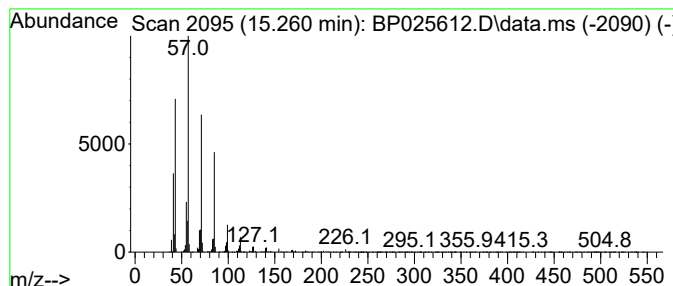
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.260	3.15 ng	297128	Acenaphthene-d10	14.384

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3			Tetradecane	198	C14H30	000629-59-4	87
4			Pentadecane	212	C15H32	000629-62-9	86
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80



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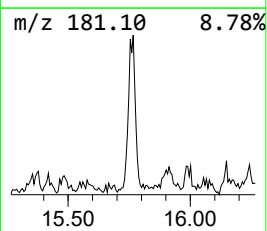
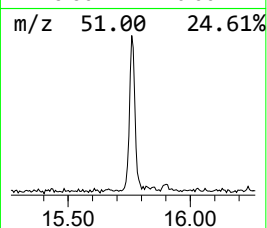
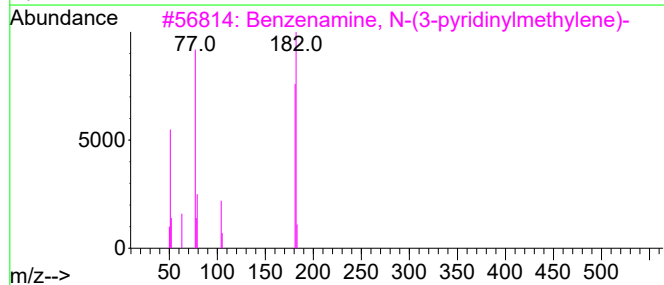
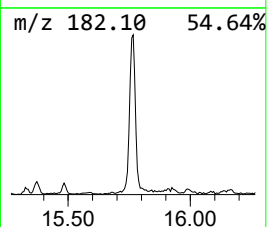
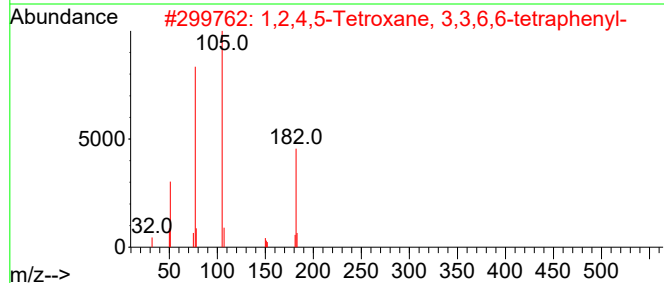
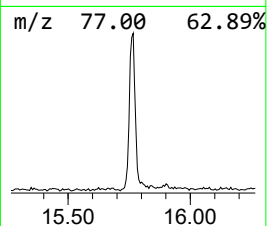
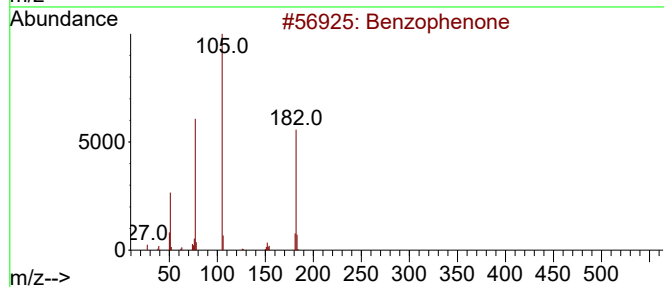
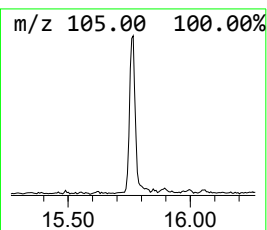
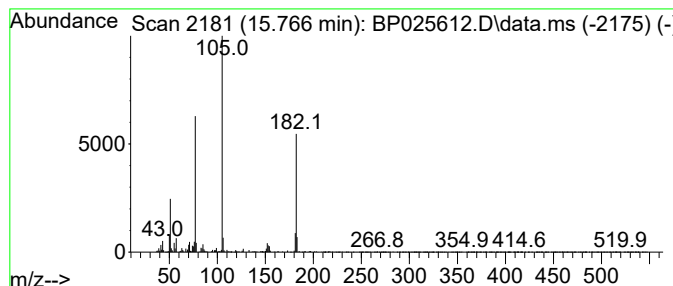
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.766	2.91 ng	274433	Acenaphthene-d10	14.384

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	42
4			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	40
5			Azobenzene	182	C12H10N2	000103-33-3	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
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Acq On : 28 Aug 2025 15:16
Operator : CG/JU
Sample : Q2969-01 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-08272025

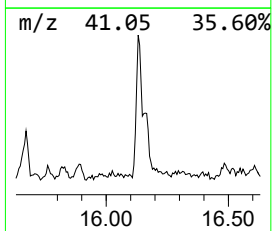
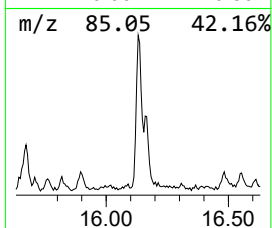
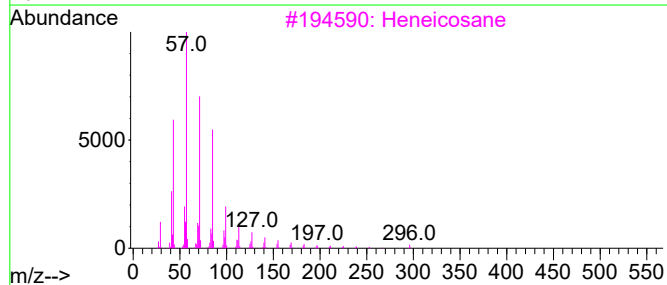
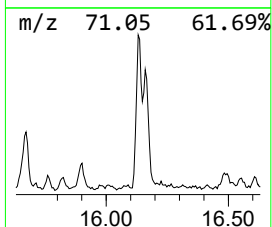
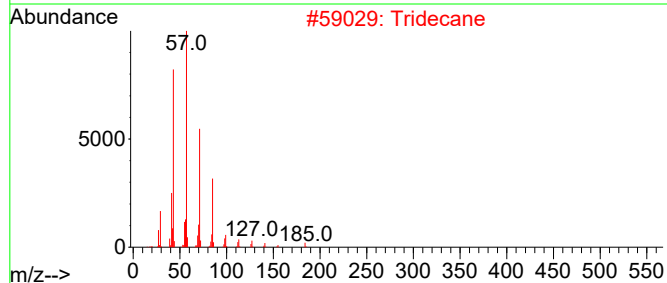
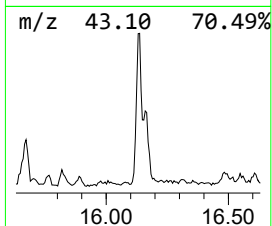
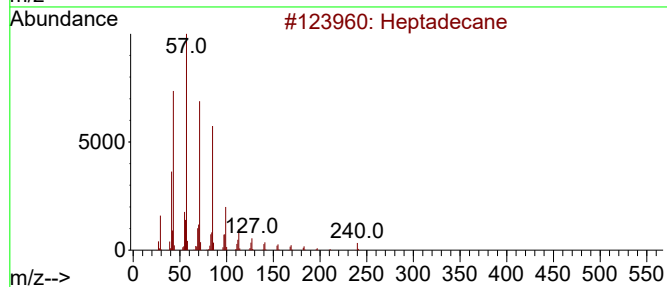
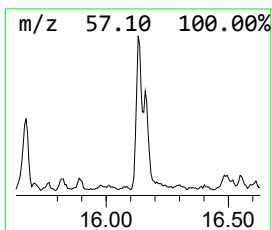
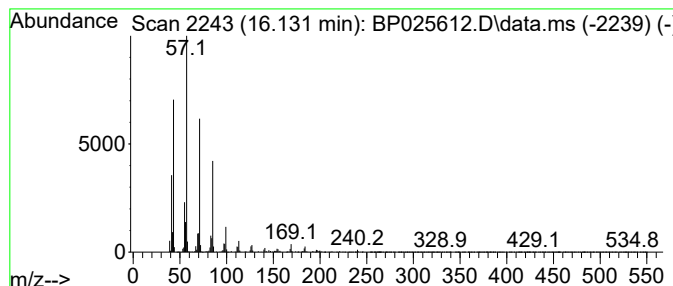
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.131	4.07 ng	441227	Phenanthrene-d10	17.184

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	95
2			Tridecane	184	C13H28	000629-50-5	92
3			Heneicosane	296	C21H44	000629-94-7	91
4			Nonadecane	268	C19H40	000629-92-5	90
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025612.D
Acq On : 28 Aug 2025 15:16
Operator : CG/JU
Sample : Q2969-01 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-08272025

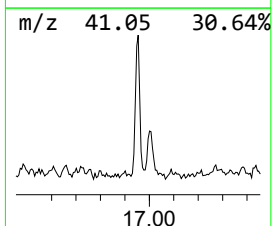
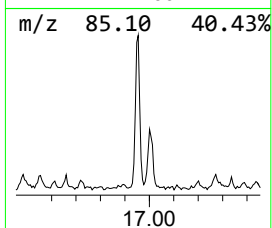
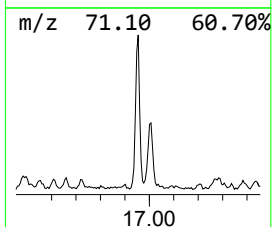
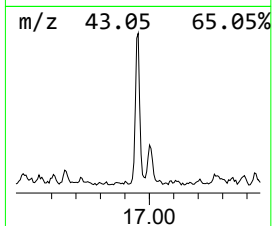
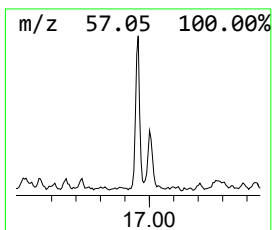
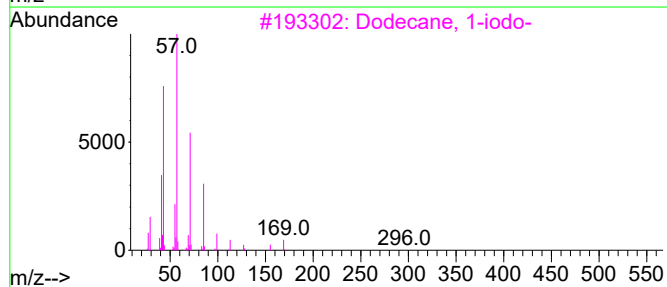
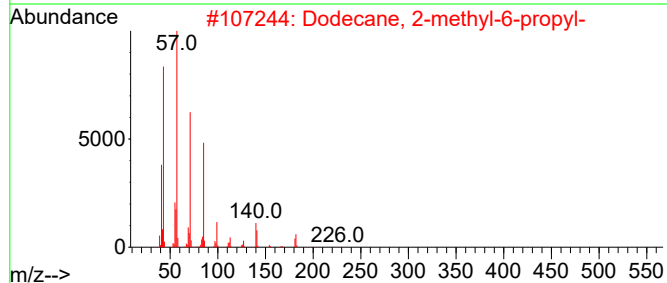
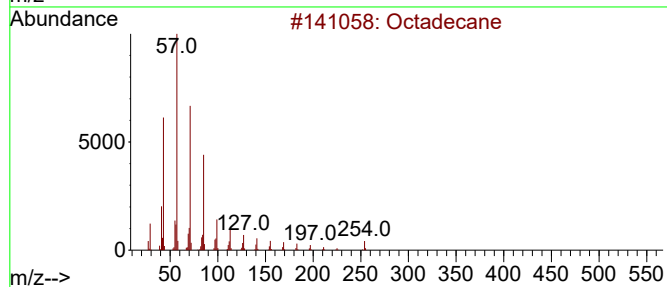
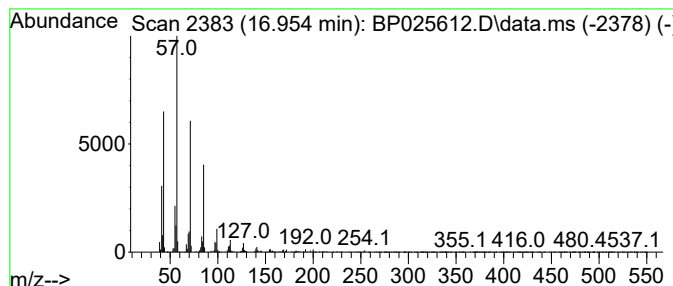
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.954	3.40 ng	368474	Phenanthrene-d10	17.184

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	94
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025612.D
Acq On : 28 Aug 2025 15:16
Operator : CG/JU
Sample : Q2969-01 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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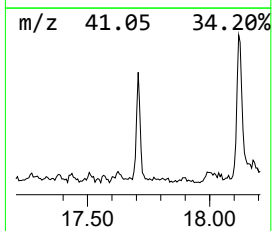
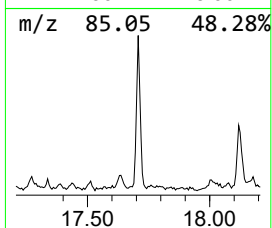
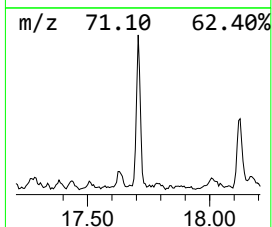
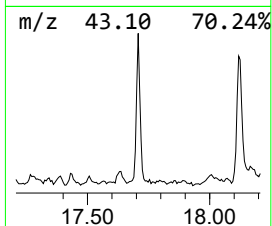
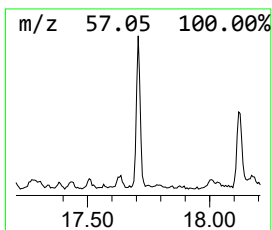
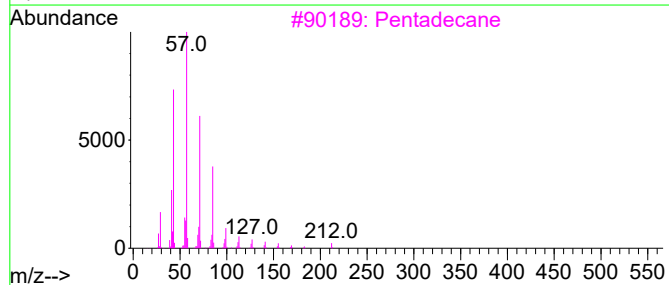
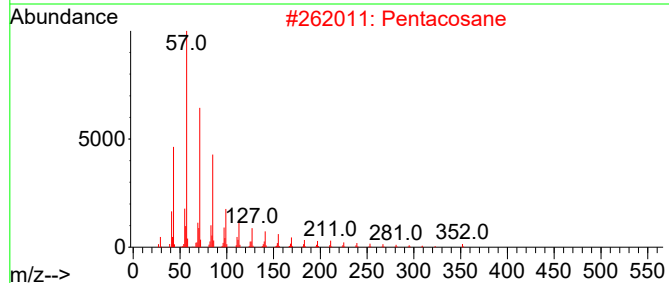
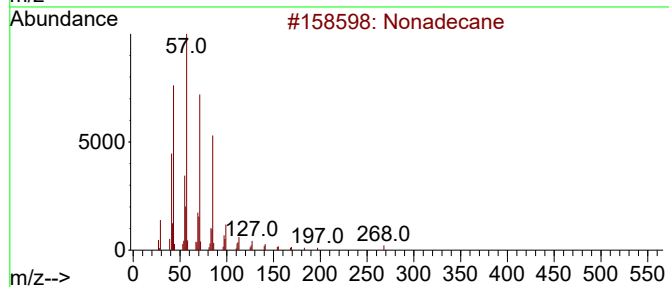
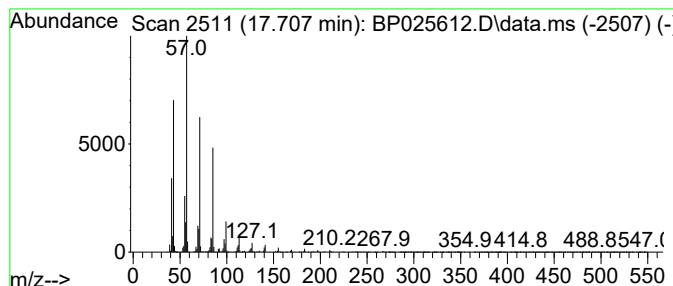
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.707	3.12 ng	338990	Phenanthrene-d10	17.184

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	96
2			Pentacosane	352	C25H52	000629-99-2	94
3			Pentadecane	212	C15H32	000629-62-9	91
4			Tetradecane	198	C14H30	000629-59-4	91
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025612.D
Acq On : 28 Aug 2025 15:16
Operator : CG/JU
Sample : Q2969-01 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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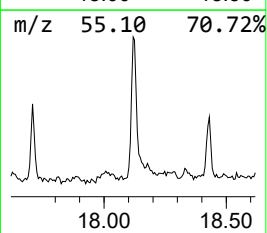
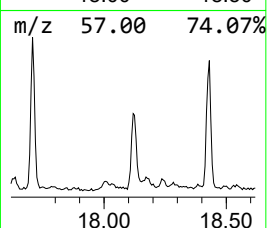
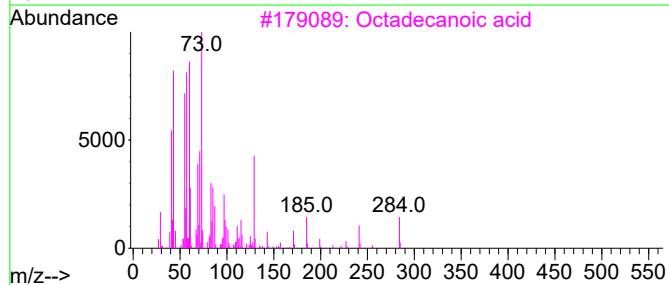
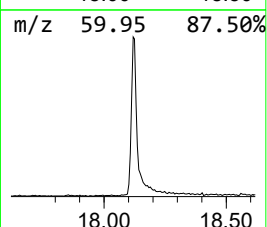
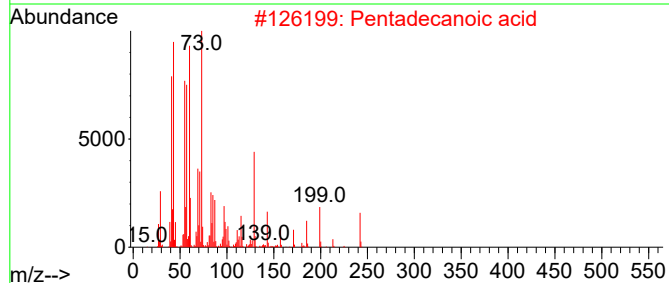
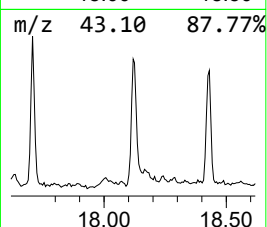
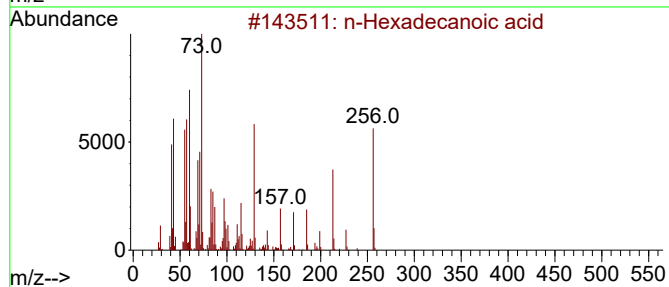
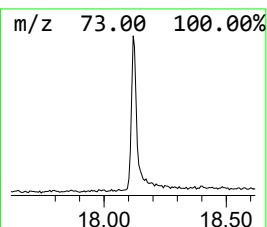
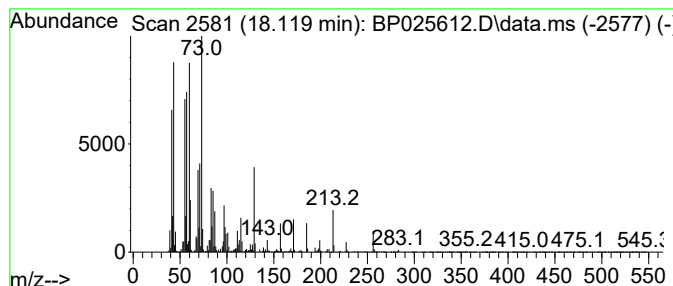
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.119	6.62 ng	718197	Phenanthrene-d10	17.184

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5			Tridecanoic acid	214	C13H26O2	000638-53-9	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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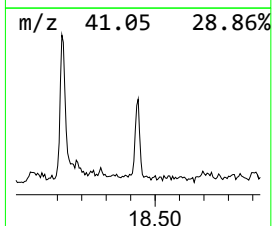
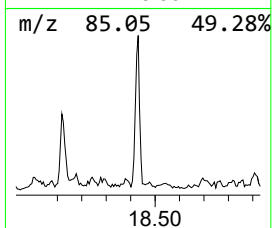
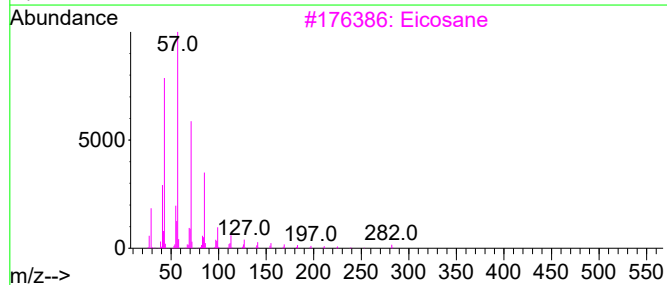
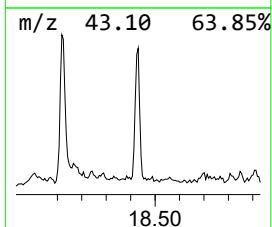
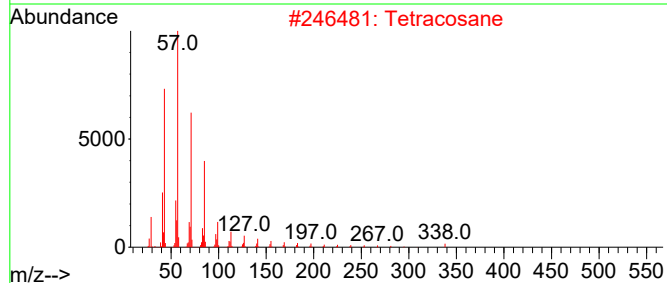
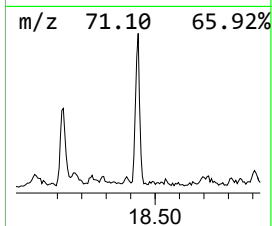
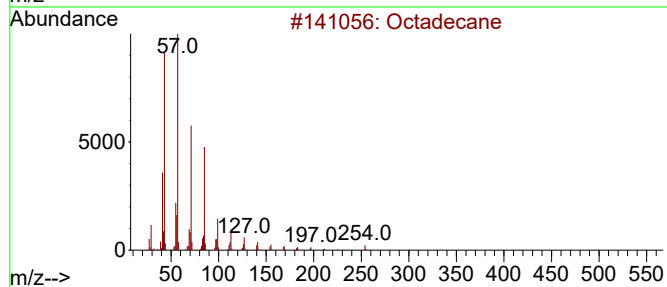
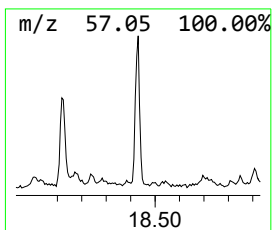
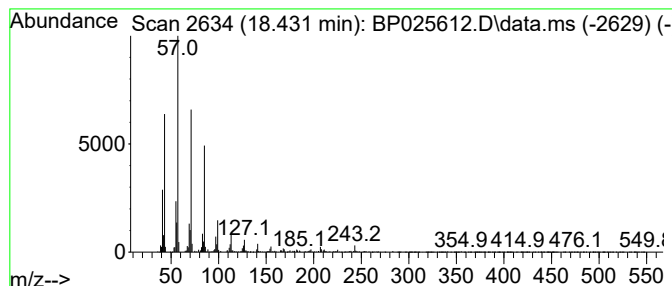
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.430	3.15 ng	341758	Phenanthrene-d10	17.184

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Eicosane	282	C20H42	000112-95-8	86
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86



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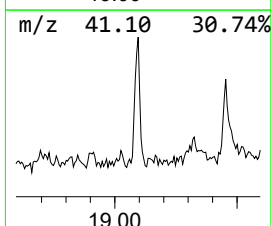
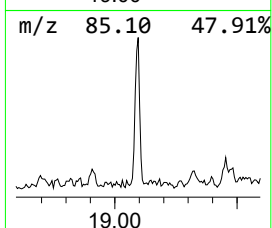
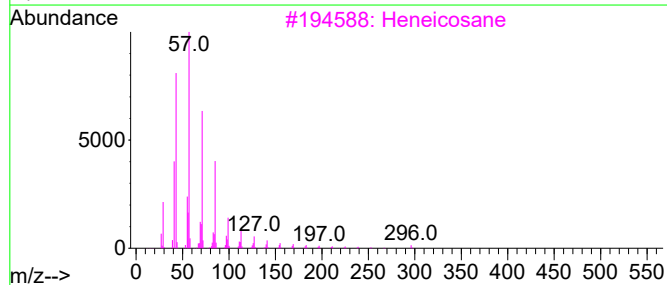
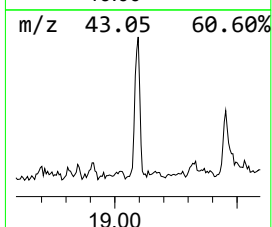
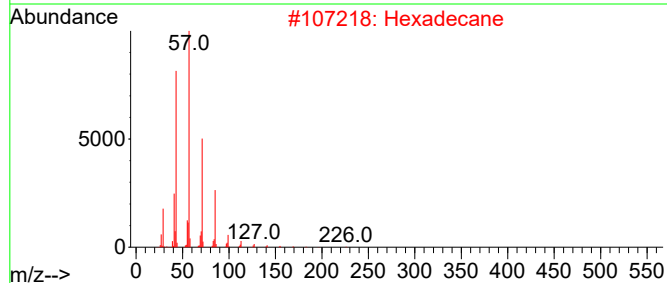
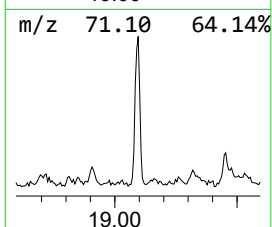
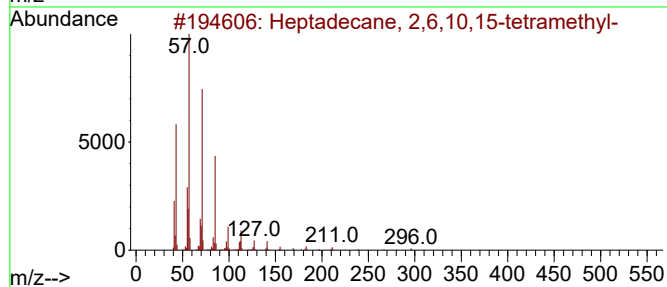
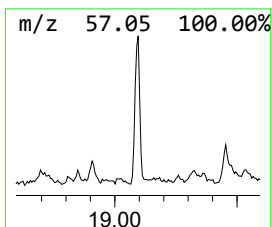
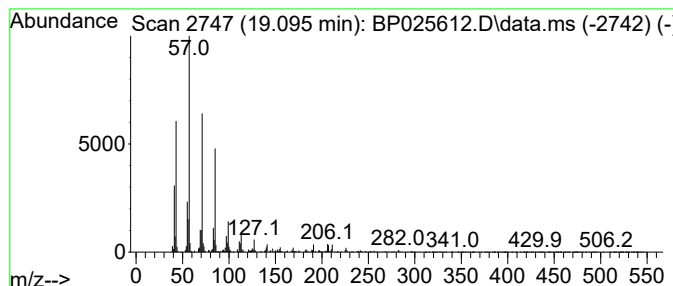
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.095	2.83 ng	307219	Phenanthrene-d10		17.184	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	96
2	Hexadecane		226	C16H34	000544-76-3	95
3	Heneicosane		296	C21H44	000629-94-7	89
4	Nonadecane		268	C19H40	000629-92-5	87
5	Heptadecane		240	C17H36	000629-78-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025612.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

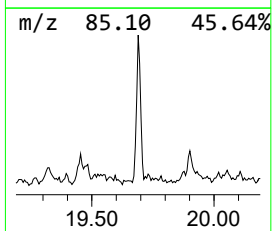
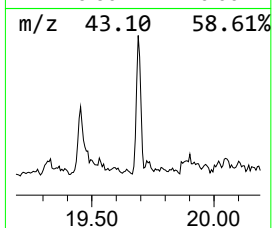
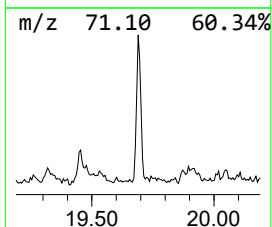
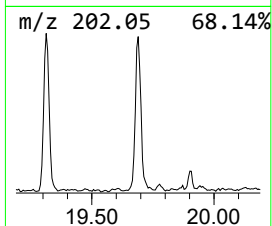
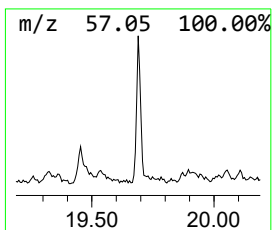
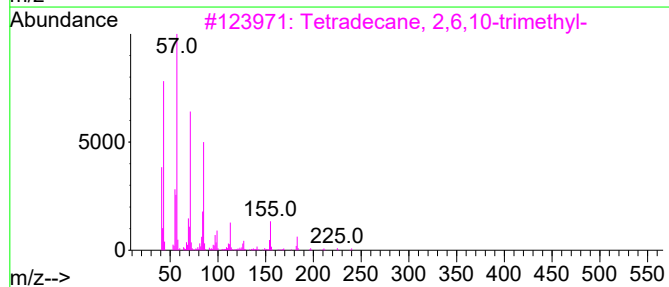
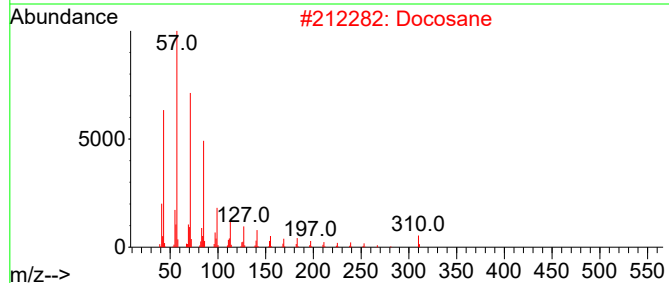
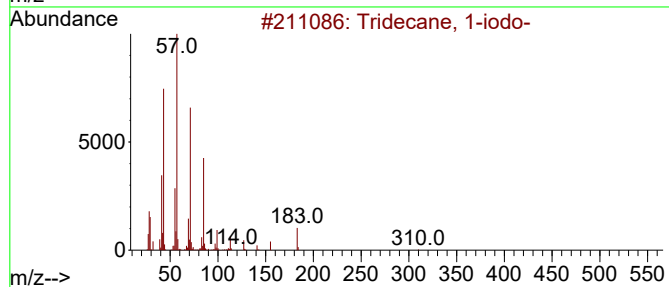
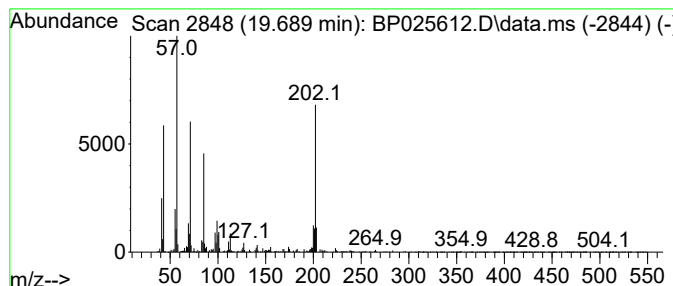
Instrument :
BNA_P
ClientSampleId :
TR-05-08272025

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 12 Tridecane, 1-iodo- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.689	2.39 ng	318698	Chrysene-d12		21.630	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	70
2	Docosane		310	C22H46	000629-97-0	70
3	Tetradecane, 2,6,10-trimethyl-		240	C17H36	014905-56-7	50
4	Tetradecane, 1-iodo-		324	C14H29I	019218-94-1	49
5	Tetracosane		338	C24H50	000646-31-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025612.D
Acq On : 28 Aug 2025 15:16
Operator : CG/JU
Sample : Q2969-01 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-08272025

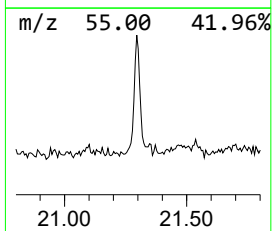
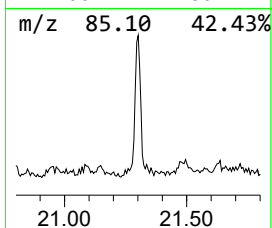
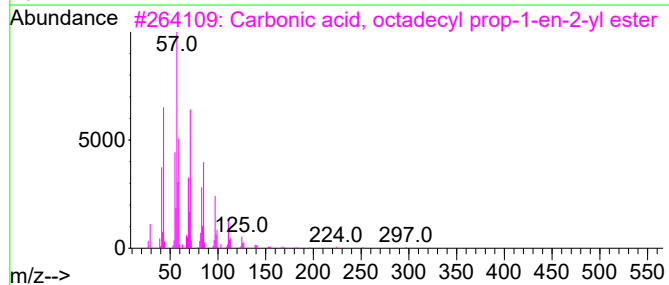
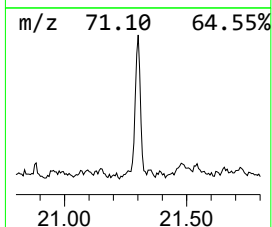
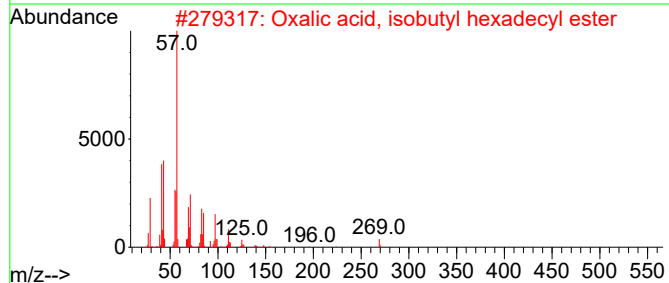
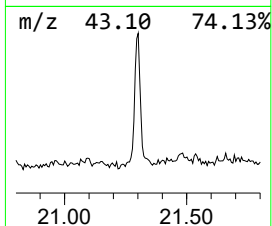
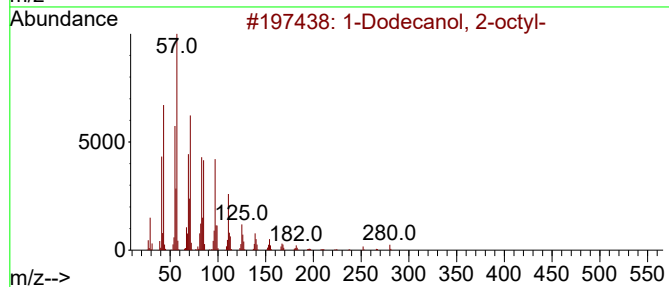
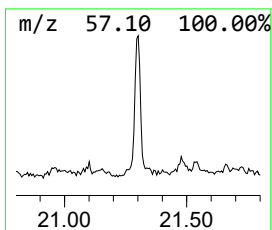
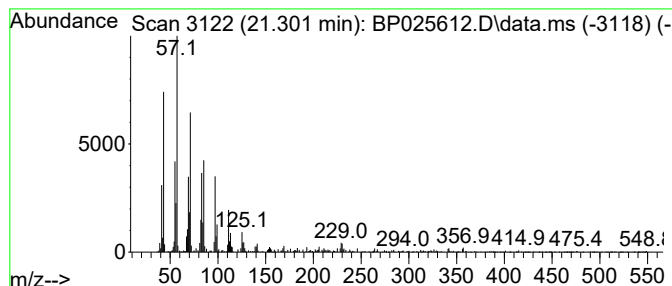
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Dodecanol, 2-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.301	3.05 ng	407678	Chrysene-d12	21.630

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
2			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	90
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
5			Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082825\
Data File : BP025612.D
Acq On : 28 Aug 2025 15:16
Operator : CG/JU
Sample : Q2969-01 2X
Misc :
ALS Vial : 4 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...	3.025	8.5	ng	448088	1	7.766	1049330	20.0
2-Pentanone, 4-...	4.931	3.0	ng	156657	1	7.766	1049330	20.0
Pentadecane	14.290	2.5	ng	234035	3	14.384	1888270	20.0
Hexadecane	15.260	3.1	ng	297128	3	14.384	1888270	20.0
Benzophenone	15.766	2.9	ng	274433	3	14.384	1888270	20.0
Heptadecane	16.131	4.1	ng	441227	4	17.184	2170160	20.0
Octadecane	16.954	3.4	ng	368474	4	17.184	2170160	20.0
Nonadecane	17.707	3.1	ng	338990	4	17.184	2170160	20.0
n-Hexadecanoic ...	18.119	6.6	ng	718197	4	17.184	2170160	20.0
Tetracosane	18.430	3.1	ng	341758	4	17.184	2170160	20.0
Heptadecane, 2,...	19.095	2.8	ng	307219	4	17.184	2170160	20.0
Tridecane, 1-iodo-	19.689	2.4	ng	318698	5	21.630	2669180	20.0
1-Dodecanol, 2-...	21.301	3.0	ng	407678	5	21.630	2669180	20.0