

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
 Data File : BP025158.D
 Acq On : 16 Jul 2025 14:49
 Operator : CG/JU
 Sample : Q2586-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-16

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-BP070325.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025158.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.661	287	293	300	rBV	753181	1008729	3.87%	0.556%
2	5.108	361	369	381	rBV	7135976	10170775	39.00%	5.603%
3	6.643	621	630	642	rBV	7064409	11109093	42.60%	6.119%
4	7.443	759	766	774	rBV	2074492	3201655	12.28%	1.764%
5	8.566	950	957	966	rBV	4421944	6910630	26.50%	3.807%
6	10.190	1226	1233	1246	rVB	2831172	4371663	16.76%	2.408%
7	12.695	1652	1659	1667	rBV	10440986	16548506	63.46%	9.116%
8	14.090	1890	1896	1908	rVB	4190923	6033110	23.14%	3.323%
9	14.966	2040	2045	2052	rVB	248249	380938	1.46%	0.210%
10	15.442	2120	2126	2129	rVB	232804	437872	1.68%	0.241%
11	15.501	2129	2136	2148	rVV	1034196	2117741	8.12%	1.167%
12	15.631	2151	2158	2179	rVB	8821046	14941227	57.30%	8.230%
13	15.919	2197	2207	2208	rBV	2225926	3453535	13.24%	1.902%
14	16.007	2212	2222	2230	rVB2	11286878	25482685	97.72%	14.037%
15	16.136	2239	2244	2256	rVB	1680360	3070967	11.78%	1.692%
16	16.266	2261	2266	2267	rBV2	193349	297868	1.14%	0.164%
17	16.925	2372	2378	2382	rBV	5071942	6769979	25.96%	3.729%
18	16.960	2382	2384	2391	rVB	236102	274022	1.05%	0.151%
19	17.648	2497	2501	2505	rBV	249989	320774	1.23%	0.177%
20	17.919	2540	2547	2554	rBV	4832902	7851599	30.11%	4.325%
21	18.613	2660	2665	2669	rBV3	289232	557834	2.14%	0.307%
22	18.813	2695	2699	2705	rVB2	423292	535153	2.05%	0.295%
23	19.066	2738	2742	2746	rBV	918828	1272785	4.88%	0.701%
24	19.130	2749	2753	2756	rBV2	393795	523814	2.01%	0.289%
25	19.254	2769	2774	2788	rVB	2879316	3977446	15.25%	2.191%
26	19.419	2798	2802	2803	rBV2	249416	313651	1.20%	0.173%
27	19.448	2803	2807	2812	rVB	835375	1060975	4.07%	0.584%
28	19.683	2841	2847	2859	rVB	19406833	26077537	100.00%	14.365%
29	20.024	2902	2905	2909	rBV	388099	433672	1.66%	0.239%
30	20.442	2972	2976	2981	rVB	1194931	1320777	5.06%	0.728%
31	21.089	3082	3086	3093	rVB2	1512962	2035846	7.81%	1.121%
32	21.354	3125	3131	3136	rBV	5088943	7762147	29.77%	4.276%
33	23.501	3491	3496	3504	rBV2	871683	2104300	8.07%	1.159%
34	24.489	3656	3664	3682	rVB	3123192	8810356	33.79%	4.853%

Sum of corrected areas: 181539661

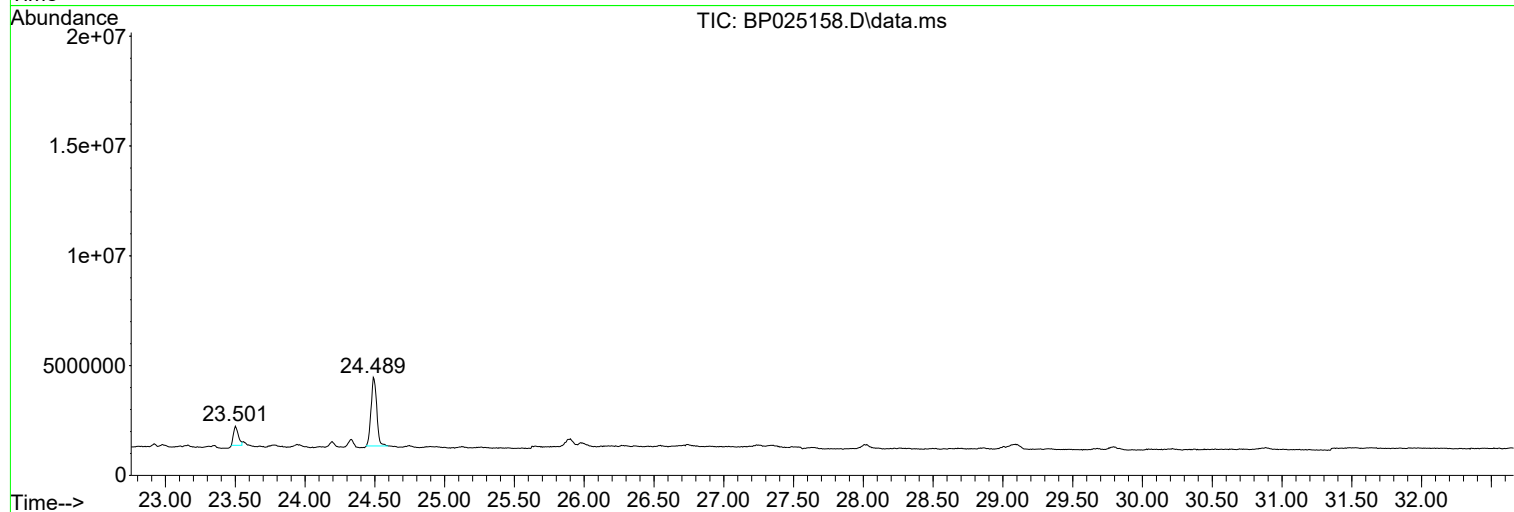
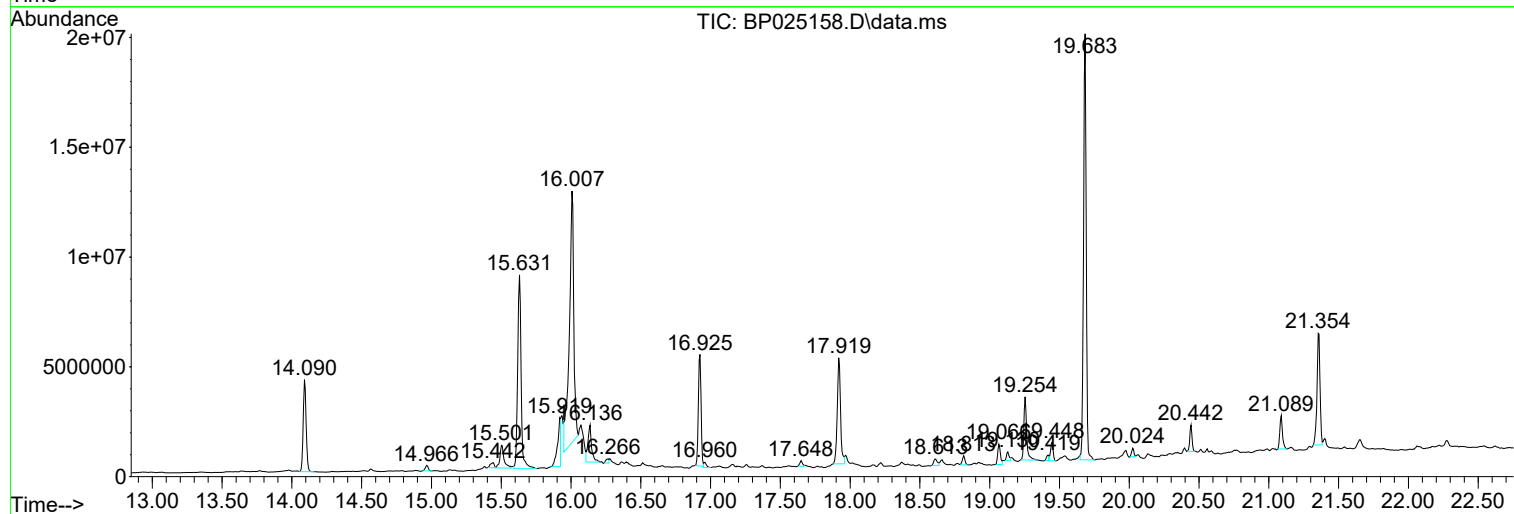
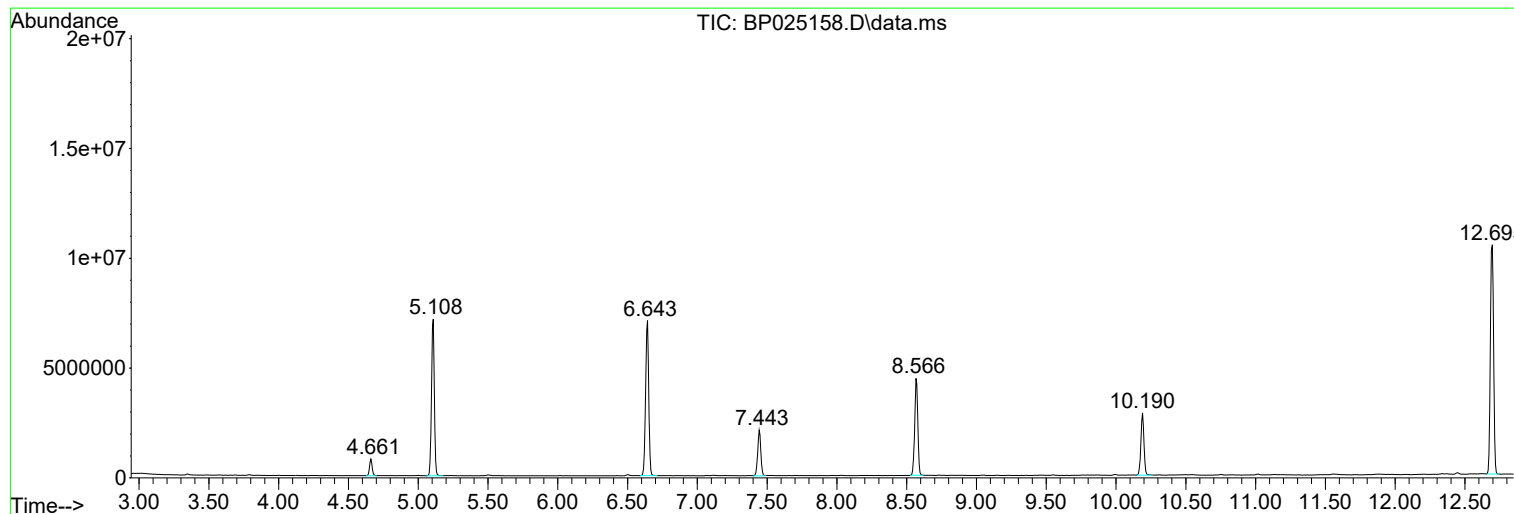
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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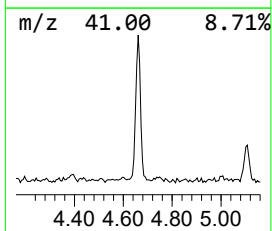
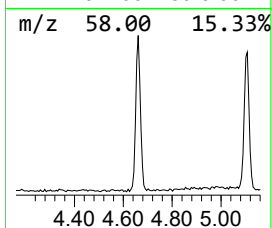
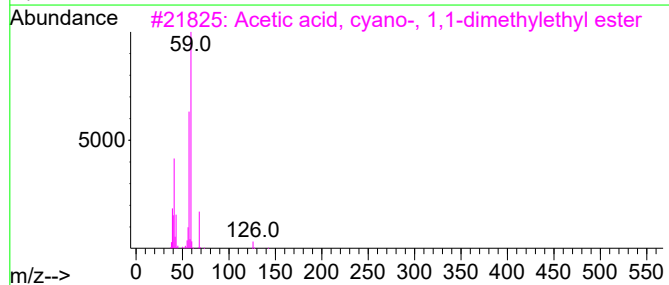
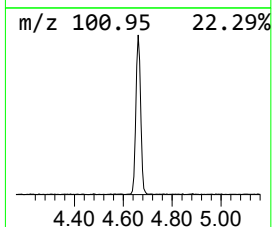
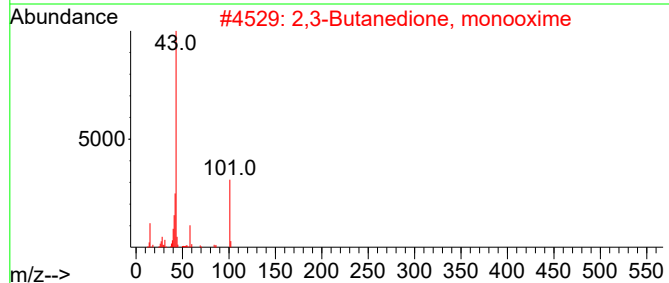
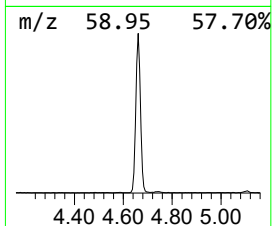
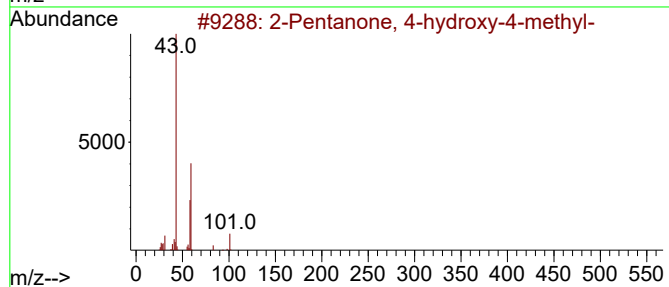
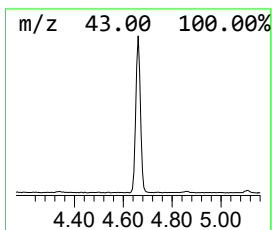
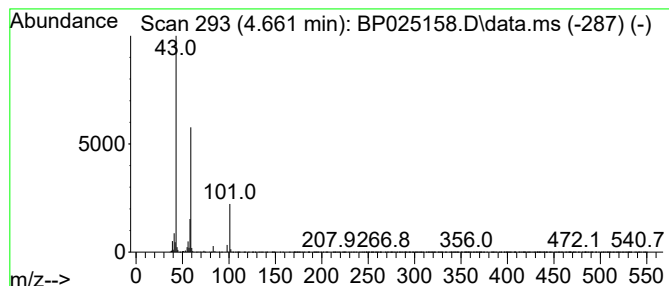
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.661	6.30 ng	1008730	1,4-Dichlorobenzene-d4	7.443	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9



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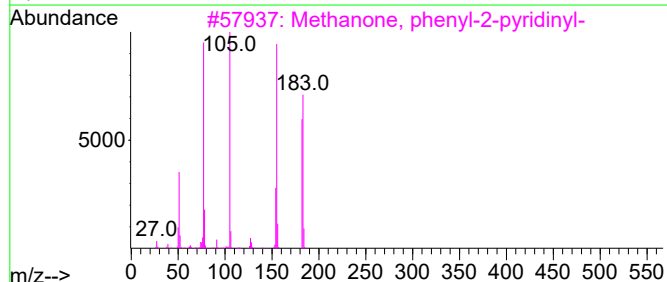
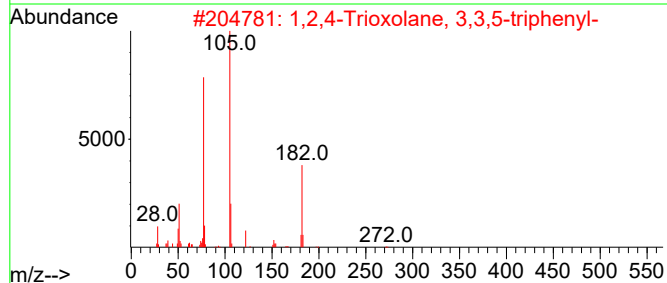
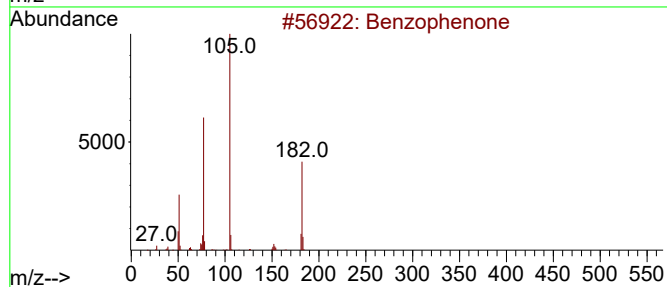
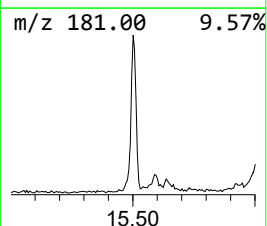
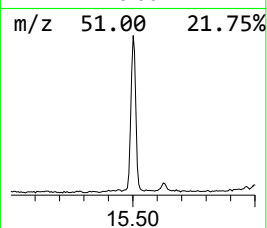
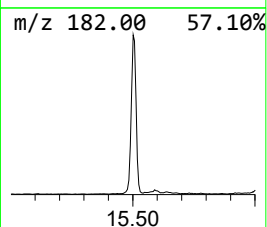
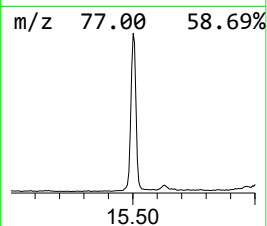
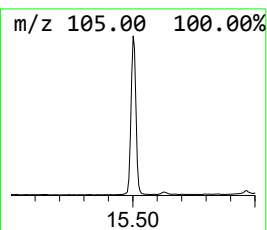
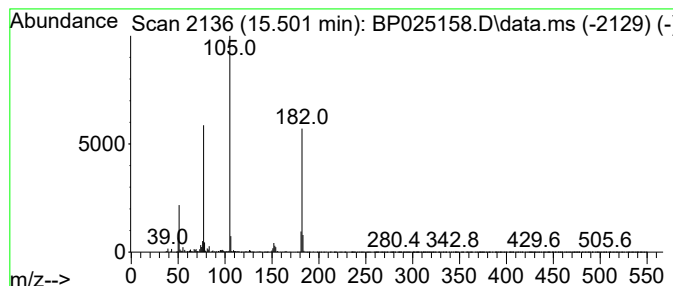
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.501	7.02 ng	2117740	Acenaphthene-d10	14.089

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50
3			Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	38
4			1,2,4-Triazolo[4,3-b]pyridazine,...	182	C7H7ClN4	028593-26-2	38
5			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	27



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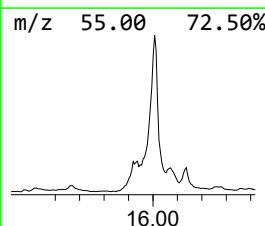
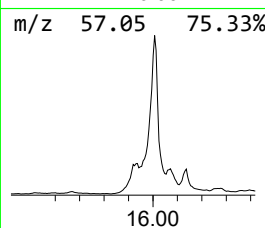
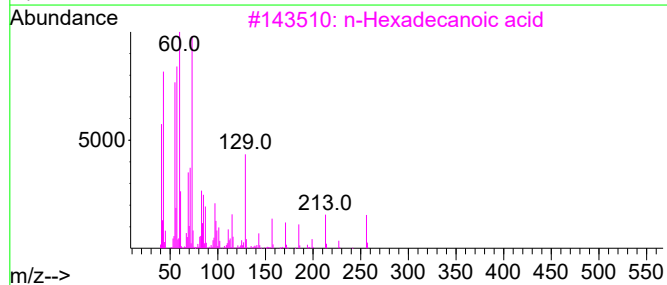
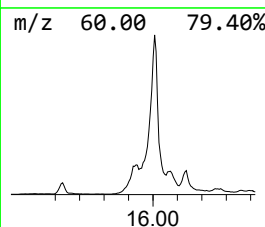
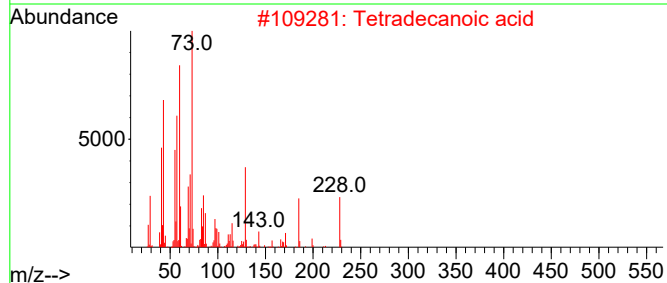
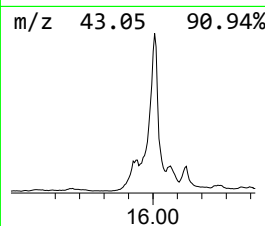
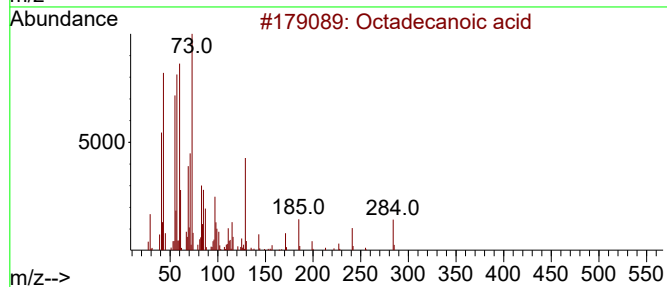
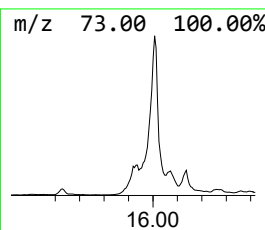
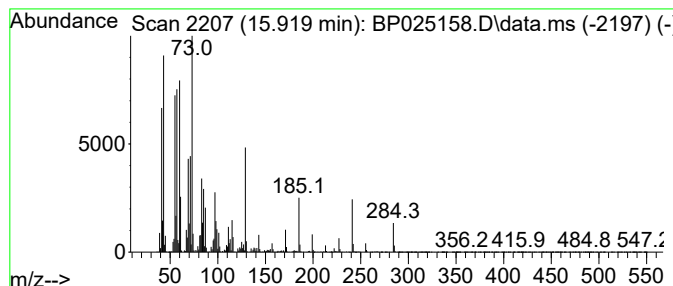
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.919	10.20 ng	3453540	Phenanthrene-d10	16.925

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72



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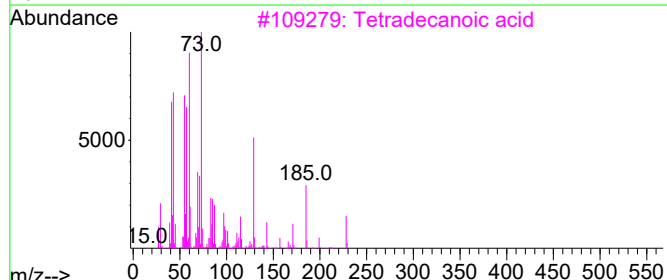
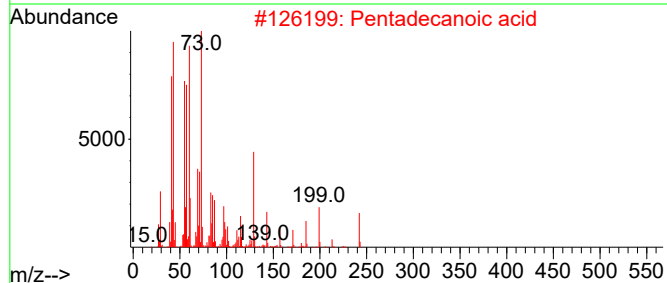
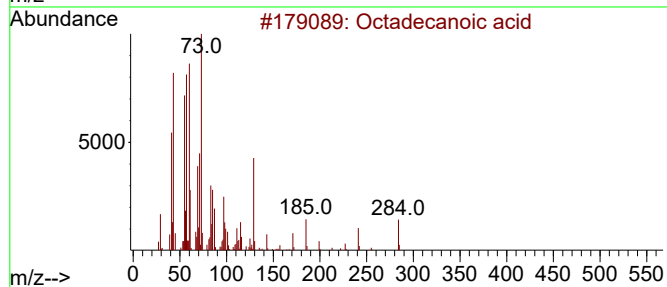
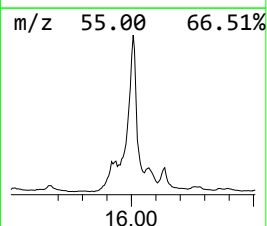
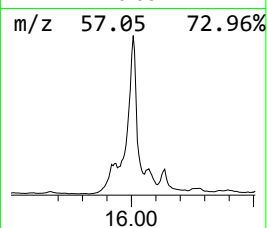
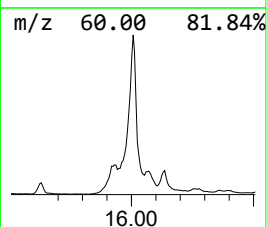
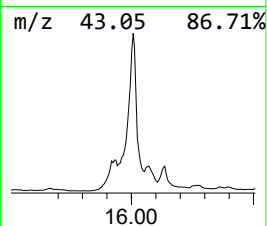
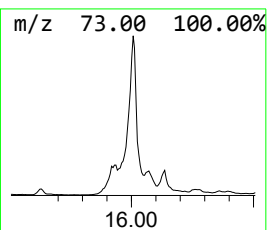
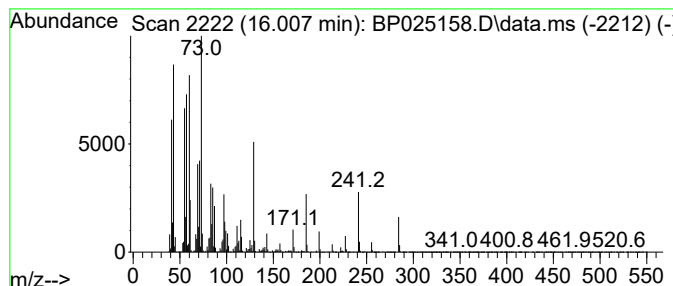
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Pentadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.007	75.28 ng	25482700	Phenanthrene-d10	16.925

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	91
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			Tridecanoic acid	214	C13H26O2	000638-53-9	76
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74



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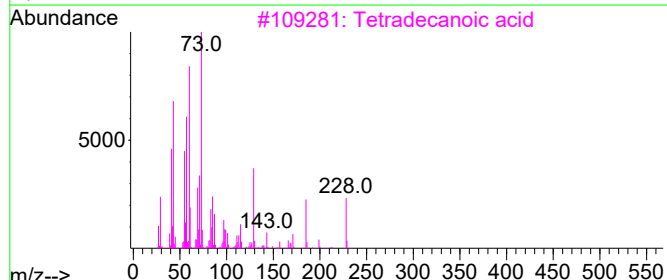
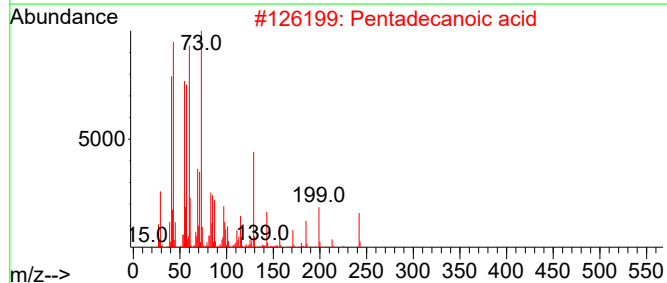
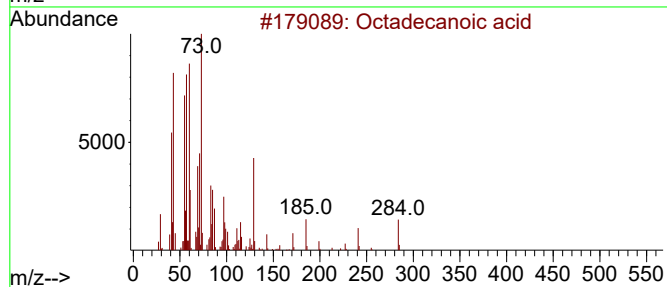
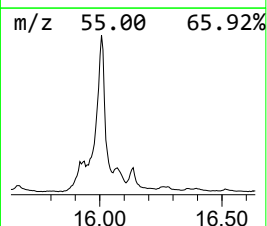
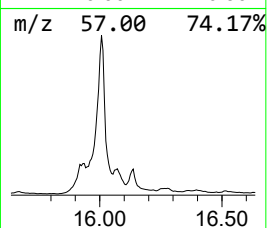
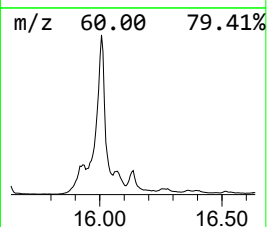
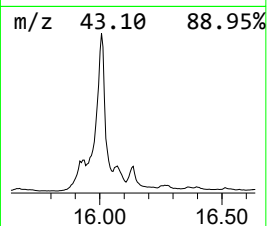
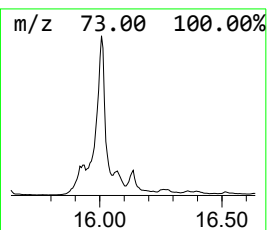
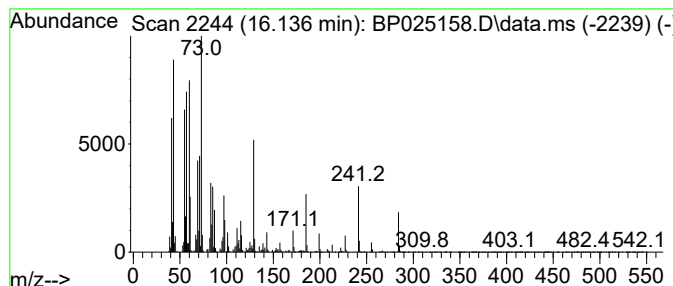
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Peak Number 5 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.137	9.07 ng	3070970	Phenanthrene-d10	16.925

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	53



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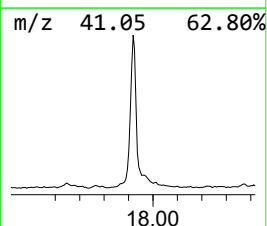
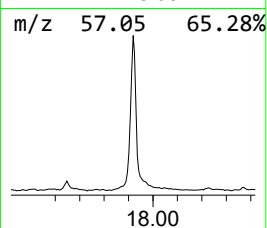
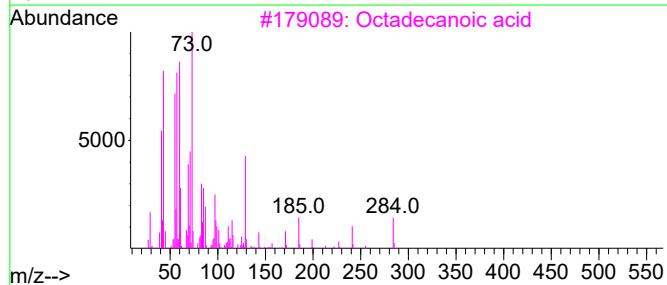
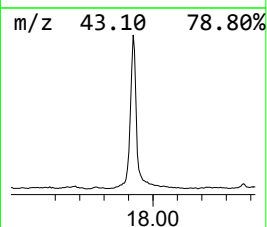
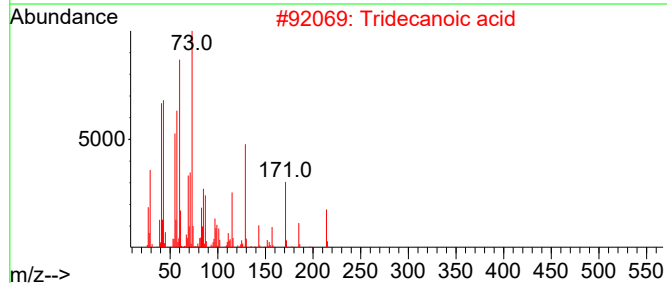
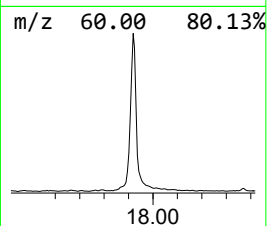
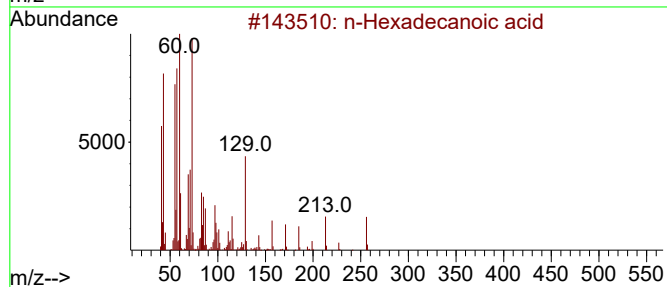
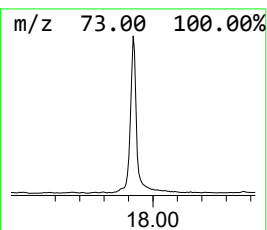
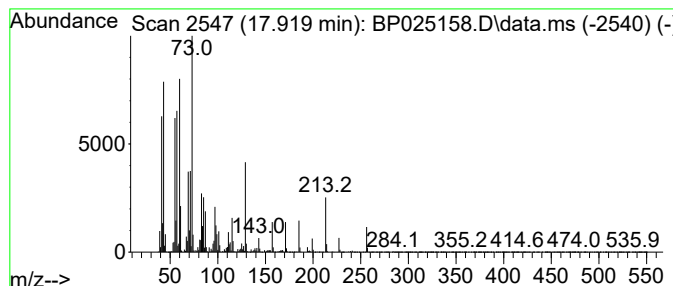
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.919	23.20 ng	7851600	Phenanthrene-d10	16.925

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	94
3			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
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Acq On : 16 Jul 2025 14:49
Operator : CG/JU
Sample : Q2586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

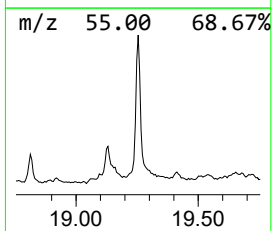
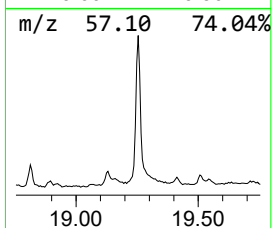
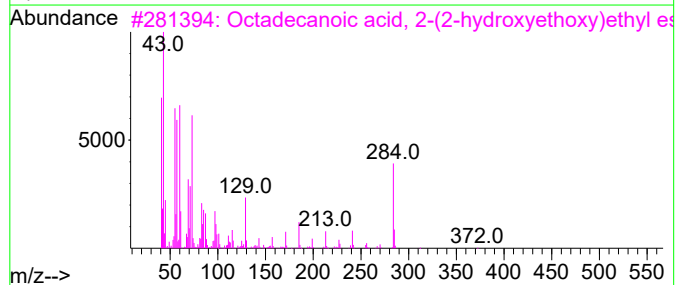
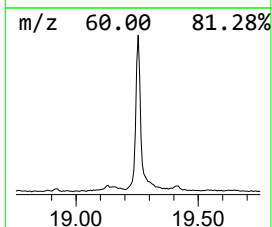
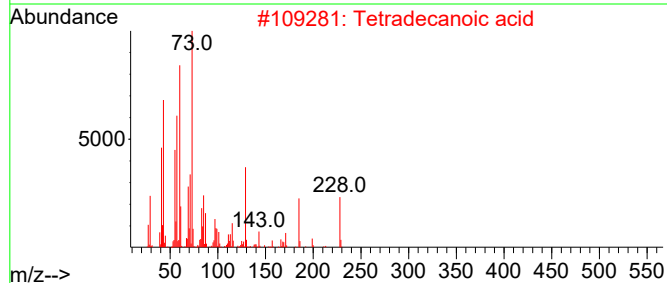
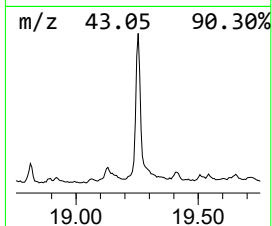
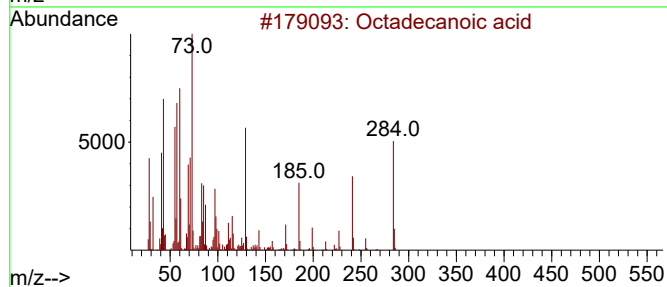
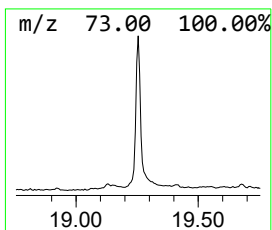
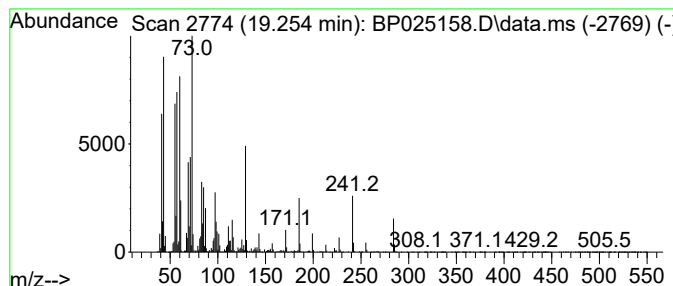
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ClientSampleId :
TP-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid, 2-(2-hyd... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.254	10.25 ng	3977450	Chrysene-d12	21.360	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025158.D
Acq On : 16 Jul 2025 14:49
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Sample : Q2586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-16

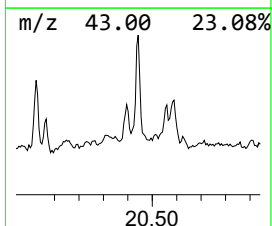
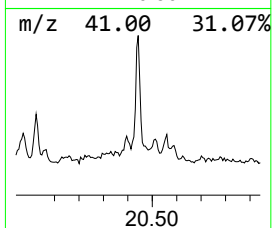
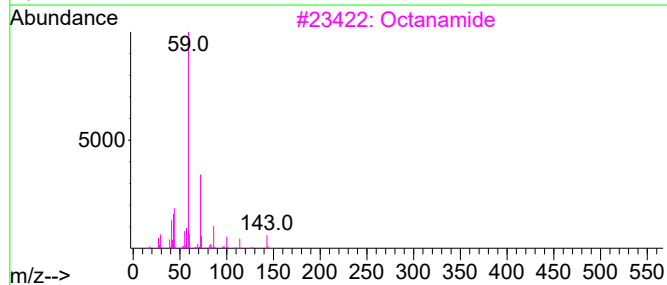
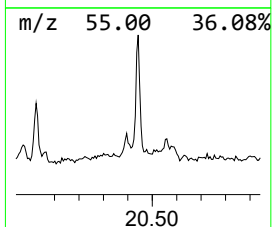
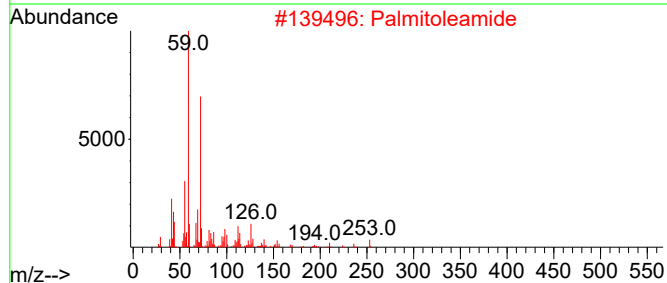
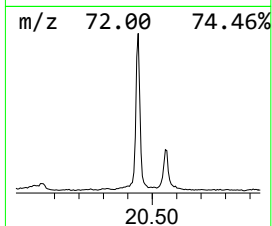
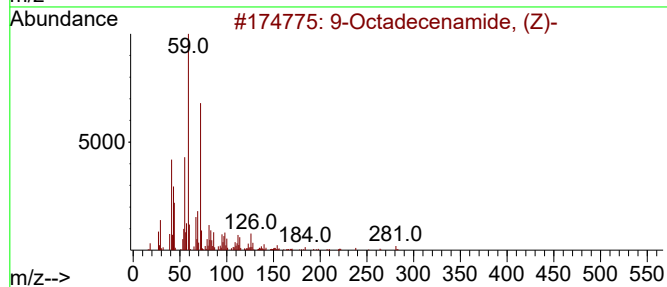
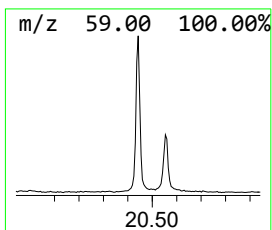
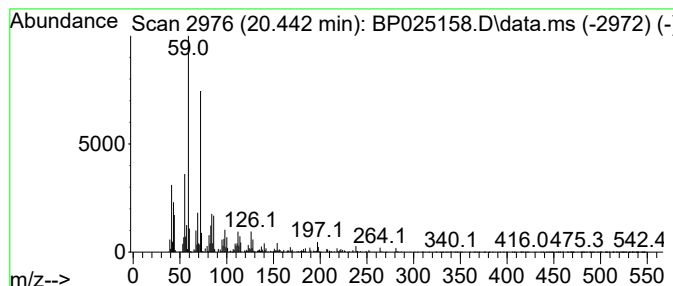
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.442	3.40 ng	1320780	Chrysene-d12	21.360

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2		Palmitoleamide	253	C16H31NO	106010-22-4	87
3		Octanamide	143	C8H17NO	000629-01-6	43
4		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	43
5		Hexadecanamide	255	C16H33NO	000629-54-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025158.D
Acq On : 16 Jul 2025 14:49
Operator : CG/JU
Sample : Q2586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

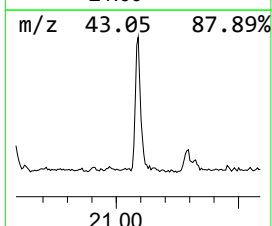
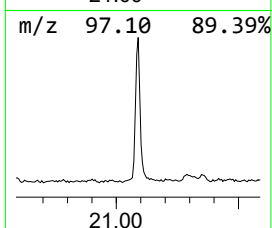
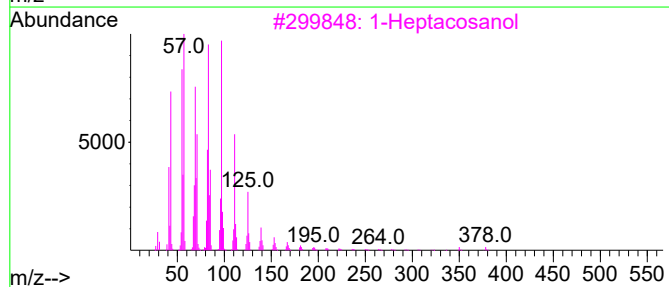
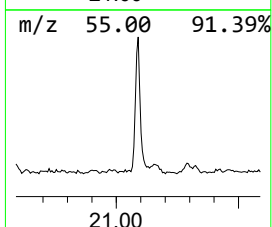
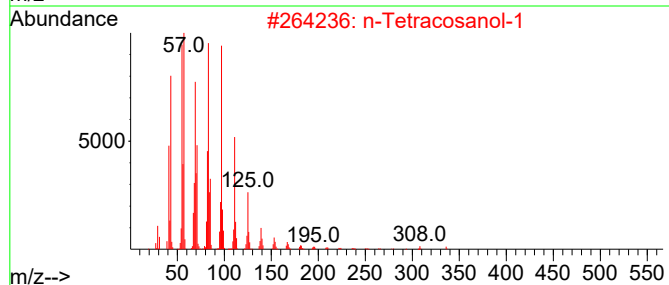
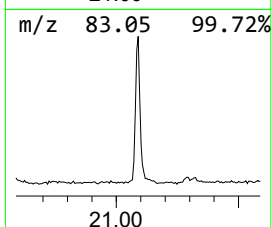
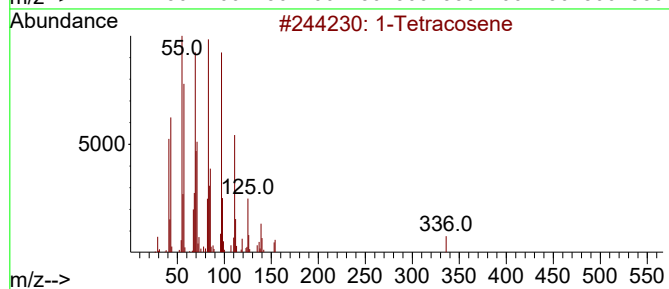
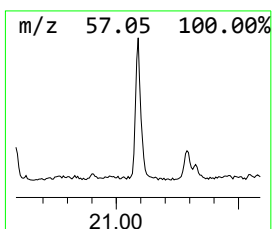
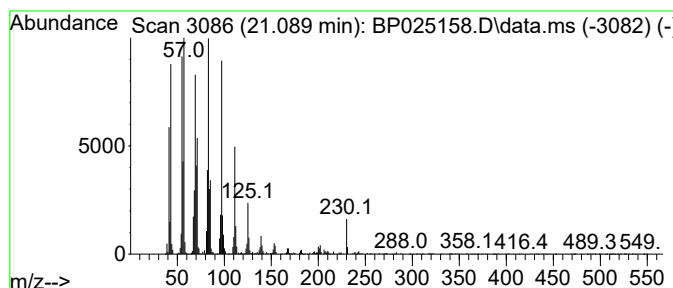
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Tetracosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.089	5.25 ng	2035850	Chrysene-d12	21.360	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	99
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025158.D
Acq On : 16 Jul 2025 14:49
Operator : CG/JU
Sample : Q2586-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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
2-Pentanone, 4-...	4.661	6.3	ng	1008730	1	7.443	3201660	20.0
Benzophenone	15.501	7.0	ng	2117740	3	14.089	6033110	20.0
Octadecanoic acid	15.919	10.2	ng	3453540	4	16.925	6769980	20.0
Pentadecanoic acid	16.007	75.3	ng	25482700	4	16.925	6769980	20.0
Tetradecanoic acid	16.137	9.1	ng	3070970	4	16.925	6769980	20.0
n-Hexadecanoic ...	17.919	23.2	ng	7851600	4	16.925	6769980	20.0
Octadecanoic ac...	19.254	10.3	ng	3977450	5	21.360	7762150	20.0
9-Octadecenamid...	20.442	3.4	ng	1320780	5	21.360	7762150	20.0
1-Tetracosene	21.089	5.3	ng	2035850	5	21.360	7762150	20.0