

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
 Data File : BG064831.D
 Acq On : 20 Nov 2025 12:57
 Operator : RC/JU
 Sample : Q3664-05
 Misc : LOQ-WATER-5ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 291399

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_G\Methods\8270-BG11225.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064831.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.135	3	8	17	rVV3	26392	59079	2.09%	0.376%
2	3.217	17	22	35	rVB	69511	112128	3.97%	0.714%
3	5.221	356	363	372	rBV	110731	171822	6.08%	1.093%
4	5.697	436	444	454	rBV	309693	510805	18.07%	3.250%
5	7.306	711	718	728	rBV	310884	564792	19.99%	3.594%
6	8.164	857	864	871	rVB	119186	207516	7.34%	1.320%
7	9.322	1051	1061	1070	rBV	199248	370737	13.12%	2.359%
8	10.979	1332	1343	1353	rBV	159622	301034	10.65%	1.916%
9	13.405	1747	1756	1764	rBV	614551	1012706	35.83%	6.444%
10	14.269	1875	1903	1921	rBV2	532290	2826074	100.00%	17.983%
11	14.768	1982	1988	1998	rVB	286978	474714	16.80%	3.021%
12	16.108	2207	2216	2223	rVB	51638	92627	3.28%	0.589%
13	16.243	2233	2239	2256	rBV	524167	845539	29.92%	5.380%
14	17.171	2390	2397	2398	rBV4	29722	52629	1.86%	0.335%
15	17.442	2432	2443	2448	rBV2	527796	1510246	53.44%	9.610%
16	17.500	2448	2453	2470	rVB2	490649	1014654	35.90%	6.457%
17	18.370	2596	2601	2614	rVB	168498	274584	9.72%	1.747%
18	19.627	2811	2815	2824	rVB2	68453	97575	3.45%	0.621%
19	19.892	2857	2860	2866	rVB2	21296	33290	1.18%	0.212%
20	20.086	2887	2893	2900	rBV	1730552	2187446	77.40%	13.919%
21	20.726	2999	3002	3008	rVB2	42645	62685	2.22%	0.399%
22	21.120	3065	3069	3075	rVB2	25032	43118	1.53%	0.274%
23	21.378	3108	3113	3122	rBV2	132696	205122	7.26%	1.305%
24	21.748	3169	3176	3183	rBV2	528993	922707	32.65%	5.871%
25	22.565	3311	3315	3322	rVB2	54503	106705	3.78%	0.679%
26	22.765	3342	3349	3357	rVB	298308	588110	20.81%	3.742%
27	23.446	3460	3465	3475	rVB3	69776	163015	5.77%	1.037%
28	24.997	3721	3729	3746	rVB	292163	903687	31.98%	5.750%

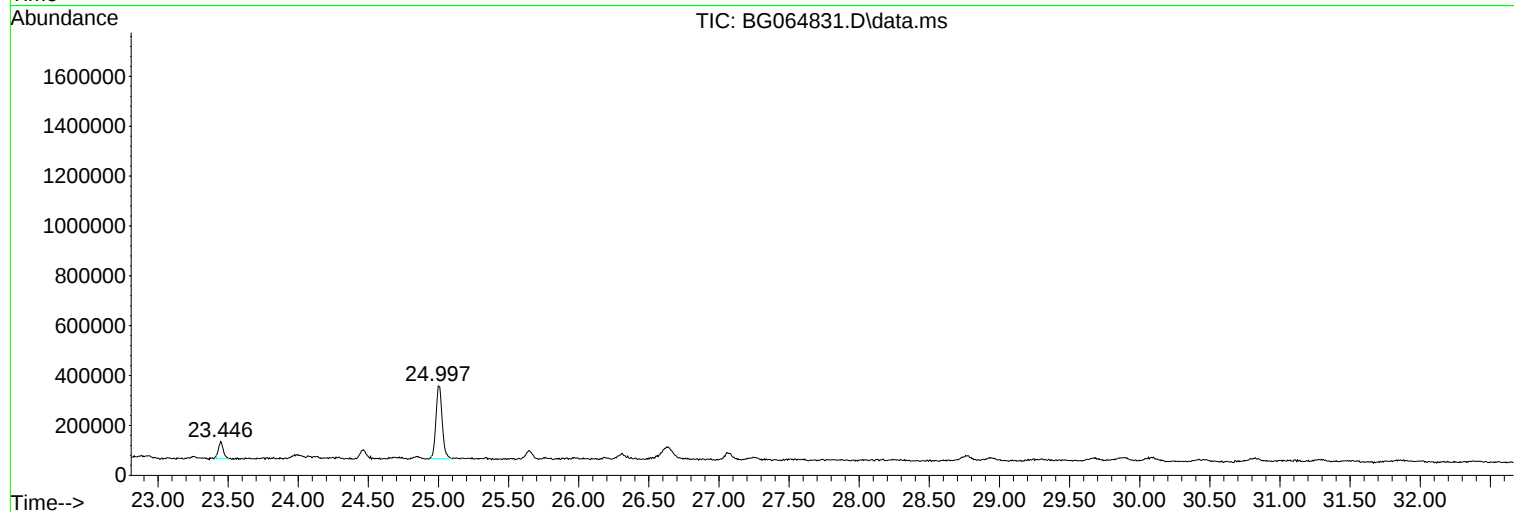
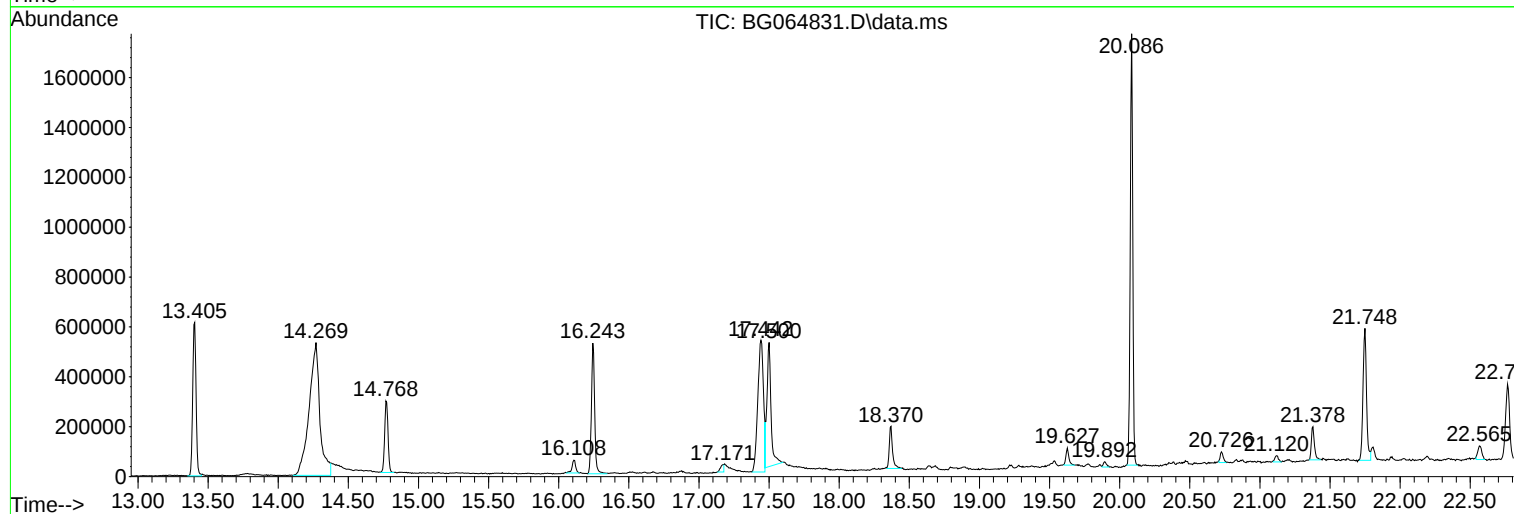
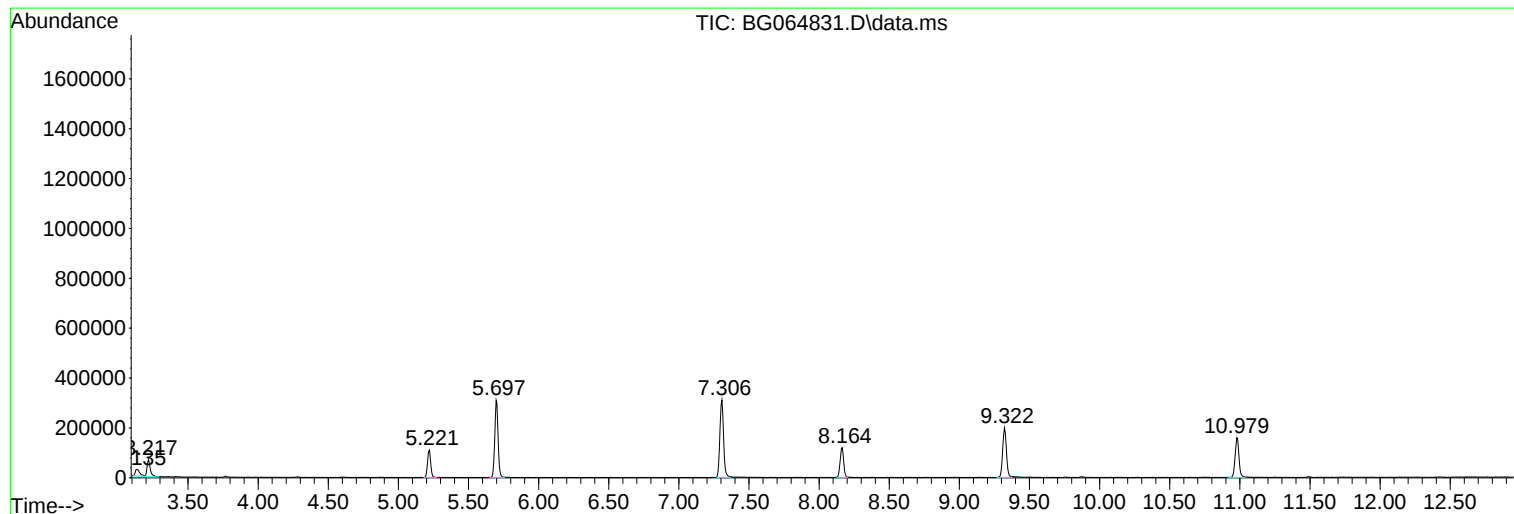
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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.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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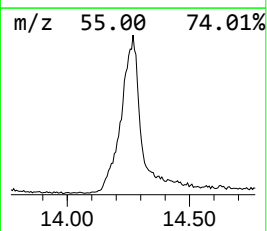
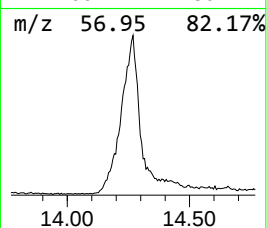
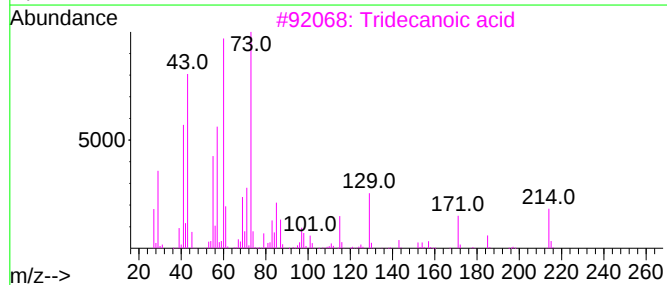
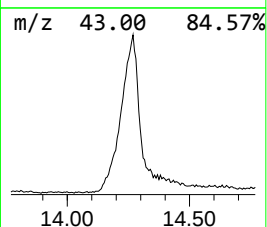
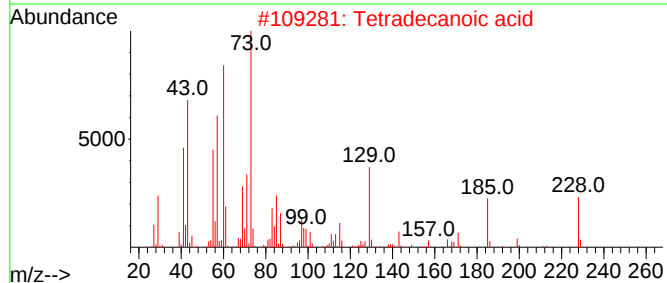
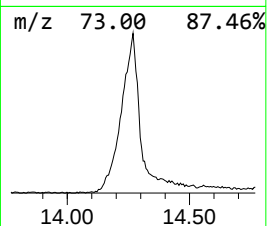
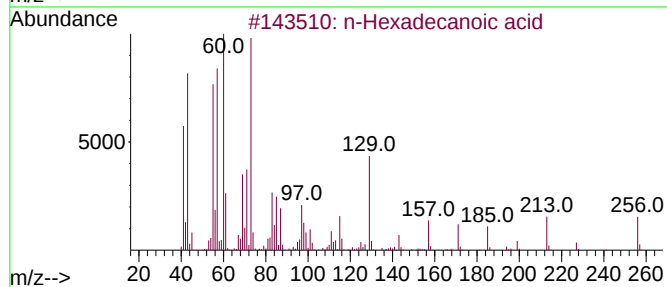
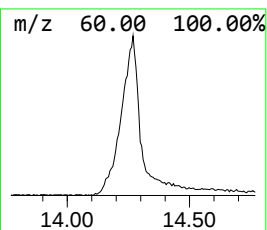
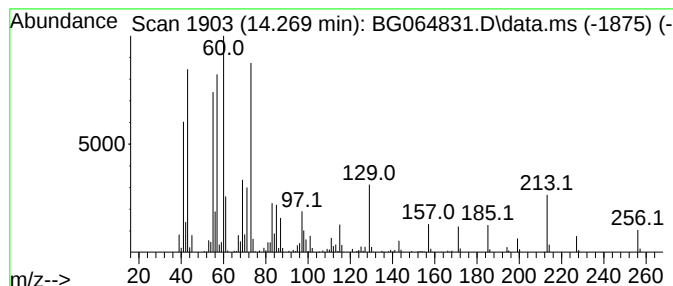
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.269	119.06 ng	2826070	Acenaphthene-d10	14.768

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3			Tridecanoic acid	214	C13H26O2	000638-53-9	58
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5			Dodecanoic acid	200	C12H24O2	000143-07-7	50



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Sample : Q3664-05
Misc : LOQ-WATER-5ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
291399

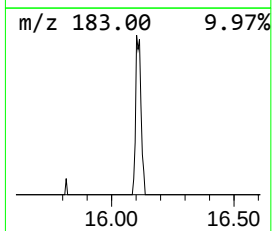
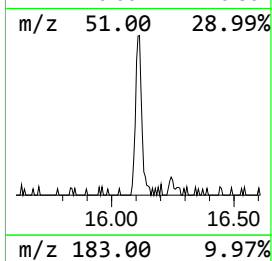
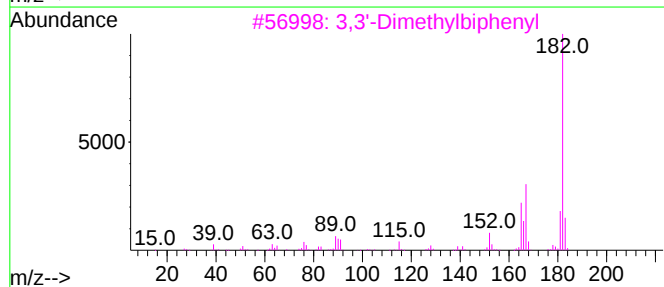
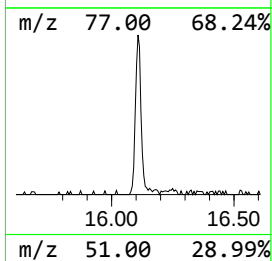
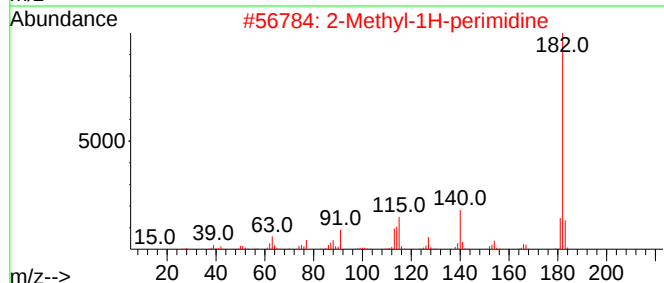
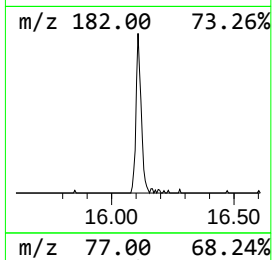
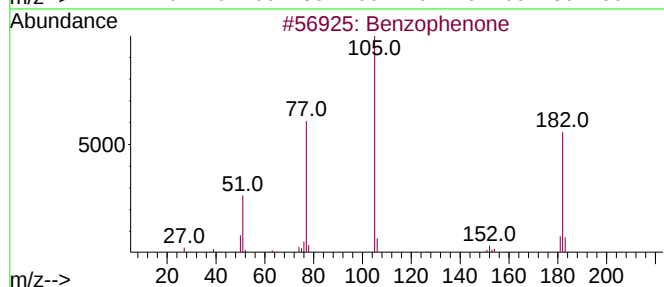
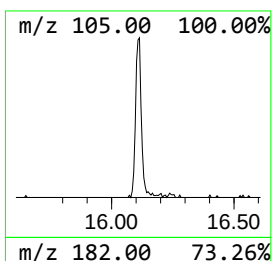
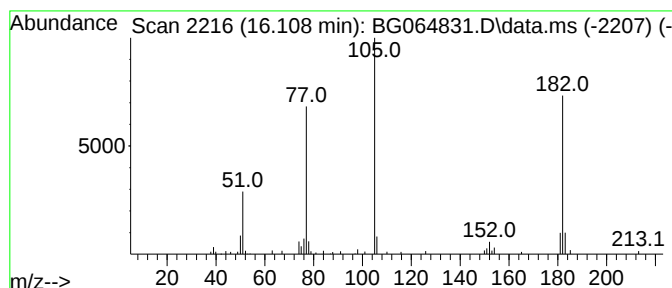
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.108	3.90 ng	92627	Acenaphthene-d10	14.768

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			2-Methyl-1H-perimidine	182	C12H10N2	005157-10-8	43
3			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	43
4			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	41
5			Benzoylformic acid	150	C8H6O3	000611-73-4	41



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Misc : LOQ-WATER-5ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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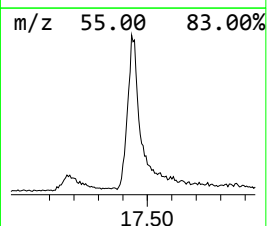
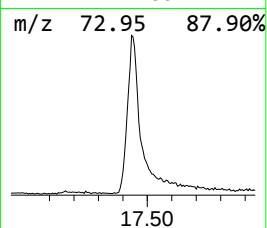
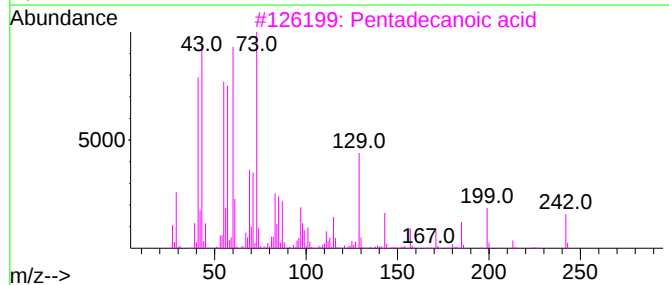
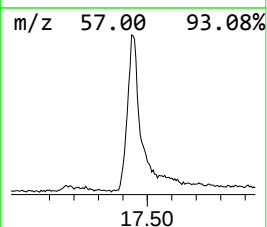
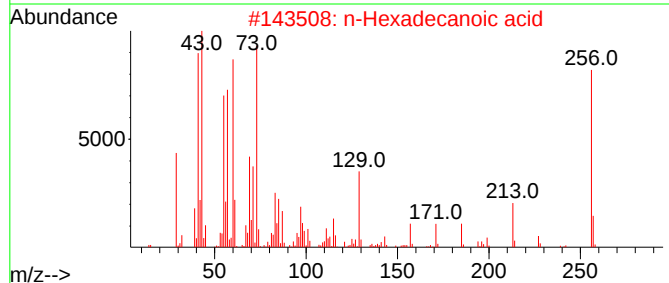
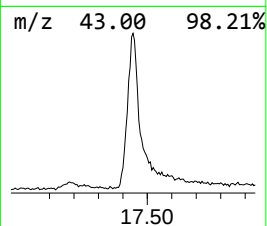
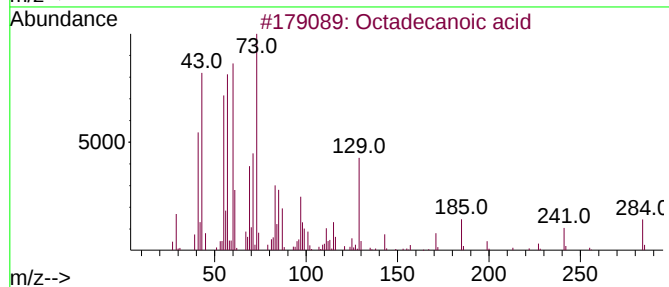
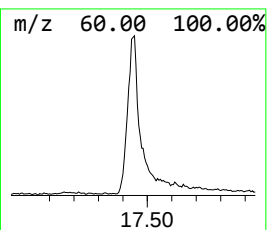
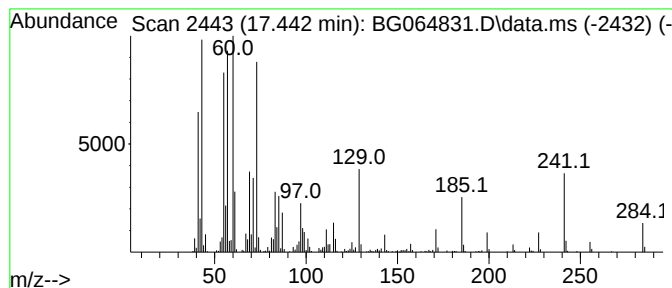
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.442	29.77 ng	1510250	Phenanthrene-d10	17.500

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5			Tridecanoic acid	214	C13H26O2	000638-53-9	53



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Sample : Q3664-05
Misc : LOQ-WATER-5ng
ALS Vial : 6 Sample Multiplier: 1

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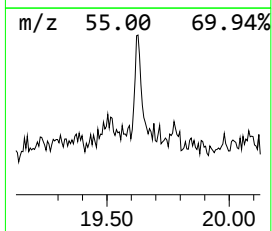
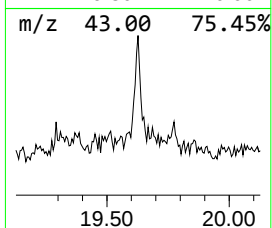
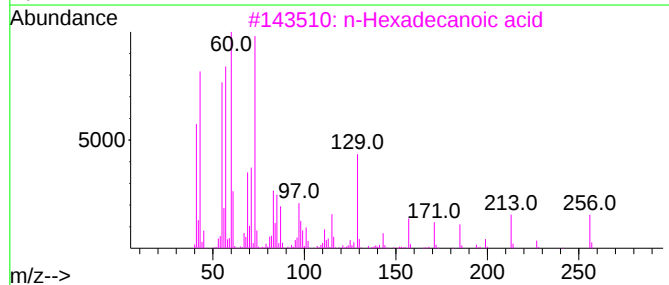
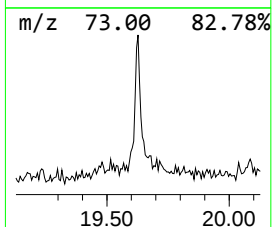
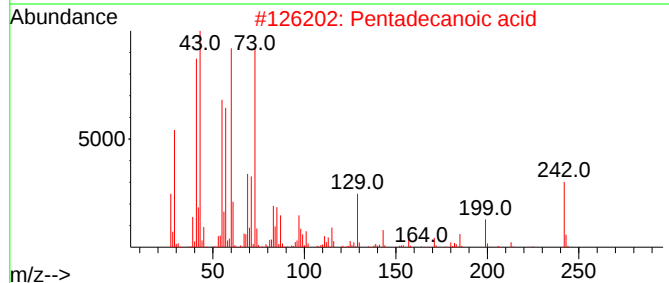
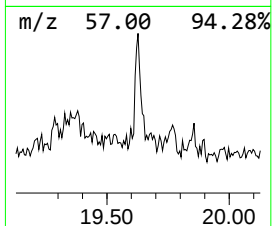
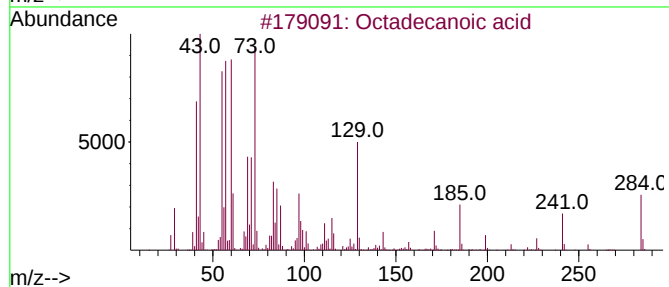
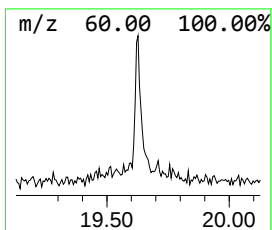
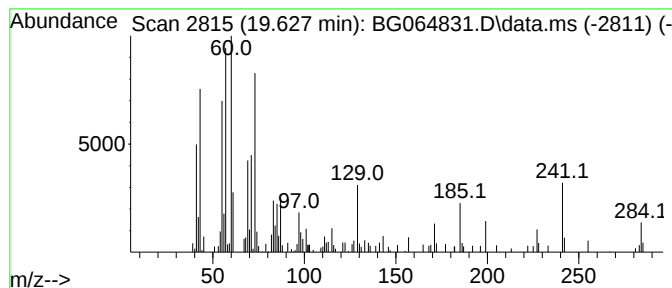
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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Peak Number 8 Pentadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.627	2.11 ng	97575	Chrysene-d12	21.748

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4			Undecanoic acid	186	C11H22O2	000112-37-8	64
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	59



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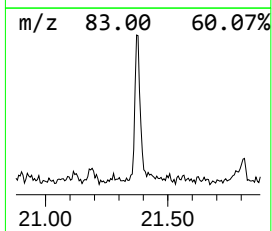
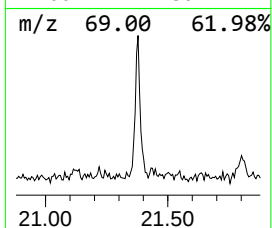
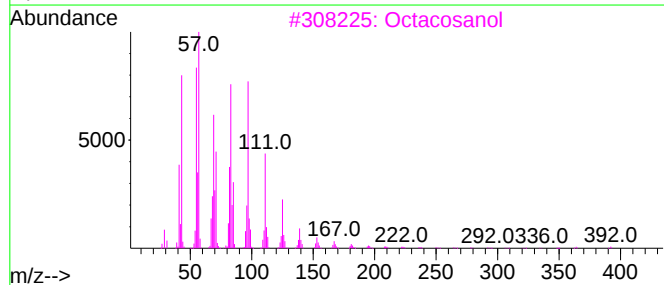
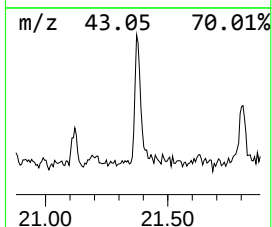
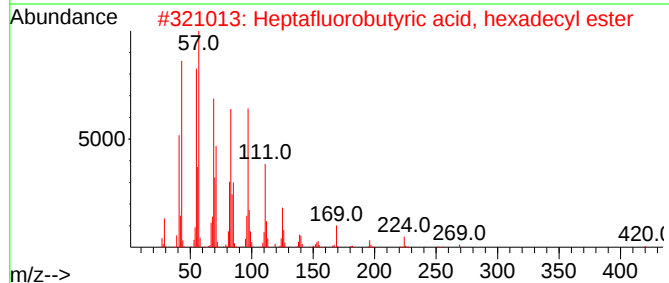
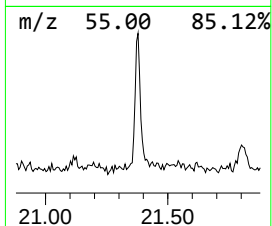
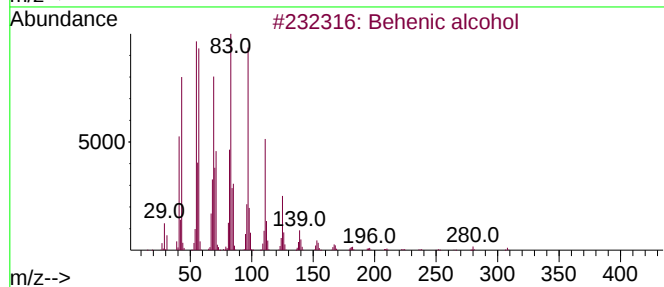
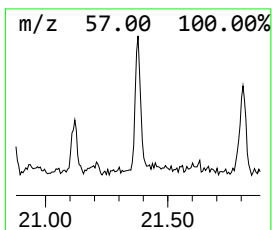
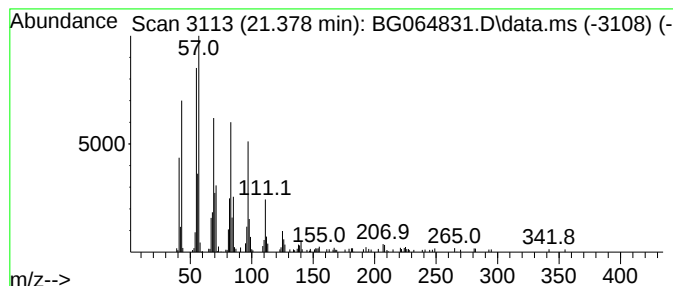
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11225.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Behenic alcohol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.378	4.45 ng	205122	Chrysene-d12	21.748

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenic alcohol	326	C22H46O	000661-19-8	91
2			Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
3			Octacosanol	410	C28H58O	000557-61-9	91
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5			Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	91



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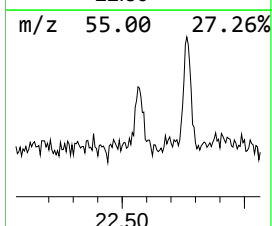
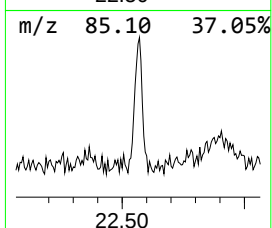
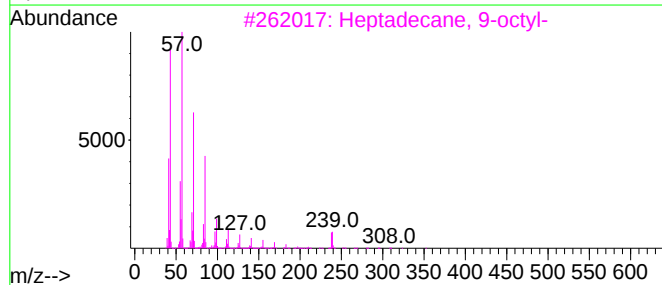
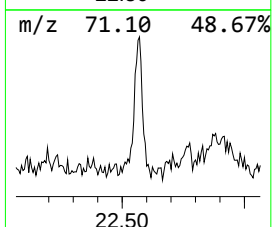
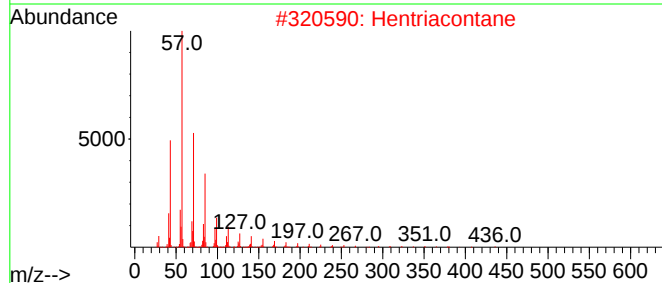
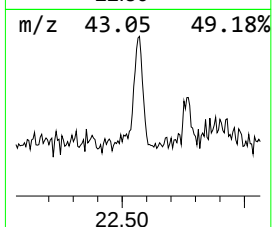
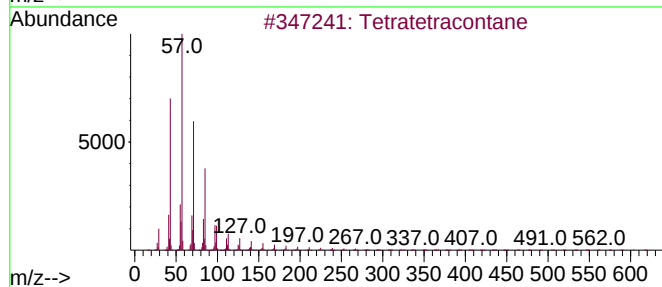
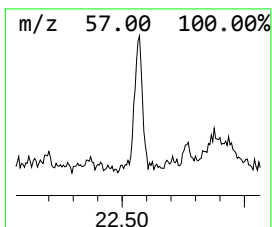
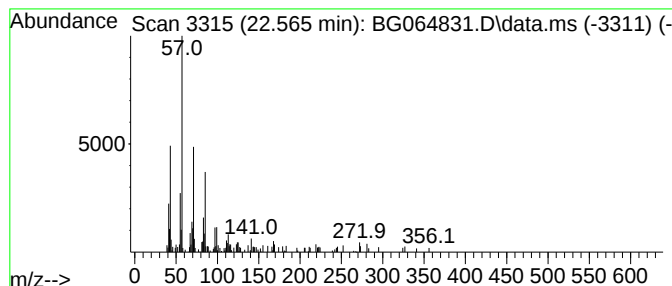
Instrument :
BNA_G
ClientSampleId :
291399

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetratetracontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.565	2.31 ng	106705	Chrysene-d12	21.748	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	87
2	Hentriacontane	437	C31H64	000630-04-6	83
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	80
5	Hexatriacontane	507	C36H74	000630-06-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
Data File : BG064831.D
Acq On : 20 Nov 2025 12:57
Operator : RC/JU
Sample : Q3664-05
Misc : LOQ-WATER-5ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
291399

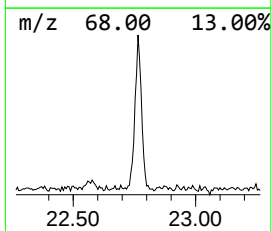
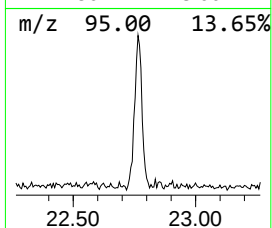
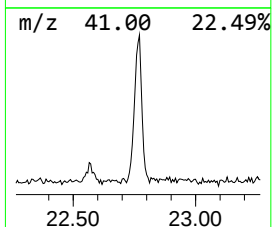
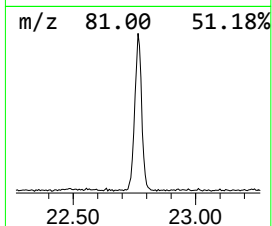
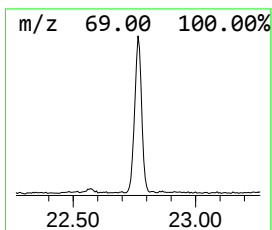
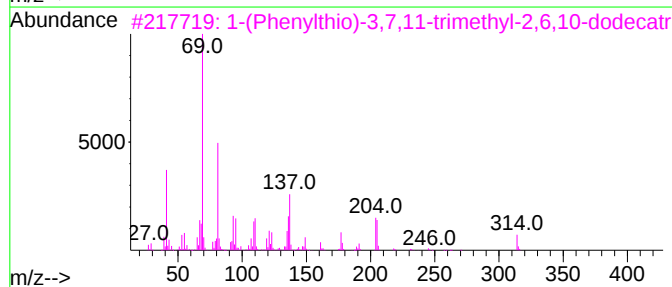
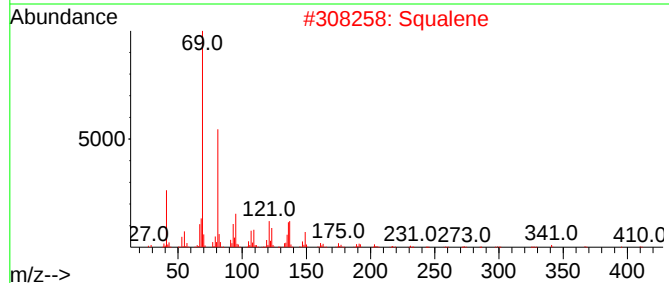
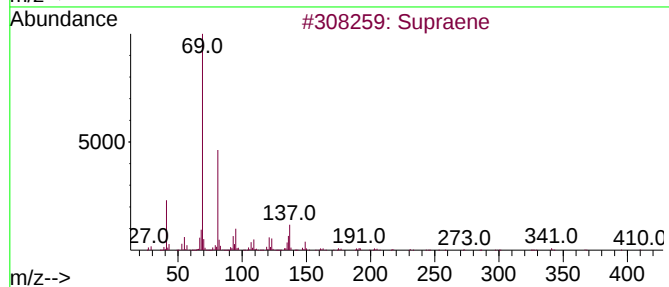
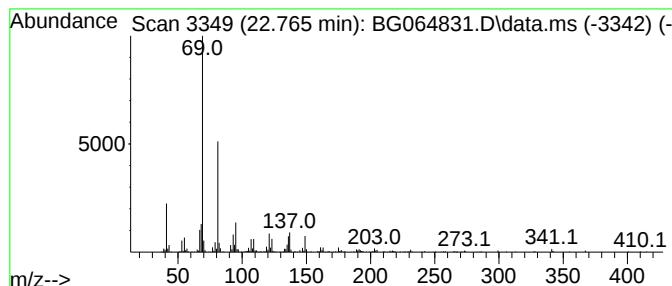
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.765	12.75 ng	588110	Chrysene-d12	21.748

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Supraene	410	C30H50	007683-64-9	96
2			Squalene	410	C30H50	000111-02-4	95
3			1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	78
4			4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72
5			Umbelliprenin	366	C24H30O3	023838-17-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
Data File : BG064831.D
Acq On : 20 Nov 2025 12:57
Operator : RC/JU
Sample : Q3664-05
Misc : LOQ-WATER-5ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
291399

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.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
n-Hexadecanoic ...	14.269	119.1	ng	2826070	3	14.768	474714	20.0
Benzophenone	16.108	3.9	ng	92627	3	14.768	474714	20.0
Octadecanoic acid	17.442	29.8	ng	1510250	4	17.500	1014650	20.0
Pentadecanoic acid	19.627	2.1	ng	97575	5	21.748	922707	20.0
Behenic alcohol	21.378	4.5	ng	205122	5	21.748	922707	20.0
Tetratetracontane	22.565	2.3	ng	106705	5	21.748	922707	20.0
Supraene	22.765	12.8	ng	588110	5	21.748	922707	20.0