

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
 Data File : BG059899.D
 Acq On : 27 Nov 2023 12:51
 Operator : MA/JU
 Sample : 05425-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB20231114

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-BG111623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG059899.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.338	324	332	337	rBV2	42848	76627	2.50%	0.630%
2	5.802	404	411	418	rBV	449633	742487	24.22%	6.109%
3	7.429	681	688	698	rVB	200849	347904	11.35%	2.862%
4	8.305	830	837	844	rVB3	115290	208220	6.79%	1.713%
5	9.509	1033	1042	1050	rVB2	413526	746937	24.36%	6.145%
6	11.154	1314	1322	1330	rBV	152012	271081	8.84%	2.230%
7	13.563	1725	1732	1738	rBV	1210216	1742875	56.85%	14.339%
8	14.938	1960	1966	1972	rBV	233469	363169	11.85%	2.988%
9	16.425	2212	2219	2226	rBV2	978676	1471293	47.99%	12.105%
10	17.694	2429	2435	2440	rVB	298952	464664	15.16%	3.823%
11	17.952	2474	2479	2486	rBV9	21537	38353	1.25%	0.316%
12	18.504	2562	2573	2587	rBV2	239563	443386	14.46%	3.648%
13	18.933	2644	2646	2655	rVB9	22765	53963	1.76%	0.444%
14	19.762	2781	2787	2796	rBV3	180044	270500	8.82%	2.225%
15	19.909	2806	2812	2823	rBV8	58308	150853	4.92%	1.241%
16	20.267	2868	2873	2880	rVB	2544391	3065920	100.00%	25.224%
17	20.725	2945	2951	2959	rBV7	67443	179971	5.87%	1.481%
18	21.002	2995	2998	3006	rVB8	13985	31131	1.02%	0.256%
19	21.548	3086	3091	3097	rVB5	60405	124274	4.05%	1.022%
20	22.006	3160	3169	3176	rBV2	250068	470260	15.34%	3.869%
21	22.118	3182	3188	3194	rBV8	30504	54775	1.79%	0.451%
22	22.482	3242	3250	3257	rBV7	55646	147337	4.81%	1.212%
23	22.770	3295	3299	3307	rVB9	33458	55265	1.80%	0.455%
24	23.587	3436	3438	3446	rVB9	33064	62503	2.04%	0.514%
25	24.891	3656	3660	3665	rVB7	22109	38043	1.24%	0.313%
26	25.573	3763	3776	3785	rBV	151801	499943	16.31%	4.113%
27	29.574	4451	4457	4458	rBV5	22915	32938	1.07%	0.271%

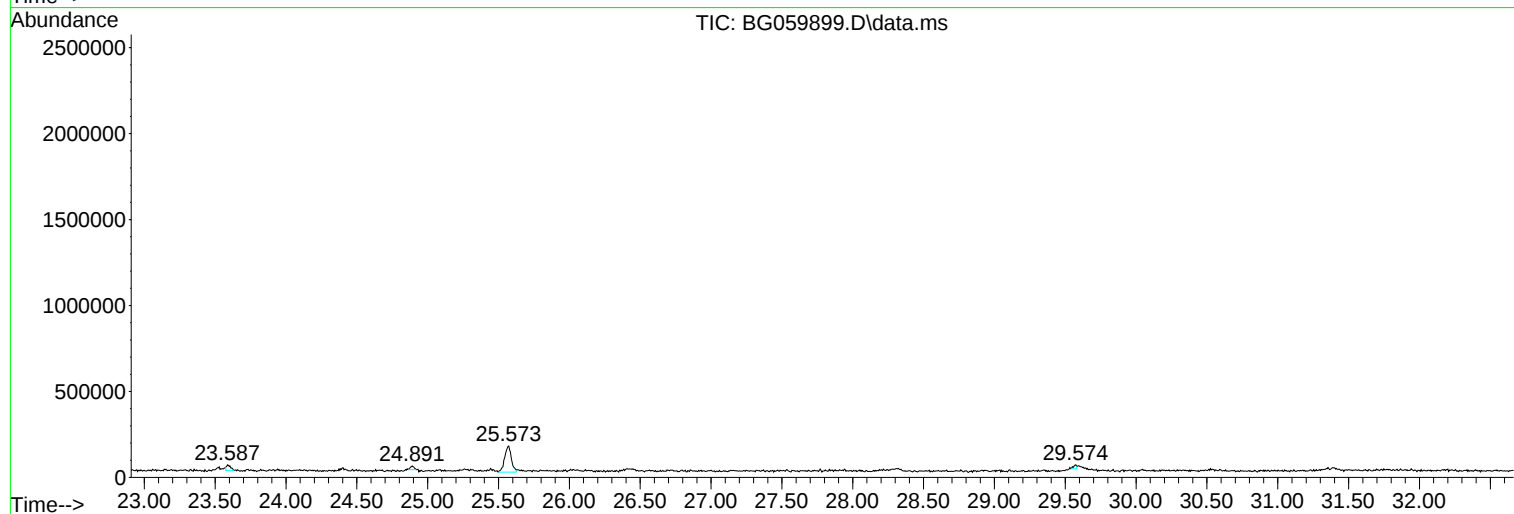
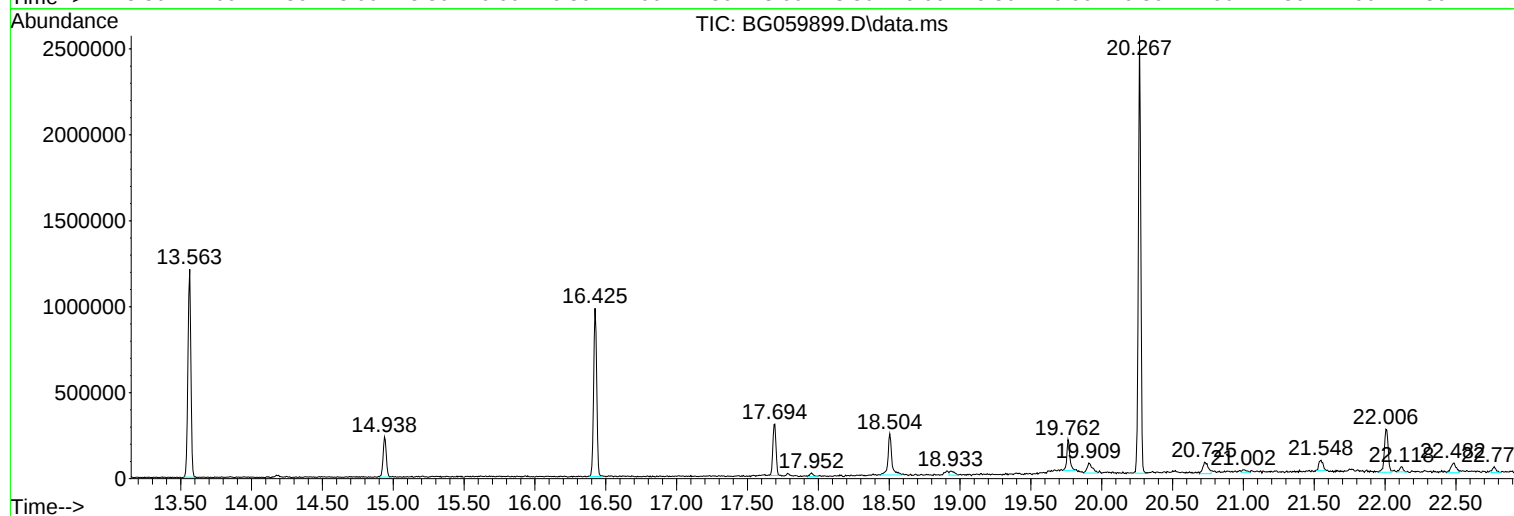
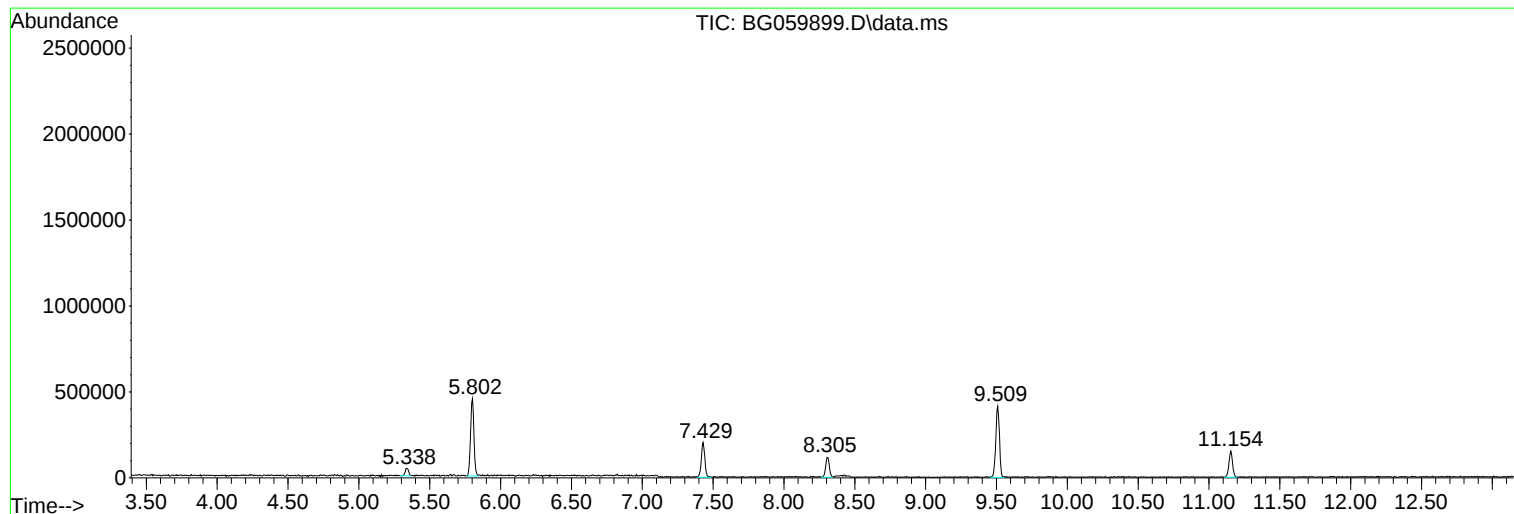
Sum of corrected areas: 12154672

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059899.D
Acq On : 27 Nov 2023 12:51
Operator : MA/JU
Sample : 05425-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB20231114

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059899.D
Acq On : 27 Nov 2023 12:51
Operator : MA/JU
Sample : 05425-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB20231114

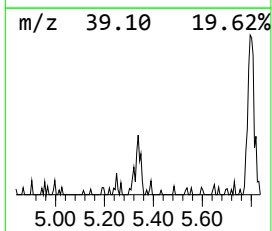
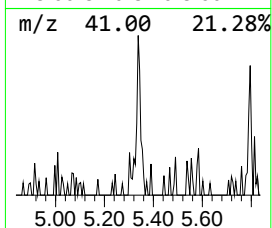
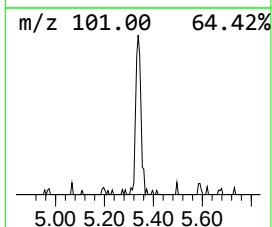
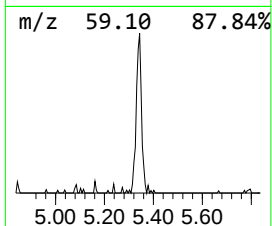
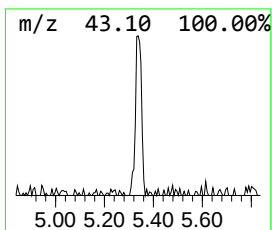
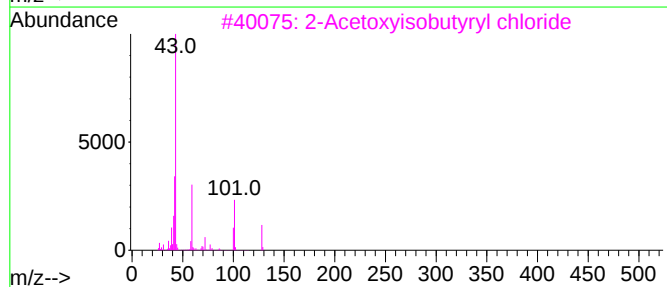
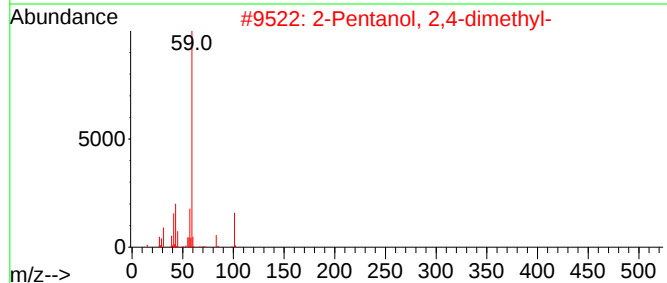
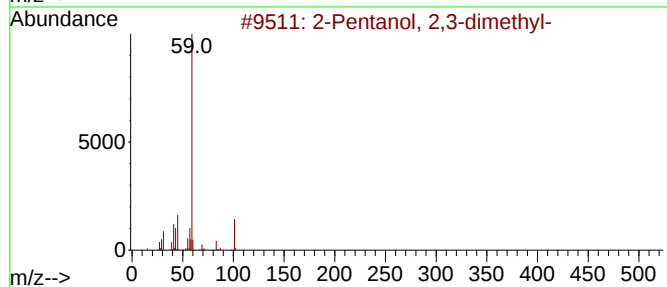
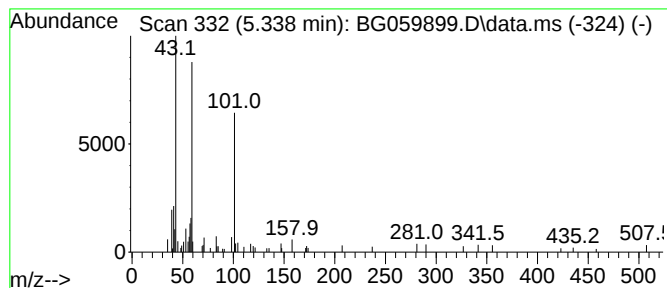
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanol, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.338	7.36 ng	76627	1,4-Dichlorobenzene-d4	8.305

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	64		
2	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	64		
3	2-Acetoxyisobutyryl chloride	164	C6H9ClO3	040635-66-3	50		
4	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	50		
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059899.D
Acq On : 27 Nov 2023 12:51
Operator : MA/JU
Sample : 05425-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB20231114

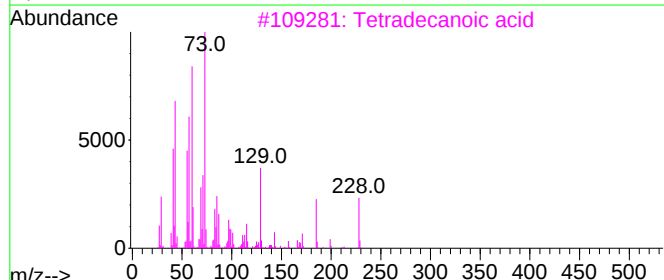
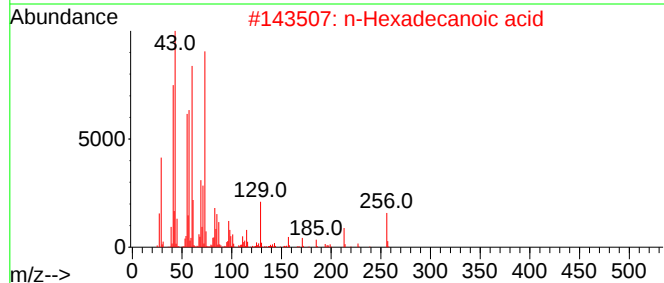
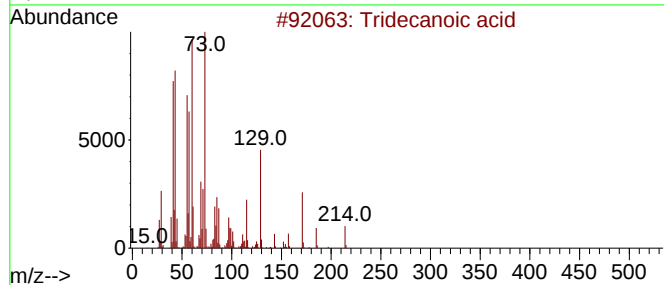
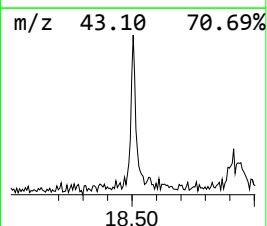
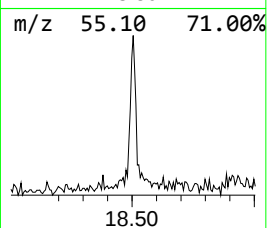
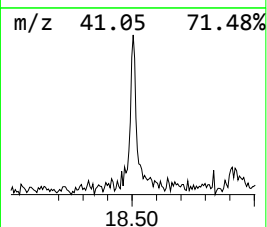
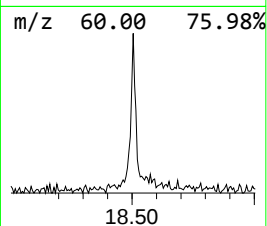
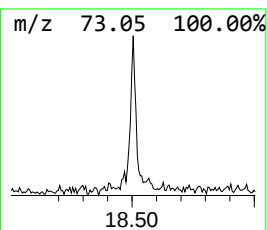
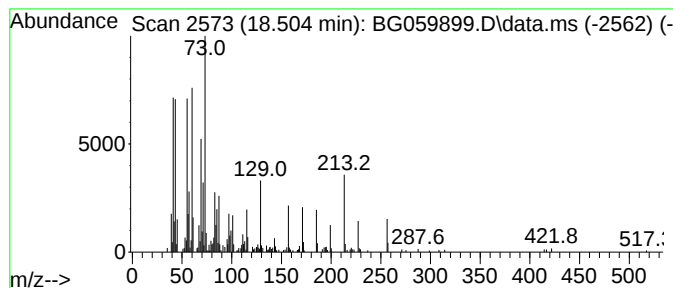
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.504	19.08 ng	443386	Phenanthrene-d10	17.694

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	70
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4			Undecanoic acid	186	C11H22O2	000112-37-8	53
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059899.D
Acq On : 27 Nov 2023 12:51
Operator : MA/JU
Sample : 05425-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB20231114

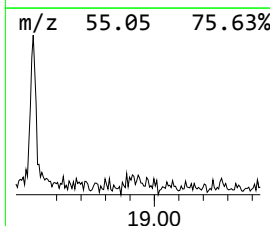
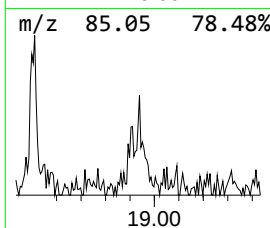
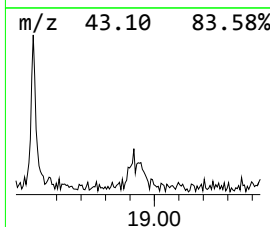
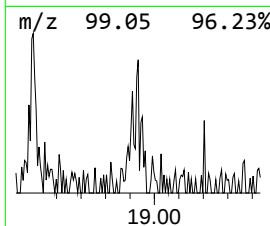
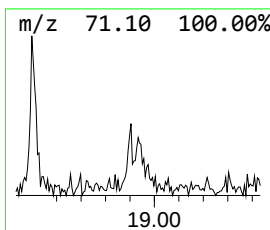
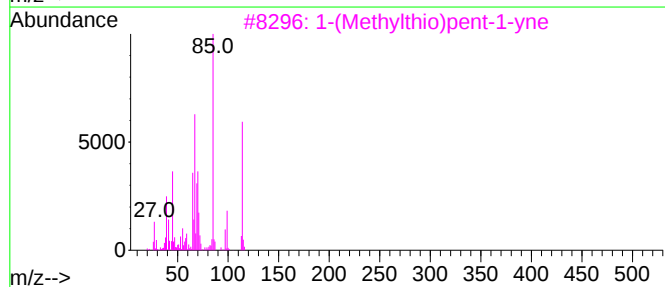
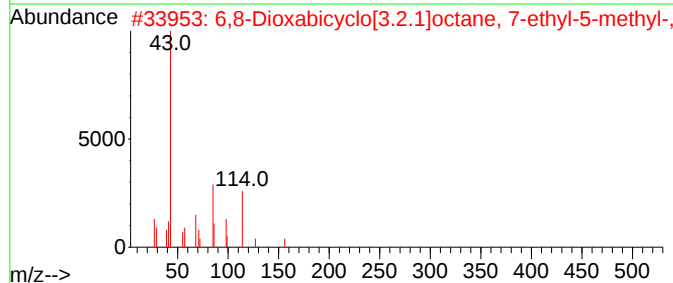
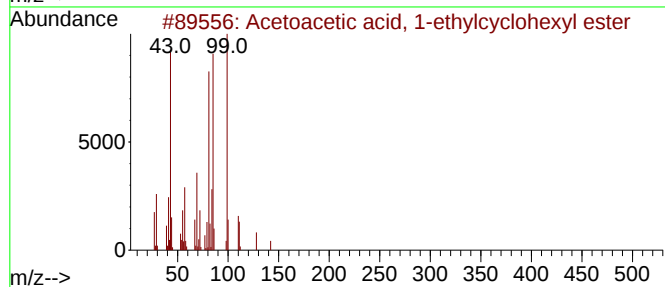
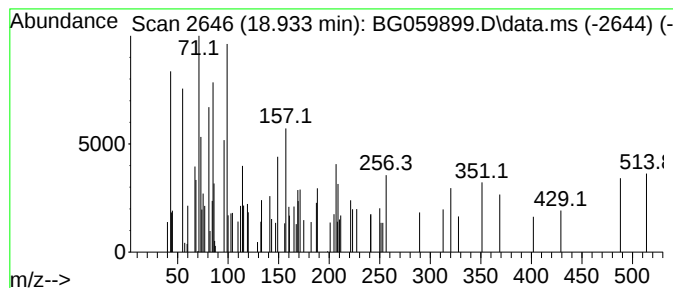
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown18.933 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.933	2.32 ng	53963	Phenanthrene-d10	17.694

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetoacetic acid, 1-ethylcyclohe...	212	C12H20O3	015780-56-0	35
2			6,8-Dioxabicyclo[3.2.1]octane, 7...	156	C9H16O2	020290-99-7	27
3			1-(Methylthio)pent-1-yne	114	C6H10S	1000250-49-0	27
4			1-Pentylpiperazine	156	C9H20N2	050866-75-6	22
5			2-Ethylbutyric acid, 4-methylpen...	200	C12H24O2	1000370-50-4	17



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059899.D
Acq On : 27 Nov 2023 12:51
Operator : MA/JU
Sample : 05425-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB20231114

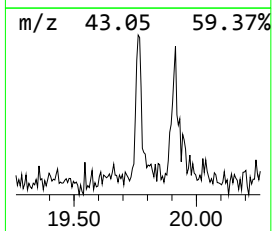
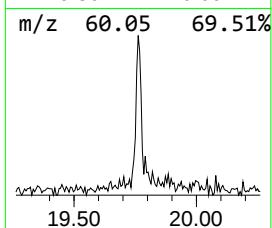
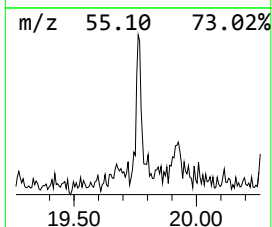
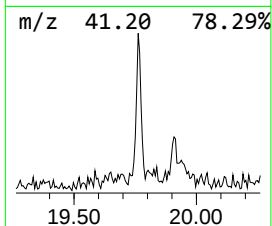
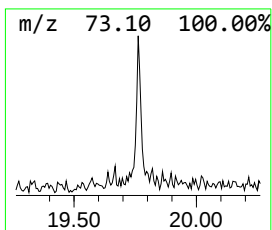
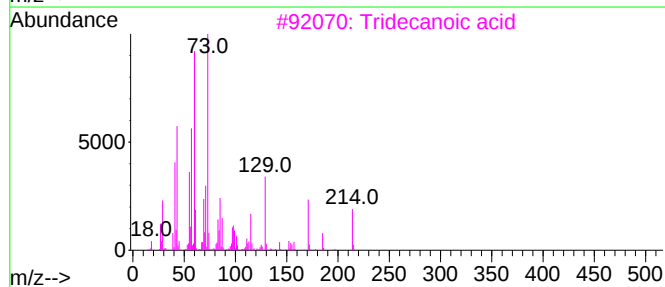
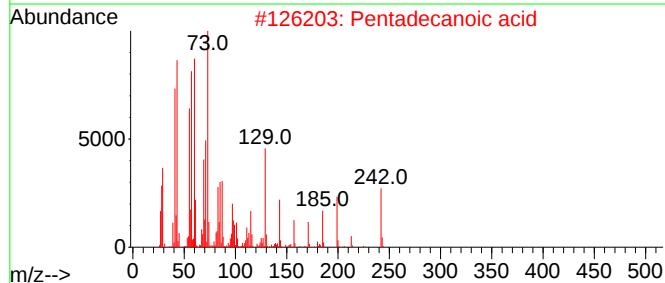
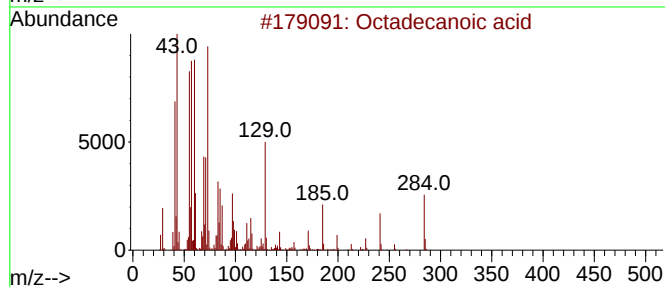
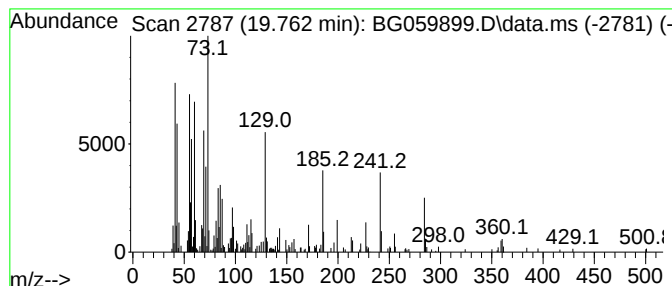
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.762	11.64 ng	270500	Phenanthrene-d10	17.694

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	93
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3			Tridecanoic acid	214	C13H26O2	000638-53-9	70
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
5			Undecanoic acid	186	C11H22O2	000112-37-8	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059899.D
Acq On : 27 Nov 2023 12:51
Operator : MA/JU
Sample : 05425-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

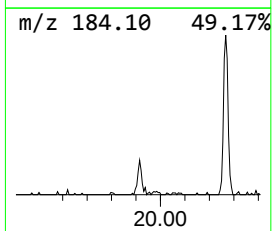
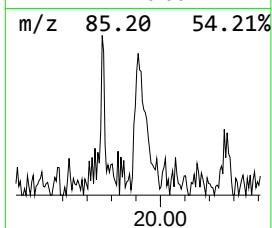
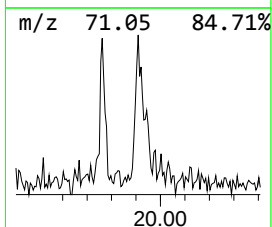
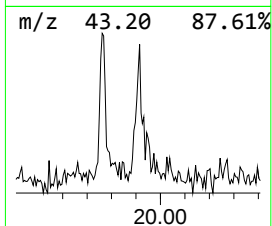
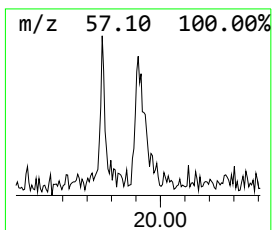
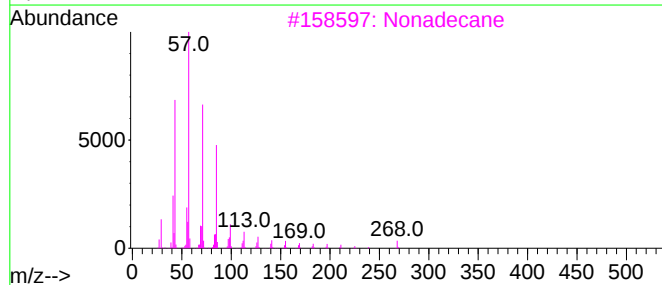
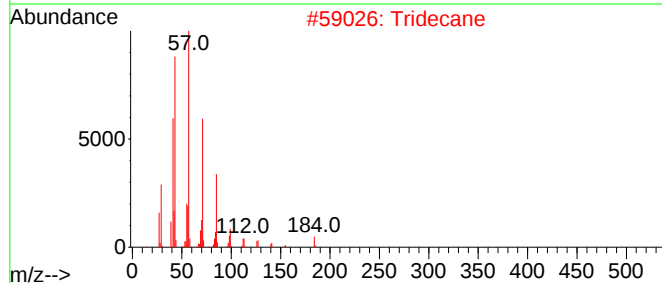
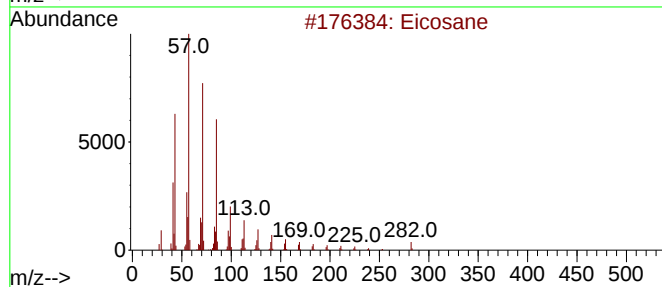
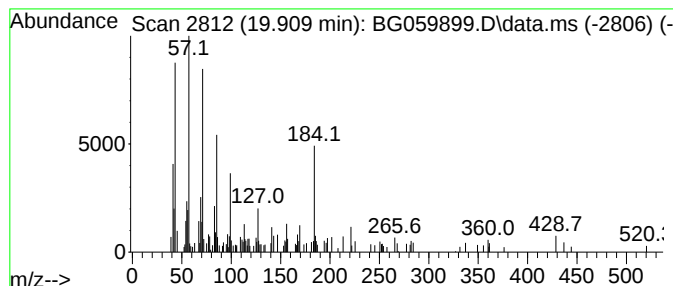
Instrument :
BNA_G
ClientSampleId :
EB20231114

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.909	6.42 ng	150853	Chrysene-d12	22.006	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Tridecane	184	C13H28	000629-50-5	74
3	Nonadecane	268	C19H40	000629-92-5	60
4	Octadecane	254	C18H38	000593-45-3	60
5	Hentriacontane	437	C31H64	000630-04-6	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059899.D
Acq On : 27 Nov 2023 12:51
Operator : MA/JU
Sample : 05425-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB20231114

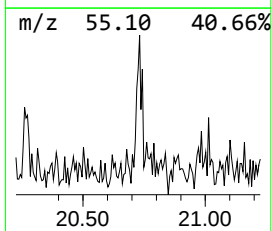
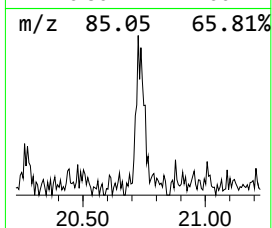
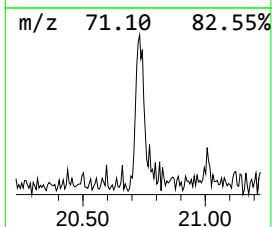
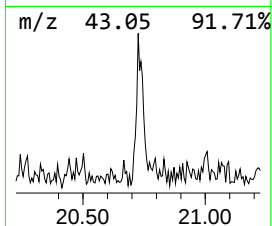
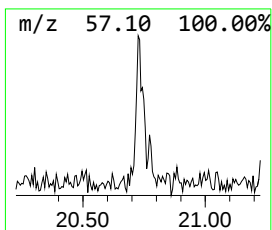
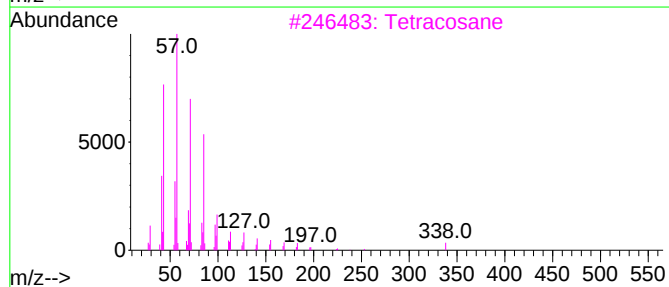
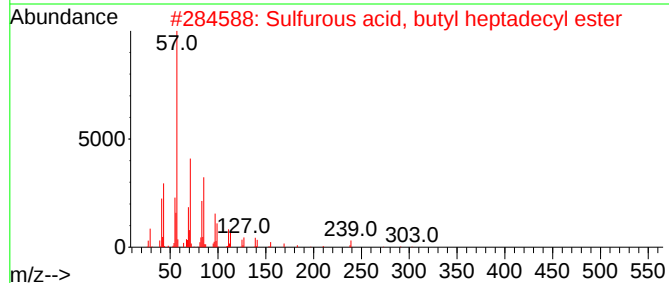
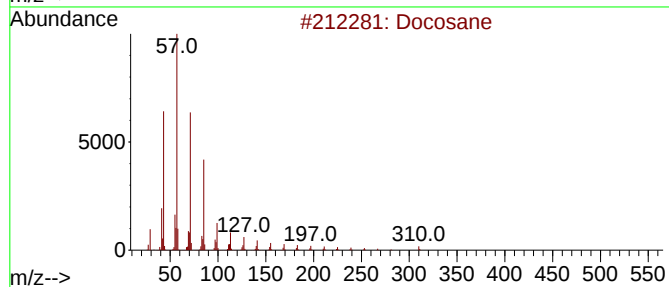
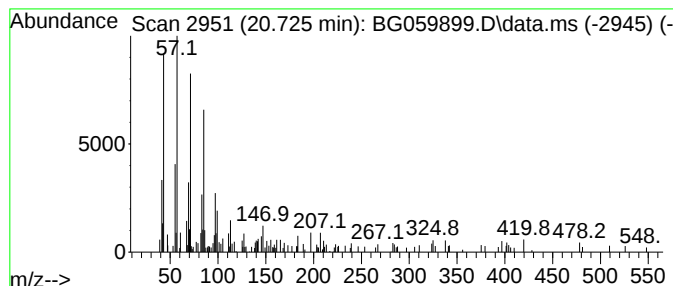
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Docosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.725	7.65 ng	179971	Chrysene-d12	22.006

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	90
2			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	83
3			Tetracosane	338	C24H50	000646-31-1	81
4			4-Methylheneicosane	310	C22H46	025117-29-7	81
5			Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059899.D
Acq On : 27 Nov 2023 12:51
Operator : MA/JU
Sample : 05425-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB20231114

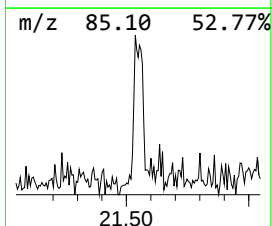
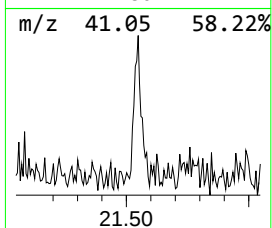
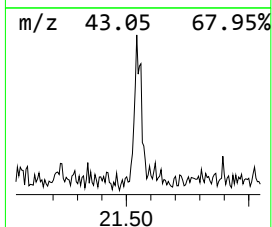
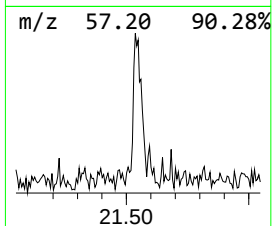
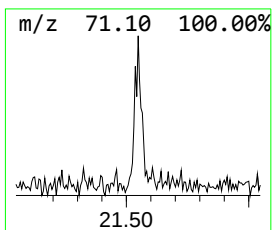
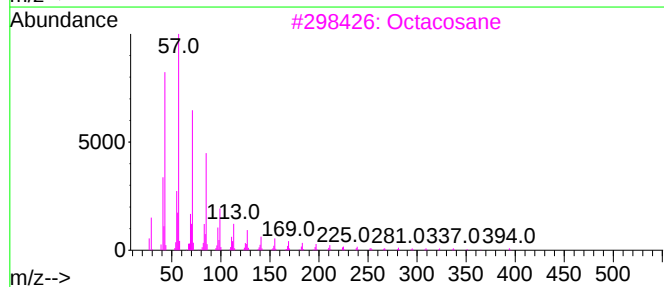
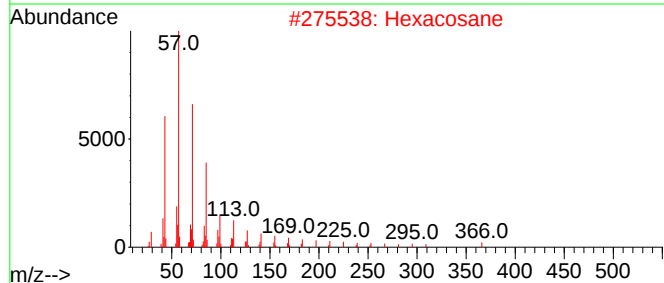
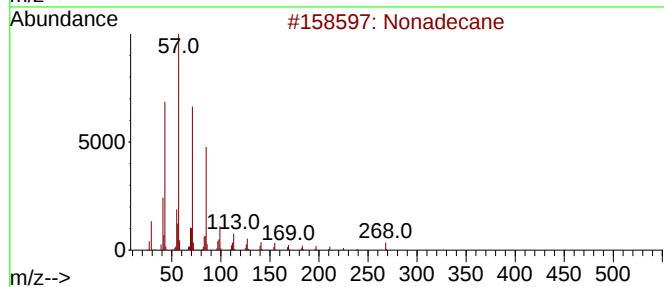
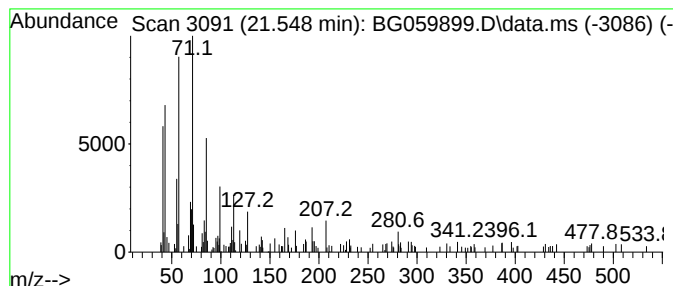
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.548	5.29 ng	124274	Chrysene-d12	22.006

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	70
2			Hexacosane	366	C26H54	000630-01-3	64
3			Octacosane	394	C28H58	000630-02-4	59
4			Hentriacontane	437	C31H64	000630-04-6	58
5			Tridecane	184	C13H28	000629-50-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059899.D
Acq On : 27 Nov 2023 12:51
Operator : MA/JU
Sample : 05425-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB20231114

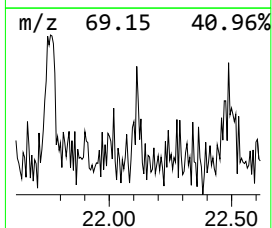
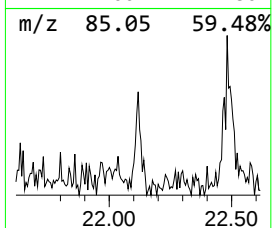
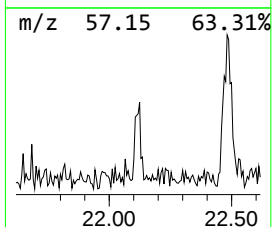
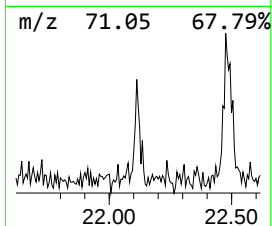
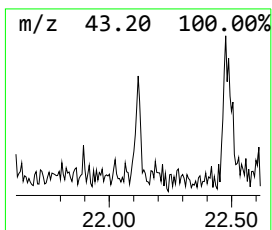
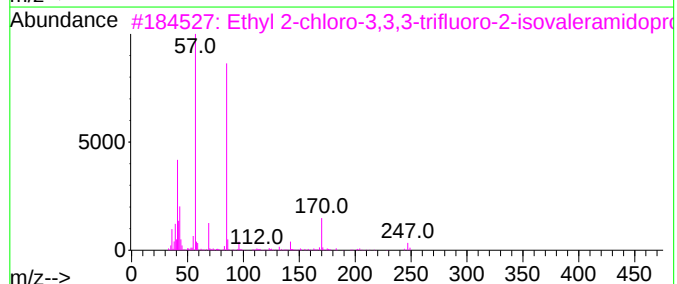
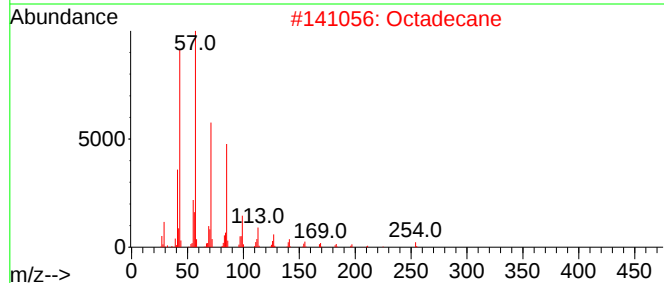
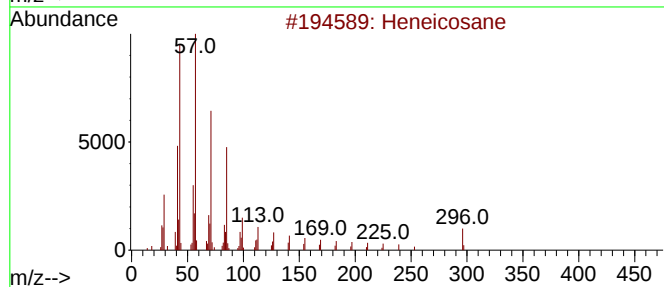
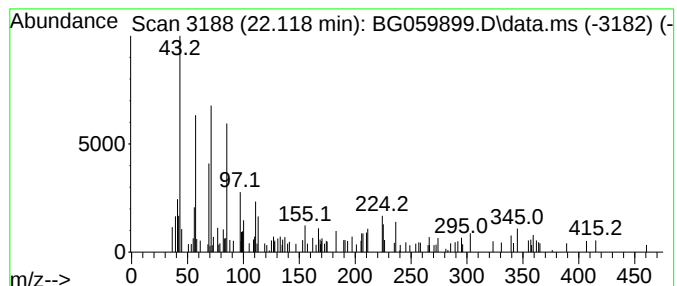
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown22.118 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.118	2.33 ng	54775	Chrysene-d12	22.006

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	30
2			Octadecane	254	C18H38	000593-45-3	30
3			Ethyl 2-chloro-3,3,3-trifluoro-2...	289	C10H15ClF3NO3	329182-55-0	27
4			Heptadecane, 3-methyl-	254	C18H38	006418-44-6	27
5			Heptadecane	240	C17H36	000629-78-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059899.D
Acq On : 27 Nov 2023 12:51
Operator : MA/JU
Sample : 05425-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB20231114

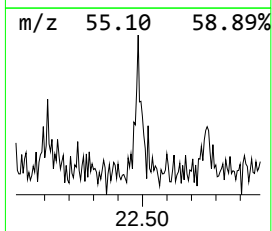
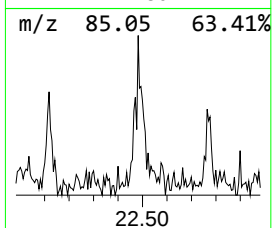
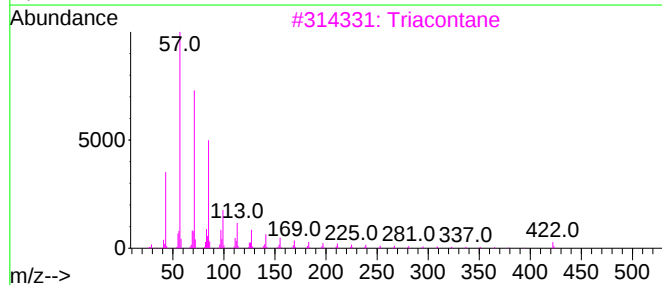
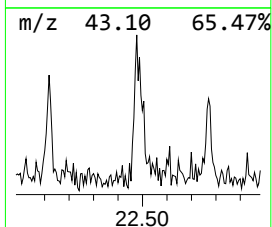
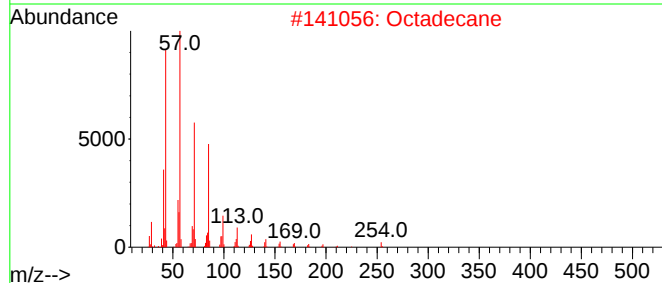
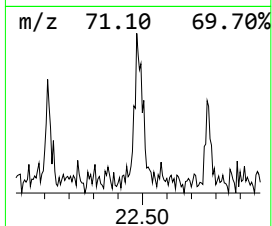
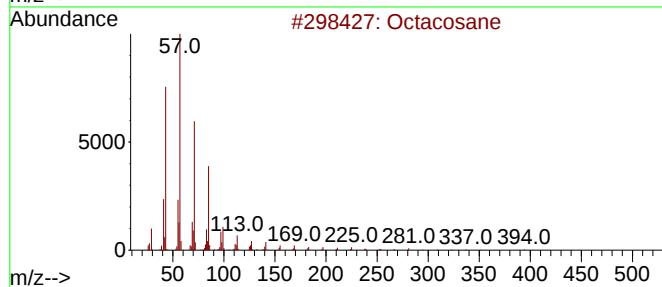
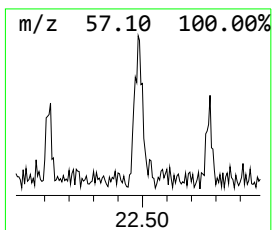
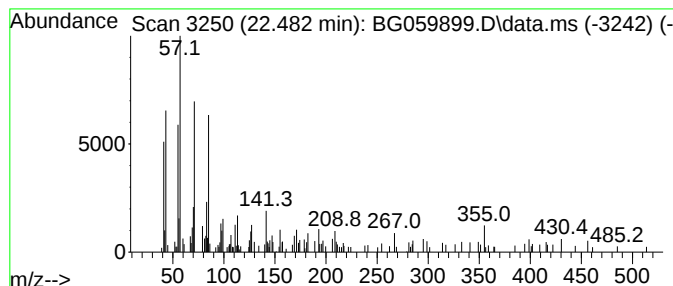
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.482	6.27 ng	147337	Chrysene-d12	22.006

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	58
2			Octadecane	254	C18H38	000593-45-3	46
3			Triacontane	422	C30H62	000638-68-6	45
4			Dotriacontane	451	C32H66	000544-85-4	38
5			Hexacosane	366	C26H54	000630-01-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059899.D
Acq On : 27 Nov 2023 12:51
Operator : MA/JU
Sample : 05425-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB20231114

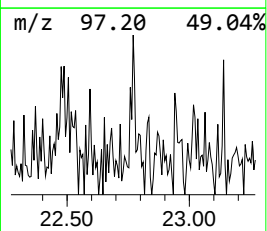
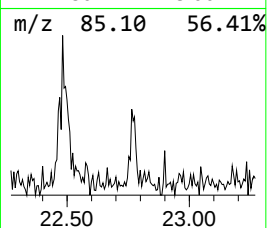
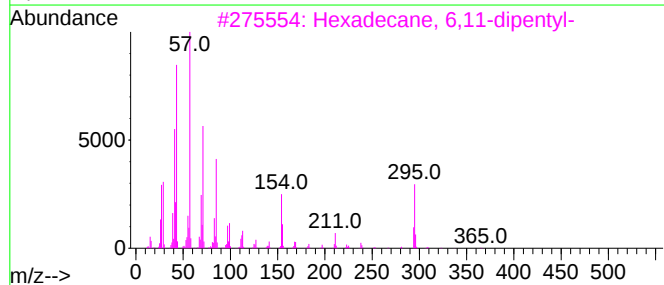
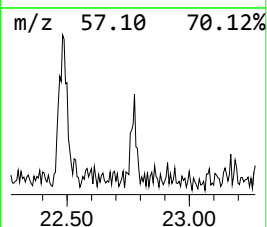
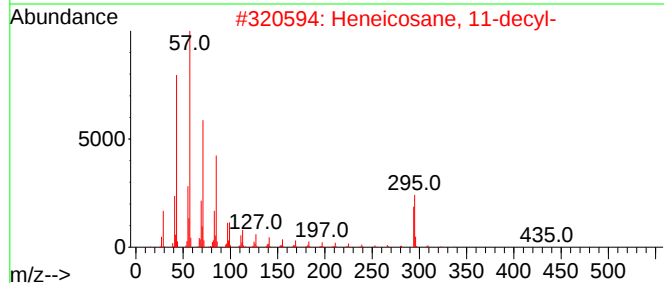
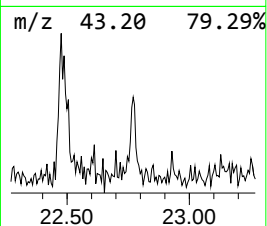
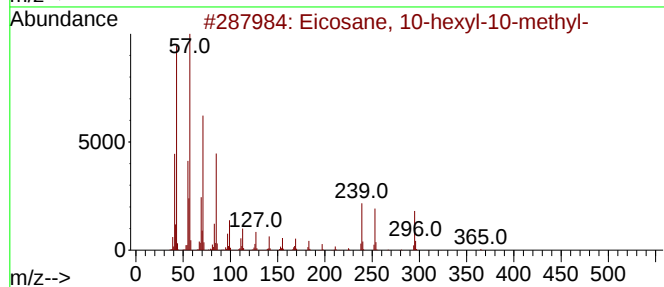
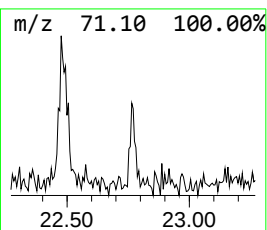
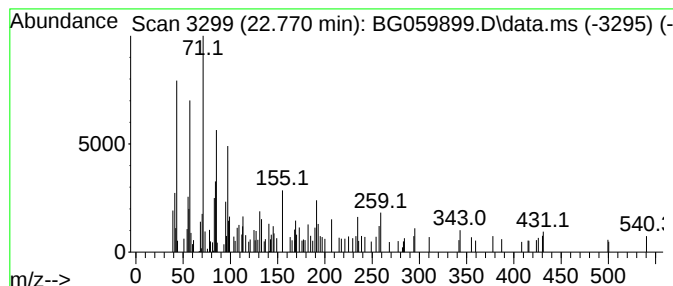
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown22.770 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.770	2.35 ng	55265	Chrysene-d12	22.006

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 10-hexyl-10-methyl-	380	C27H56	055282-32-1	38
2			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	35
3			Hexadecane, 6,11-dipentyl-	366	C26H54	015874-03-0	25
4			3,5-Ethano-3H-pyrrolo[2,3-d]carb...	354	C21H26N2O3	002122-32-9	12
5			erythro-9,10-Dibromopentacosane	508	C25H50Br2	059907-02-7	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059899.D
Acq On : 27 Nov 2023 12:51
Operator : MA/JU
Sample : 05425-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB20231114

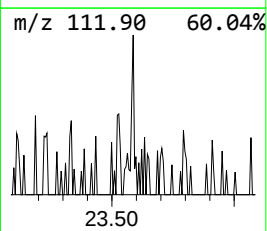
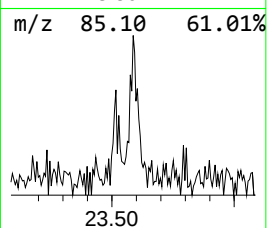
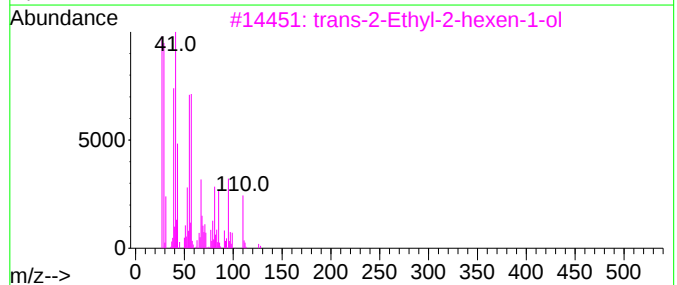
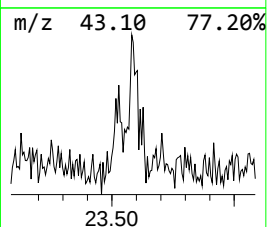
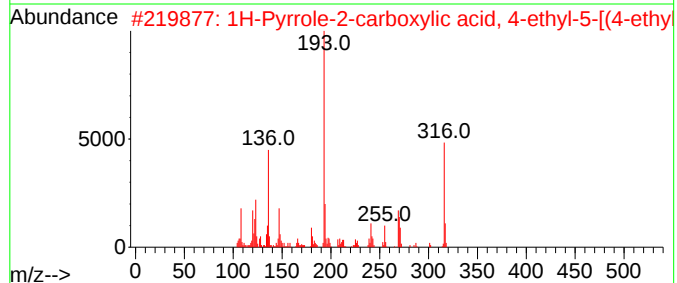
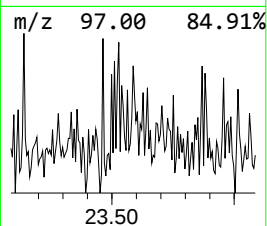
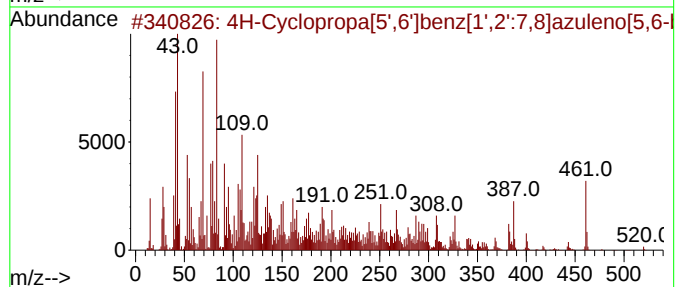
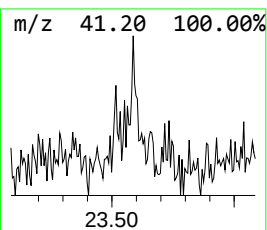
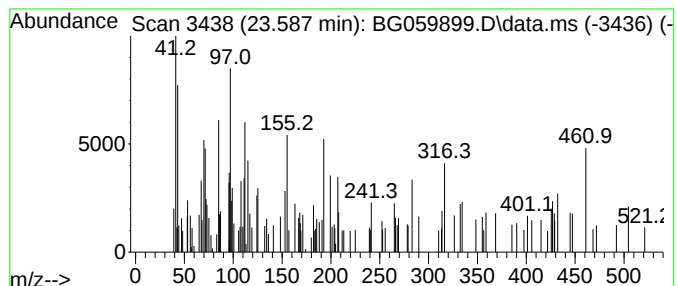
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown23.587 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.587	2.66 ng	62503	Chrysene-d12	22.006

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopropa[5',6']benz[1',2':7...	520	C27H36O10	064807-01-8	16
2			1H-Pyrrole-2-carboxylic acid, 4-...	316	C19H28N2O2	015769-97-8	9
3			trans-2-Ethyl-2-hexen-1-ol	128	C8H16O	1000139-52-3	9
4			Bis-(3,4-dimethoxyphenyl)-hydrox...	445	C24H31NO7	095805-62-2	9
5			2H-1-benzopyran-6-ol, 3,4-dihydr...	316	C21H32O2	1000397-79-6	5



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112723\
Data File : BG059899.D
Acq On : 27 Nov 2023 12:51
Operator : MA/JU
Sample : 05425-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB20231114

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.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-Pentanol, 2,3...	5.338	7.4	ng	76627	1	8.305	208220	20.0
Tridecanoic acid	18.504	19.1	ng	443386	4	17.694	464664	20.0
unknown18.933	18.933	2.3	ng	53963	4	17.694	464664	20.0
Octadecanoic acid	19.762	11.6	ng	270500	4	17.694	464664	20.0
Eicosane	19.909	6.4	ng	150853	5	22.006	470260	20.0
Docosane	20.725	7.7	ng	179971	5	22.006	470260	20.0
Nonadecane	21.548	5.3	ng	124274	5	22.006	470260	20.0
unknown22.118	22.118	2.3	ng	54775	5	22.006	470260	20.0
Octacosane	22.482	6.3	ng	147337	5	22.006	470260	20.0
unknown22.770	22.770	2.4	ng	55265	5	22.006	470260	20.0
unknown23.587	23.587	2.7	ng	62503	5	22.006	470260	20.0