

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
 Data File : BG064237.D
 Acq On : 29 Aug 2025 21:22
 Operator : RC/JU
 Sample : Q2983-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAW-25-0128

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-BG082825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064237.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.859	804	812	819	rBV	142841	241097	7.24%	1.427%
2	10.644	1279	1286	1294	rBV	212743	384721	11.55%	2.277%
3	13.100	1697	1704	1714	rBV	96165	156843	4.71%	0.928%
4	14.140	1876	1881	1886	rVB3	81650	122087	3.66%	0.723%
5	14.481	1931	1939	1944	rBV	326776	561183	16.84%	3.322%
6	14.839	1991	2000	2006	rBV5	37623	110001	3.30%	0.651%
7	15.838	2166	2170	2177	rVB2	111350	164868	4.95%	0.976%
8	15.961	2187	2191	2196	rBV4	94664	140625	4.22%	0.832%
9	16.202	2228	2232	2235	rBV	125282	182407	5.48%	1.080%
10	16.549	2287	2291	2294	rBV2	69829	110209	3.31%	0.652%
11	16.778	2326	2330	2333	rBV2	123857	170395	5.11%	1.009%
12	16.995	2363	2367	2370	rBV	234305	337077	10.12%	1.995%
13	17.219	2401	2405	2410	rBV	353251	511072	15.34%	3.025%
14	17.301	2416	2419	2424	rBV4	104060	206959	6.21%	1.225%
15	17.465	2445	2447	2454	rBV	83251	157105	4.72%	0.930%
16	17.530	2455	2458	2464	rBV2	152447	242340	7.27%	1.435%
17	17.736	2489	2493	2499	rBV	324134	581383	17.45%	3.441%
18	18.018	2537	2541	2545	rBV2	356920	655330	19.67%	3.879%
19	18.135	2557	2561	2565	rBV2	222276	350435	10.52%	2.074%
20	18.182	2566	2569	2574	rBV2	192236	290066	8.71%	1.717%
21	18.241	2576	2579	2583	rBV	313322	492723	14.79%	2.917%
22	18.435	2608	2612	2616	rBV	706456	1214270	36.45%	7.188%
23	18.682	2651	2654	2659	rBV	664926	1205981	36.20%	7.139%
24	18.899	2687	2691	2695	rBV	925830	1569675	47.12%	9.292%
25	19.069	2716	2720	2724	rBV	1324265	2197840	65.97%	13.010%
26	19.293	2754	2758	2763	rBV	1685027	3331515	100.00%	19.721%
27	19.651	2817	2819	2823	rVB	1115107	1205127	36.17%	7.134%

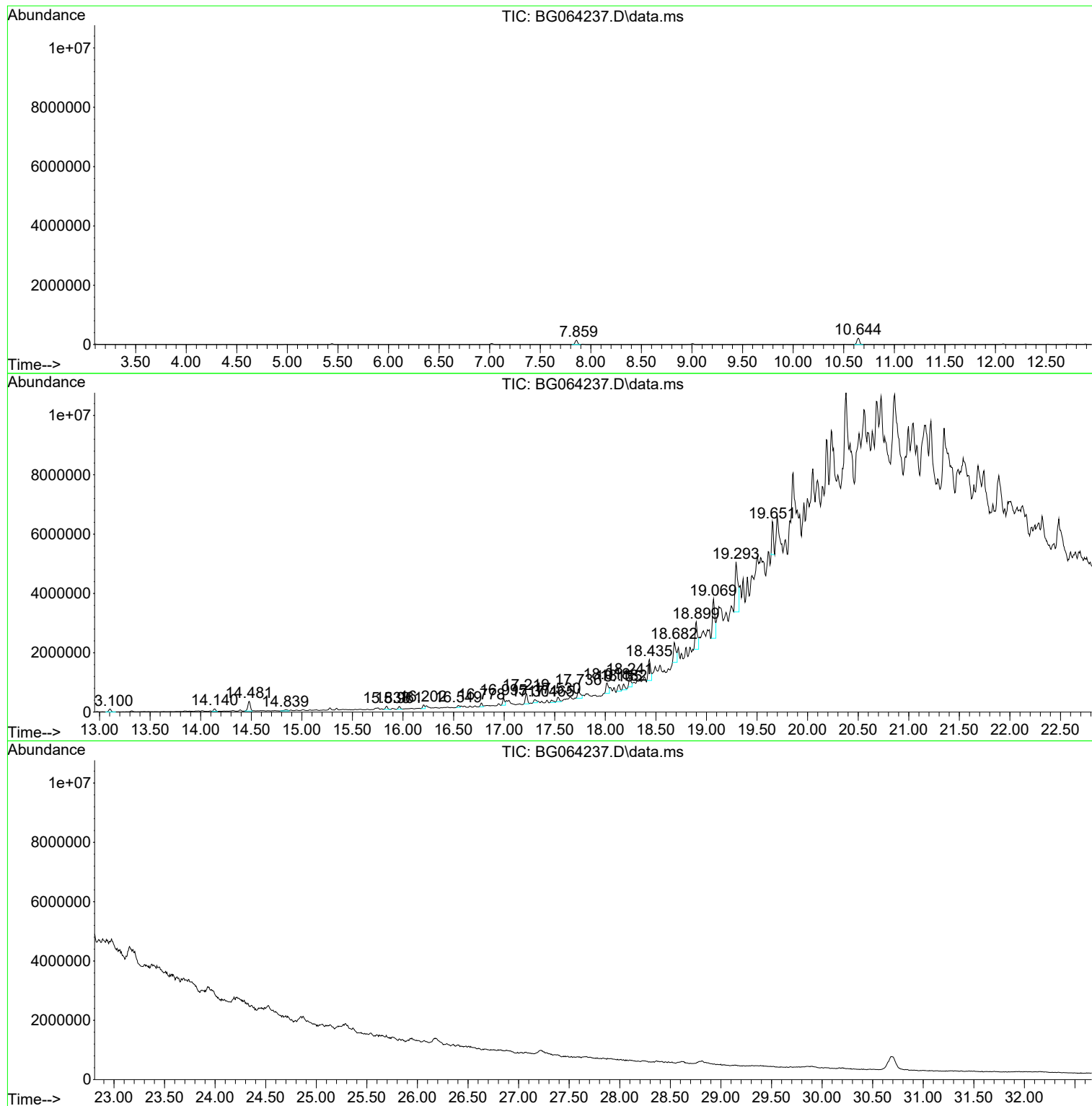
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LAW-25-0128

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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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Data File : BG064237.D
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Sample : Q2983-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

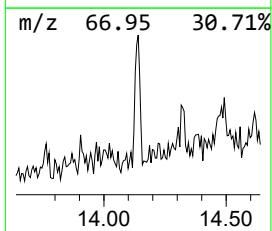
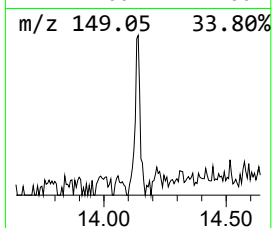
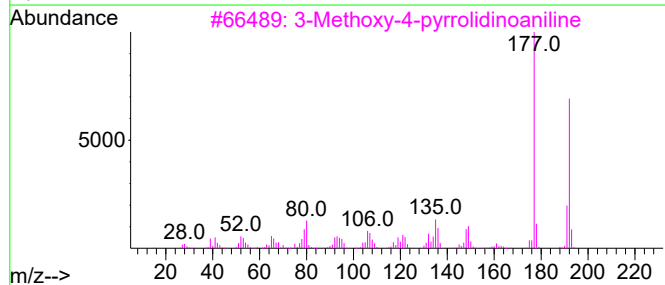
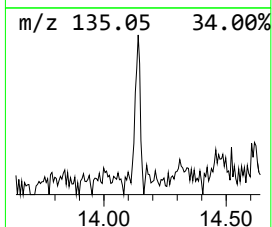
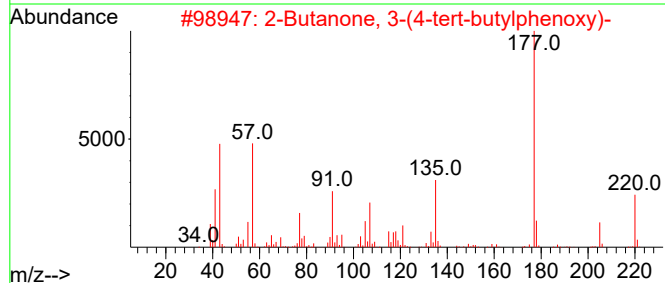
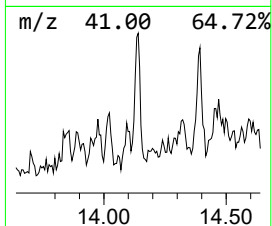
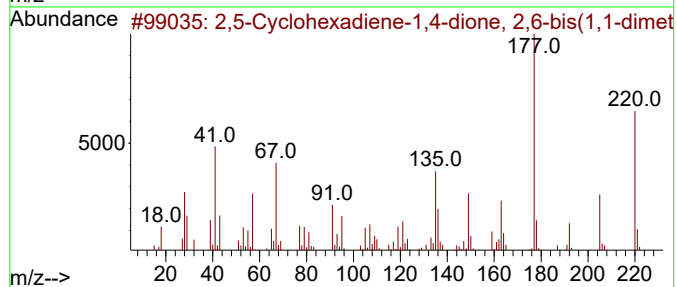
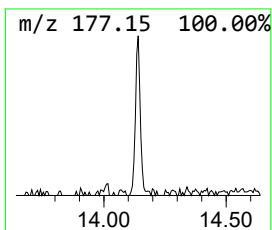
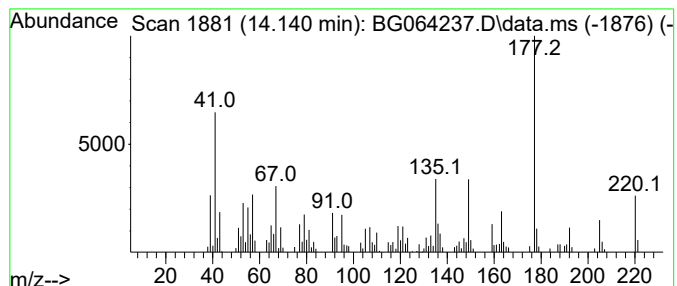
Instrument :
BNA_G
ClientSampleId :
LAW-25-0128

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.140	4.35 ng	122087	Acenaphthene-d10	14.481	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	93
2	2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	70
3	3-Methoxy-4-pyrrolidinoaniline	192	C11H16N2O	016089-42-2	52
4	2-Acetyl-3,4,5,6-tetrafluorobenz...	220	C9H4F4O2	1000461-12-2	52
5	4-tert-Butyl-2,6-dimethylphenol,...	192	C13H20O	092100-74-8	49



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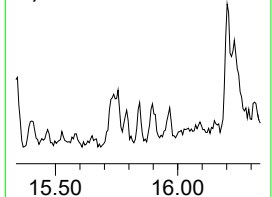
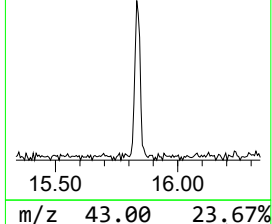
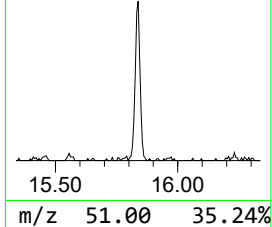
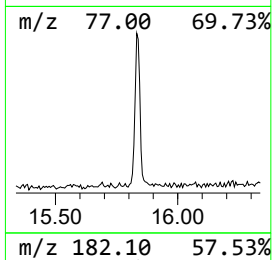
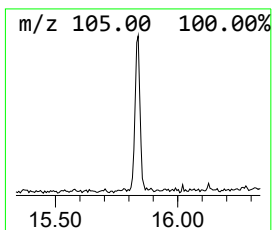
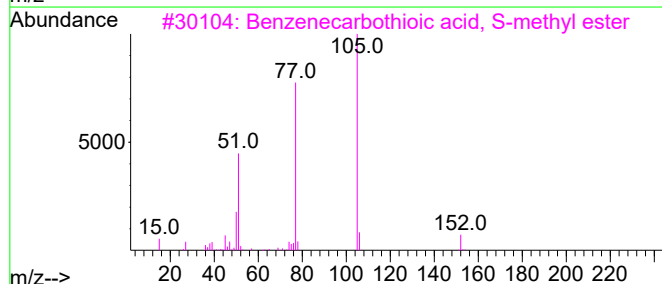
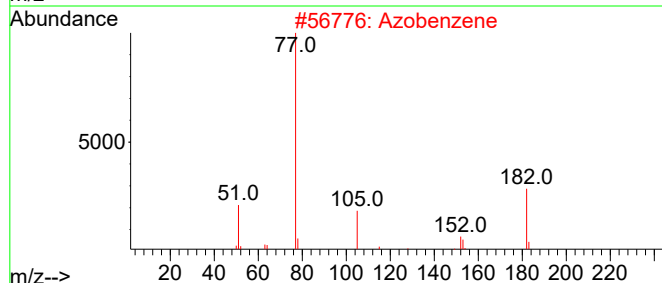
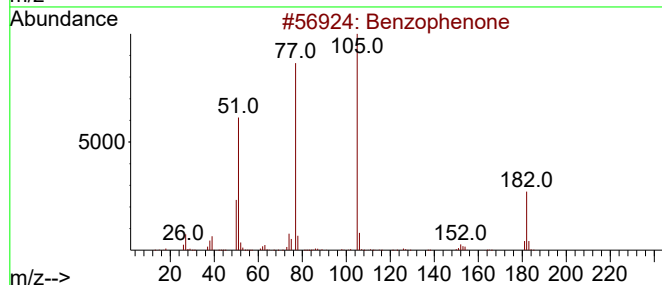
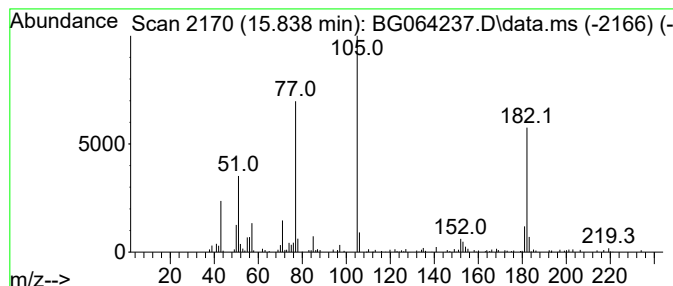
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.838	5.88 ng	164868	Acenaphthene-d10	14.481

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Azobenzene	182	C12H10N2	000103-33-3	64
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	60
4			N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	55
5			Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	46



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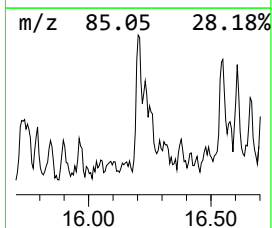
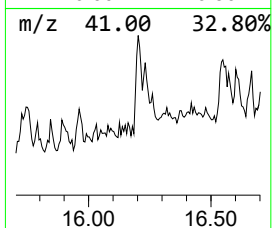
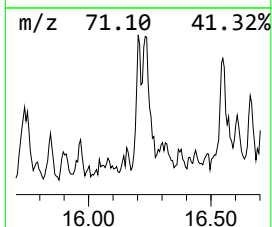
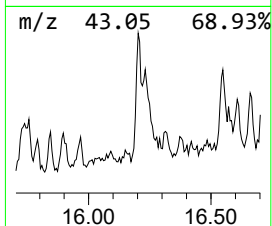
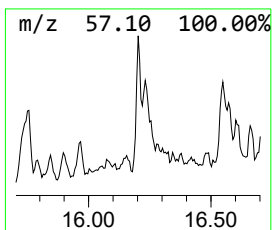
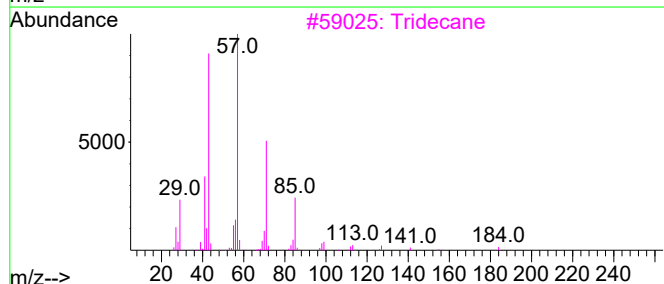
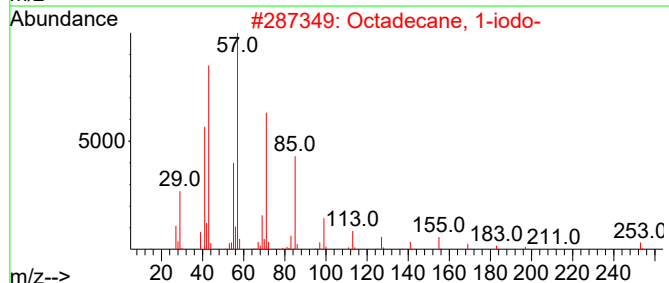
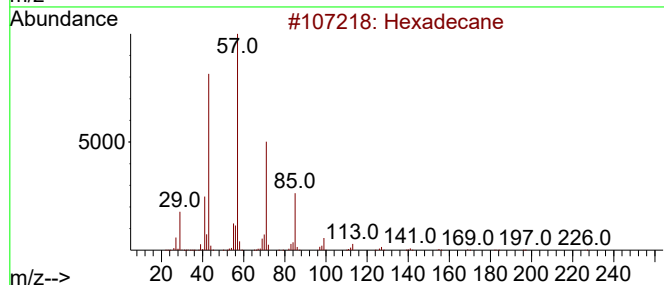
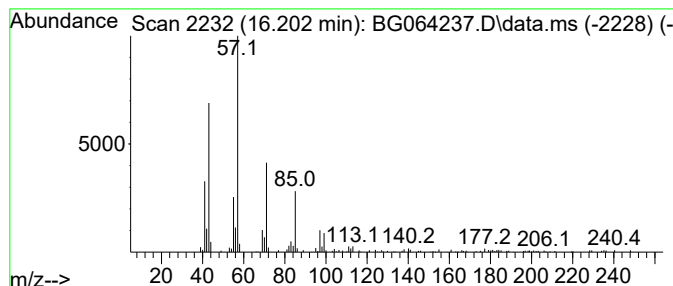
Instrument :
BNA_G
ClientSampleId :
LAW-25-0128

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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 3 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.202	7.14 ng	182407	Phenanthrene-d10	17.219	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
3	Tridecane	184	C13H28	000629-50-5	70
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	68
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64



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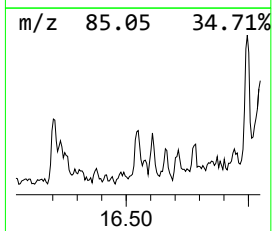
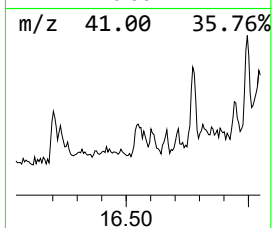
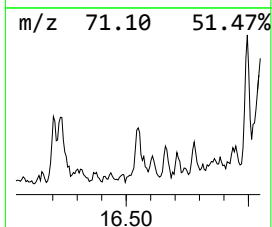
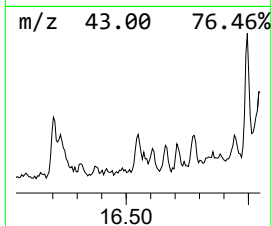
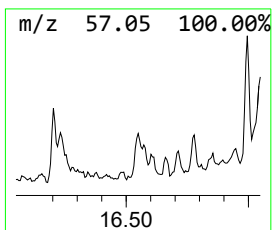
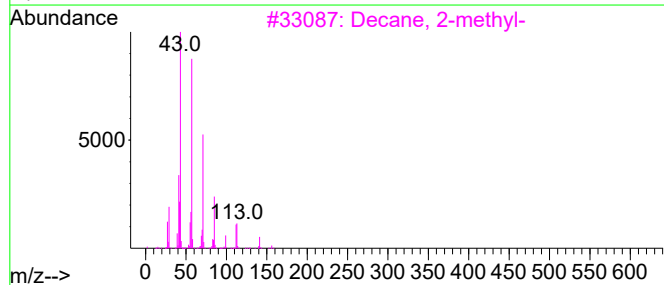
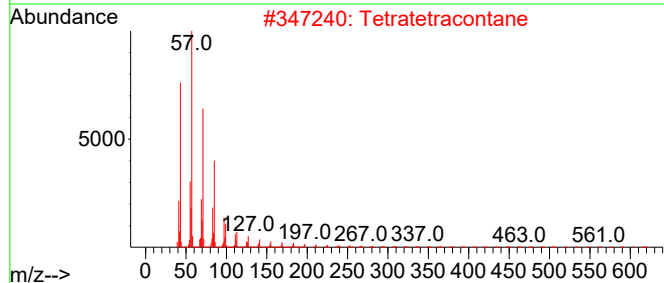
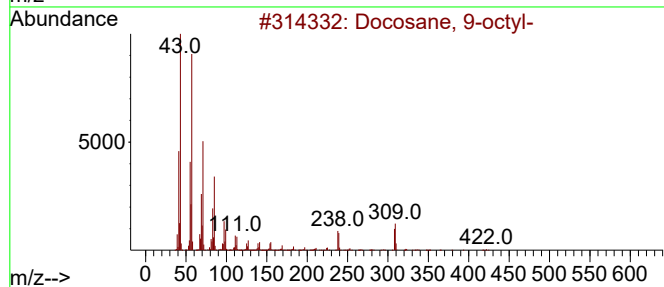
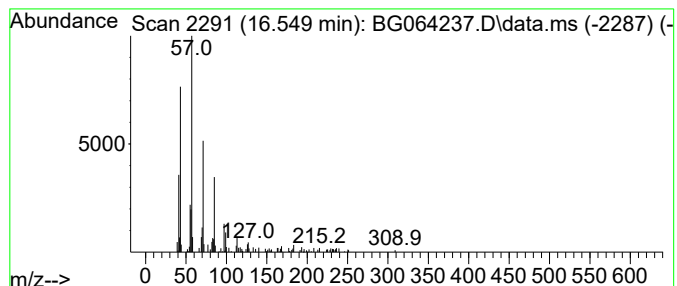
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 Docosane, 9-octyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.549	4.31 ng	110209	Phenanthrene-d10	17.219

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane, 9-octyl-	422	C30H62	055319-83-0	86
2			Tetratetracontane	619	C44H90	007098-22-8	86
3			Decane, 2-methyl-	156	C11H24	006975-98-0	80
4			Tritetracontane	605	C43H88	007098-21-7	80
5			Pentadecane	212	C15H32	000629-62-9	80



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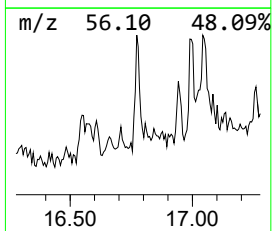
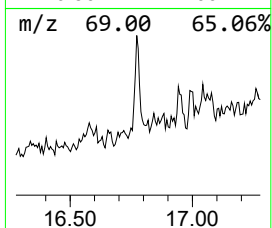
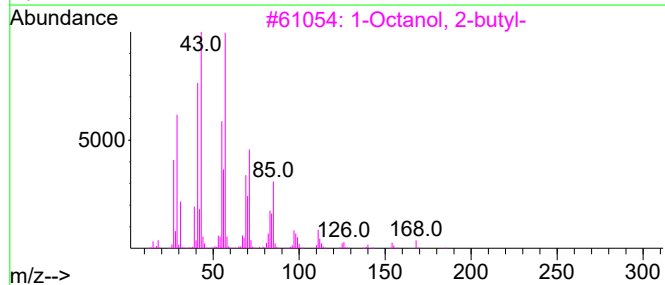
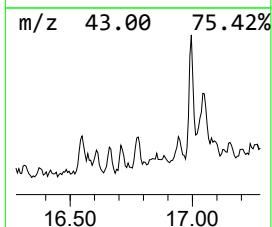
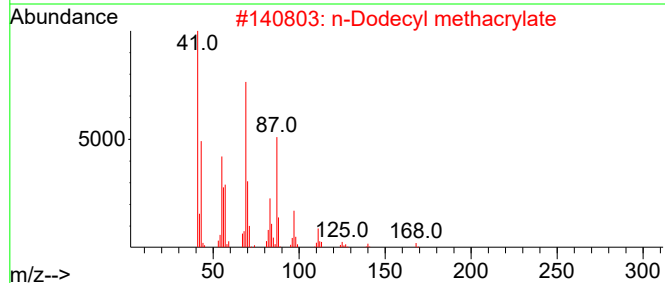
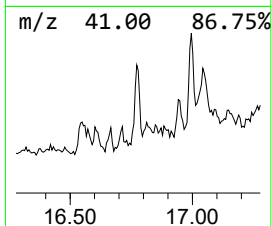
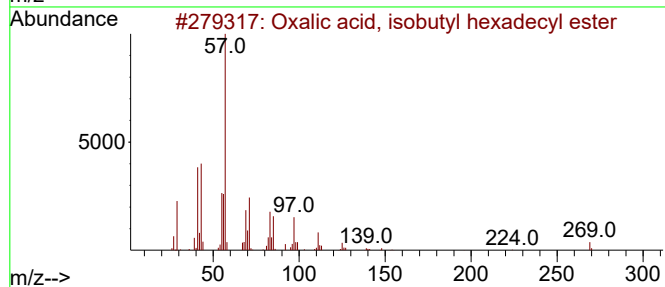
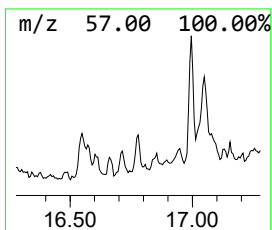
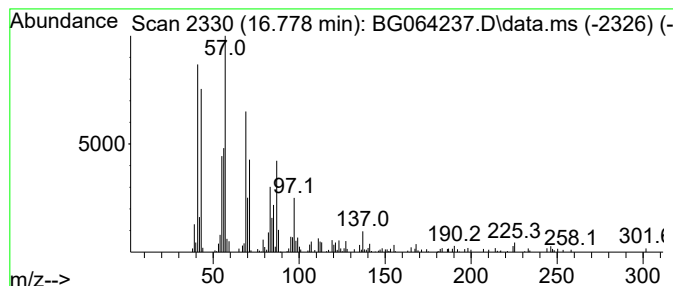
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Oxalic acid, isobutyl hexad... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.778	6.67 ng	170395	Phenanthrene-d10	17.219

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	58
2			n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	46
3			1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	46
4			1-Tetradecene	196	C14H28	001120-36-1	42
5			Cetene	224	C16H32	000629-73-2	38



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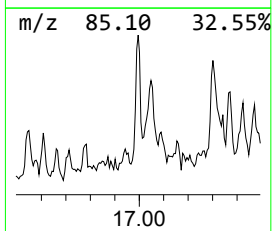
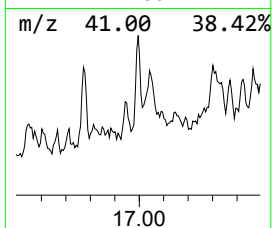
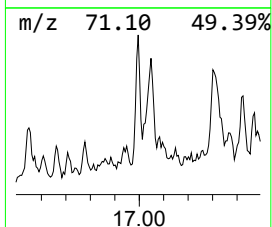
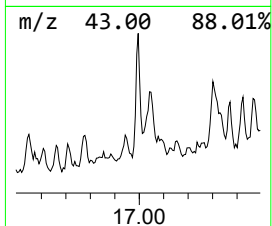
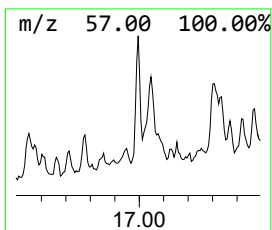
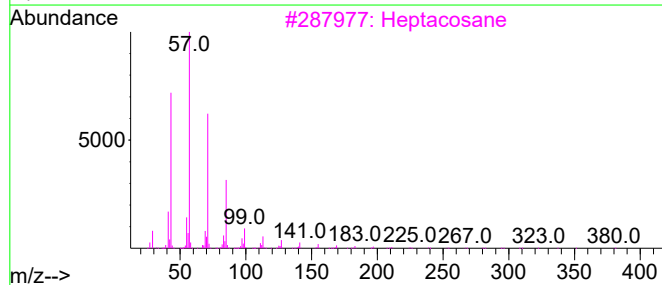
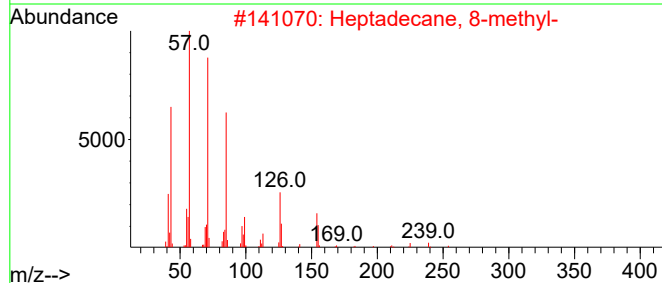
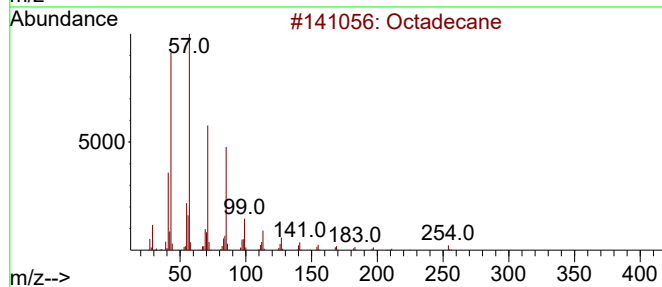
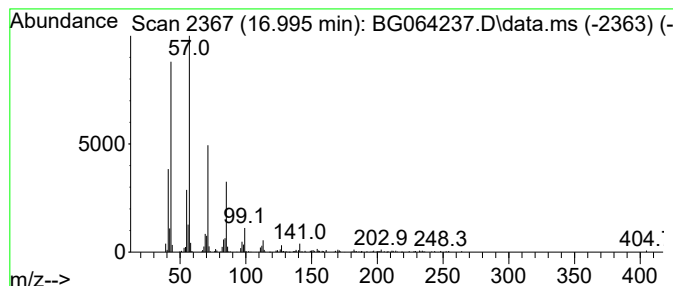
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ClientSampleId :
LAW-25-0128

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.995	13.19 ng	337077	Phenanthrene-d10		17.219	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	93
2	Heptadecane, 8-methyl-		254	C18H38	013287-23-5	90
3	Heptacosane		380	C27H56	000593-49-7	87
4	Heptadecane		240	C17H36	000629-78-7	86
5	Eicosane		282	C20H42	000112-95-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064237.D
Acq On : 29 Aug 2025 21:22
Operator : RC/JU
Sample : Q2983-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

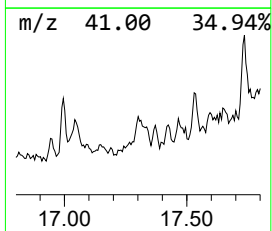
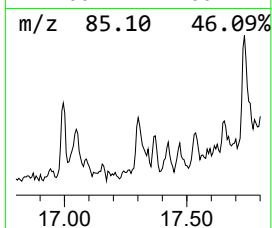
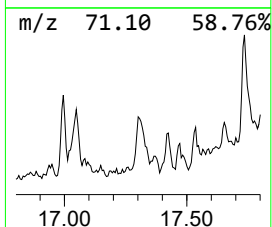
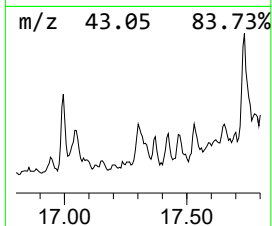
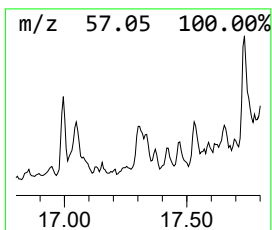
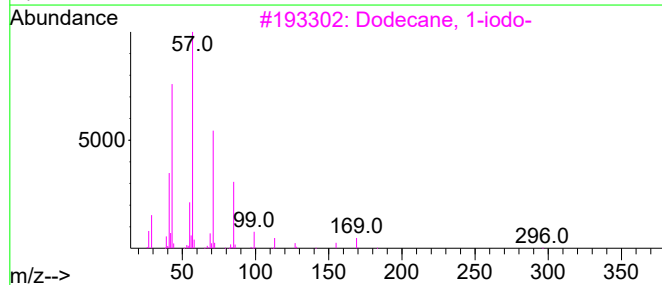
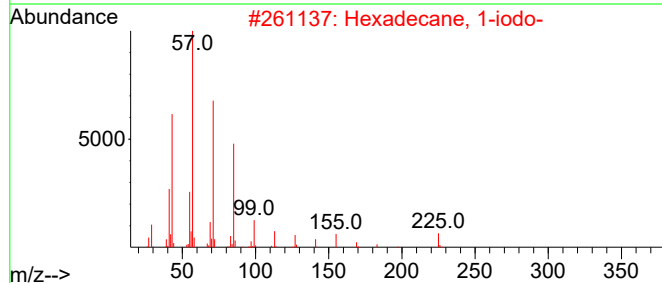
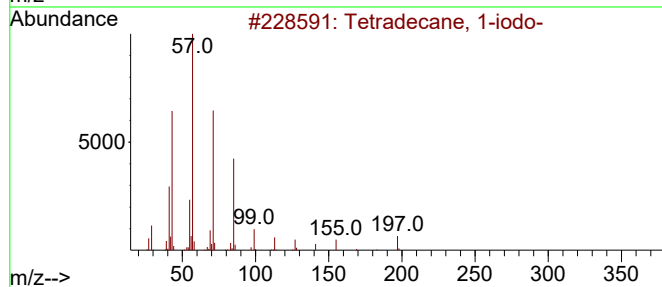
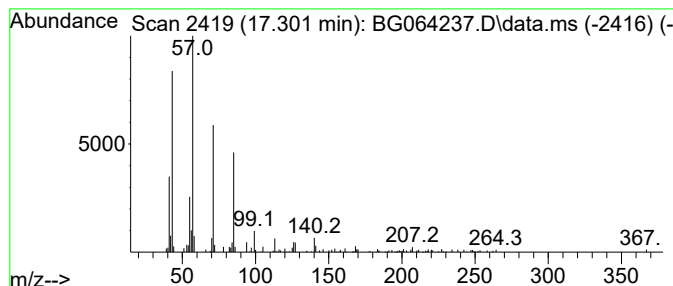
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.301	8.10 ng	206959	Phenanthrene-d10	17.219	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064237.D
Acq On : 29 Aug 2025 21:22
Operator : RC/JU
Sample : Q2983-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LAW-25-0128

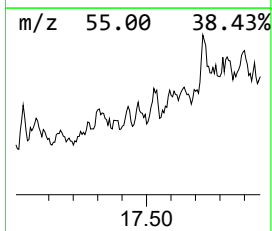
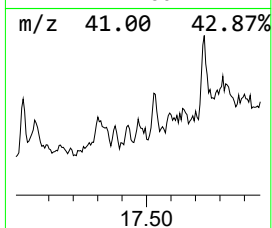
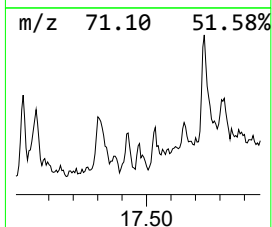
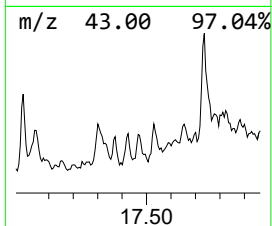
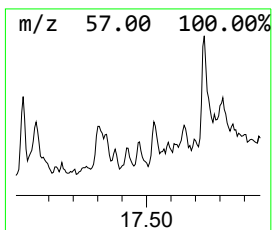
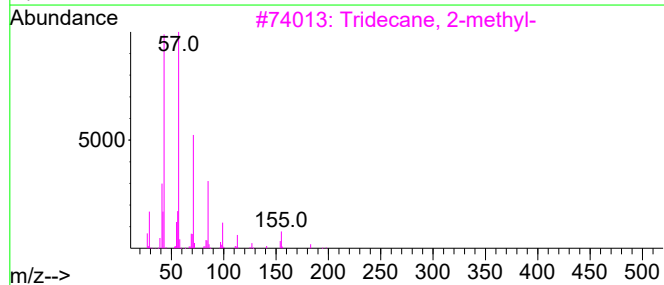
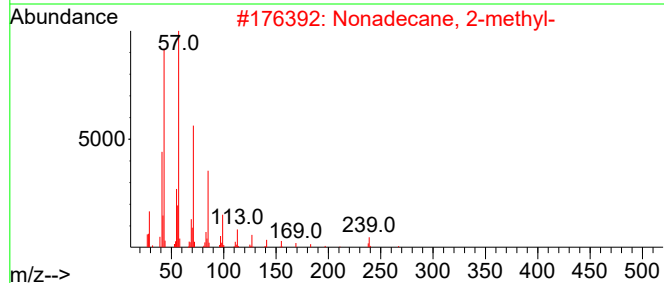
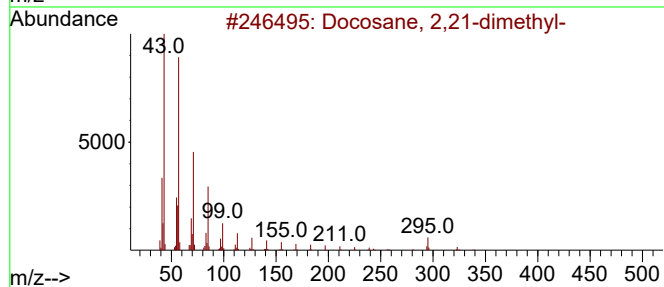
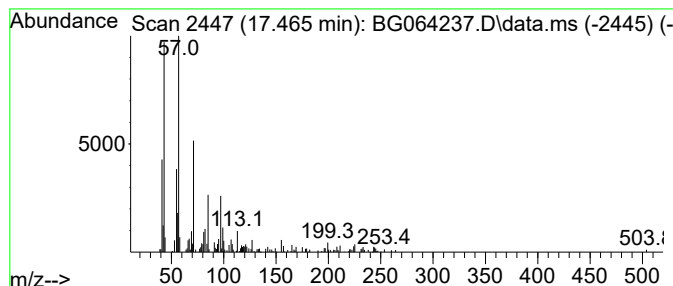
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Docosane, 2,21-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.465	6.15 ng	157105	Phenanthrene-d10	17.219

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane, 2,21-dimethyl-	338	C24H50	077536-31-3	72
2			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
3			Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
4			Eicosane, 2-methyl-	296	C21H44	001560-84-5	64
5			Eicosane	282	C20H42	000112-95-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064237.D
Acq On : 29 Aug 2025 21:22
Operator : RC/JU
Sample : Q2983-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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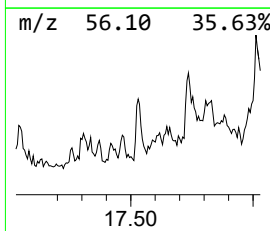
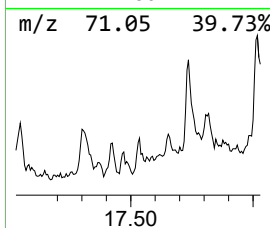
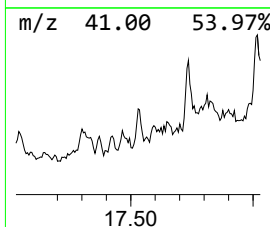
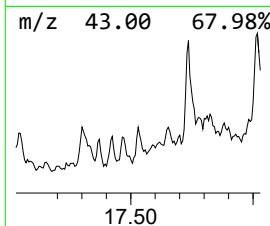
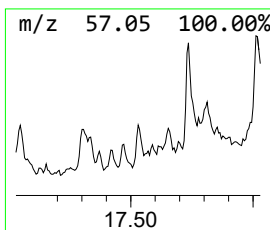
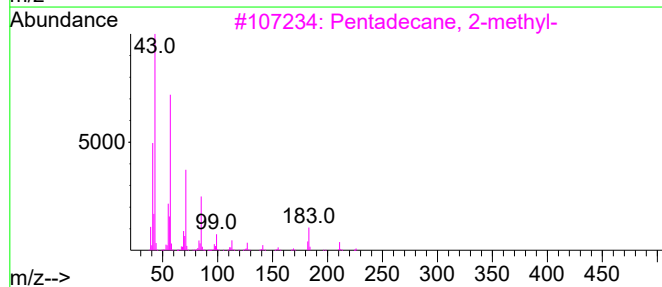
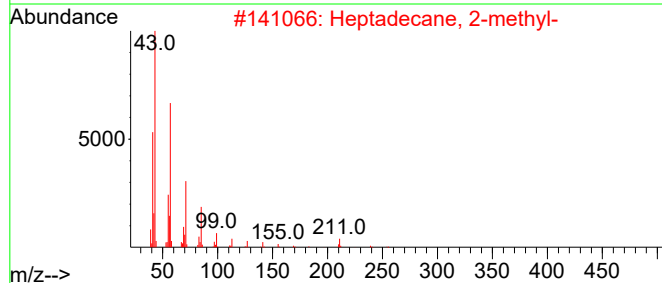
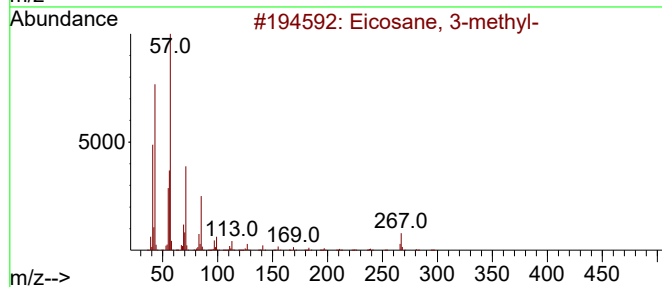
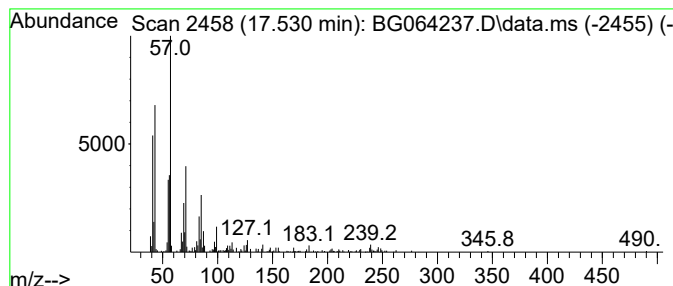
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.530	9.48 ng	242340	Phenanthrene-d10	17.219

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane, 3-methyl-	296	C21H44	006418-46-8	83
2			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	76
3			Pentadecane, 2-methyl-	226	C16H34	001560-93-6	76
4			Pentadecane, 6-methyl-	226	C16H34	010105-38-1	76
5			Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
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Sample : Q2983-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

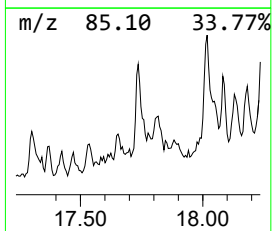
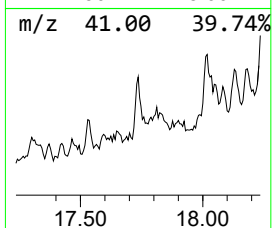
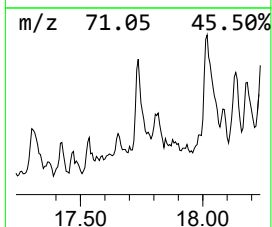
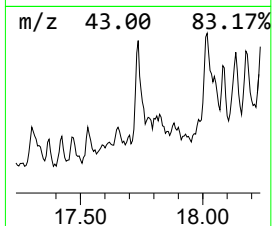
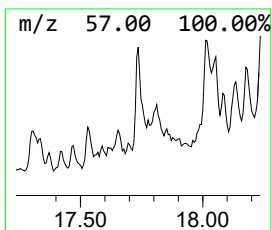
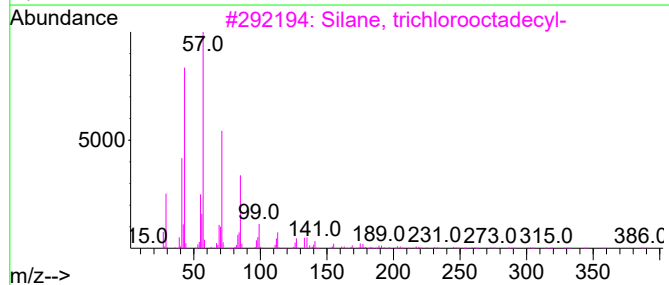
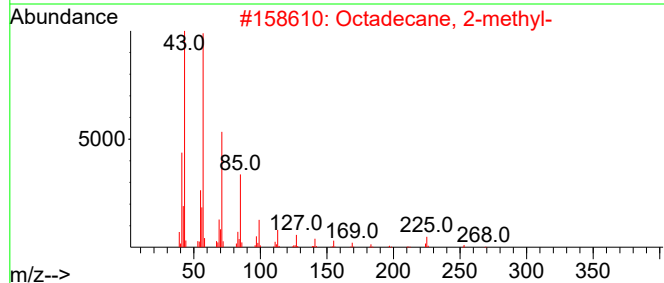
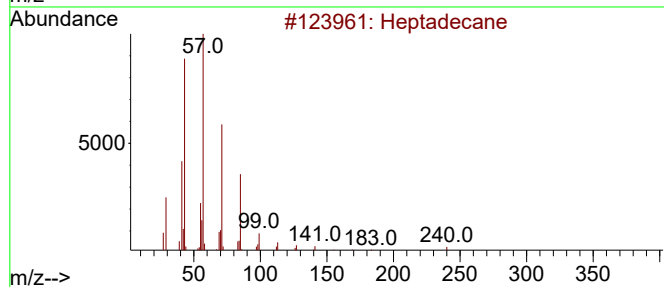
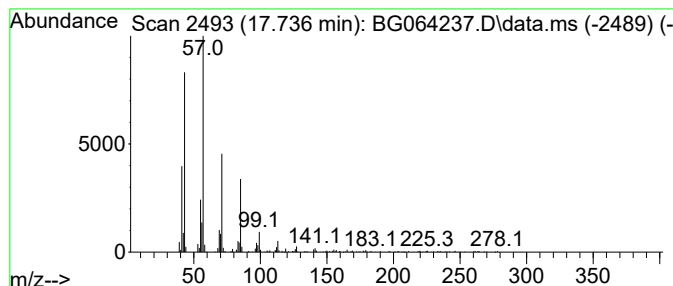
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.736	22.75 ng	581383	Phenanthrene-d10		17.219	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	90
2	Octadecane, 2-methyl-		268	C19H40	001560-88-9	90
3	Silane, trichlorooctadecyl-		386	C18H37Cl3Si	000112-04-9	90
4	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86
5	Pentadecane		212	C15H32	000629-62-9	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064237.D
Acq On : 29 Aug 2025 21:22
Operator : RC/JU
Sample : Q2983-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LAW-25-0128

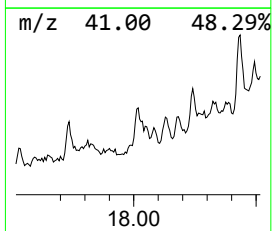
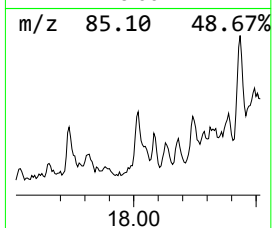
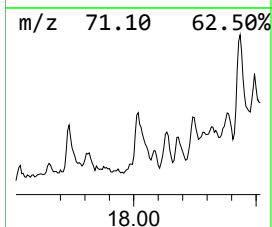
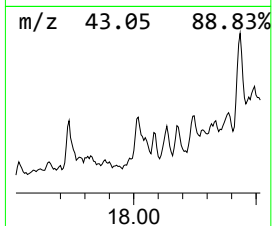
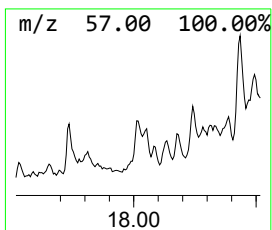
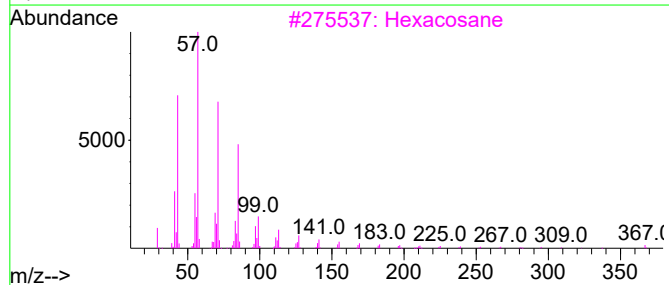
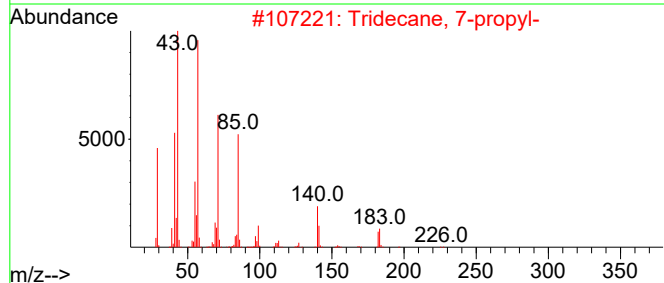
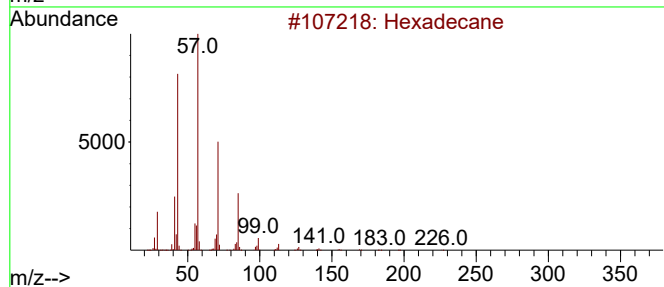
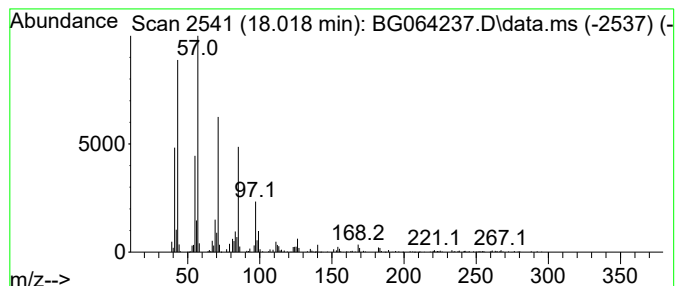
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane, 7-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.018	25.65 ng	655330	Phenanthrene-d10	17.219

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tridecane, 7-propyl-	226	C16H34	055045-09-5	89
3			Hexacosane	366	C26H54	000630-01-3	72
4			9-methylheptadecane	254	C18H38	026741-18-4	72
5			Octacosane	394	C28H58	000630-02-4	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064237.D
Acq On : 29 Aug 2025 21:22
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LAW-25-0128

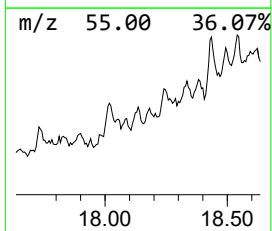
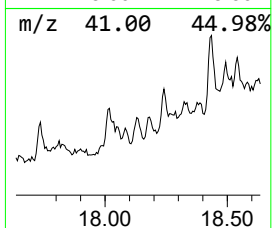
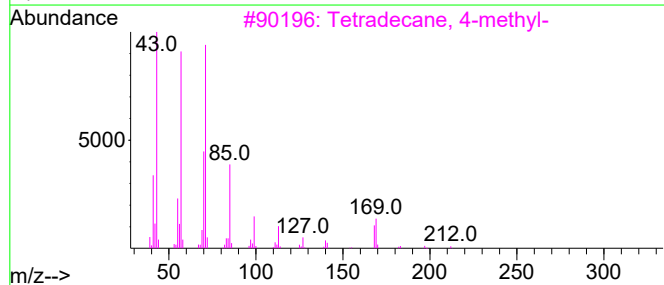
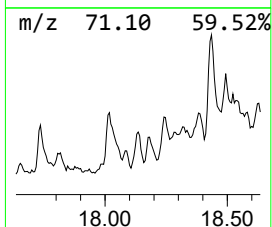
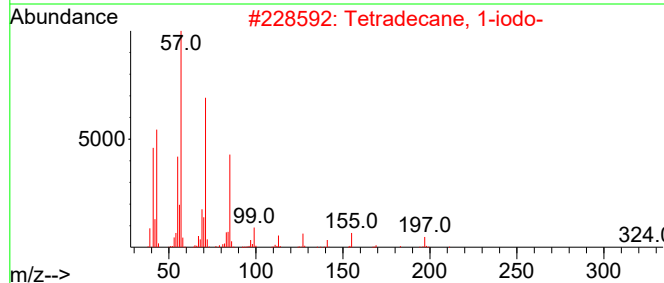
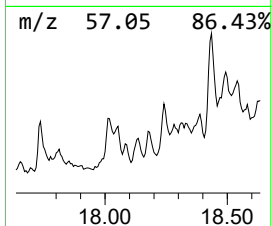
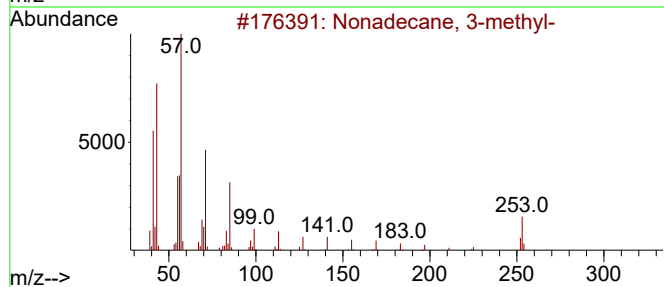
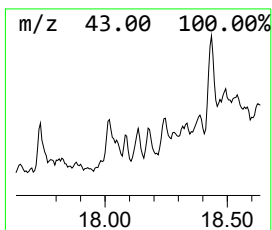
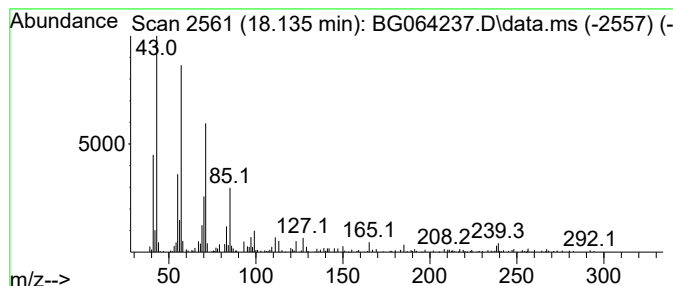
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.135	13.71 ng	350435	Phenanthrene-d10	17.219

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 3-methyl-	282	C20H42	006418-45-7	74
2			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
3			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	72
4			Heptadecane, 4-methyl-	254	C18H38	026429-11-8	72
5			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064237.D
Acq On : 29 Aug 2025 21:22
Operator : RC/JU
Sample : Q2983-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

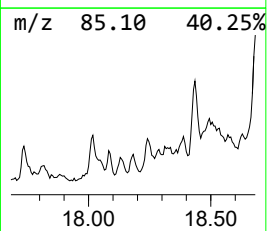
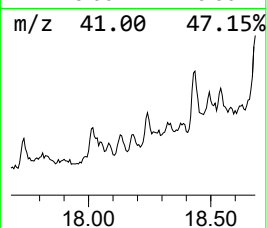
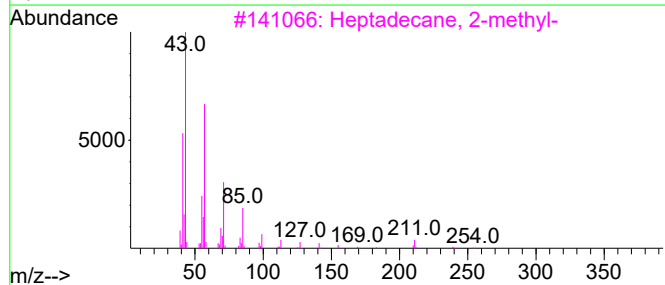
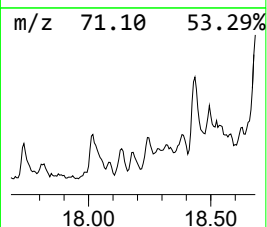
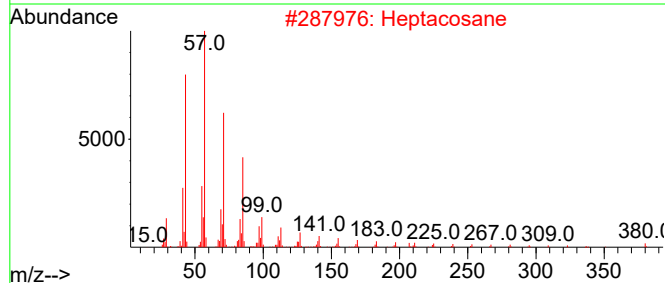
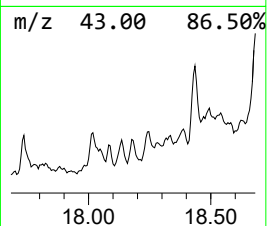
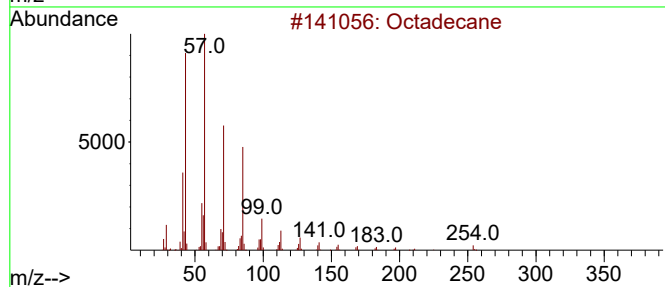
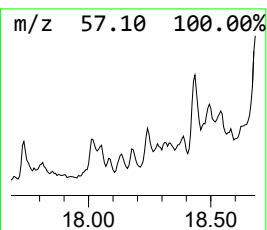
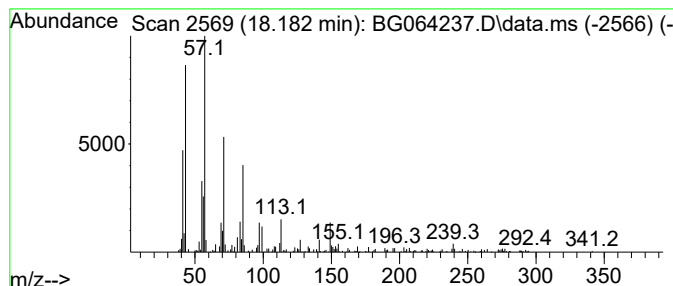
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ClientSampleId :
LAW-25-0128

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.182	11.35 ng	290066	Phenanthrene-d10		17.219	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	93
2	Heptacosane		380	C27H56	000593-49-7	87
3	Heptadecane, 2-methyl-		254	C18H38	001560-89-0	87
4	Octacosane, 2-methyl-		408	C29H60	001560-98-1	83
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064237.D
Acq On : 29 Aug 2025 21:22
Operator : RC/JU
Sample : Q2983-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

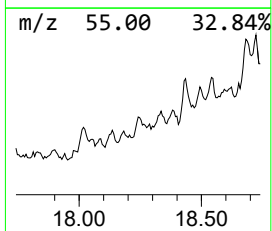
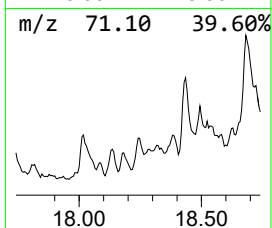
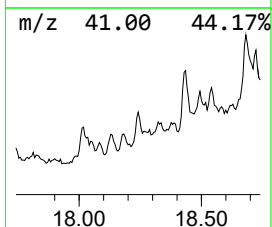
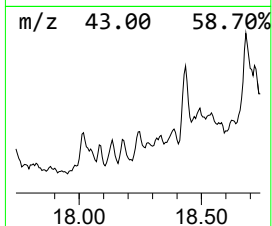
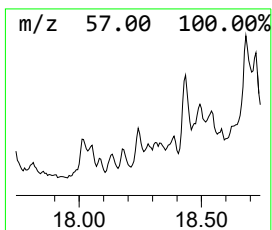
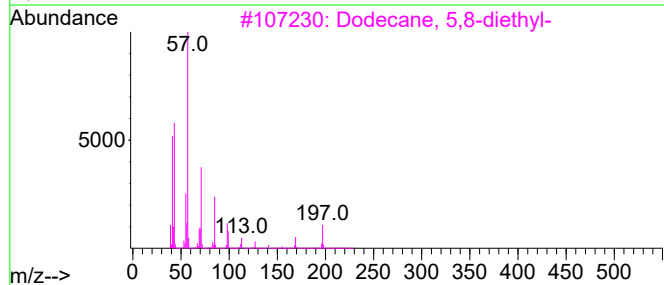
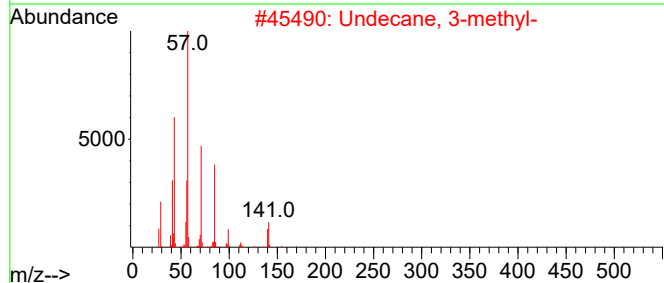
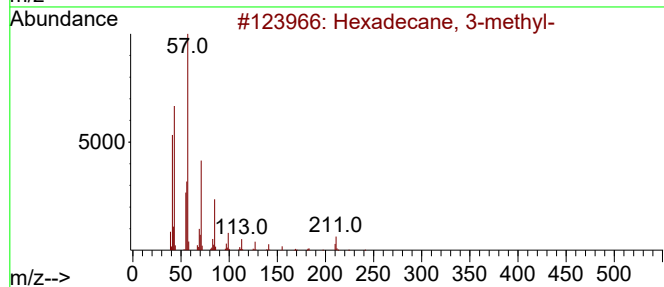
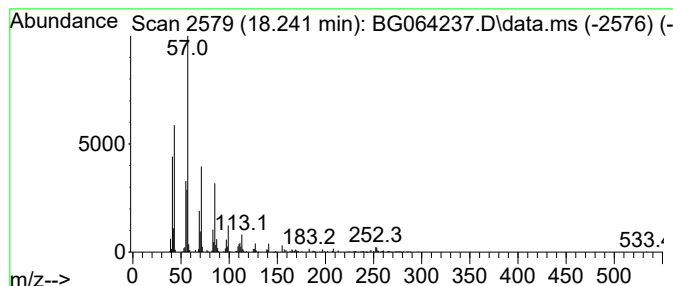
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.241	19.28 ng	492723	Phenanthrene-d10		17.219	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane, 3-methyl-		240	C17H36	006418-43-5	90
2	Undecane, 3-methyl-		170	C12H26	001002-43-3	83
3	Dodecane, 5,8-diethyl-		226	C16H34	024251-86-3	83
4	Eicosane		282	C20H42	000112-95-8	72
5	Heptadecane, 2-methyl-		254	C18H38	001560-89-0	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064237.D
Acq On : 29 Aug 2025 21:22
Operator : RC/JU
Sample : Q2983-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

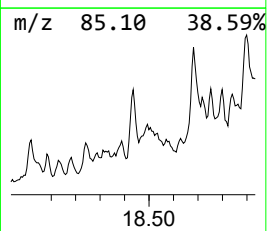
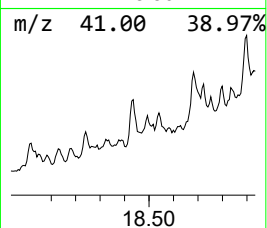
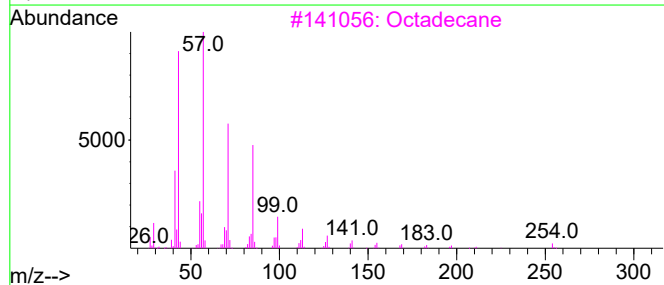
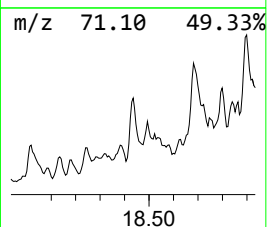
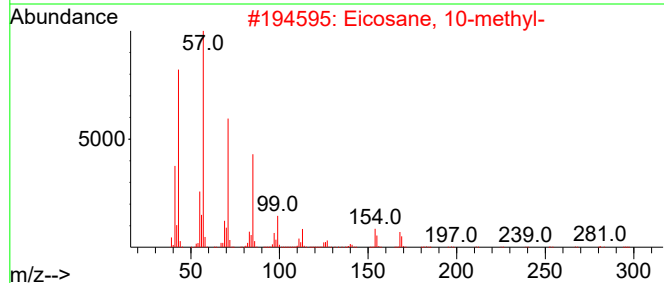
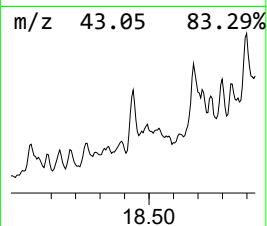
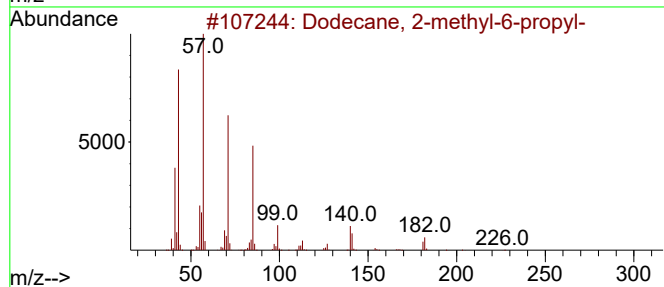
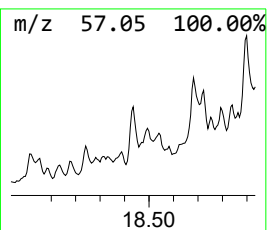
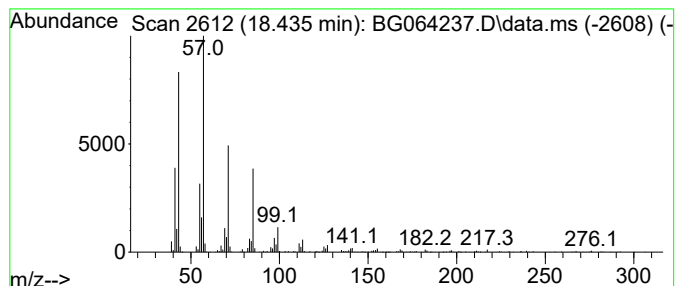
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ClientSampleId :
LAW-25-0128

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 2-methyl-6-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.435	47.52 ng	1214270	Phenanthrene-d10		17.219	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	93
2	Eicosane, 10-methyl-		296	C21H44	054833-23-7	91
3	Octadecane		254	C18H38	000593-45-3	91
4	Tridecane, 6-propyl-		226	C16H34	055045-10-8	86
5	Undecane, 2,3-dimethyl-		184	C13H28	017312-77-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064237.D
Acq On : 29 Aug 2025 21:22
Operator : RC/JU
Sample : Q2983-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LAW-25-0128

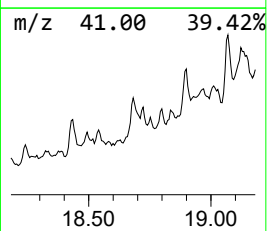
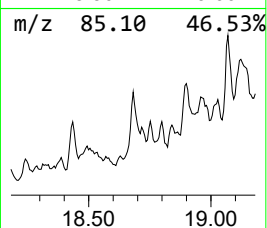
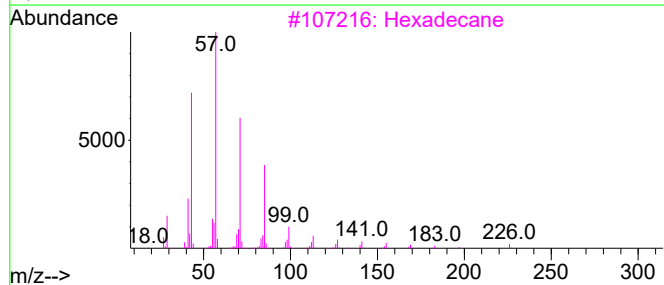
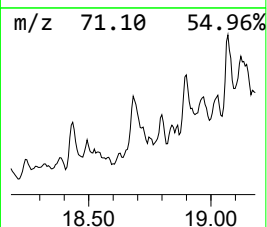
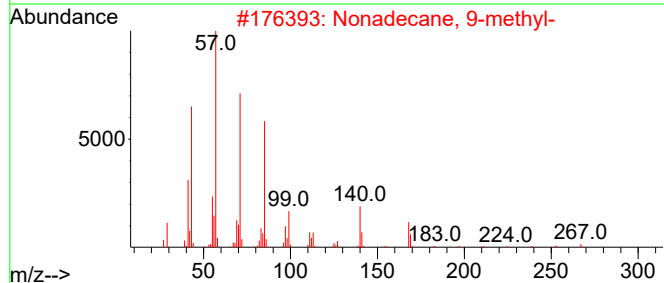
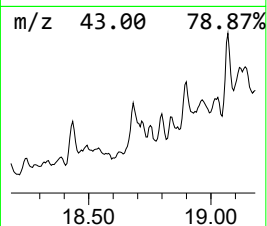
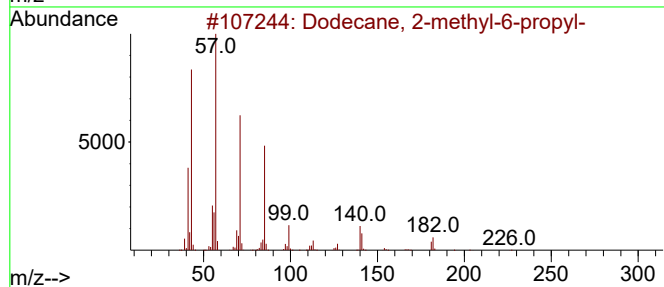
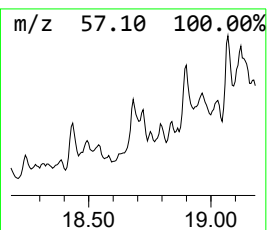
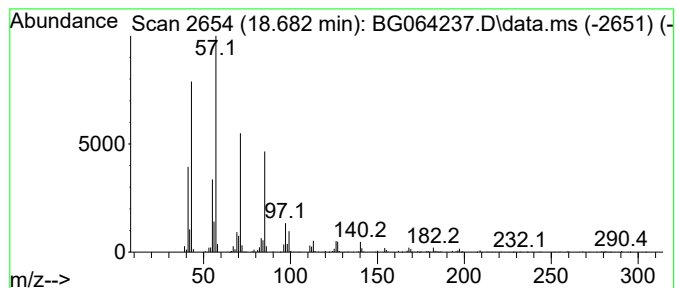
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.682	47.19 ng	1205980	Phenanthrene-d10	17.219

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
3			Hexadecane	226	C16H34	000544-76-3	86
4			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83
5			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064237.D
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Sample : Q2983-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

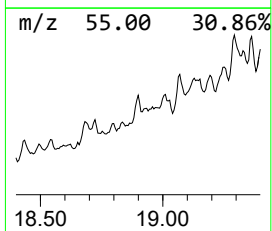
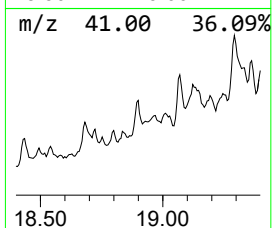
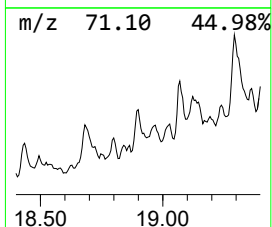
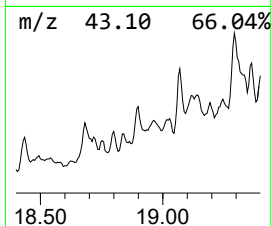
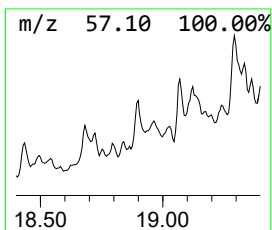
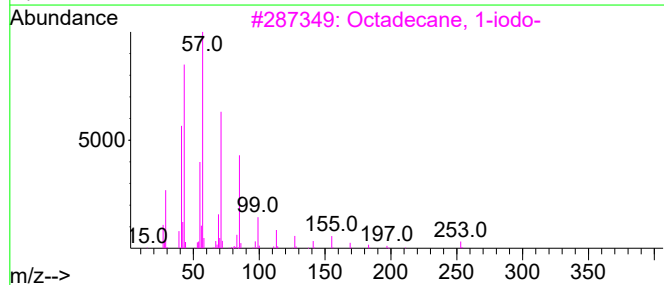
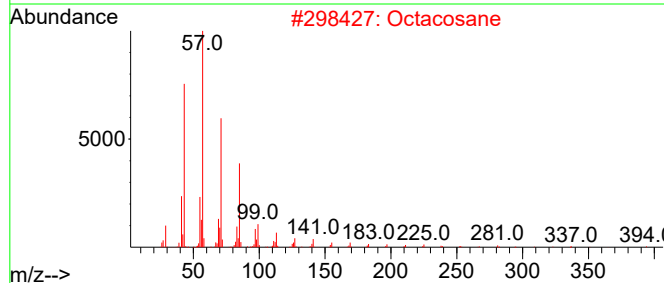
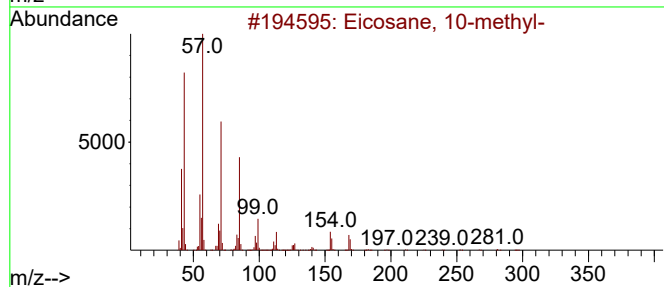
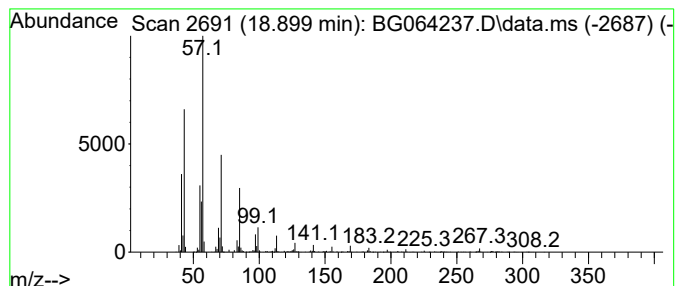
Instrument :
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ClientSampleId :
LAW-25-0128

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosane, 10-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.899	61.43 ng	1569680	Phenanthrene-d10		17.219	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-		296	C21H44	054833-23-7	91
2	Octacosane		394	C28H58	000630-02-4	87
3	Octadecane, 1-iodo-		380	C18H37I	000629-93-6	83
4	Undecane, 2,10-dimethyl-		184	C13H28	017301-27-8	83
5	Heptadecane, 2-methyl-		254	C18H38	001560-89-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064237.D
Acq On : 29 Aug 2025 21:22
Operator : RC/JU
Sample : Q2983-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

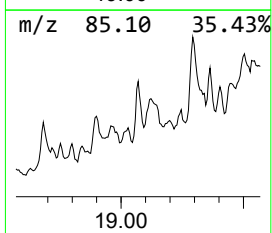
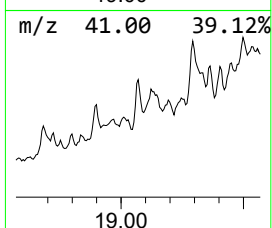
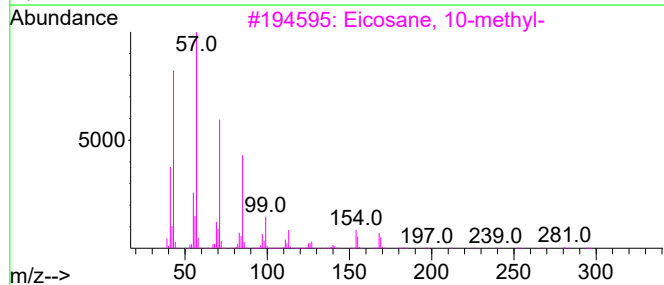
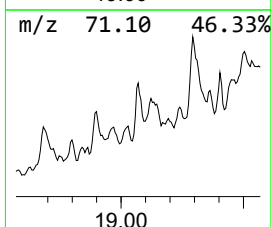
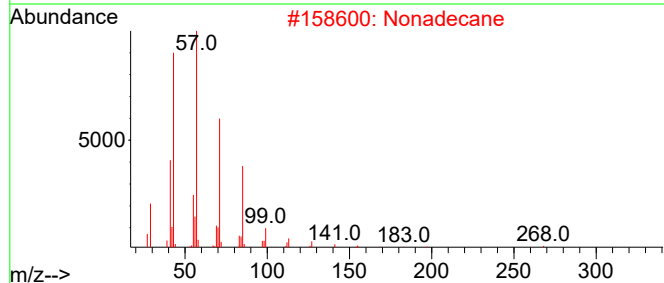
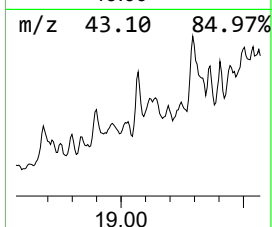
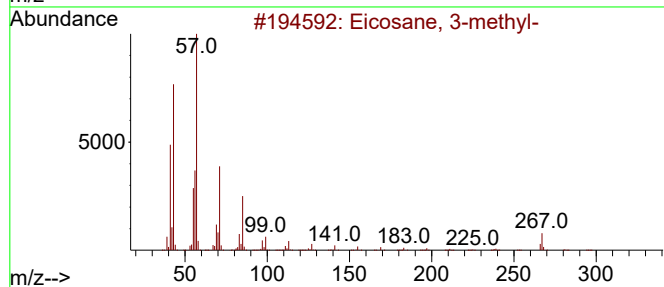
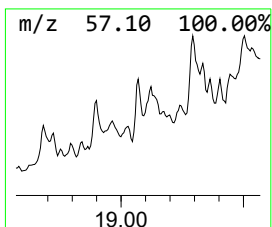
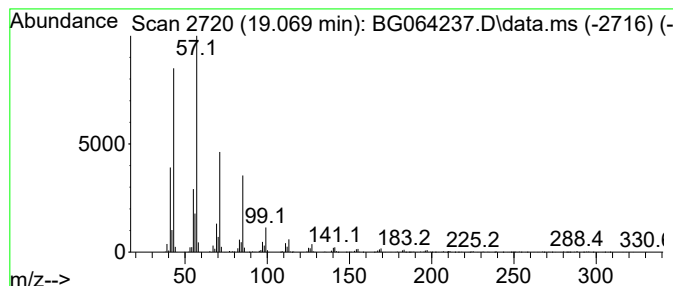
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.070	86.01 ng	2197840	Phenanthrene-d10		17.219	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Eicosane, 3-methyl-		296	C21H44	006418-46-8	94
2	Nonadecane		268	C19H40	000629-92-5	91
3	Eicosane, 10-methyl-		296	C21H44	054833-23-7	90
4	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	90
5	Heptadecane, 2-methyl-		254	C18H38	001560-89-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064237.D
Acq On : 29 Aug 2025 21:22
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Sample : Q2983-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

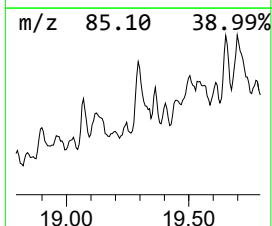
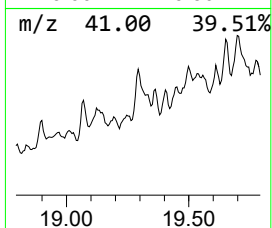
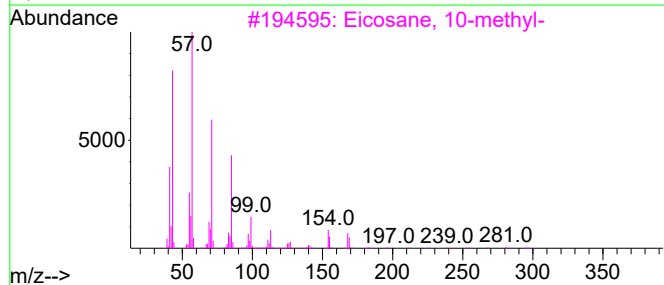
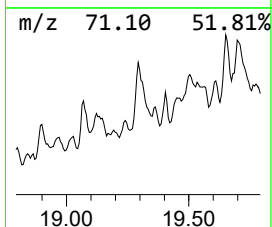
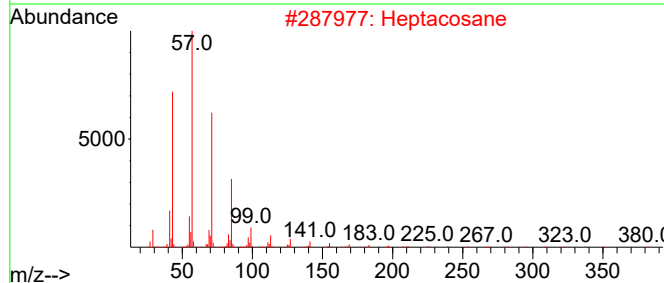
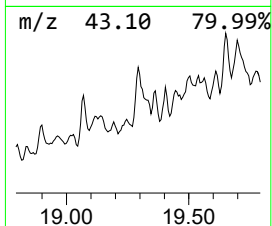
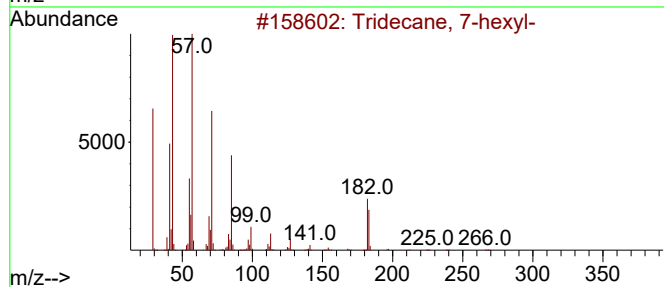
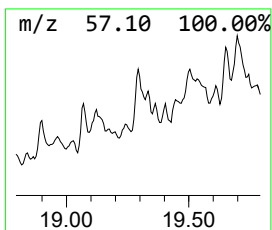
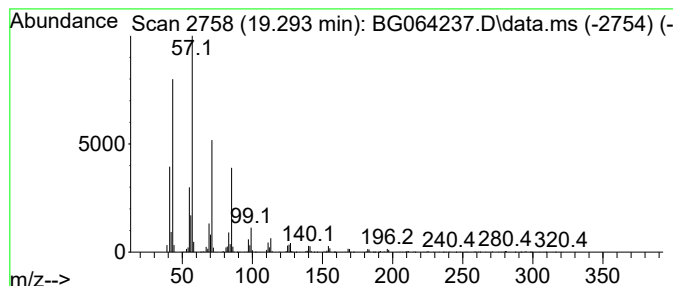
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 7-hexyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.293	130.37 ng	3331520	Phenanthrene-d10	17.219	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	96
2	Heptacosane	380	C27H56	000593-49-7	90
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
4	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	86
5	Hexacosane	366	C26H54	000630-01-3	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064237.D
Acq On : 29 Aug 2025 21:22
Operator : RC/JU
Sample : Q2983-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

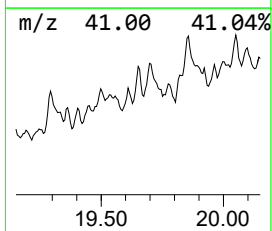
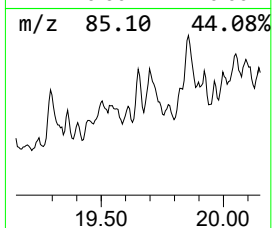
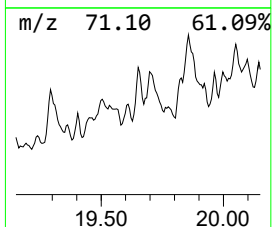
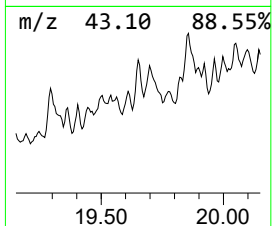
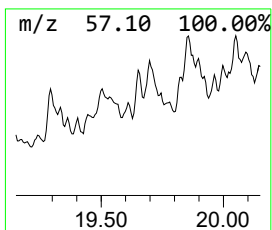
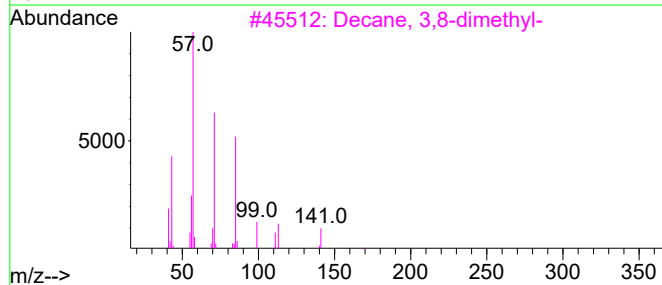
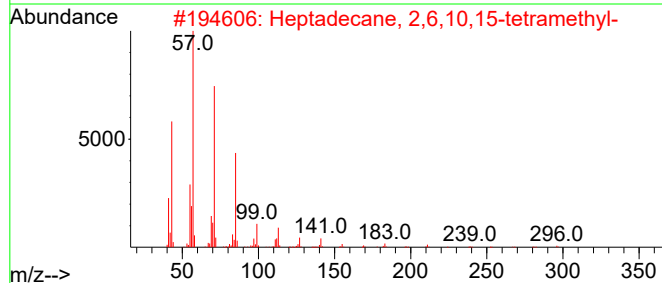
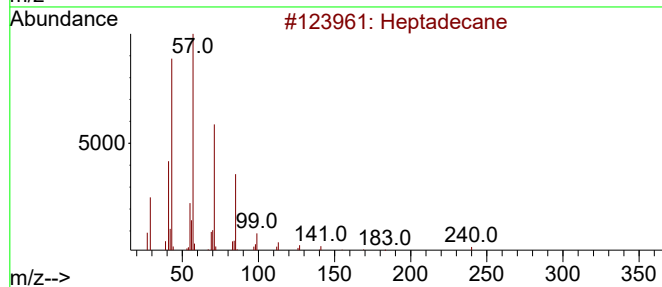
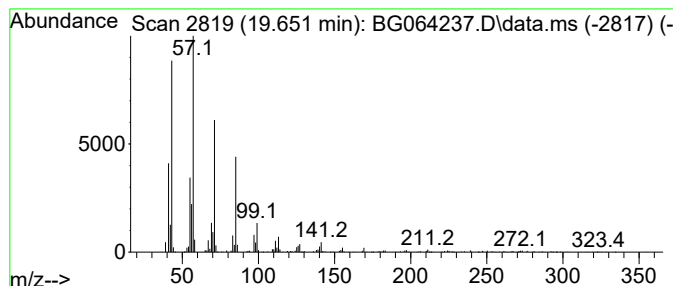
Instrument :
BNA_G
ClientSampleId :
LAW-25-0128

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.651	20.00 ng	1205130	Chrysene-d12	21.478	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	90
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	87
5	Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064237.D
Acq On : 29 Aug 2025 21:22
Operator : RC/JU
Sample : Q2983-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LAW-25-0128

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.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
2,5-Cyclohexadi...	14.140	4.3	ng	122087	3	14.481	561183	20.0
Benzophenone	15.838	5.9	ng	164868	3	14.481	561183	20.0
Hexadecane	16.202	7.1	ng	182407	4	17.219	511072	20.0
Docosane, 9-octyl-	16.549	4.3	ng	110209	4	17.219	511072	20.0
Oxalic acid, is...	16.778	6.7	ng	170395	4	17.219	511072	20.0
Octadecane	16.995	13.2	ng	337077	4	17.219	511072	20.0
Tetradecane, 1-...	17.301	8.1	ng	206959	4	17.219	511072	20.0
Docosane, 2,21-...	17.465	6.2	ng	157105	4	17.219	511072	20.0
Eicosane, 3-met...	17.530	9.5	ng	242340	4	17.219	511072	20.0
Heptadecane	17.736	22.8	ng	581383	4	17.219	511072	20.0
Tridecane, 7-pr...	18.018	25.6	ng	655330	4	17.219	511072	20.0
Nonadecane, 3-m...	18.135	13.7	ng	350435	4	17.219	511072	20.0
Heptacosane	18.182	11.4	ng	290066	4	17.219	511072	20.0
Hexadecane, 3-m...	18.241	19.3	ng	492723	4	17.219	511072	20.0
Dodecane, 2-met...	18.435	47.5	ng	1214270	4	17.219	511072	20.0
Nonadecane, 9-m...	18.682	47.2	ng	1205980	4	17.219	511072	20.0
Eicosane, 10-me...	18.899	61.4	ng	1569680	4	17.219	511072	20.0
Nonadecane	19.070	86.0	ng	2197840	4	17.219	511072	20.0
Tridecane, 7-he...	19.293	130.4	ng	3331520	4	17.219	511072	20.0
Heptadecane, 2,...	19.651	20.0	ng	1205130	5	21.478	1205130	20.0