

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
 Data File : BG056696.D
 Acq On : 22 Feb 2023 13:50
 Operator : CG/JU
 Sample : 01640-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

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-BG021523.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056696.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.460	320	327	335	rBV	118060	181167	16.19%	1.453%
2	5.935	402	408	416	rVB	283787	454840	40.64%	3.648%
3	7.557	675	684	693	rBV	292390	509059	45.48%	4.083%
4	8.432	824	833	839	rBV	60555	103855	9.28%	0.833%
5	9.602	1025	1032	1043	rVB	168417	301471	26.94%	2.418%
6	11.270	1310	1316	1322	rVB	79559	140092	12.52%	1.124%
7	13.662	1716	1723	1731	rVB	428063	673291	60.16%	5.401%
8	15.037	1951	1957	1963	rVB	132081	209593	18.73%	1.681%
9	16.059	2125	2131	2132	rBV5	8586	13979	1.25%	0.112%
10	16.370	2179	2184	2190	rVB	42653	71164	6.36%	0.571%
11	16.511	2202	2208	2216	rVB	440551	671189	59.97%	5.384%
12	17.769	2416	2422	2429	rVB	193580	296466	26.49%	2.378%
13	18.009	2457	2463	2471	rVB2	45151	109299	9.77%	0.877%
14	18.162	2484	2489	2490	rBV5	7901	14092	1.26%	0.113%
15	18.609	2560	2565	2577	rBV	163702	254893	22.77%	2.045%
16	19.155	2649	2658	2660	rBV6	30396	70846	6.33%	0.568%
17	19.220	2662	2669	2678	rVB2	186737	435248	38.89%	3.491%
18	19.860	2774	2778	2791	rVB2	100615	193026	17.25%	1.548%
19	20.136	2819	2825	2834	rVB	292898	569953	50.93%	4.572%
20	20.242	2840	2843	2851	rVB7	24320	51204	4.58%	0.411%
21	20.336	2854	2859	2864	rVV	890487	1119197	100.00%	8.977%
22	20.930	2953	2960	2969	rVB	379187	722525	64.56%	5.795%
23	21.123	2989	2993	2996	rVB2	27086	29630	2.65%	0.238%
24	21.658	3078	3084	3090	rBV	119920	201727	18.02%	1.618%
25	21.764	3095	3102	3113	rVB	289929	632075	56.48%	5.070%
26	22.087	3150	3157	3164	rVB	174399	306619	27.40%	2.459%
27	22.252	3181	3185	3194	rVB	64780	106762	9.54%	0.856%
28	22.710	3255	3263	3280	rVB	258608	705216	63.01%	5.657%
29	22.916	3294	3298	3308	rVB2	60273	125696	11.23%	1.008%
30	23.679	3424	3428	3434	rVB3	32369	66312	5.92%	0.532%
31	23.814	3443	3451	3462	rVB2	182026	490333	43.81%	3.933%
32	25.113	3664	3672	3684	rVB3	151908	498443	44.54%	3.998%
33	25.483	3728	3735	3736	rBV6	27101	47536	4.25%	0.381%
34	25.630	3750	3760	3772	rVB3	117116	379195	33.88%	3.042%
35	26.670	3927	3937	3949	rVB2	100801	405329	36.22%	3.251%
36	28.544	4244	4256	4274	rVB5	94434	460447	41.14%	3.693%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
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37	29.772	4454	4465	4487	rVB10	94887	508494	45.43%	4.079%
38	30.783	4628	4637	4653	rVB6	65402	336929	30.10%	2.703%

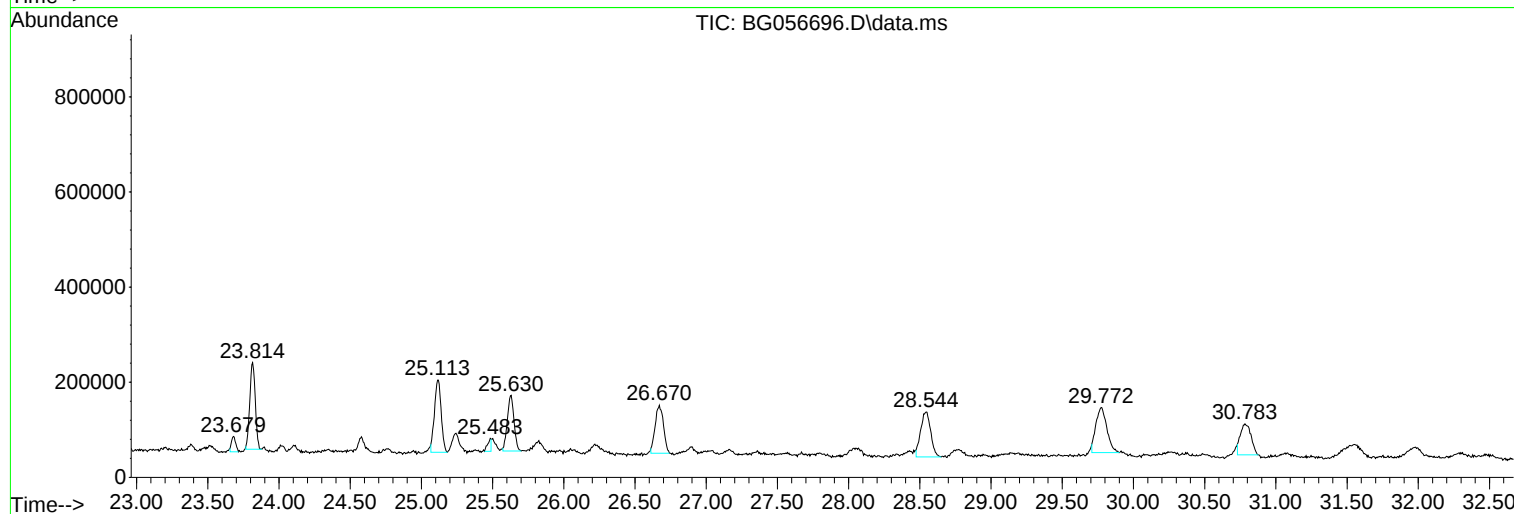
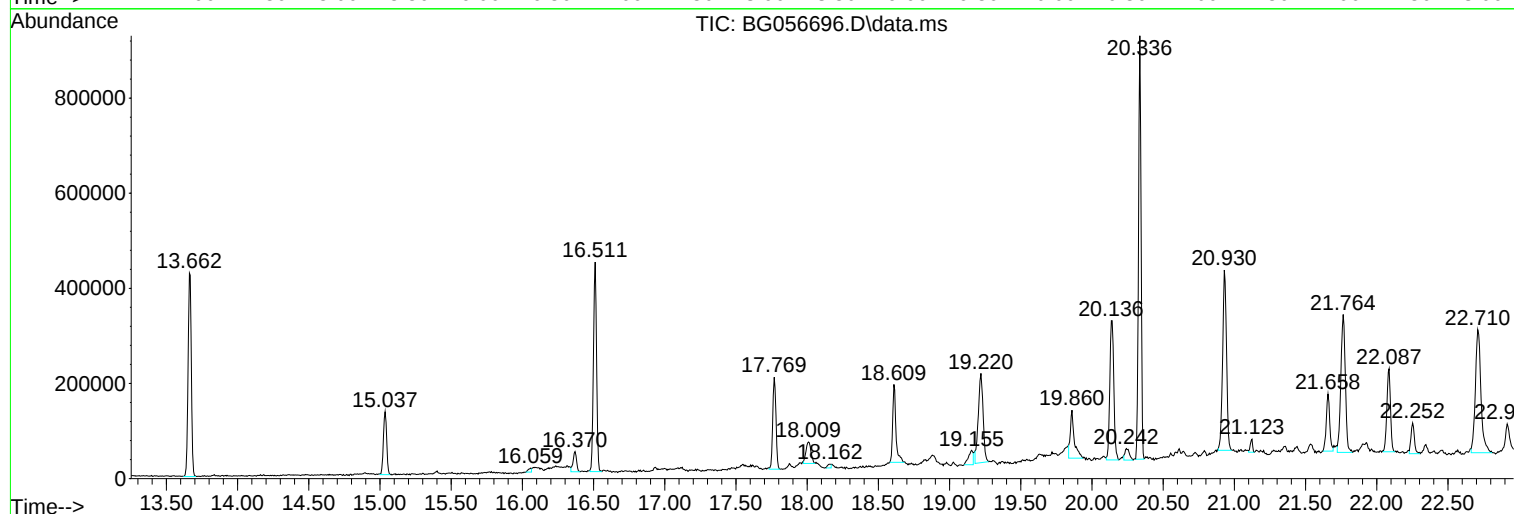
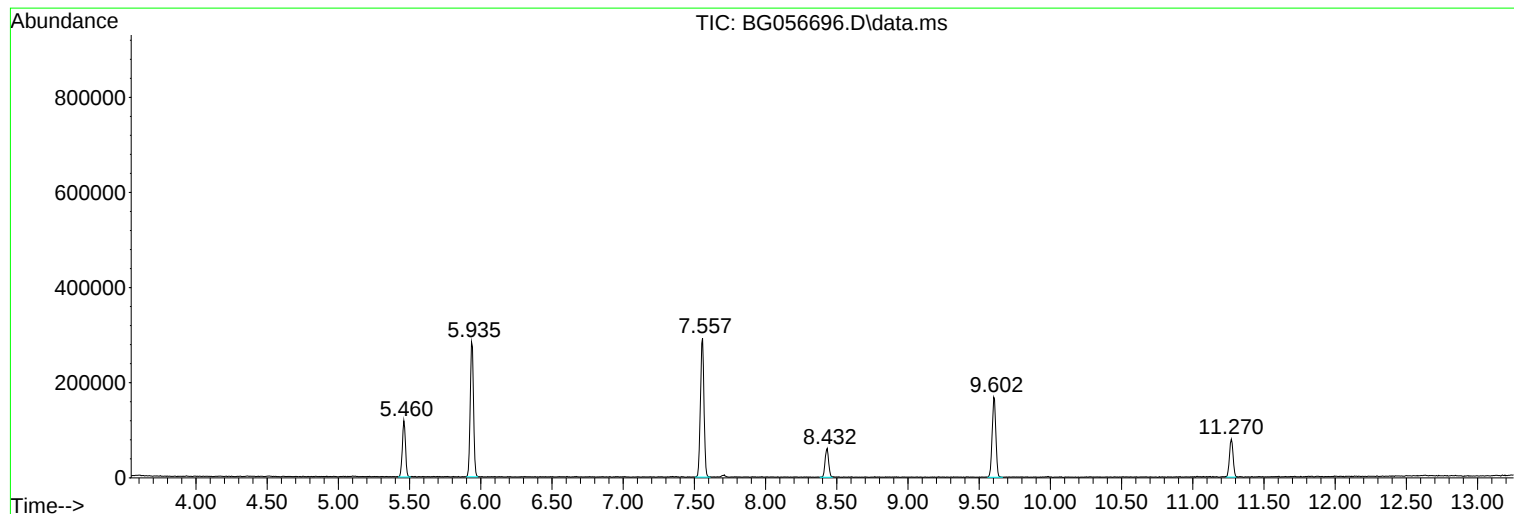
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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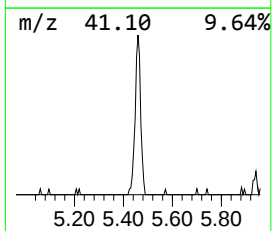
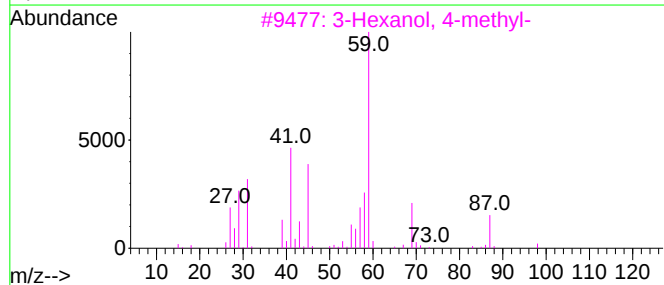
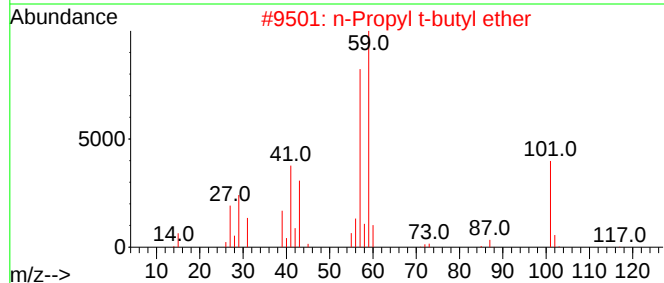
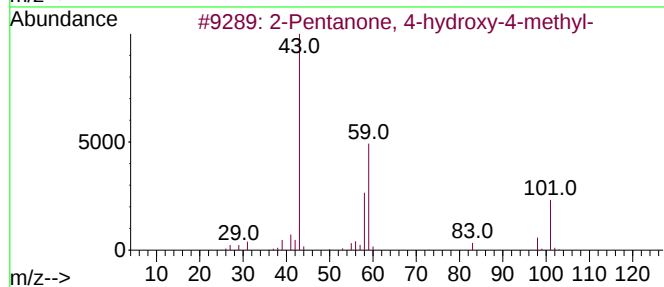
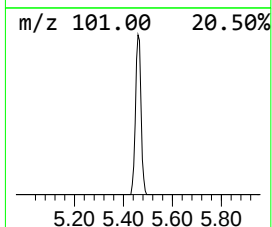
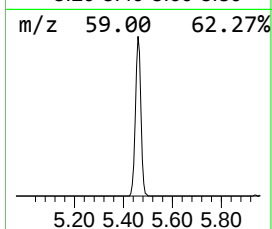
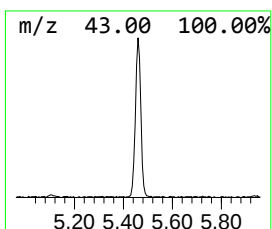
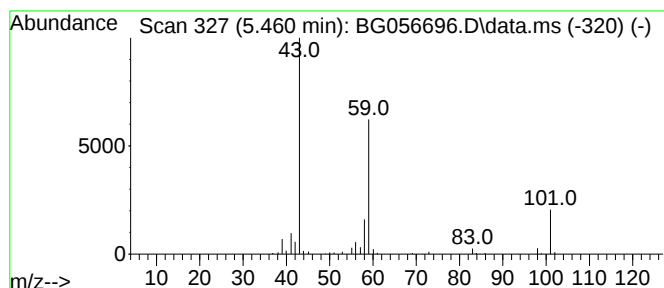
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TIC Library : C:\Database\NIST20.L
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.460	34.89 ng	181167	1,4-Dichlorobenzene-d4	8.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72		
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	36		
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28		
4	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25		
5	1,2-Butanediol	90	C4H10O2	000584-03-2	23		



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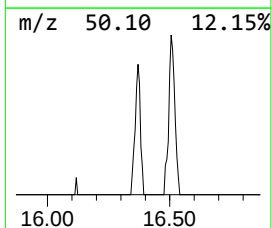
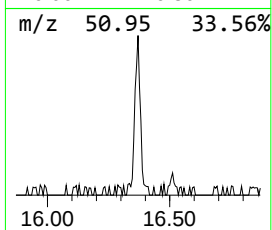
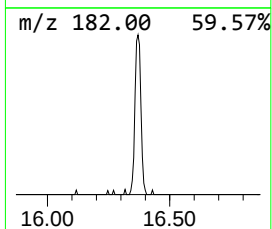
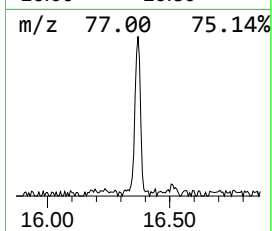
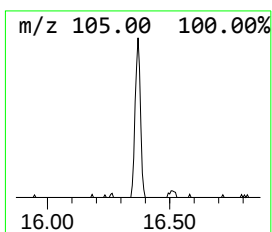
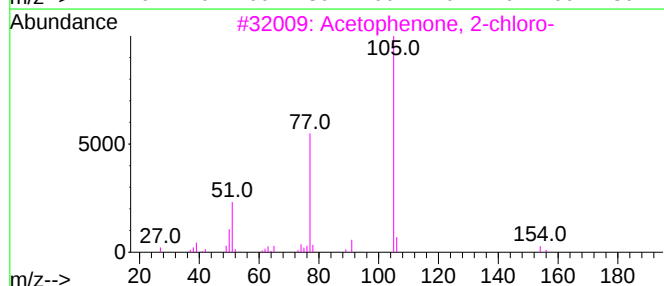
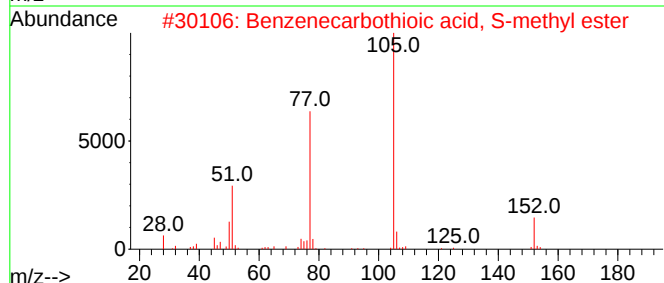
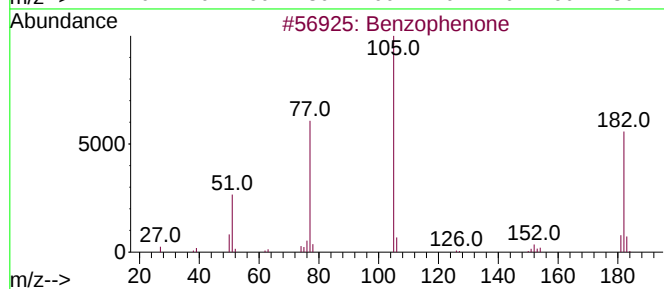
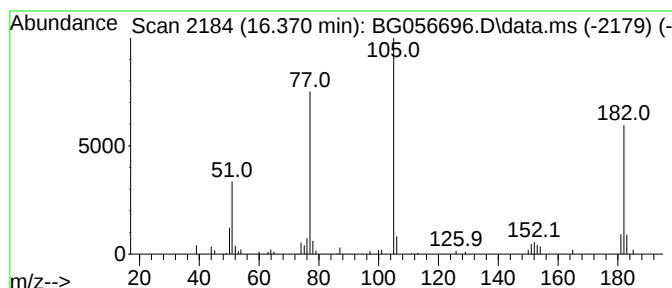
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 Benzophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.370	6.79 ng	71164	Acenaphthene-d10	15.037

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	95
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	53
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4			Benzoylformic acid	150	C8H6O3	000611-73-4	49
5			Benzoic acid, 2-propenyl ester	162	C10H10O2	000583-04-0	47



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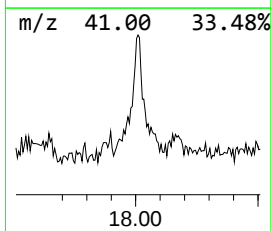
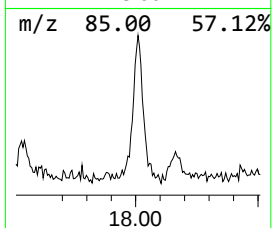
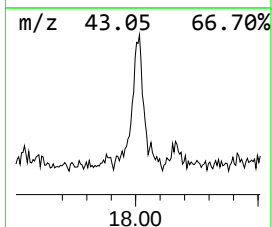
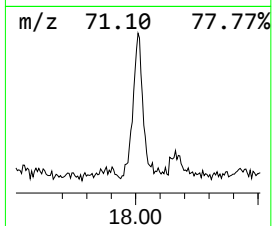
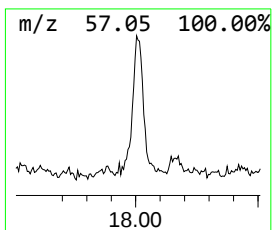
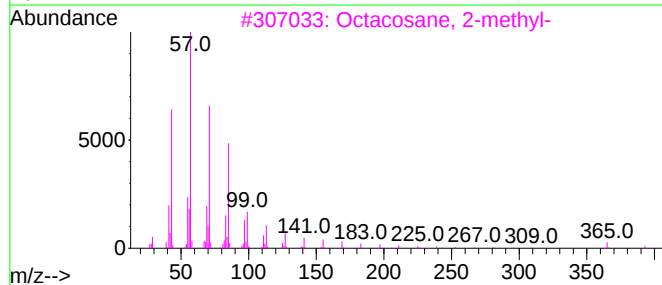
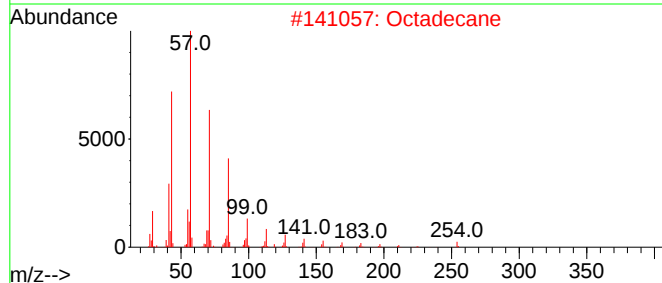
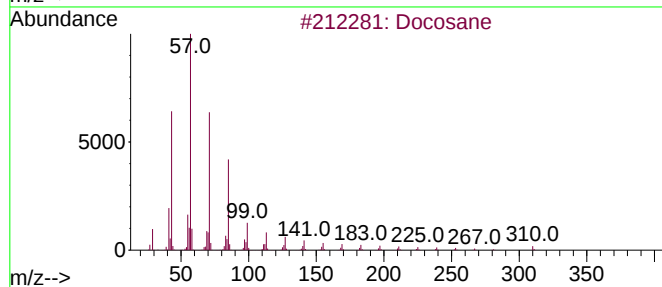
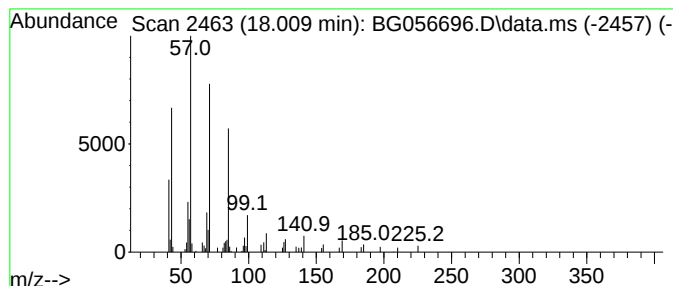
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Docosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.009	7.37 ng	109299	Phenanthrene-d10	17.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane	310	C22H46	000629-97-0	90
2			Octadecane	254	C18H38	000593-45-3	90
3			Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5			Tetracosane	338	C24H50	000646-31-1	86



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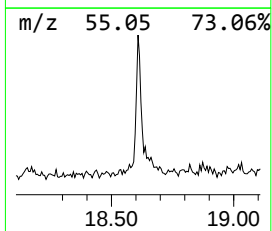
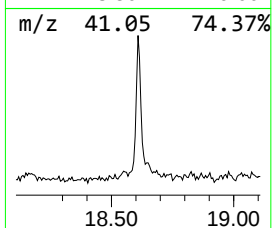
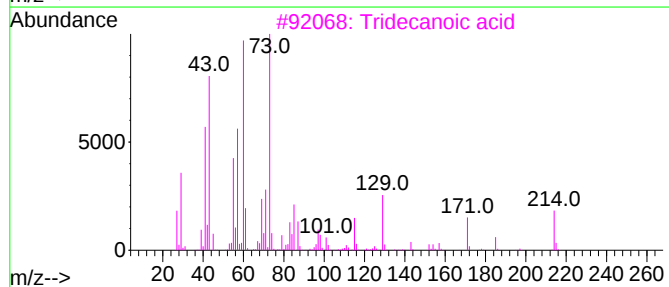
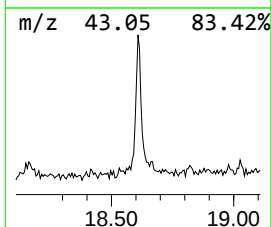
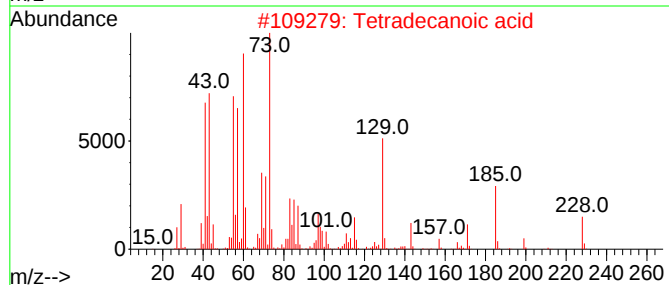
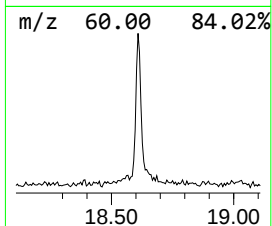
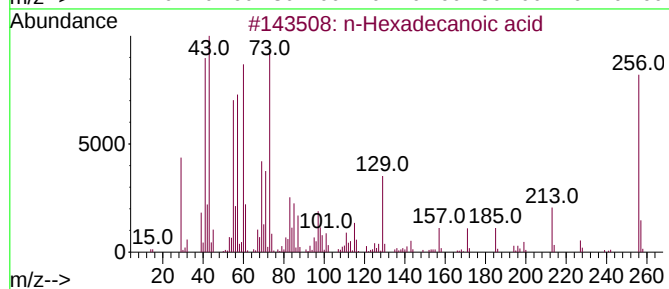
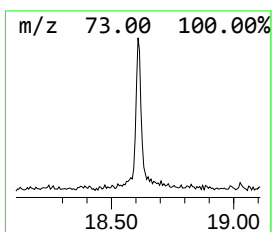
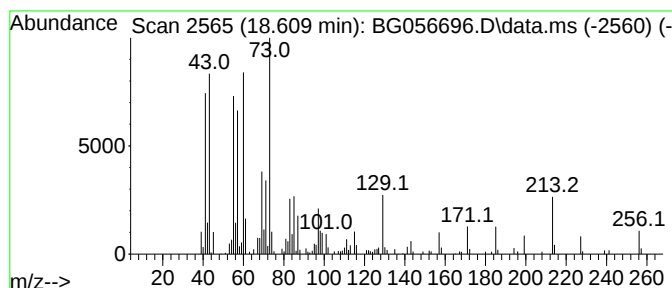
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.609	17.20 ng	254893	Phenanthrene-d10		17.769	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid		228	C14H28O2	000544-63-8	93
3	Tridecanoic acid		214	C13H26O2	000638-53-9	90
4	Nonanoic acid		158	C9H18O2	000112-05-0	70
5	Dodecanoic acid		200	C12H24O2	000143-07-7	58



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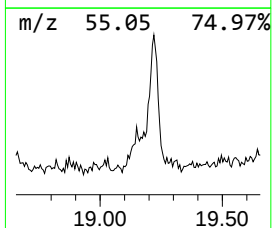
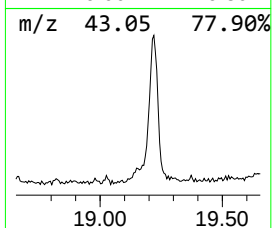
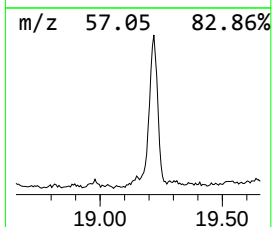
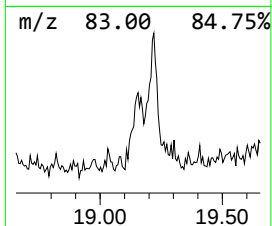
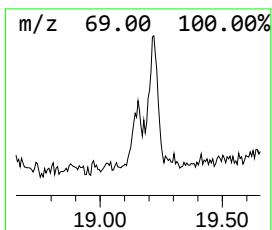
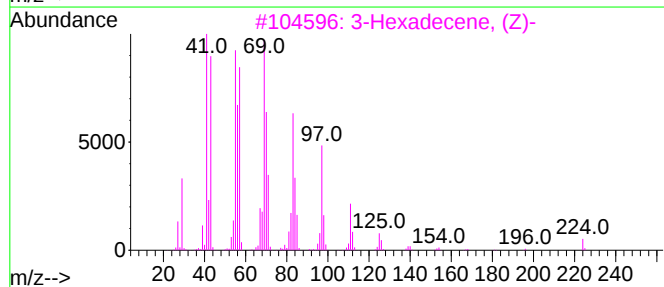
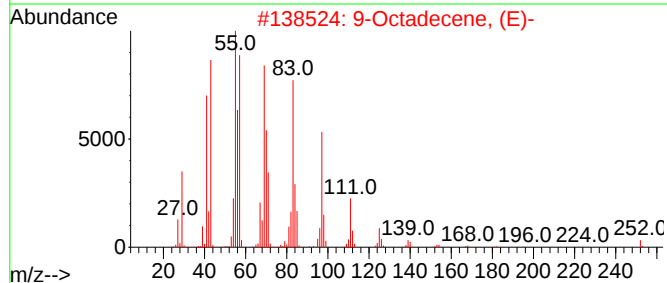
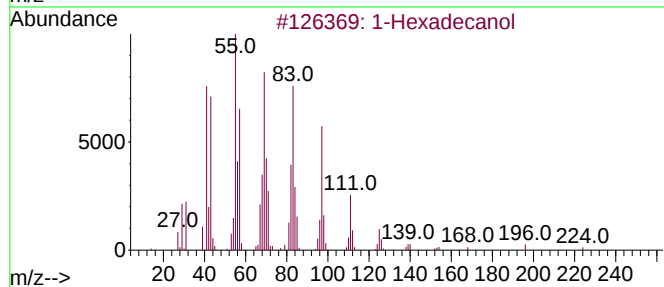
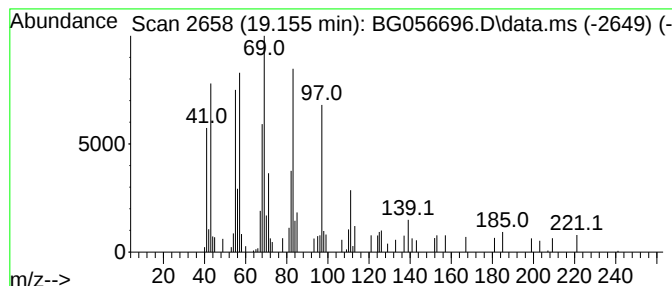
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1-Hexadecanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.155	4.78 ng	70846	Phenanthrene-d10		17.769	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Hexadecanol		242	C16H34O	036653-82-4	64
2	9-Octadecene, (E)-		252	C18H36	007206-25-9	59
3	3-Hexadecene, (Z)-		224	C16H32	034303-81-6	59
4	Cyclopentane, (2-methylpropyl)-		126	C9H18	003788-32-7	58
5	Cyclopentane, heneicosyl-		364	C26H52	006703-82-8	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056696.D
Acq On : 22 Feb 2023 13:50
Operator : CG/JU
Sample : 01640-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

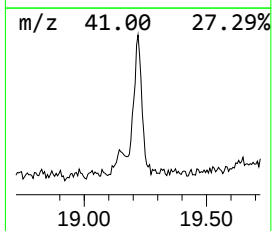
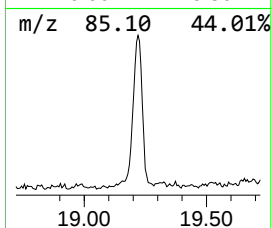
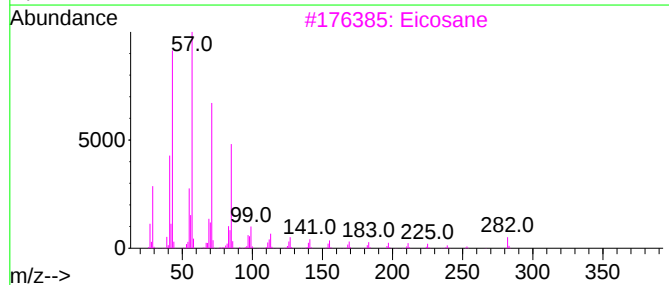
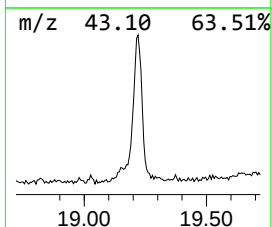
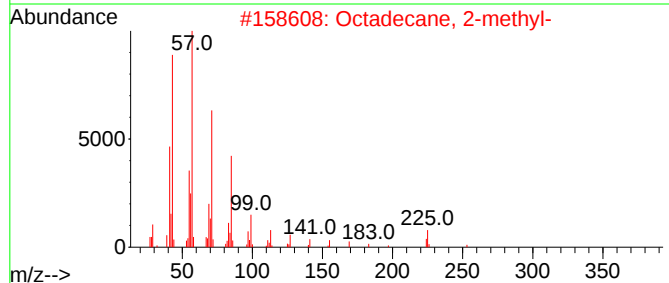
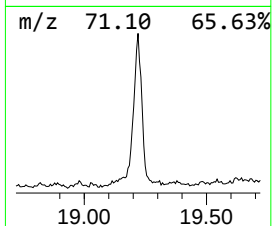
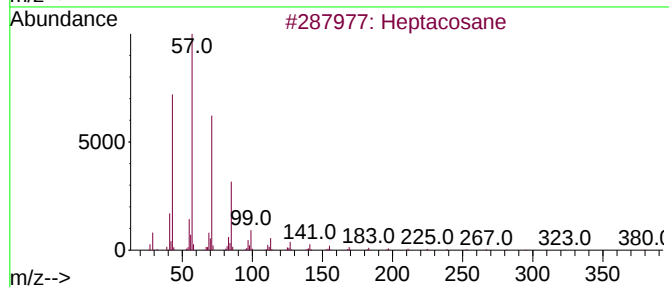
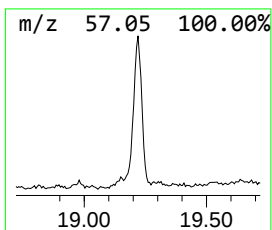
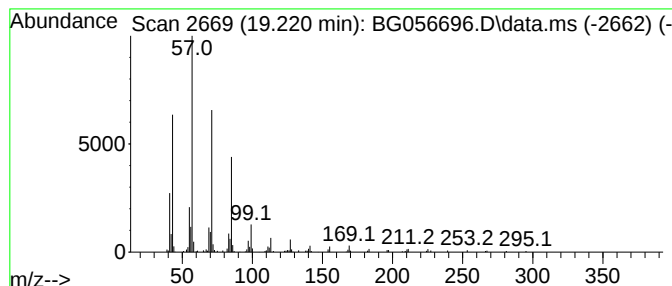
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.220	29.36 ng	435248	Phenanthrene-d10	17.769

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptacosane	380	C27H56	000593-49-7	91
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
5		Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
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Operator : CG/JU
Sample : 01640-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

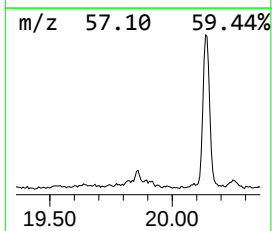
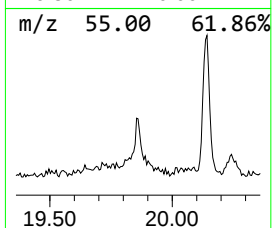
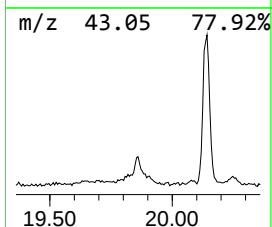
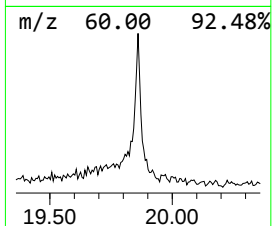
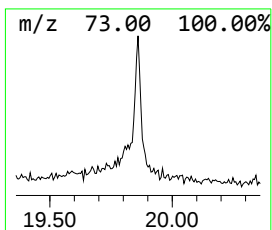
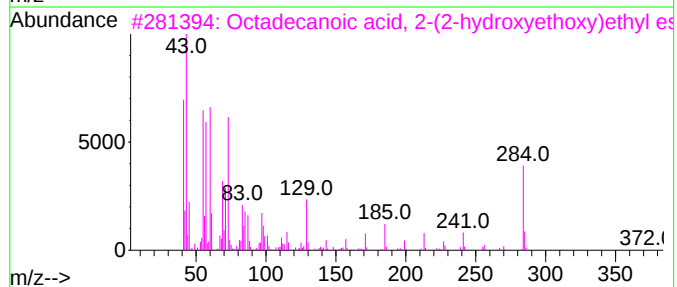
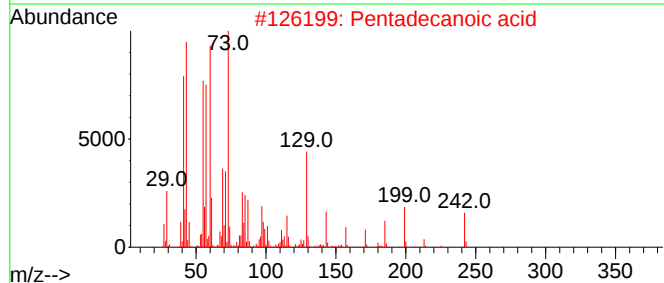
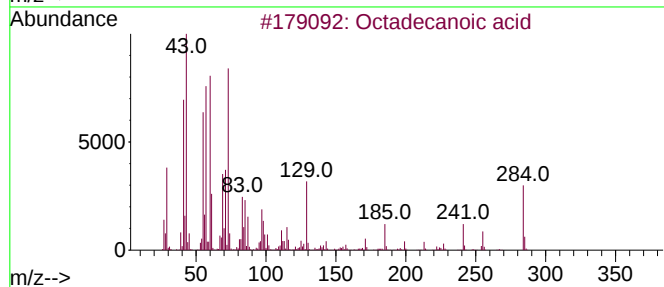
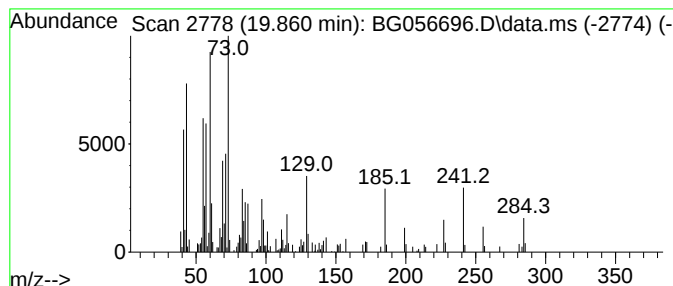
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.860	13.02 ng	193026	Phenanthrene-d10	17.769	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056696.D
Acq On : 22 Feb 2023 13:50
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Sample : 01640-03
Misc :
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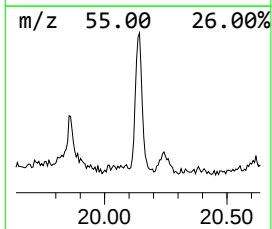
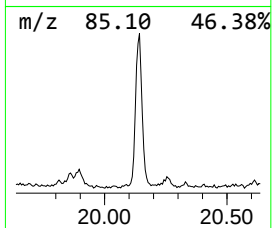
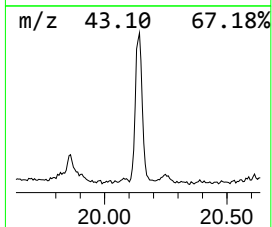
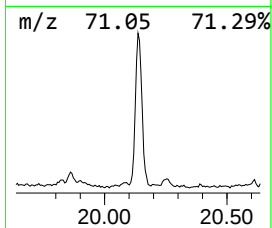
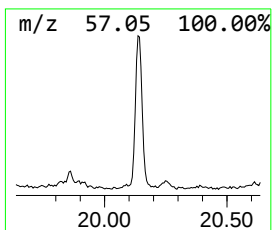
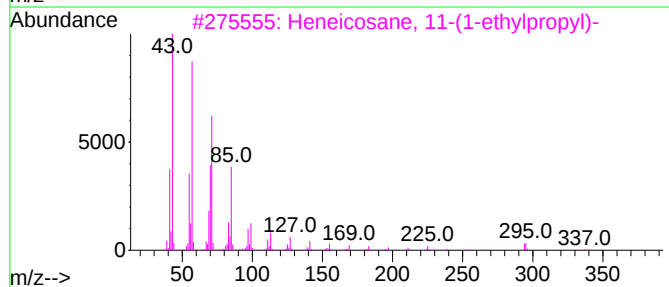
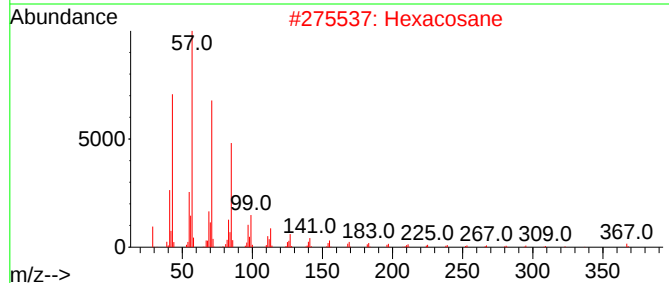
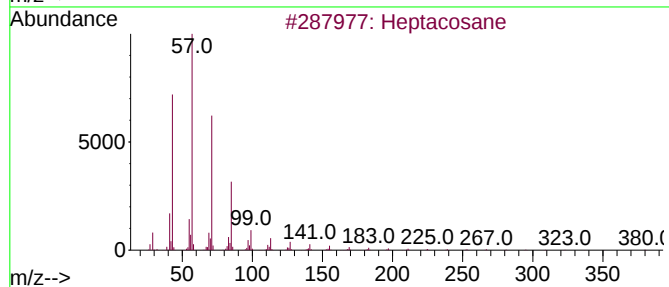
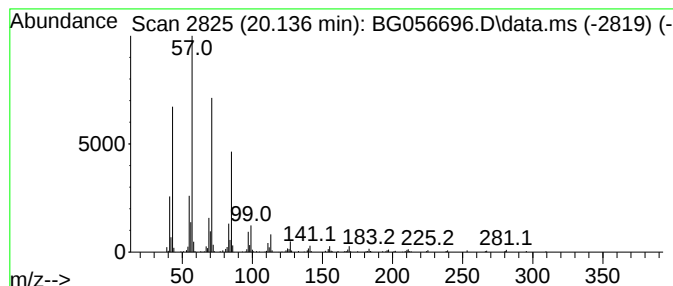
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.136	37.18 ng	569953	Chrysene-d12	22.087

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056696.D
Acq On : 22 Feb 2023 13:50
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Sample : 01640-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

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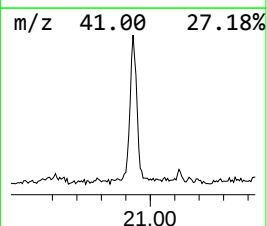
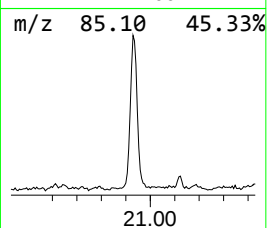
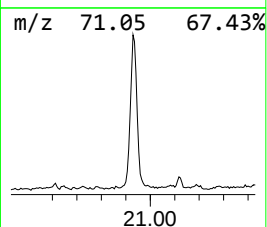
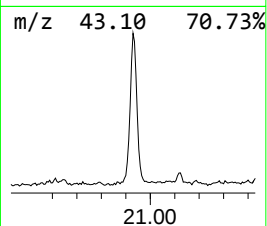
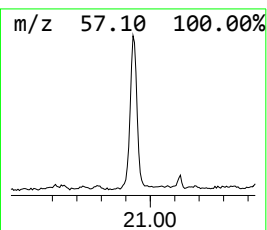
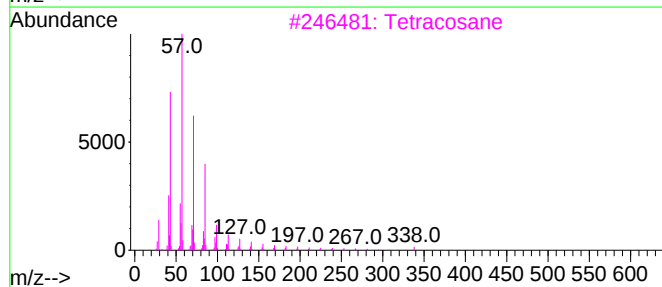
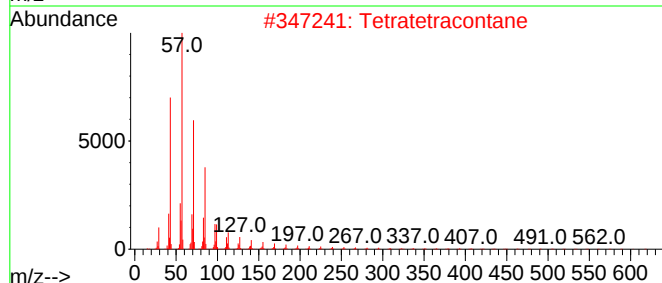
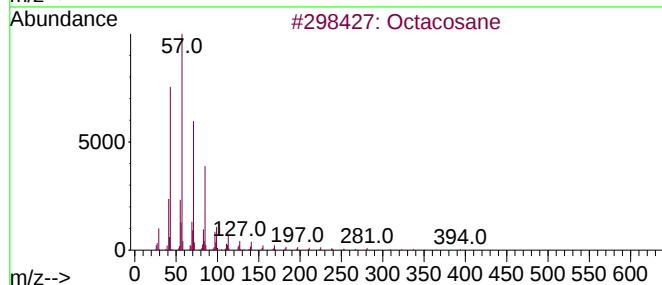
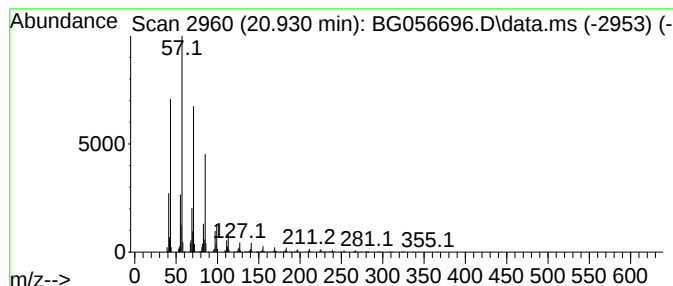
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.930	47.13 ng	722525	Chrysene-d12	22.087

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Tetratetracontane	619	C44H90	007098-22-8	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Hentriacontane	437	C31H64	000630-04-6	91
5			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056696.D
Acq On : 22 Feb 2023 13:50
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Sample : 01640-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

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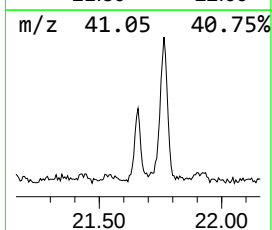
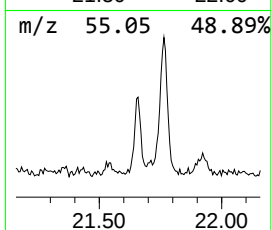
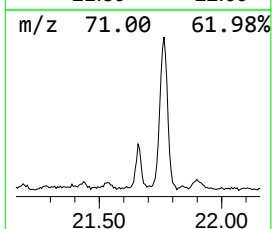
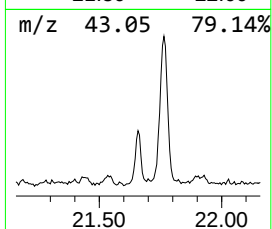
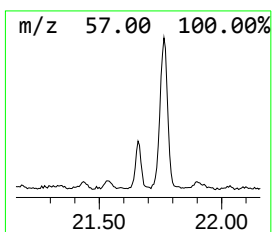
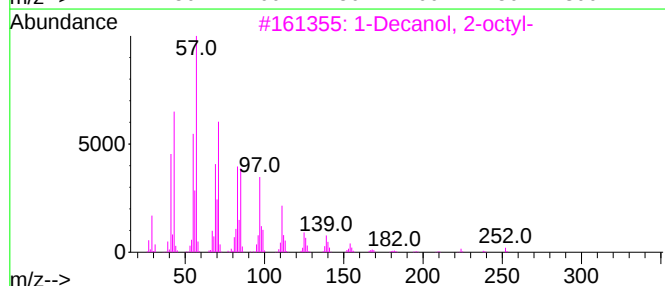
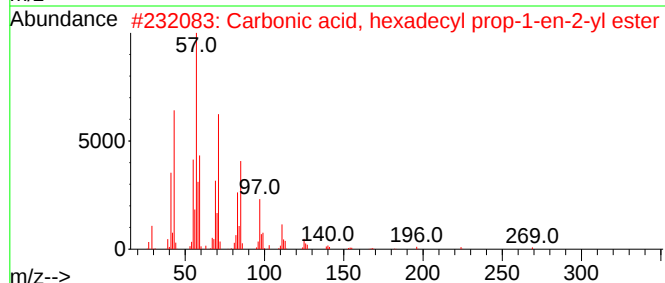
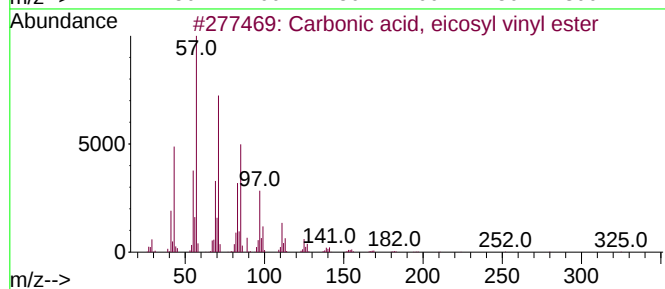
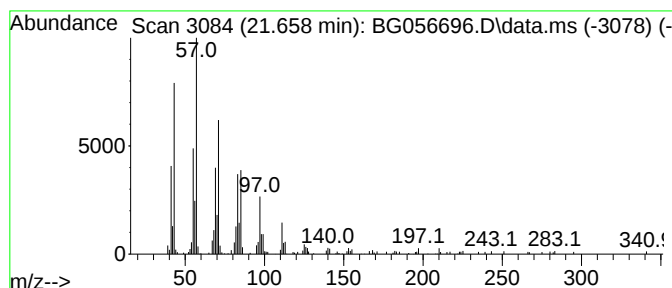
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Carbonic acid, eicosyl vinyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.658	13.16 ng	201727	Chrysene-d12	22.087

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
2			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
3			1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91
4			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
5			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056696.D
Acq On : 22 Feb 2023 13:50
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Sample : 01640-03
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ALS Vial : 5 Sample Multiplier: 1

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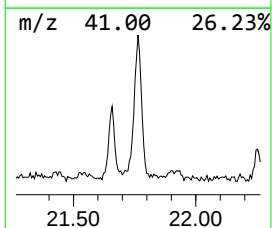
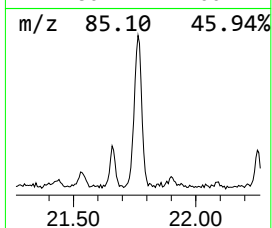
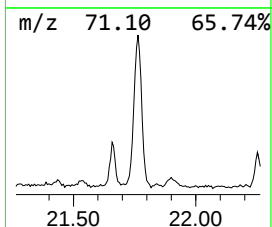
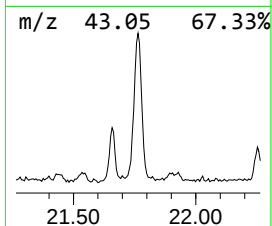
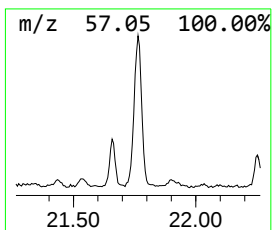
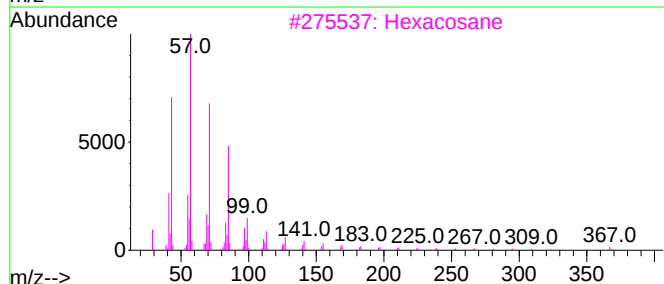
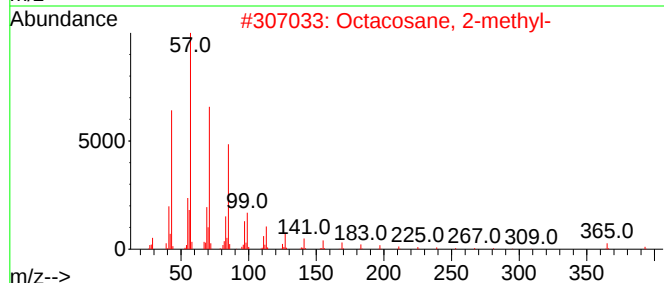
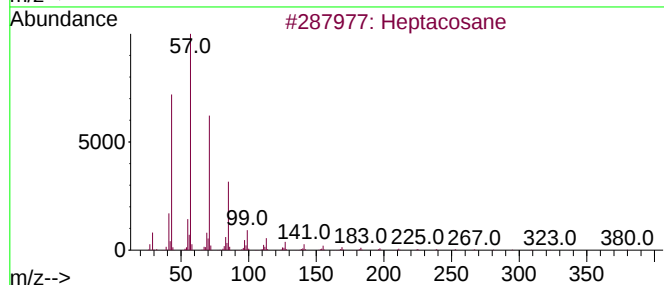
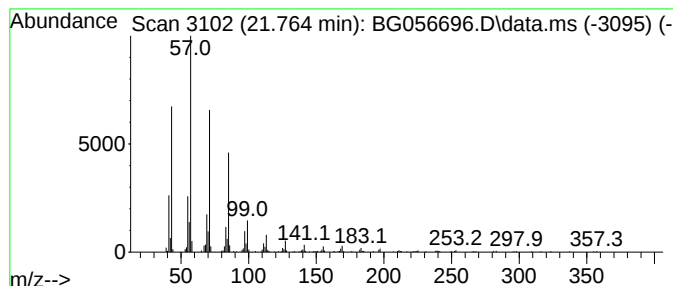
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.764	41.23 ng	632075	Chrysene-d12	22.087

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3			Hexacosane	366	C26H54	000630-01-3	91
4			Heneicosane	296	C21H44	000629-94-7	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056696.D
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ALS Vial : 5 Sample Multiplier: 1

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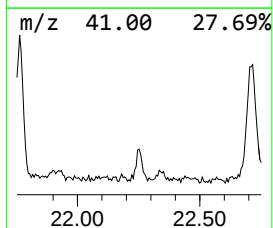
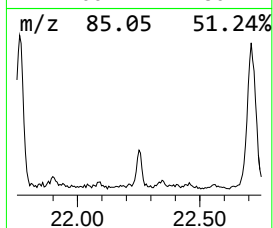
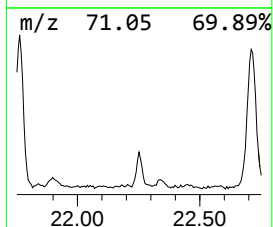
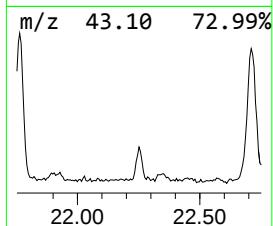
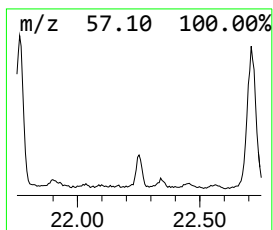
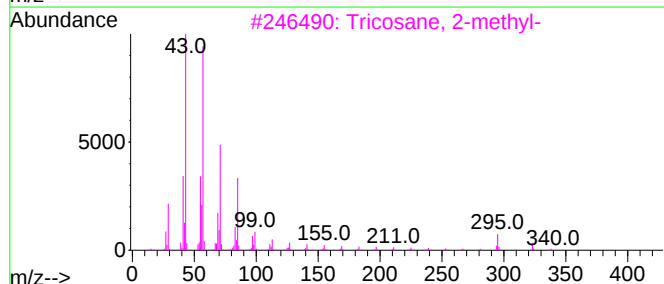
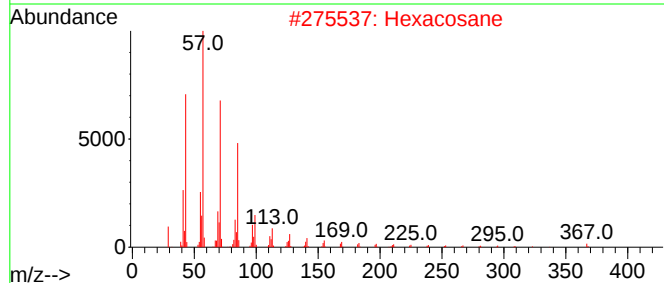
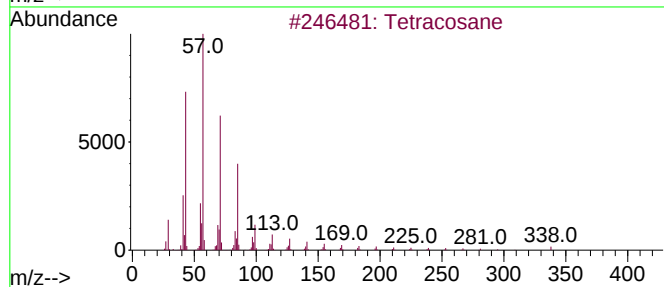
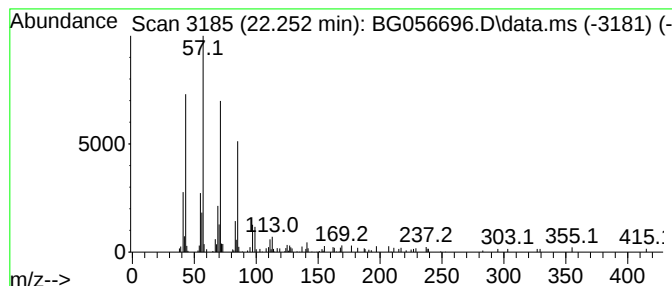
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tetracosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.252	6.96 ng	106762	Chrysene-d12	22.087

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	87
2			Hexacosane	366	C26H54	000630-01-3	86
3			Tricosane, 2-methyl-	338	C24H50	001928-30-9	86
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5			Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056696.D
Acq On : 22 Feb 2023 13:50
Operator : CG/JU
Sample : 01640-03
Misc :
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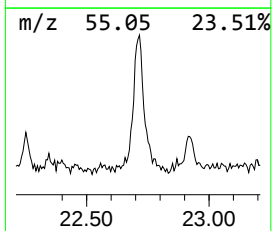
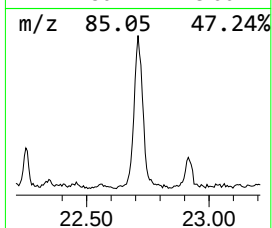
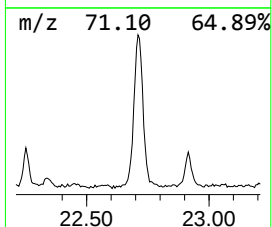
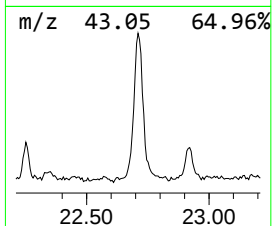
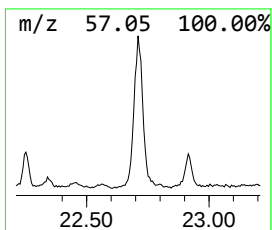
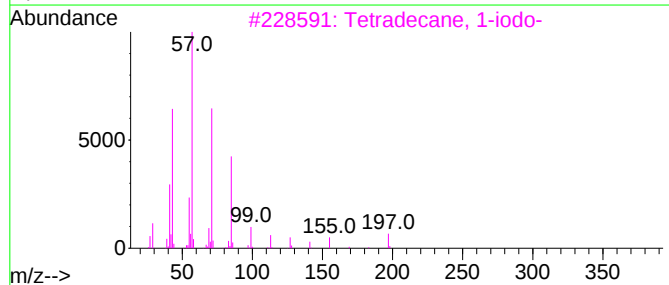
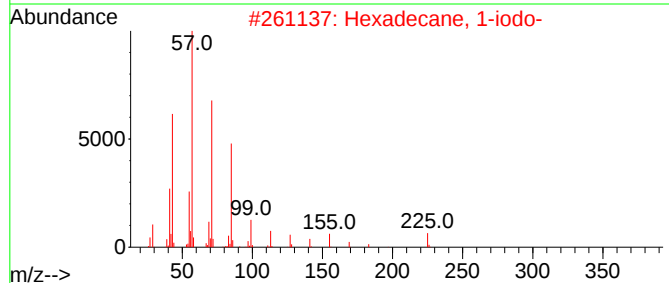
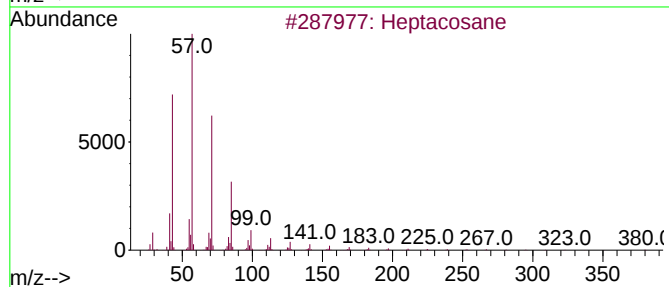
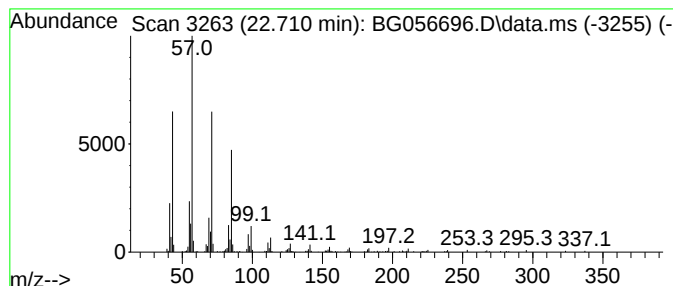
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.710	46.00 ng	705216	Chrysene-d12	22.087	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
4	Pentadecane	212	C15H32	000629-62-9	87
5	Tetratetracontane	619	C44H90	007098-22-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
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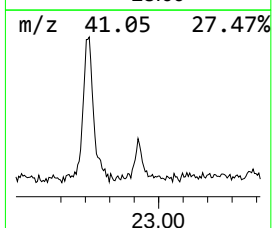
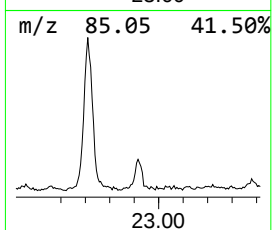
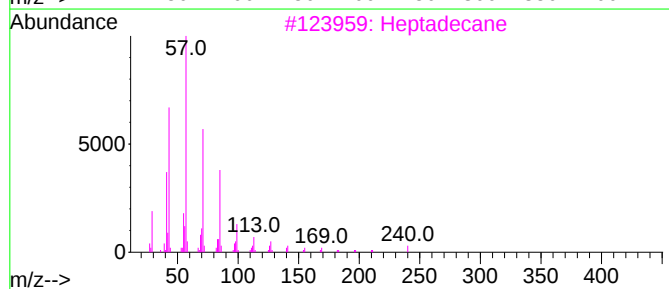
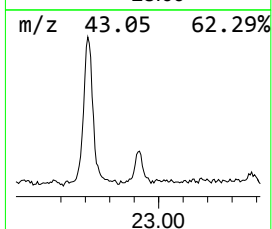
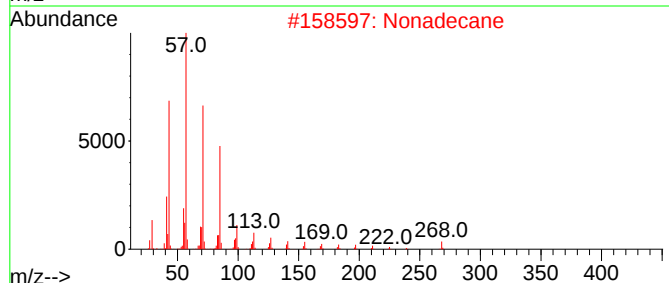
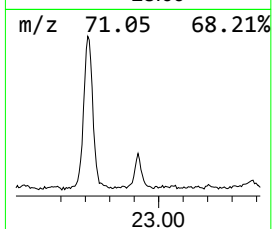
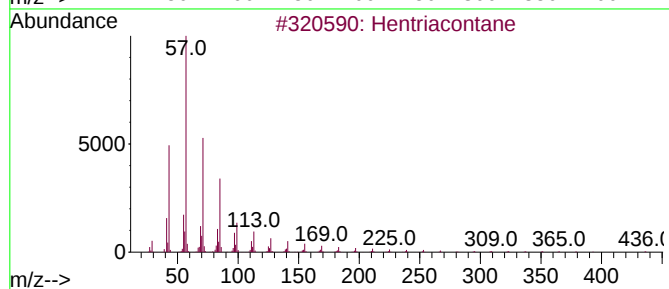
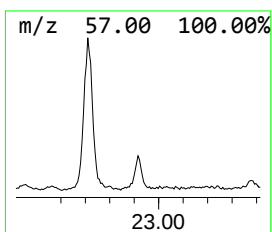
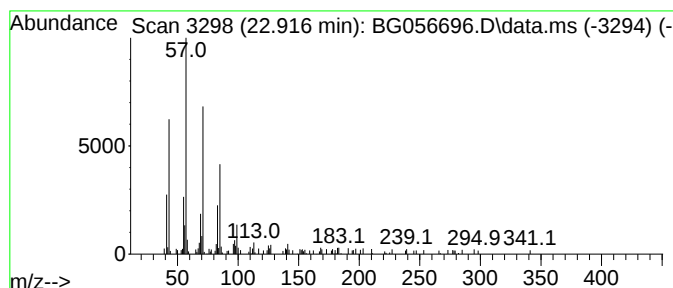
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hentriacontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.916	8.20 ng	125696	Chrysene-d12	22.087	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	72
2	Nonadecane	268	C19H40	000629-92-5	64
3	Heptadecane	240	C17H36	000629-78-7	64
4	Tetracosane	338	C24H50	000646-31-1	64
5	Pentadecane	212	C15H32	000629-62-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056696.D
Acq On : 22 Feb 2023 13:50
Operator : CG/JU
Sample : 01640-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

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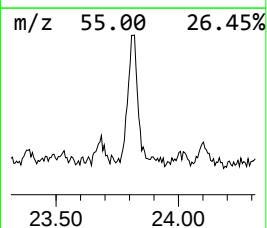
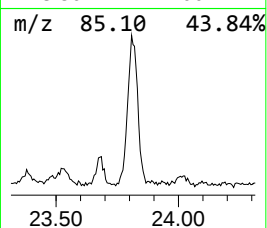
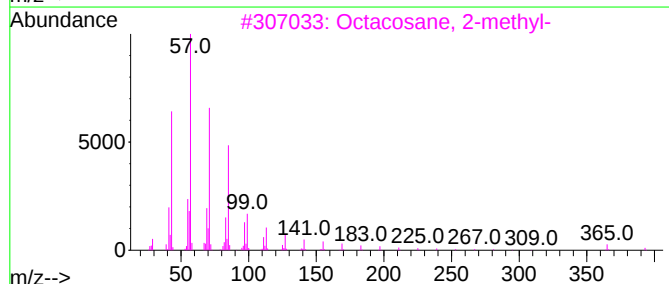
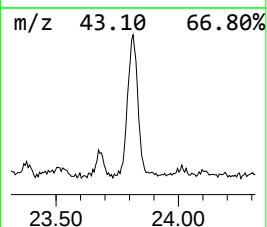
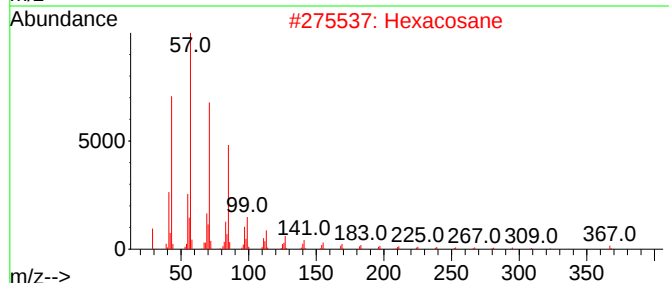
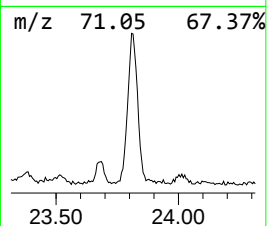
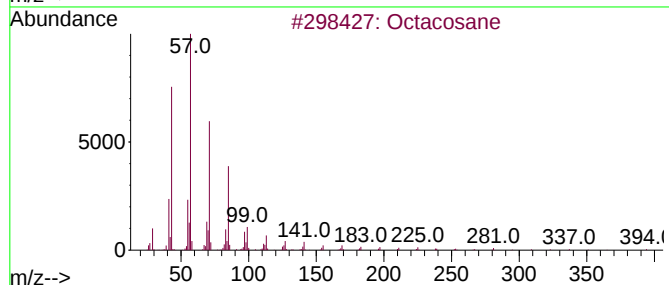
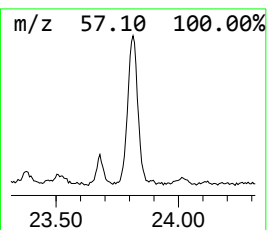
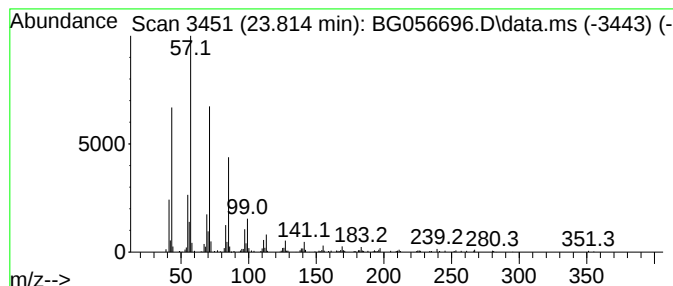
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 9-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.814	31.98 ng	490333	Chrysene-d12	22.087

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056696.D
Acq On : 22 Feb 2023 13:50
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Misc :
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Instrument :
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ClientSampleId :
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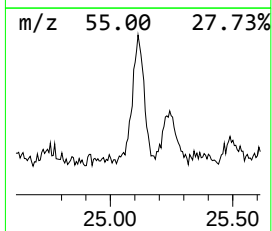
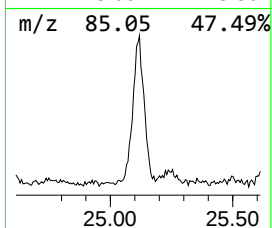
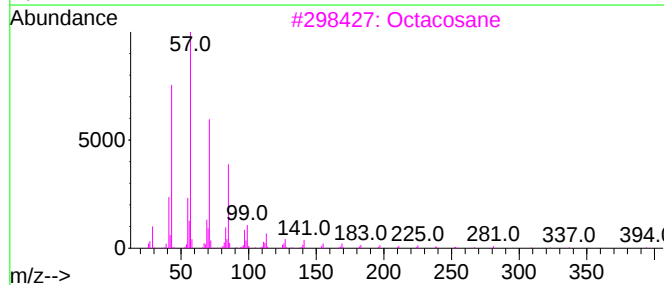
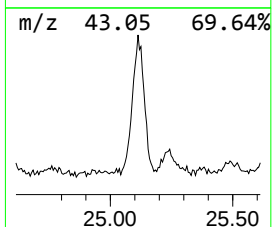
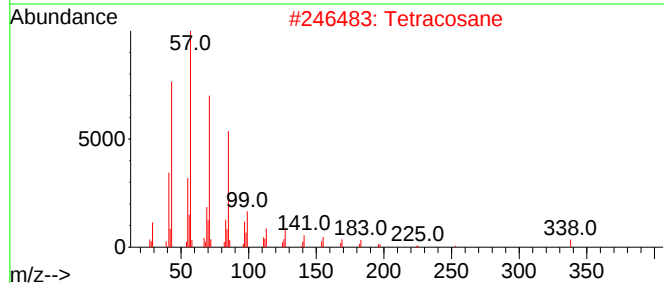
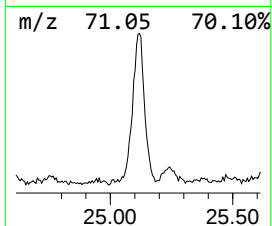
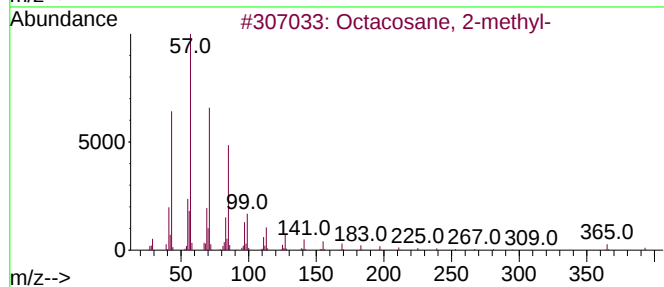
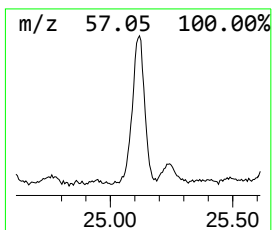
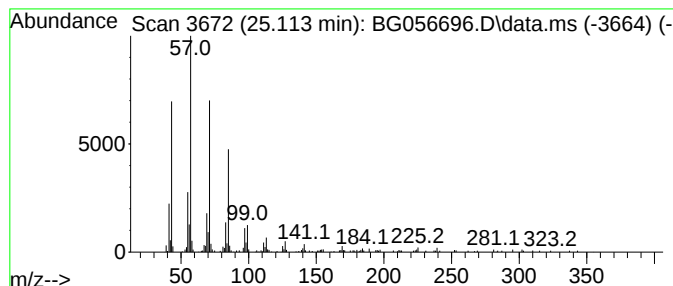
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Methylheneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.113	26.29 ng	498443	Perylene-d12	25.630

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
2		Tetracosane	338	C24H50	000646-31-1	87
3		Octacosane	394	C28H58	000630-02-4	87
4		9-Methylheneicosane	310	C22H46	070475-51-3	83
5		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056696.D
Acq On : 22 Feb 2023 13:50
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ClientSampleId :
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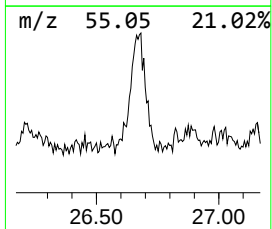
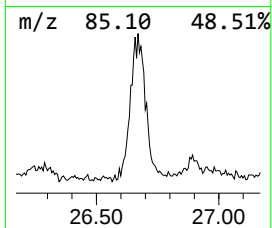
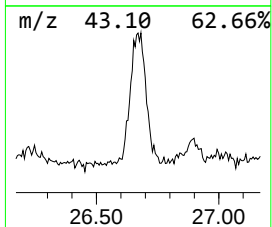
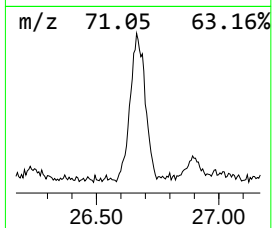
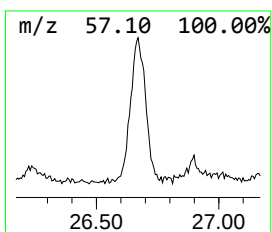
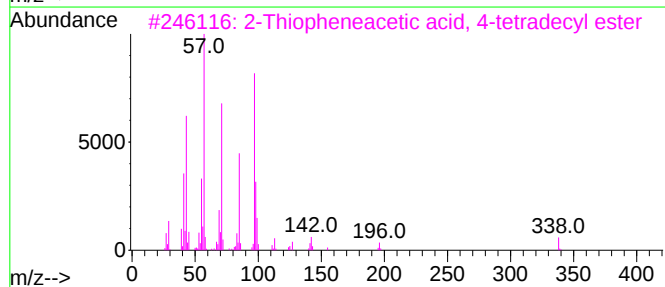
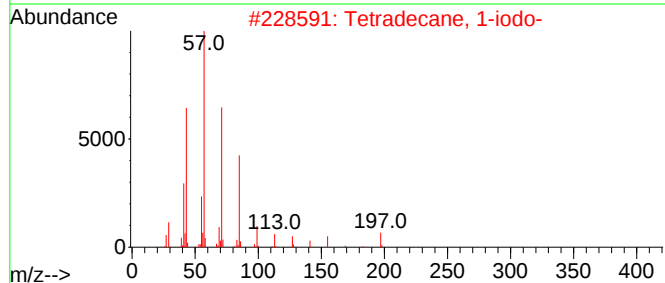
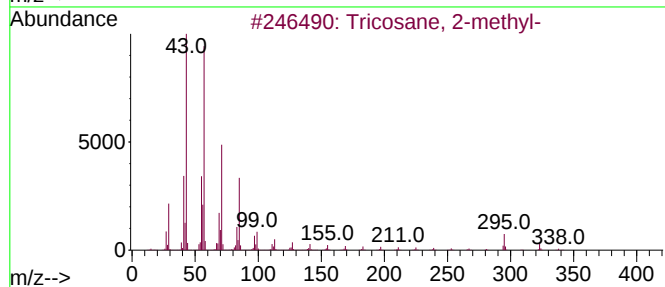
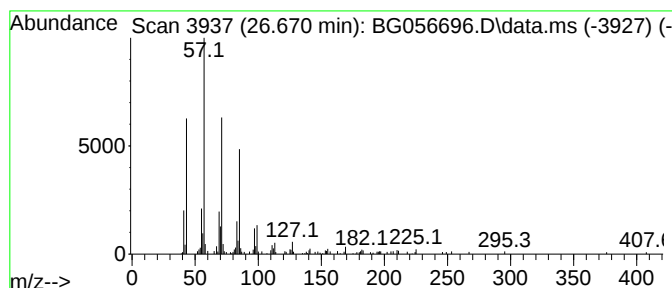
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tricosane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.670	21.38 ng	405329	Perylene-d12	25.630

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane, 2-methyl-	338	C24H50	001928-30-9	86
2			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
3			2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1010280-67-0	72
4			Hexacosane	366	C26H54	000630-01-3	62
5			Eicosane	282	C20H42	000112-95-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
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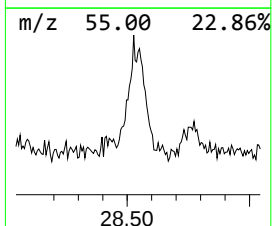
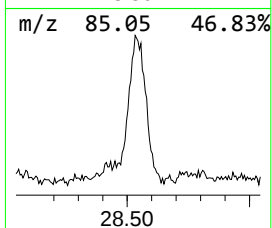
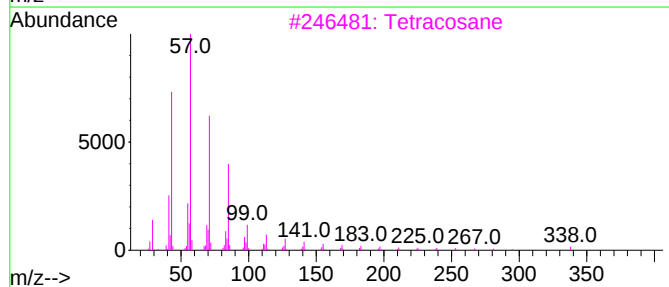
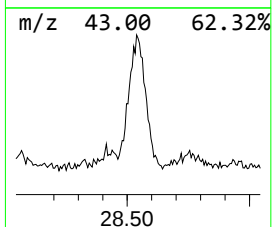
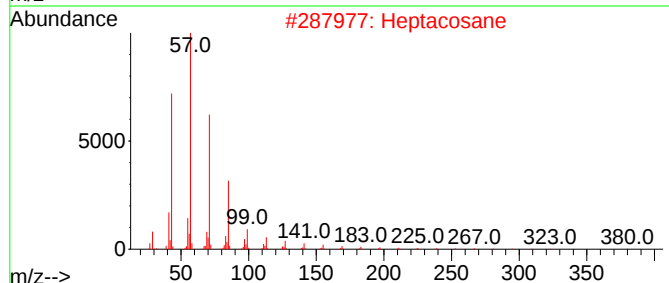
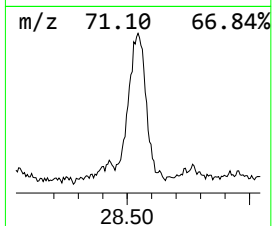
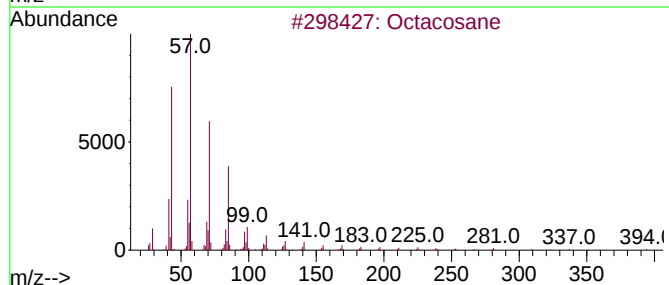
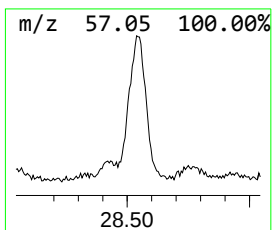
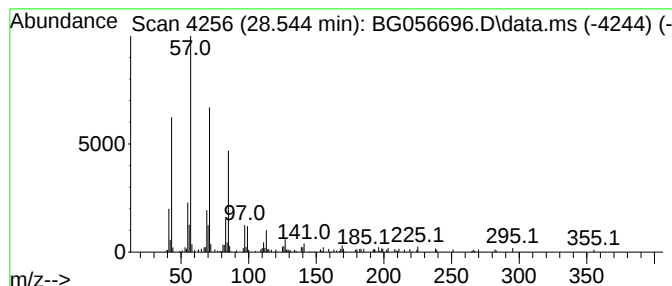
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane, 7-hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
28.544	24.29 ng	460447	Perylene-d12	25.630	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Tetracosane	338	C24H50	000646-31-1	86
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
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ClientSampleId :
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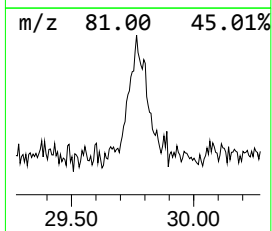
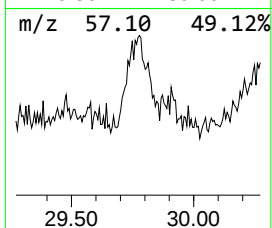
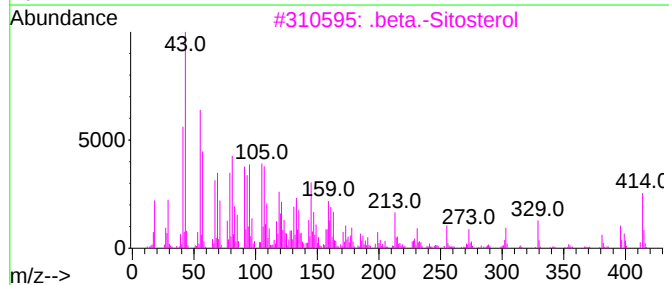
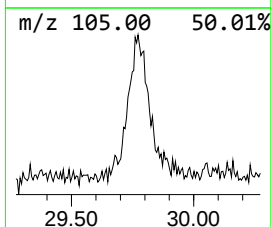
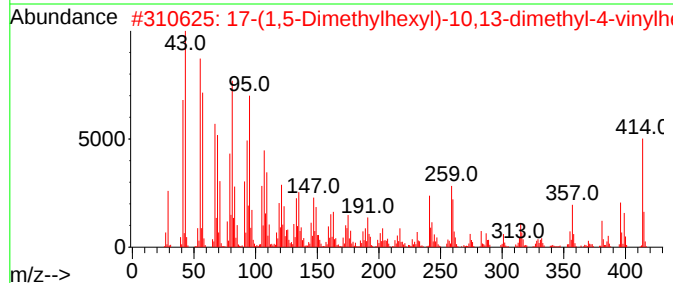
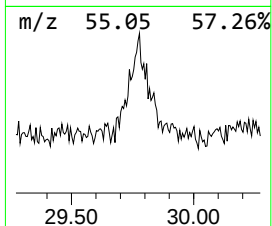
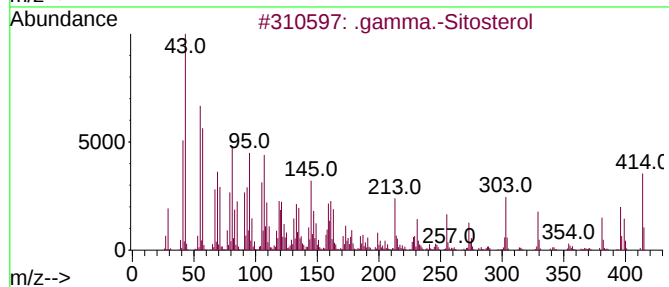
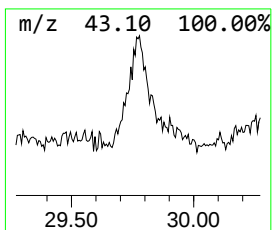
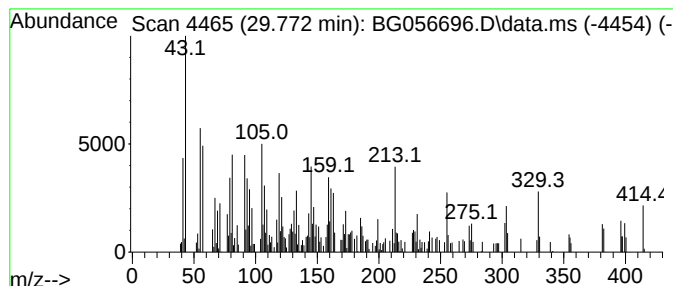
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 .gamma.-Sitosterol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.772	26.82 ng	508494	Perylene-d12	25.630

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Sitosterol	414	C29H50O	000083-47-6	64
2			17-(1,5-Dimethylhexyl)-10,13-dim...	414	C29H50O	1000210-86-9	45
3			.beta.-Sitosterol	414	C29H50O	000083-46-5	42
4			(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	41
5			Campesterol	400	C28H48O	000474-62-4	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056696.D
Acq On : 22 Feb 2023 13:50
Operator : CG/JU
Sample : 01640-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

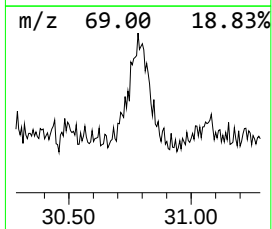
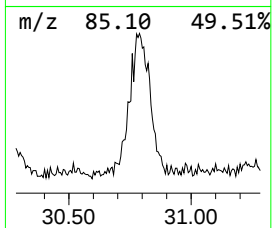
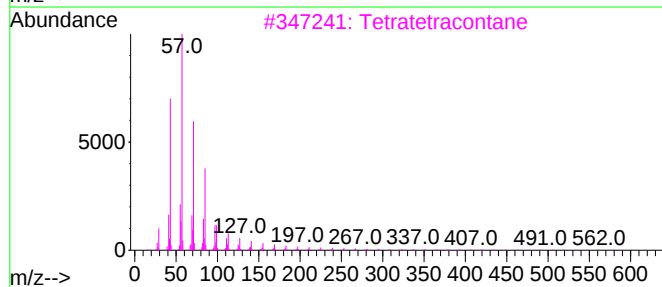
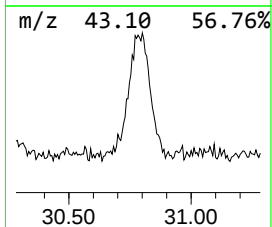
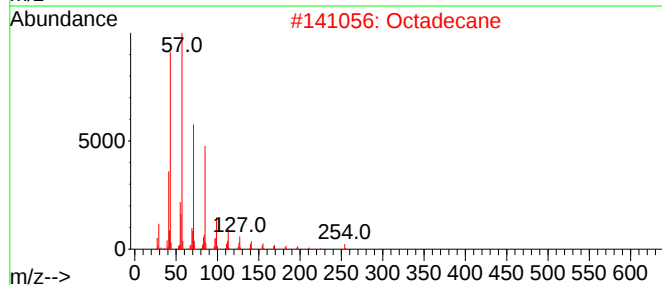
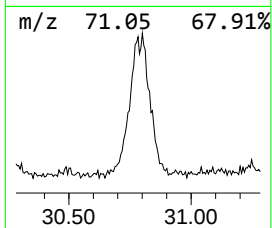
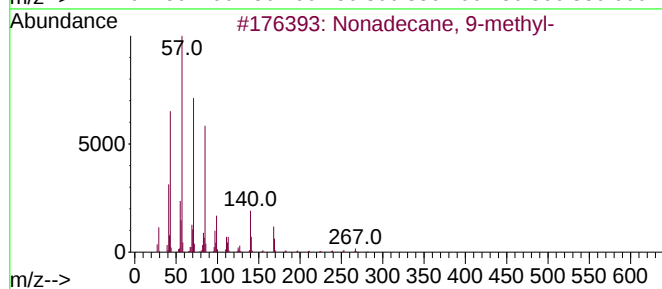
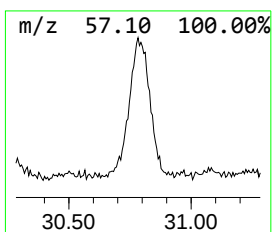
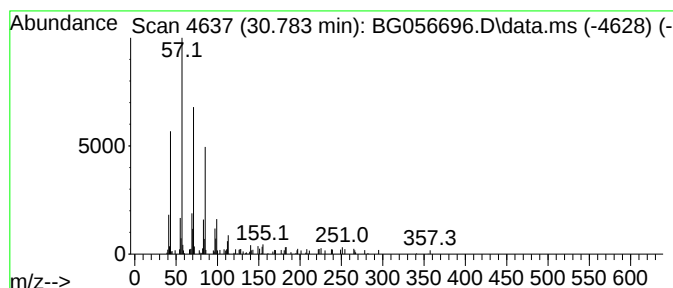
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonadecane, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.783	17.77 ng	336929	Perylene-d12	25.630

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2		Octadecane	254	C18H38	000593-45-3	91
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Heptacosane	380	C27H56	000593-49-7	86
5		Hexacosane	366	C26H54	000630-01-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
Data File : BG056696.D
Acq On : 22 Feb 2023 13:50
Operator : CG/JU
Sample : 01640-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.460	34.9	ng	181167	1	8.427	103855	20.0
Benzophenone	16.370	6.8	ng	71164	3	15.037	209593	20.0
Docosane	18.009	7.4	ng	109299	4	17.769	296466	20.0
n-Hexadecanoic ...	18.609	17.2	ng	254893	4	17.769	296466	20.0
1-Hexadecanol	19.155	4.8	ng	70846	4	17.769	296466	20.0
Heptacosane	19.220	29.4	ng	435248	4	17.769	296466	20.0
Octadecanoic acid	19.860	13.0	ng	193026	4	17.769	296466	20.0
Hexacosane	20.136	37.2	ng	569953	5	22.087	306619	20.0
Octacosane	20.930	47.1	ng	722525	5	22.087	306619	20.0
Carbonic acid, ...	21.658	13.2	ng	201727	5	22.087	306619	20.0
Octacosane, 2-m...	21.764	41.2	ng	632075	5	22.087	306619	20.0
Tetracosane	22.252	7.0	ng	106762	5	22.087	306619	20.0
Hexadecane, 1-i...	22.710	46.0	ng	705216	5	22.087	306619	20.0
Hentriacontane	22.916	8.2	ng	125696	5	22.087	306619	20.0
Heptadecane, 9-...	23.814	32.0	ng	490333	5	22.087	306619	20.0
9-Methylheneico...	25.113	26.3	ng	498443	6	25.630	379195	20.0
Tricosane, 2-me...	26.670	21.4	ng	405329	6	25.630	379195	20.0
Eicosane, 7-hexyl-	28.544	24.3	ng	460447	6	25.630	379195	20.0
.gamma.-Sitosterol	29.772	26.8	ng	508494	6	25.630	379195	20.0
Nonadecane, 9-m...	30.783	17.8	ng	336929	6	25.630	379195	20.0