

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021523\
 Data File : BM038751.D
 Acq On : 15 Feb 2023 16:58
 Operator : CG/JU
 Sample : 01538-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TEST-PIT-5-(TP5)-COMP-5

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_M\Methods\8270-BM020123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM038751.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	298	305	313	rBV	252039	348680	10.27%	2.048%
2	5.451	379	385	394	rBV	764227	1081314	31.85%	6.351%
3	6.551	565	572	578	rVB	275322	404376	11.91%	2.375%
4	7.069	652	660	674	rBV	747827	1141504	33.63%	6.704%
5	7.892	794	800	808	rVB	215566	321975	9.48%	1.891%
6	9.069	993	1000	1015	rBV	444534	697751	20.55%	4.098%
7	10.704	1270	1278	1284	rBV	262985	441372	13.00%	2.592%
8	13.163	1689	1696	1702	rBV	1448252	2003017	59.00%	11.764%
9	14.533	1919	1929	1938	rBV	463270	666993	19.65%	3.917%
10	15.898	2153	2161	2166	rBV	43491	57487	1.69%	0.338%
11	16.027	2176	2183	2196	rBV	1315787	1739603	51.24%	10.217%
12	16.674	2289	2293	2300	rVB3	19868	35007	1.03%	0.206%
13	17.280	2390	2396	2401	rBV	570813	782880	23.06%	4.598%
14	18.168	2541	2547	2557	rBV	350172	497174	14.65%	2.920%
15	19.333	2741	2745	2750	rVB	74278	106074	3.12%	0.623%
16	19.439	2759	2763	2780	rBV2	176480	276881	8.16%	1.626%
17	19.697	2804	2807	2813	rVB	73013	99235	2.92%	0.583%
18	19.897	2834	2841	2847	rBV	2859921	3394761	100.00%	19.939%
19	20.050	2864	2867	2871	rVB3	34531	40400	1.19%	0.237%
20	20.197	2888	2892	2897	rVB6	32288	54119	1.59%	0.318%
21	20.445	2930	2934	2939	rBV	120270	145060	4.27%	0.852%
22	20.639	2963	2967	2970	rBV4	23820	36588	1.08%	0.215%
23	20.692	2973	2976	2981	rVB5	55619	80665	2.38%	0.474%
24	21.150	3048	3054	3063	rVB3	206649	356141	10.49%	2.092%
25	21.362	3087	3090	3091	rBV	34644	38775	1.14%	0.228%
26	21.392	3091	3095	3100	rVV2	256893	331569	9.77%	1.947%
27	21.456	3101	3106	3111	rVV	707177	929445	27.38%	5.459%
28	23.838	3504	3511	3519	rBV2	487088	917201	27.02%	5.387%

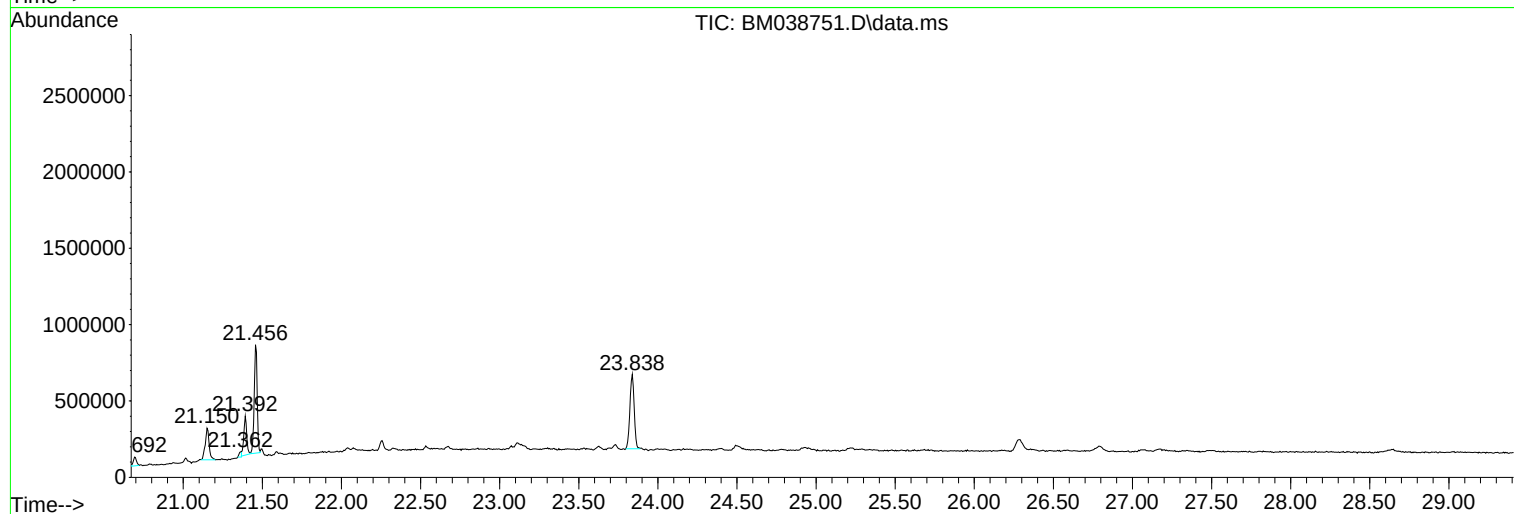
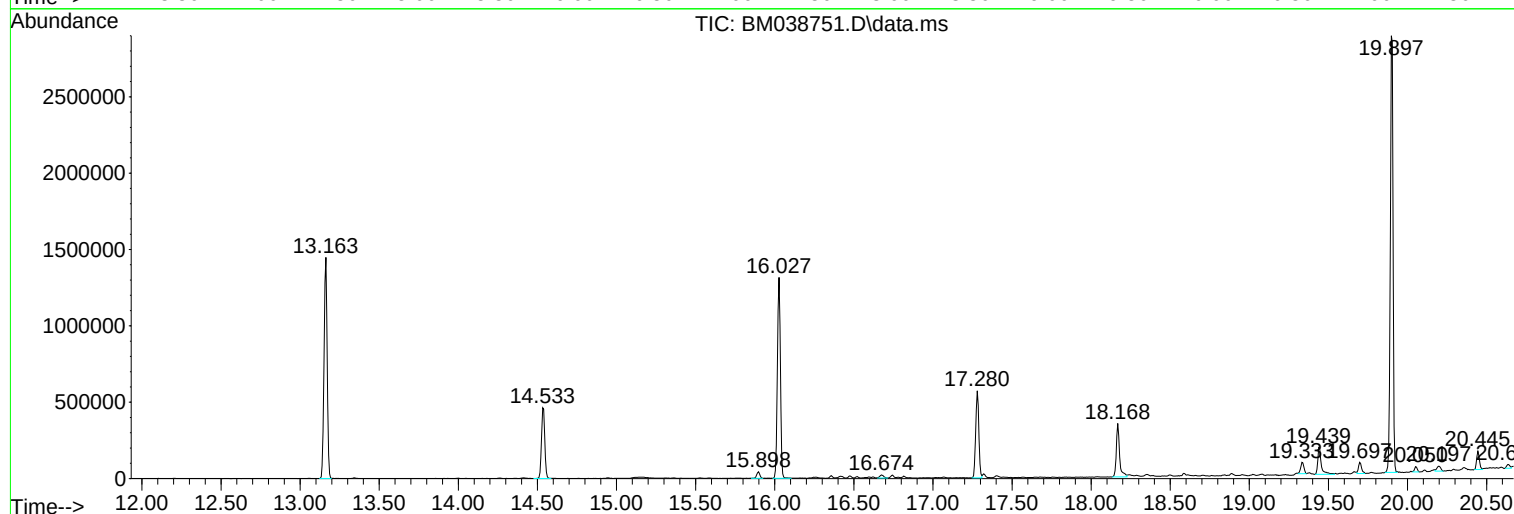
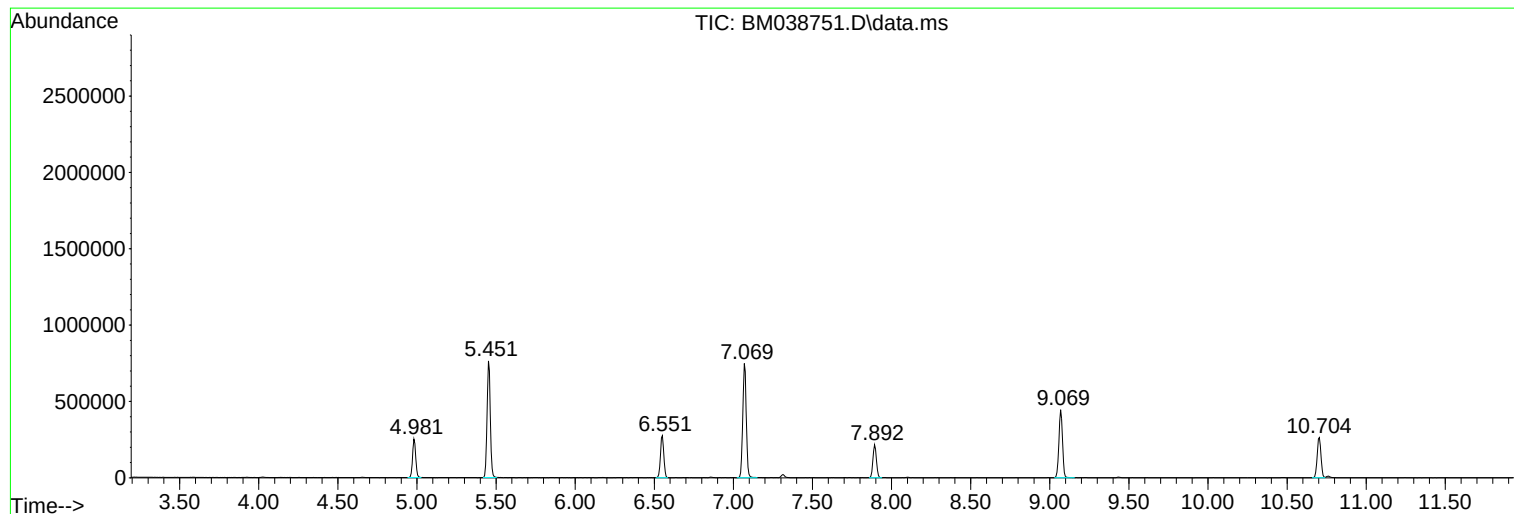
Sum of corrected areas: 17026047

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021523\
Data File : BM038751.D
Acq On : 15 Feb 2023 16:58
Operator : CG/JU
Sample : 01538-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-5-(TP5)-COMP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021523\
Data File : BM038751.D
Acq On : 15 Feb 2023 16:58
Operator : CG/JU
Sample : 01538-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-5-(TP5)-COMP-5

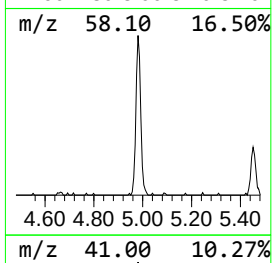
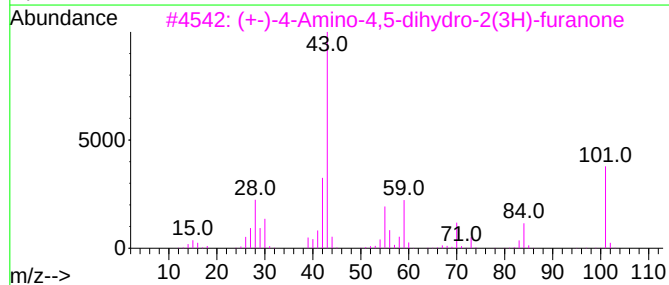
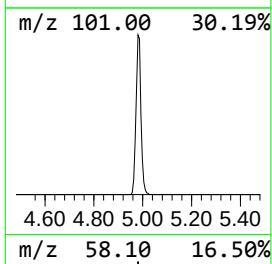
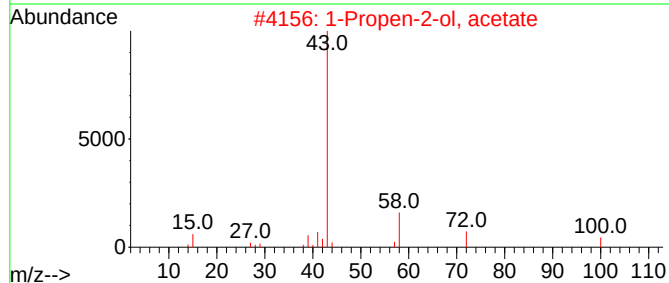
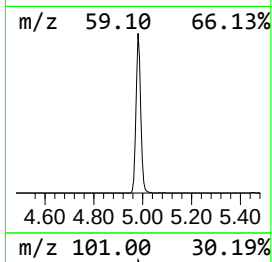
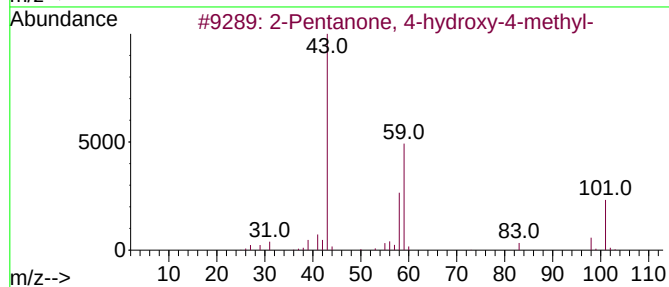
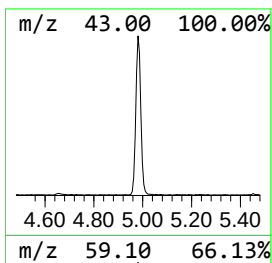
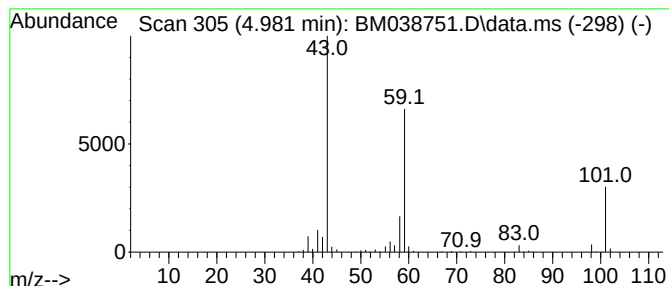
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.981	21.66 ng	348680	1,4-Dichlorobenzene-d4	7.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72		
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
3	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9		
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021523\
Data File : BM038751.D
Acq On : 15 Feb 2023 16:58
Operator : CG/JU
Sample : 01538-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-5-(TP5)-COMP-5

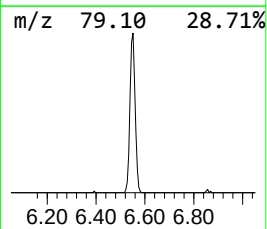
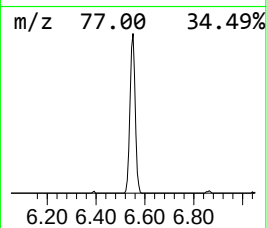
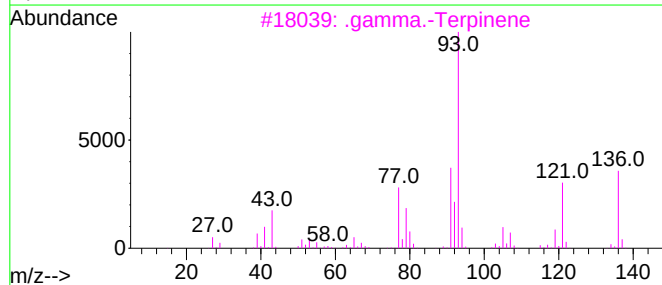
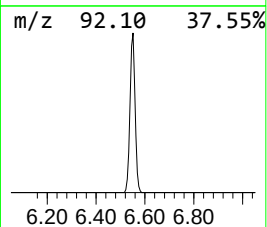
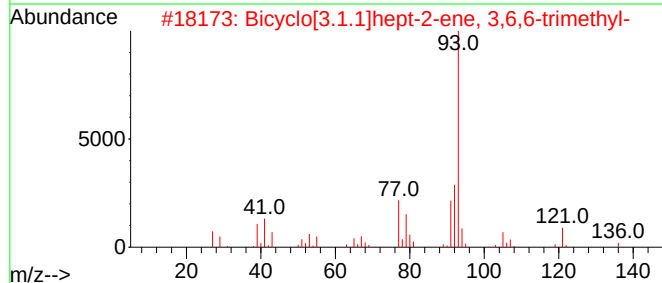
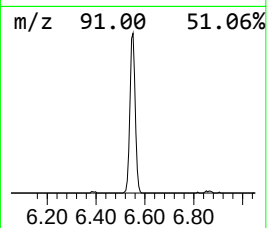
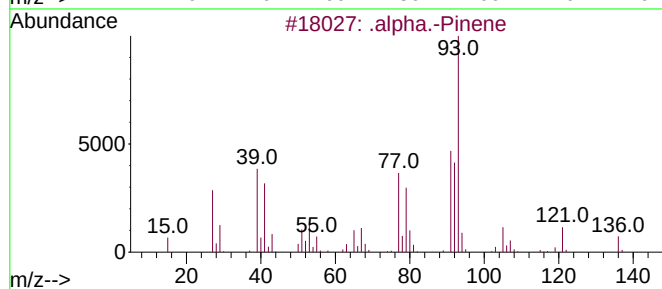
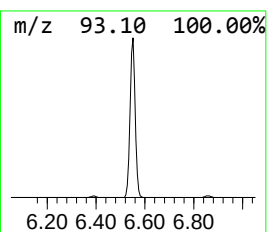
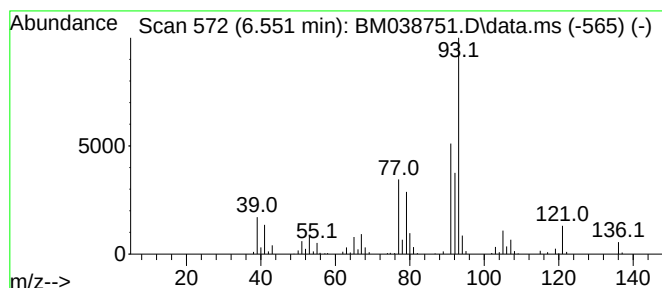
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.551	25.12 ng	404376	1,4-Dichlorobenzene-d4	7.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	95
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	91
3	.gamma.-Terpinene			136	C10H16	000099-85-4	91
4	(1R)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-70-8	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...			136	C10H16	000508-32-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021523\
Data File : BM038751.D
Acq On : 15 Feb 2023 16:58
Operator : CG/JU
Sample : 01538-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-5-(TP5)-COMP-5

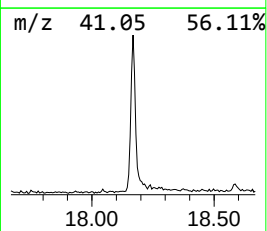
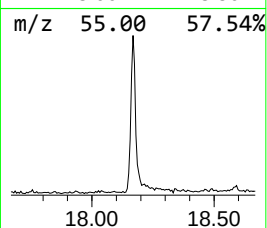
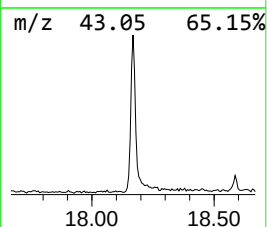
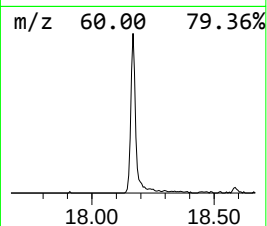
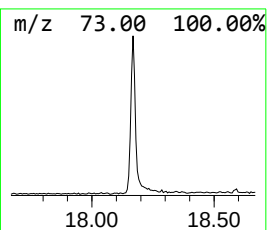
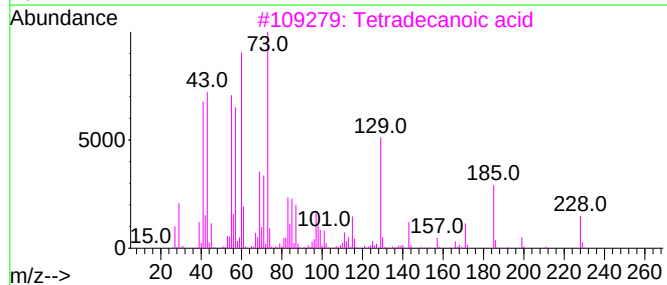
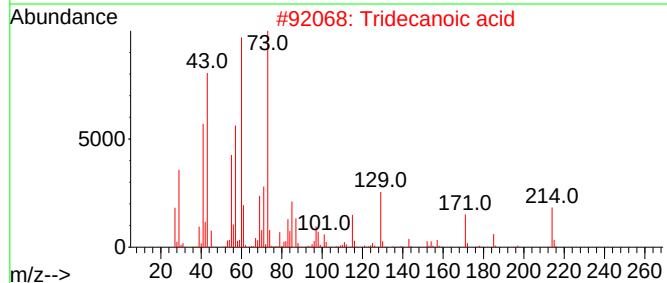
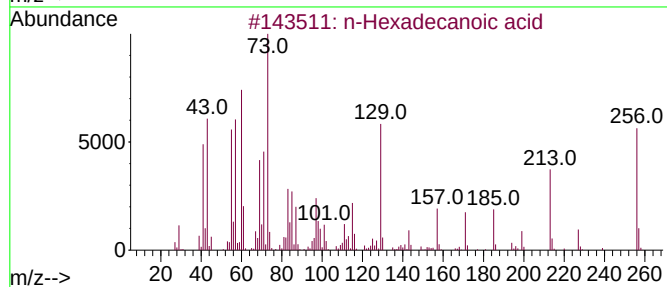
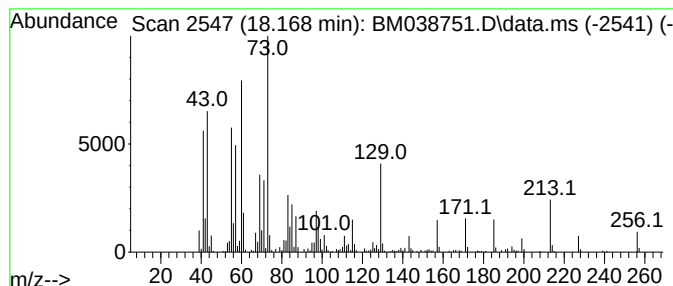
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	12.70 ng	497174	Phenanthrene-d10	17.280

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	62
5			n-Decanoic acid	172	C10H20O2	000334-48-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021523\
Data File : BM038751.D
Acq On : 15 Feb 2023 16:58
Operator : CG/JU
Sample : 01538-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-5-(TP5)-COMP-5

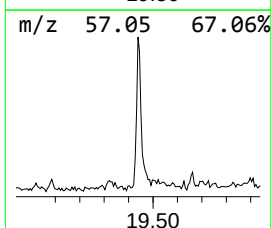
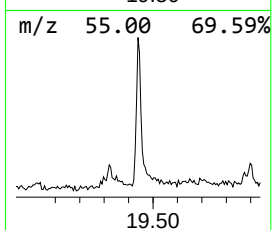
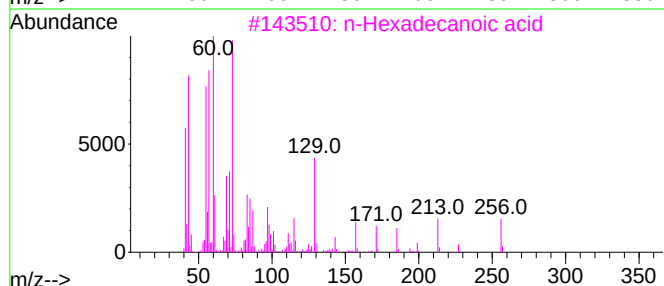
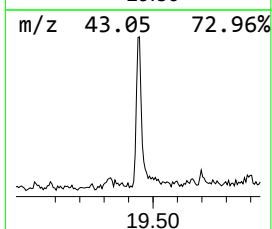
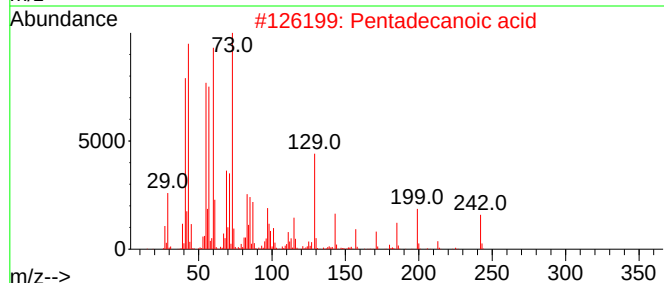
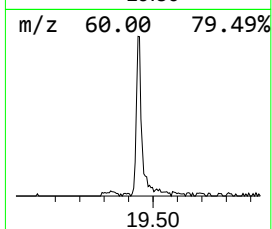
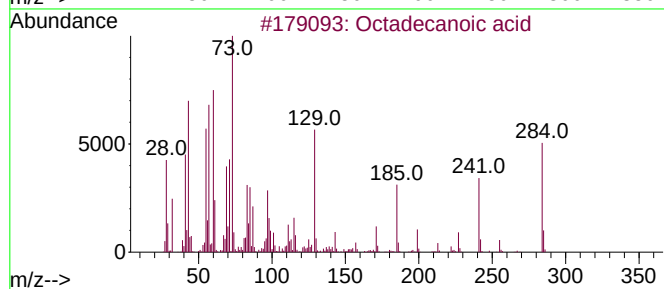
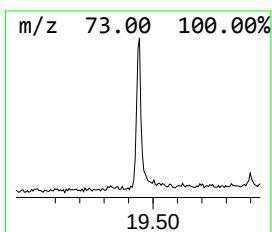
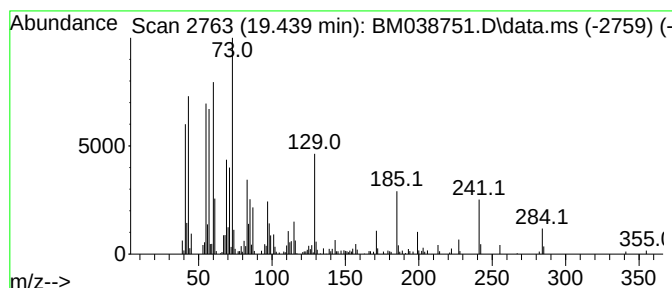
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	5.96 ng	276881	Chrysene-d12	21.456

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021523\
Data File : BM038751.D
Acq On : 15 Feb 2023 16:58
Operator : CG/JU
Sample : 01538-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

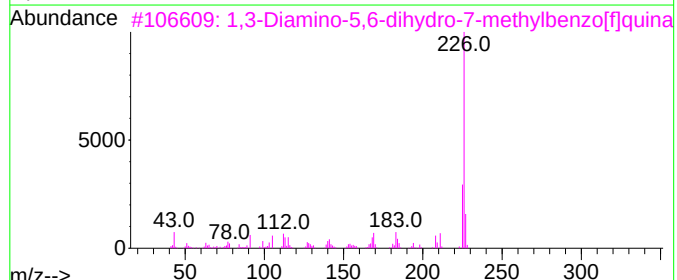
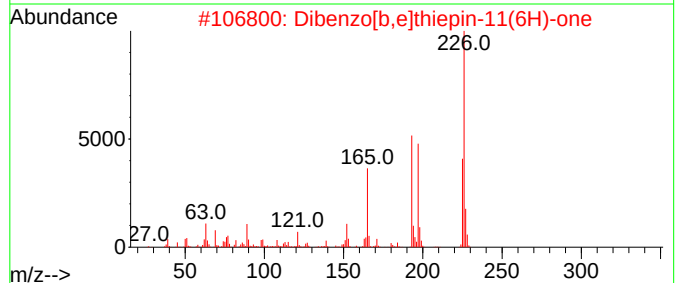
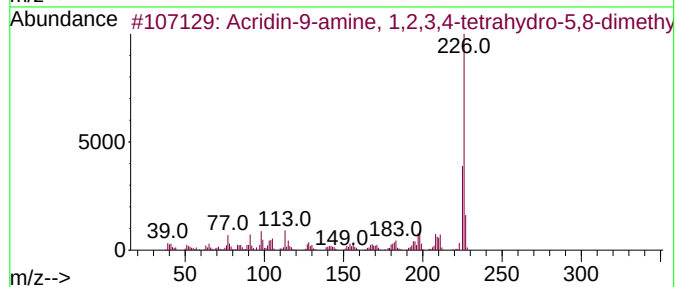
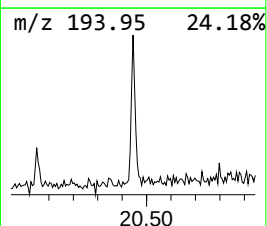
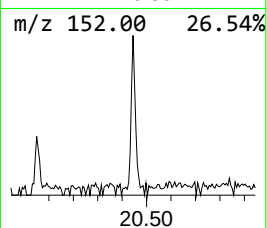
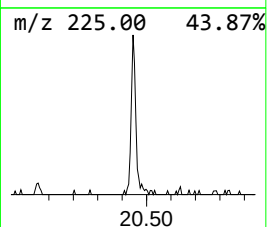
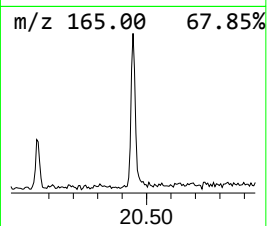
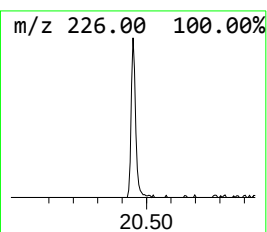
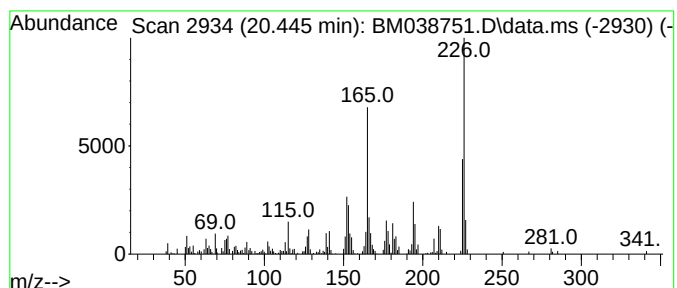
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-5-(TP5)-COMP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.445	3.12 ng	145060	Chrysene-d12	21.456	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	60
2	Dibenzo[b,e]thiepin-11(6H)-one	226	C14H10O5	001531-77-7	52
3	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	46
4	9H-Carbazole, 9-methyl-3-nitro-	226	C13H10N2O2	061166-05-0	41
5	Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021523\
Data File : BM038751.D
Acq On : 15 Feb 2023 16:58
Operator : CG/JU
Sample : 01538-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

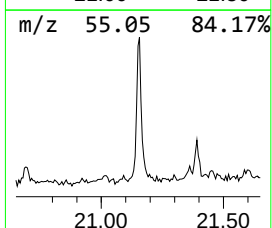
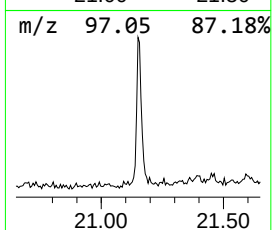
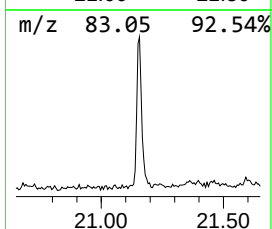
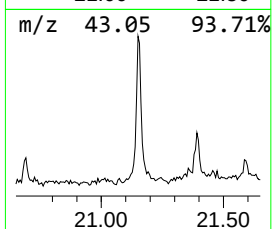
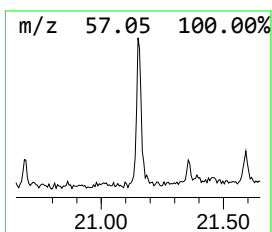
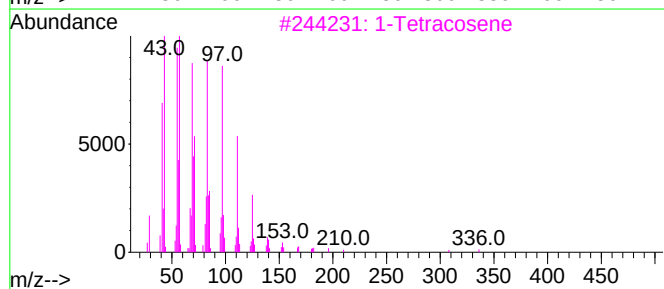
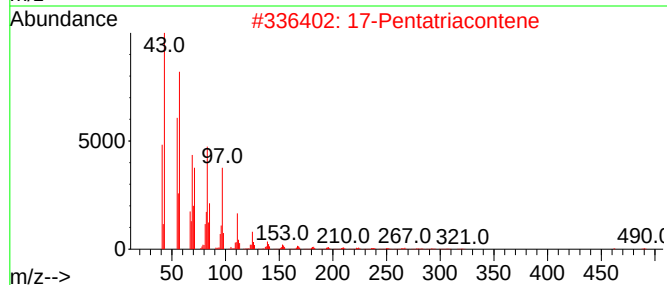
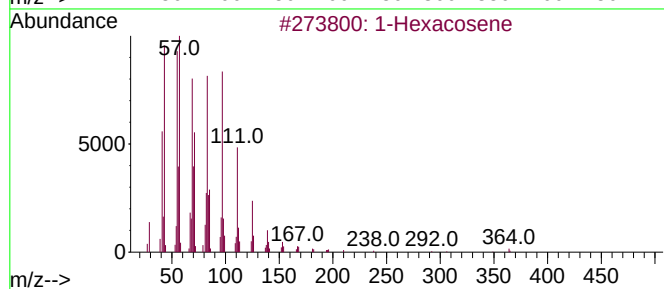
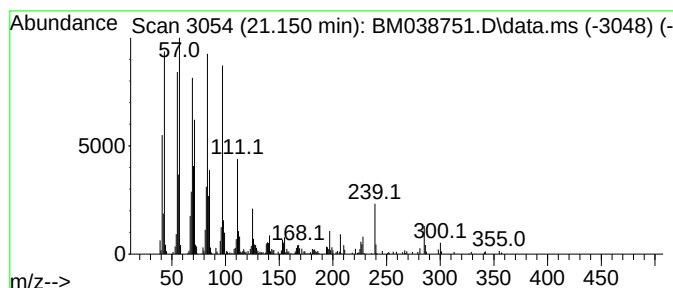
Instrument :
BNA_M
ClientSampleId :
TEST-PIT-5-(TP5)-COMP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Hexacosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.150	7.66 ng	356141	Chrysene-d12	21.456	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	93
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	1-Tetracosene	336	C24H48	010192-32-2	90
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	Pentacos-1-ene	350	C25H50	016980-85-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021523\
Data File : BM038751.D
Acq On : 15 Feb 2023 16:58
Operator : CG/JU
Sample : 01538-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-5-(TP5)-COMP-5

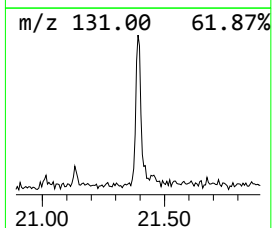
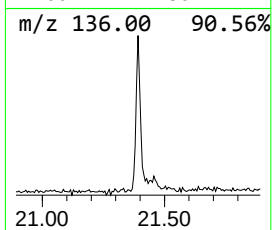
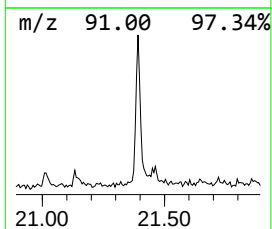
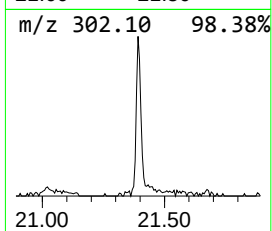
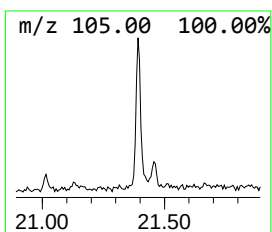
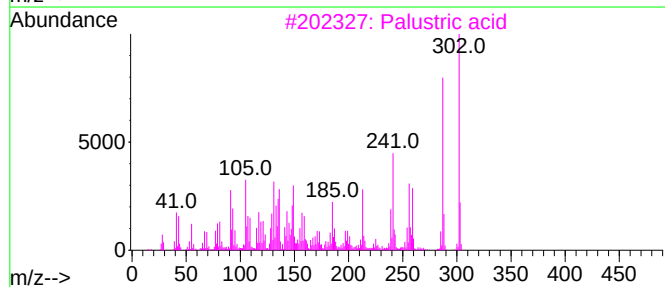
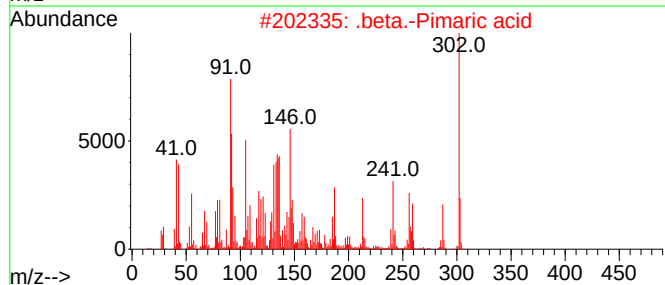
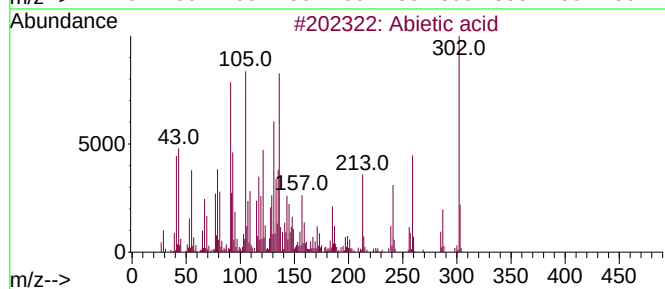
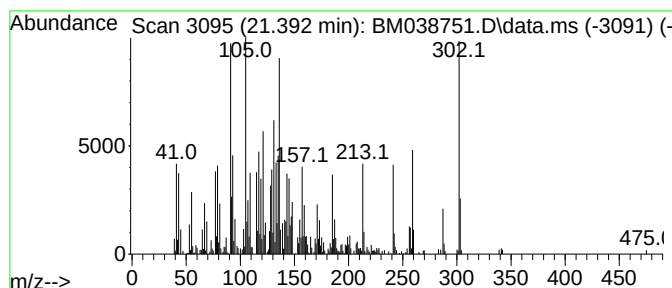
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Abietic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.392	7.13 ng	331569	Chrysene-d12	21.456

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Abietic acid	302	C20H30O2	000514-10-3	99
2			.beta.-Pimaric acid	302	C20H30O2	000079-54-9	58
3			Palustic acid	302	C20H30O2	001945-53-5	43
4			1,2-Benzenediamine, N,N-dimethyl-	136	C8H12N2	002836-03-5	25
5			Testololactone	302	C19H26O3	1010126-89-5	20



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021523\
Data File : BM038751.D
Acq On : 15 Feb 2023 16:58
Operator : CG/JU
Sample : 01538-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TEST-PIT-5-(TP5)-COMP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.981	21.7	ng	348680	1	7.892	321975	20.0
.alpha.-Pinene	6.551	25.1	ng	404376	1	7.892	321975	20.0
n-Hexadecanoic ...	18.168	12.7	ng	497174	4	17.280	782880	20.0
Octadecanoic acid	19.439	6.0	ng	276881	5	21.456	929445	20.0
Acridin-9-amine...	20.445	3.1	ng	145060	5	21.456	929445	20.0
1-Hexacosene	21.150	7.7	ng	356141	5	21.456	929445	20.0
Abietic acid	21.392	7.1	ng	331569	5	21.456	929445	20.0