

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039266.D
 Acq On : 31 Mar 2023 23:04
 Operator : CG/JU
 Sample : 02070-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOILPILE-1-0323

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-BM032923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039266.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.011	285	293	303	rBV	1407022	1945225	27.67%	3.807%
2	5.475	366	372	386	rBV	3275181	4623801	65.76%	9.048%
3	7.087	637	646	664	rBV	2933994	4657476	66.24%	9.114%
4	7.916	780	787	796	rBV	870374	1330730	18.93%	2.604%
5	8.293	842	851	860	rVB	42290	75419	1.07%	0.148%
6	9.087	978	986	1003	rBV	1799385	2959231	42.09%	5.791%
7	10.728	1255	1265	1270	rBV	1063631	1772412	25.21%	3.468%
8	10.775	1270	1273	1289	rVB	395362	650166	9.25%	1.272%
9	12.387	1541	1547	1555	rVB	150307	237729	3.38%	0.465%
10	12.610	1577	1585	1595	rVB	86486	143065	2.03%	0.280%
11	13.187	1676	1683	1697	rBV	3958608	5715168	81.29%	11.184%
12	14.416	1877	1892	1897	rBV3	36234	104753	1.49%	0.205%
13	14.563	1906	1917	1923	rBV	1436918	2060459	29.31%	4.032%
14	14.628	1923	1928	1936	rVB	221996	326457	4.64%	0.639%
15	14.963	1980	1985	1992	rBV	133790	206265	2.93%	0.404%
16	15.610	2089	2095	2105	rBV	169198	253755	3.61%	0.497%
17	15.922	2140	2148	2156	rBV	217347	311574	4.43%	0.610%
18	16.051	2163	2170	2190	rBV	2916609	4250087	60.45%	8.317%
19	17.310	2378	2384	2388	rBV	1660205	2295088	32.64%	4.491%
20	17.351	2388	2391	2397	rVB	531973	709466	10.09%	1.388%
21	17.445	2402	2407	2411	rVB	85396	128590	1.83%	0.252%
22	17.722	2446	2454	2462	rBV	59772	117280	1.67%	0.230%
23	18.204	2530	2536	2546	rBV2	512120	932984	13.27%	1.826%
24	18.386	2563	2567	2571	rBV	53530	77045	1.10%	0.151%
25	19.368	2729	2734	2739	rBV	411169	538526	7.66%	1.054%
26	19.416	2739	2742	2748	rVB2	60865	83869	1.19%	0.164%
27	19.480	2749	2753	2764	rBV2	196423	369867	5.26%	0.724%
28	19.733	2787	2796	2804	rBV	300412	589517	8.38%	1.154%
29	19.933	2825	2830	2835	rBV	5988352	7030948	100.00%	13.759%
30	21.198	3041	3045	3056	rVB2	682309	976355	13.89%	1.911%
31	21.492	3090	3095	3099	rBV	2230427	2891427	41.12%	5.658%
32	23.903	3499	3505	3512	rBV2	1442391	2736474	38.92%	5.355%

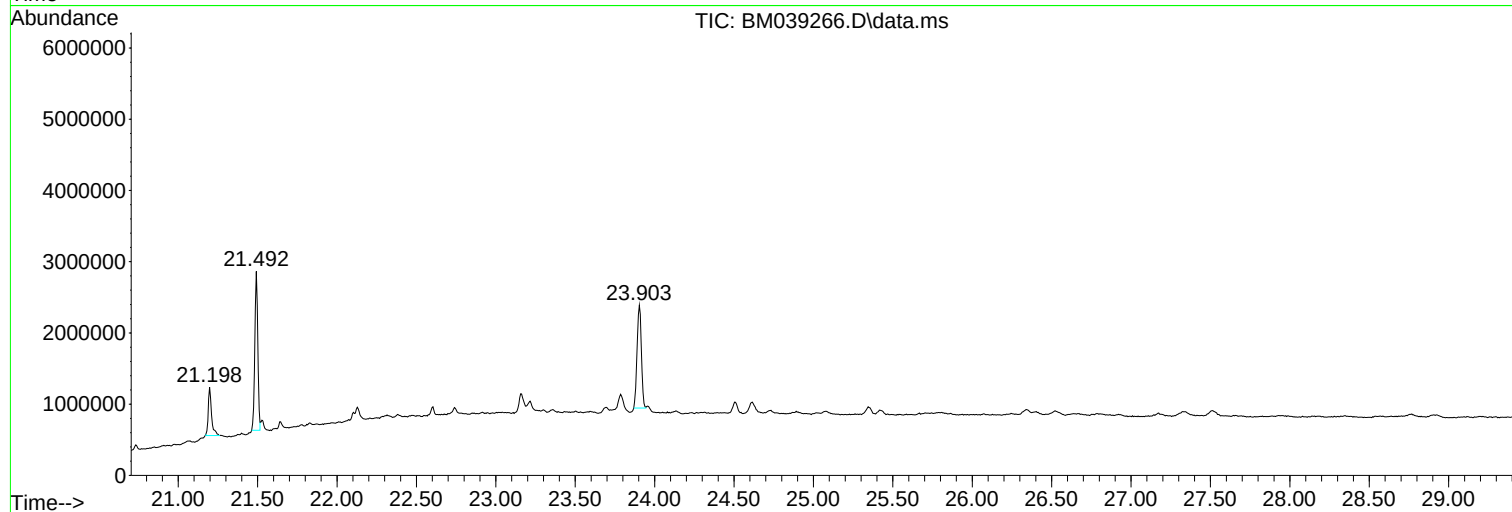
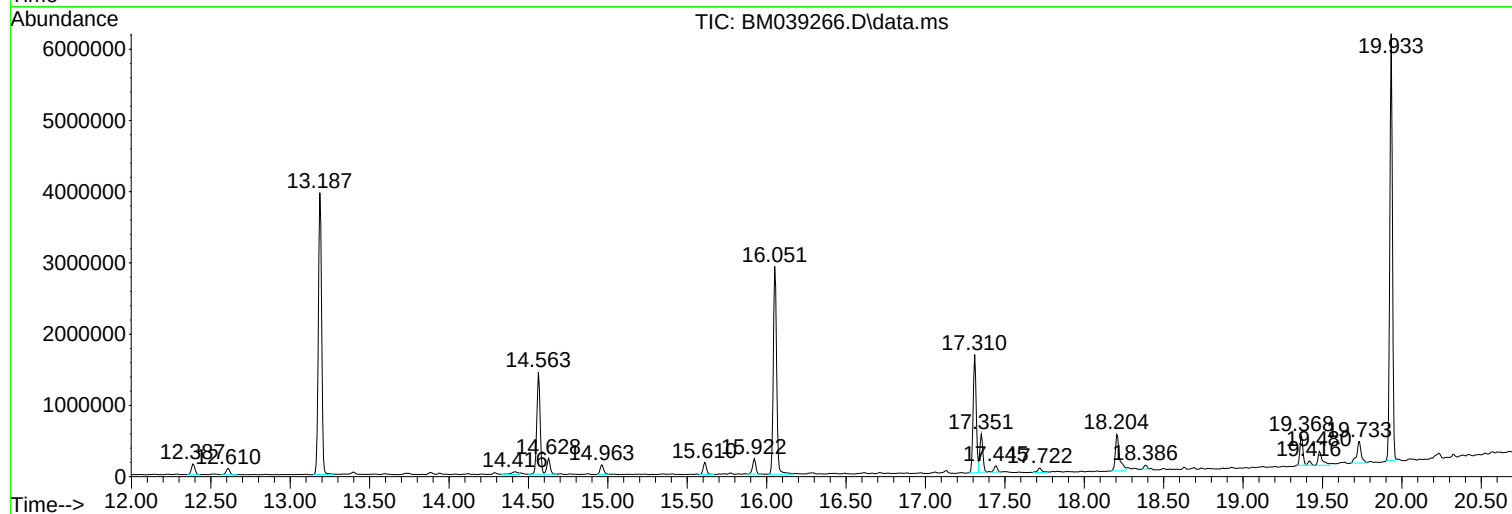
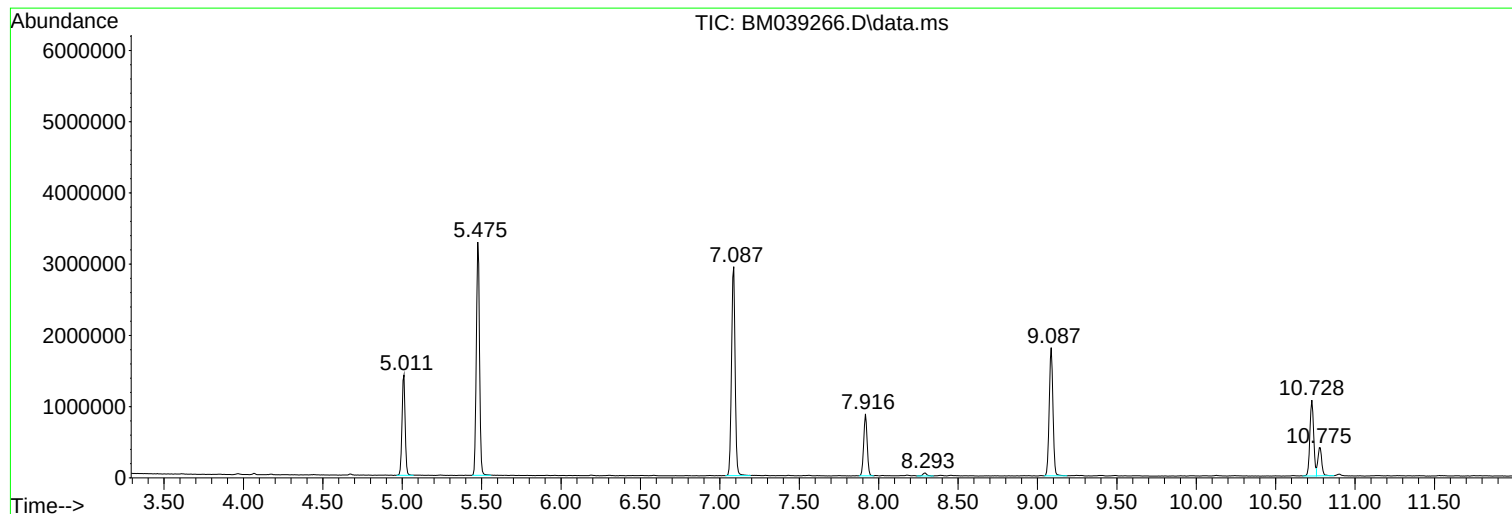
Sum of corrected areas: 51101208

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039266.D
Acq On : 31 Mar 2023 23:04
Operator : CG/JU
Sample : 02070-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SOILPILE-1-0323

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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\BM033123\
Data File : BM039266.D
Acq On : 31 Mar 2023 23:04
Operator : CG/JU
Sample : 02070-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SOILPILE-1-0323

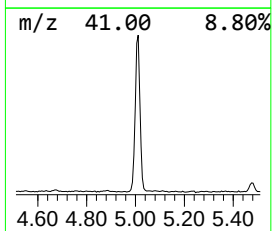
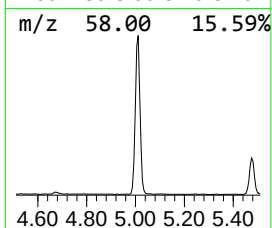
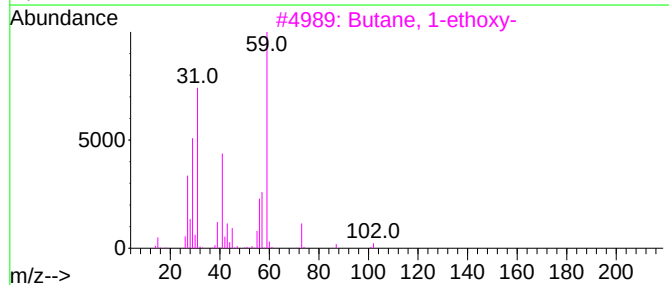
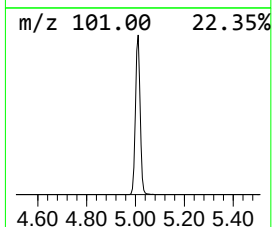
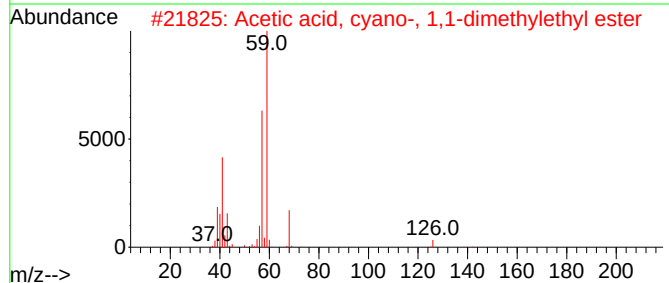
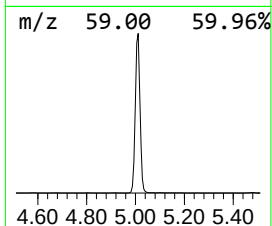
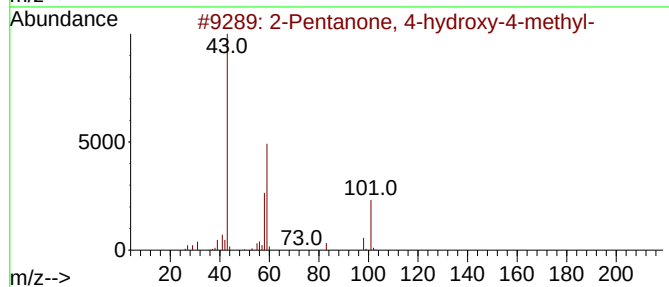
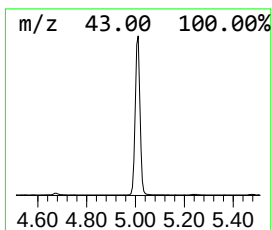
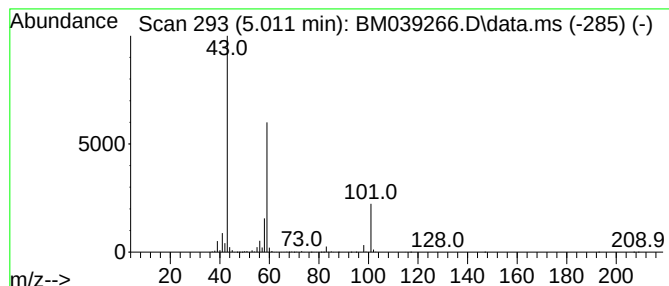
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.011	29.24 ng	1945230	1,4-Dichlorobenzene-d4	7.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039266.D
Acq On : 31 Mar 2023 23:04
Operator : CG/JU
Sample : 02070-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SOILPILE-1-0323

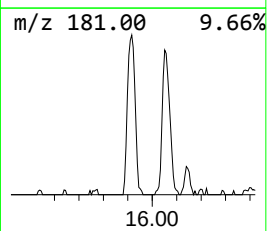
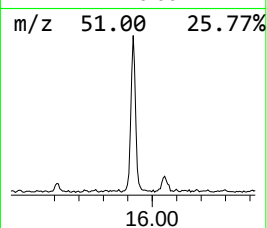
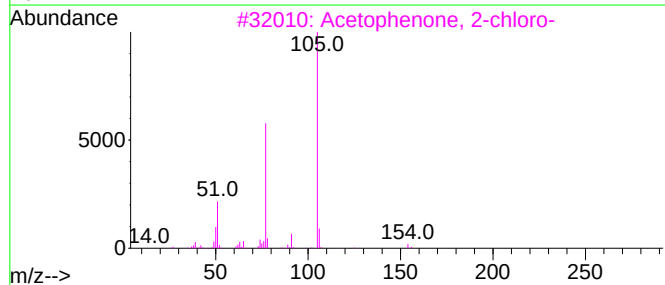
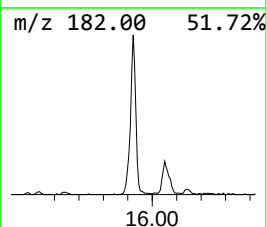
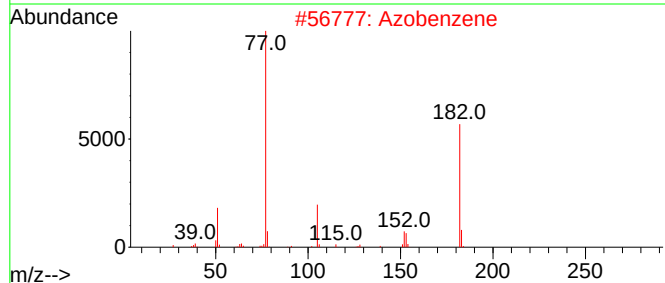
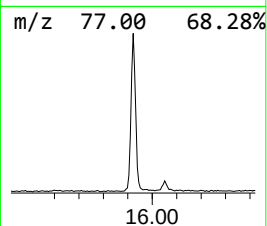
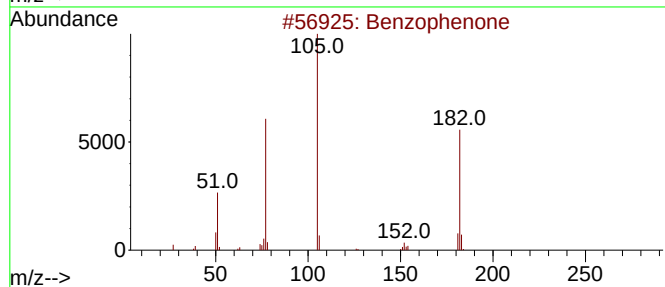
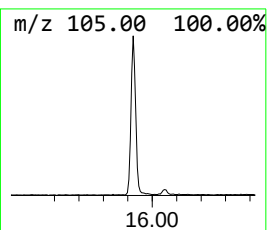
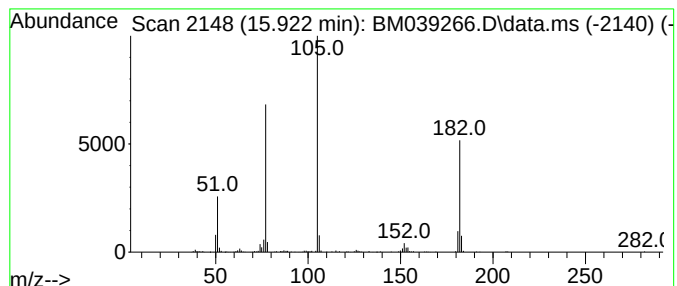
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.922	3.02 ng	311574	Acenaphthene-d10	14.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	64
3			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4			Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5			1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039266.D
Acq On : 31 Mar 2023 23:04
Operator : CG/JU
Sample : 02070-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SOILPILE-1-0323

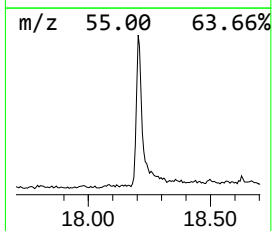
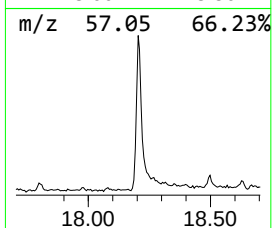
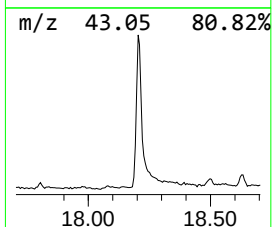
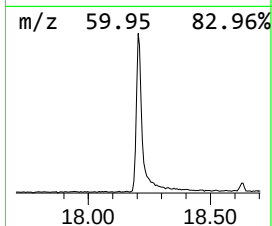
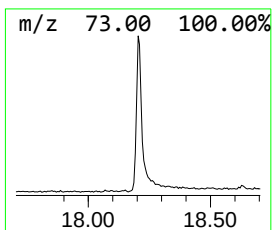
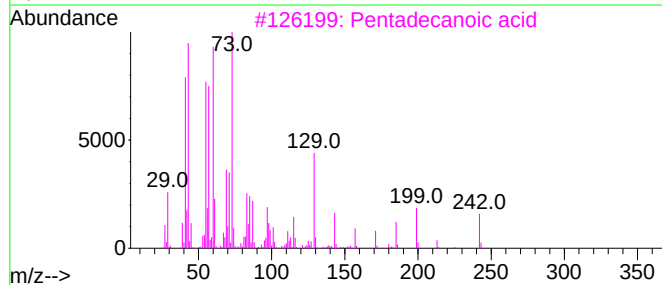
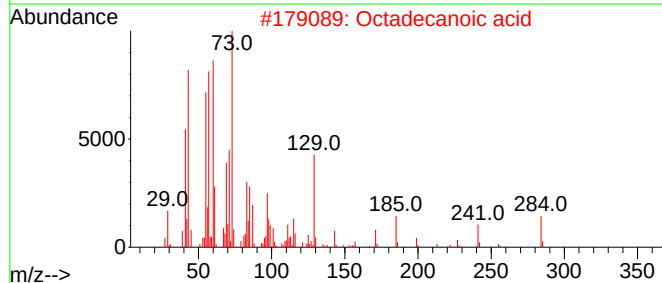
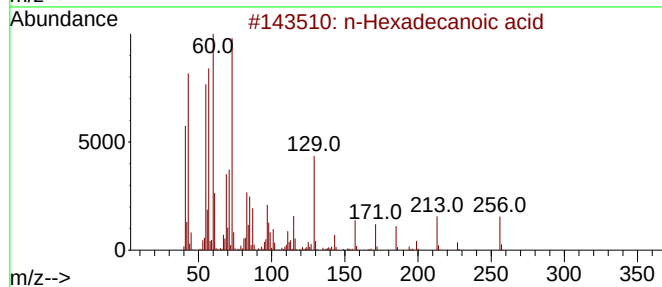
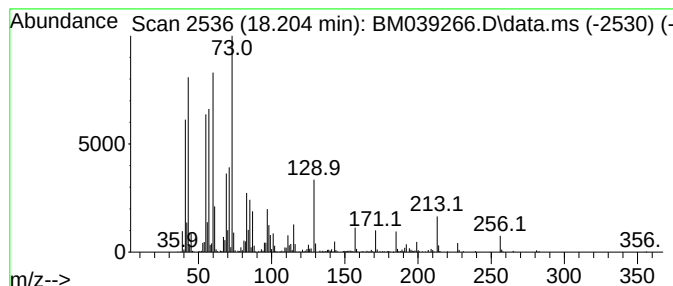
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.204	8.13 ng	932984	Phenanthrene-d10	17.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5			Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039266.D
Acq On : 31 Mar 2023 23:04
Operator : CG/JU
Sample : 02070-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SOILPILE-1-0323

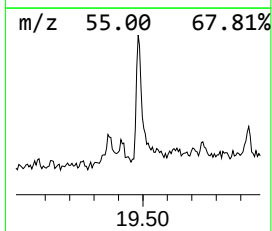
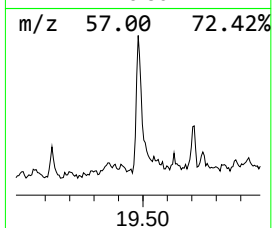
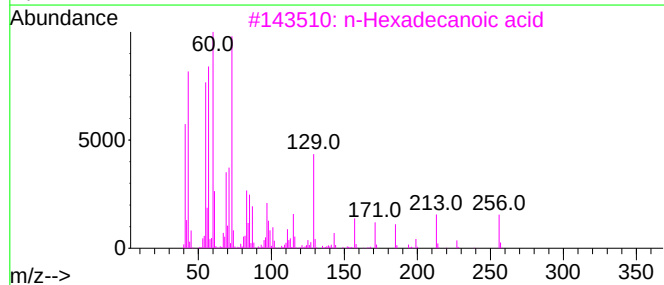
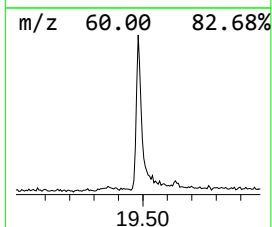
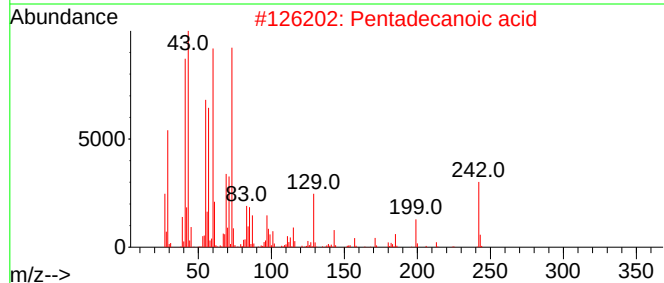
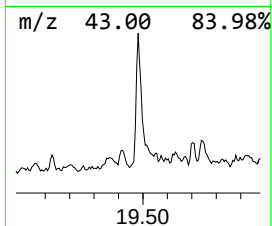
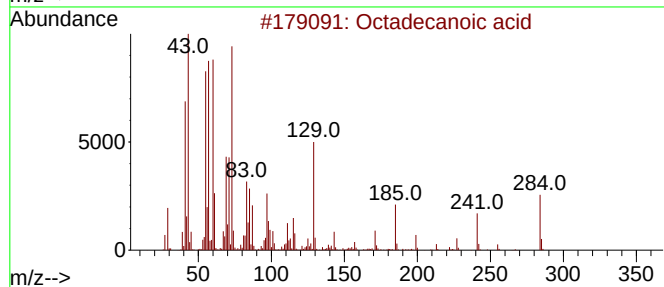
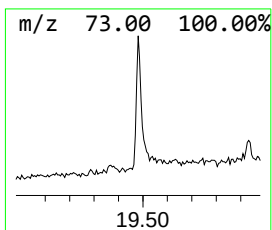
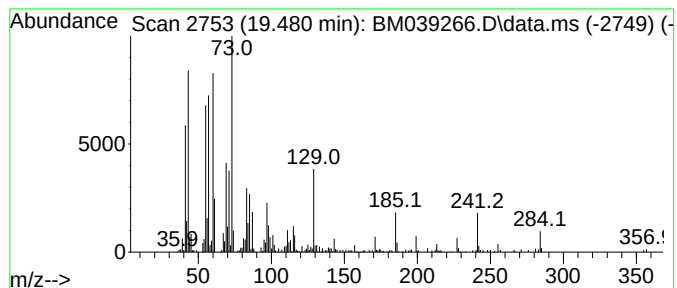
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.480	2.56 ng	369867	Chrysene-d12	21.492

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	91
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039266.D
Acq On : 31 Mar 2023 23:04
Operator : CG/JU
Sample : 02070-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SOILPILE-1-0323

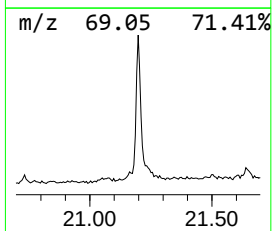
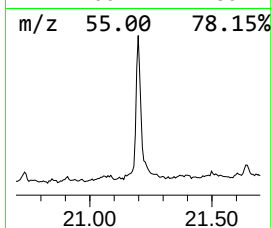
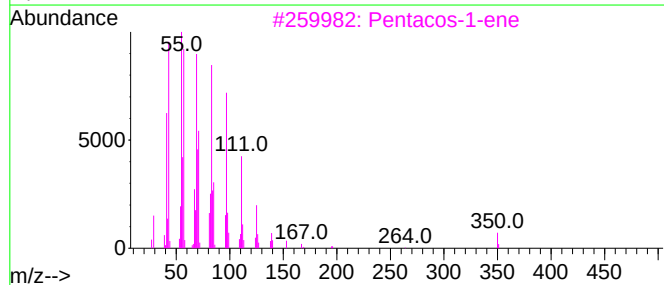
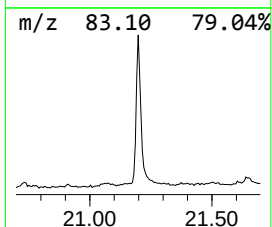
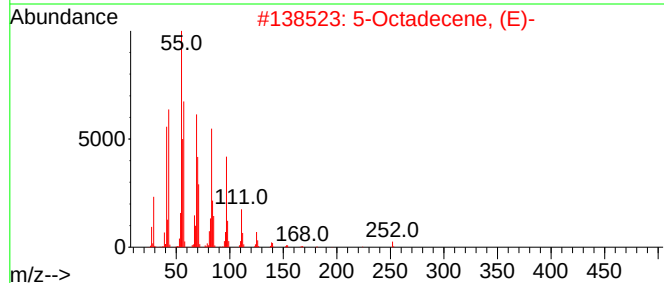
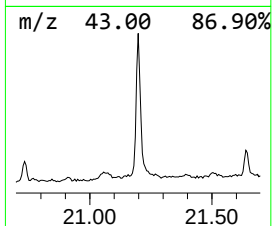
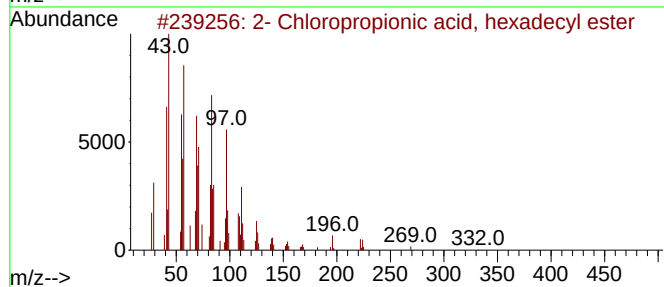
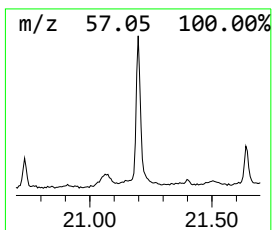
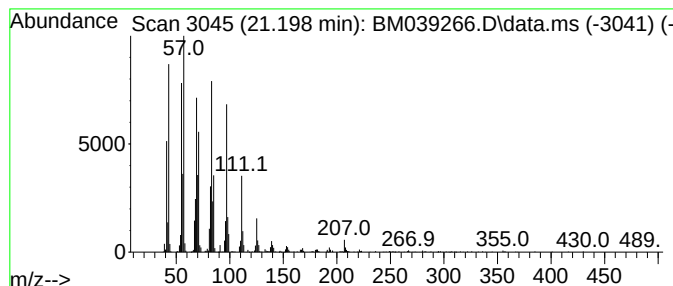
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2- Chloropropionic acid, he... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	6.75 ng	976355	Chrysene-d12	21.492

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-	Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	95	
2	5-Octadecene, (E)-		252	C18H36	007206-21-5	94	
3	Pentacos-1-ene		350	C25H50	016980-85-1	94	
4	Dichloroacetic acid, heptadecyl ...		366	C19H36Cl2O2	1000282-98-2	94	
5	Cyclopentadecane		210	C15H30	000295-48-7	93	



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039266.D
Acq On : 31 Mar 2023 23:04
Operator : CG/JU
Sample : 02070-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SOILPILE-1-0323

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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-...	5.011	29.2	ng	1945230	1	7.916	1330730	20.0
Benzophenone	15.922	3.0	ng	311574	3	14.563	2060460	20.0
n-Hexadecanoic ...	18.204	8.1	ng	932984	4	17.310	2295090	20.0
Octadecanoic acid	19.480	2.6	ng	369867	5	21.492	2891430	20.0
2- Chloropropio...	21.198	6.8	ng	976355	5	21.492	2891430	20.0