

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039265.D
 Acq On : 31 Mar 2023 22:27
 Operator : CG/JU
 Sample : 02070-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SOILPILE-2-0323

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: BM039265.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	286	293	304	rVB	1869287	2509424	33.49%	4.341%
2	5.475	366	372	392	rBV	4140584	5944176	79.34%	10.282%
3	7.087	638	646	661	rBV	3844923	5966188	79.63%	10.320%
4	7.916	780	787	794	rBV	943134	1480750	19.76%	2.561%
5	9.086	978	986	1001	rBV	2405544	3860465	51.53%	6.678%
6	10.728	1254	1265	1271	rBV	1187310	1957686	26.13%	3.386%
7	10.780	1271	1274	1280	rVB	92326	140166	1.87%	0.242%
8	12.386	1540	1547	1554	rBV	159211	252188	3.37%	0.436%
9	12.610	1577	1585	1592	rVB	119709	198928	2.66%	0.344%
10	13.186	1676	1683	1706	rBV	5198638	7398856	98.75%	12.799%
11	14.410	1883	1891	1902	rBV3	35133	112769	1.51%	0.195%
12	14.563	1908	1917	1923	rBV	1502192	2186714	29.19%	3.783%
13	14.627	1923	1928	1937	rVB	209580	320853	4.28%	0.555%
14	14.963	1978	1985	1995	rBV	127651	207228	2.77%	0.358%
15	15.610	2089	2095	2107	rVB	125524	189404	2.53%	0.328%
16	15.921	2141	2148	2154	rBV	282384	400388	5.34%	0.693%
17	16.051	2161	2170	2197	rBV	3433657	5052361	67.43%	8.740%
18	17.309	2378	2384	2388	rBV	1643568	2214070	29.55%	3.830%
19	17.351	2388	2391	2397	rVB	284068	383124	5.11%	0.663%
20	17.445	2402	2407	2411	rVB	68421	108324	1.45%	0.187%
21	17.721	2443	2454	2460	rBV	63240	125854	1.68%	0.218%
22	18.203	2531	2536	2546	rBV	483277	865757	11.56%	1.498%
23	19.368	2726	2734	2740	rBV	316264	482674	6.44%	0.835%
24	19.480	2749	2753	2764	rBV2	195993	347885	4.64%	0.602%
25	19.733	2787	2796	2804	rBV	229392	456578	6.09%	0.790%
26	19.933	2825	2830	2835	rBV	6367494	7492293	100.00%	12.960%
27	20.733	2963	2966	2970	rBV2	109559	124098	1.66%	0.215%
28	21.197	3041	3045	3050	rBV	778225	1013009	13.52%	1.752%
29	21.492	3090	3095	3100	rBV	2027420	2628558	35.08%	4.547%
30	21.644	3118	3121	3125	rBV2	118383	136788	1.83%	0.237%
31	23.156	3375	3378	3385	rBV2	302674	504049	6.73%	0.872%
32	23.903	3499	3505	3512	rVB2	1429954	2748026	36.68%	4.754%

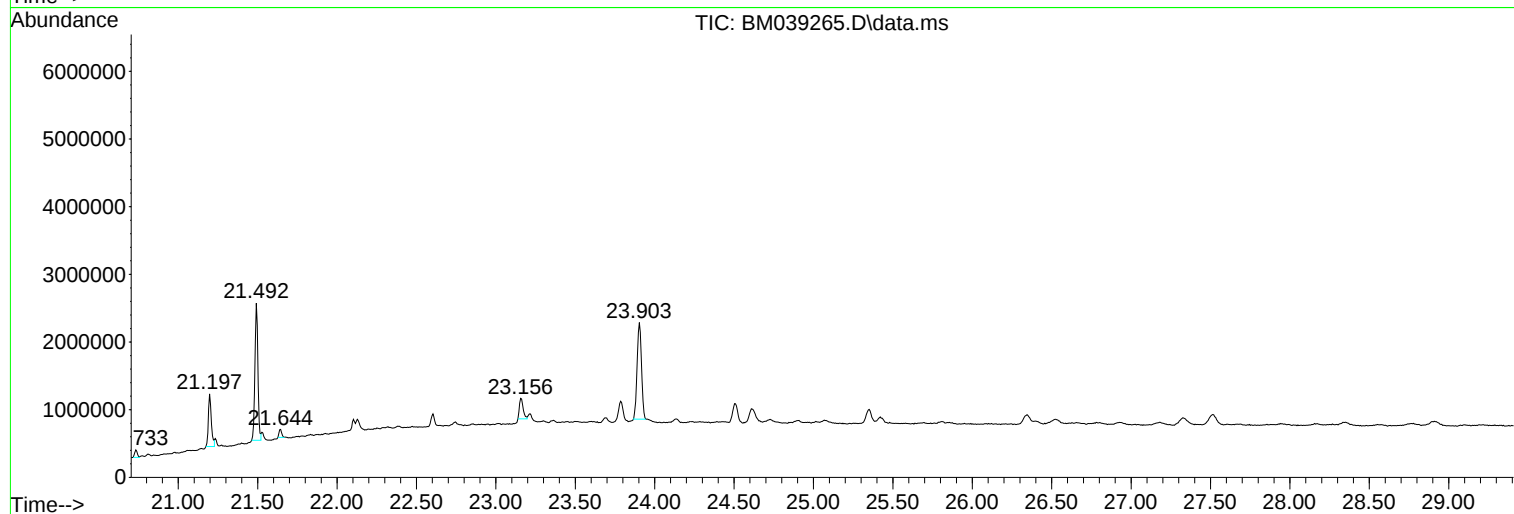
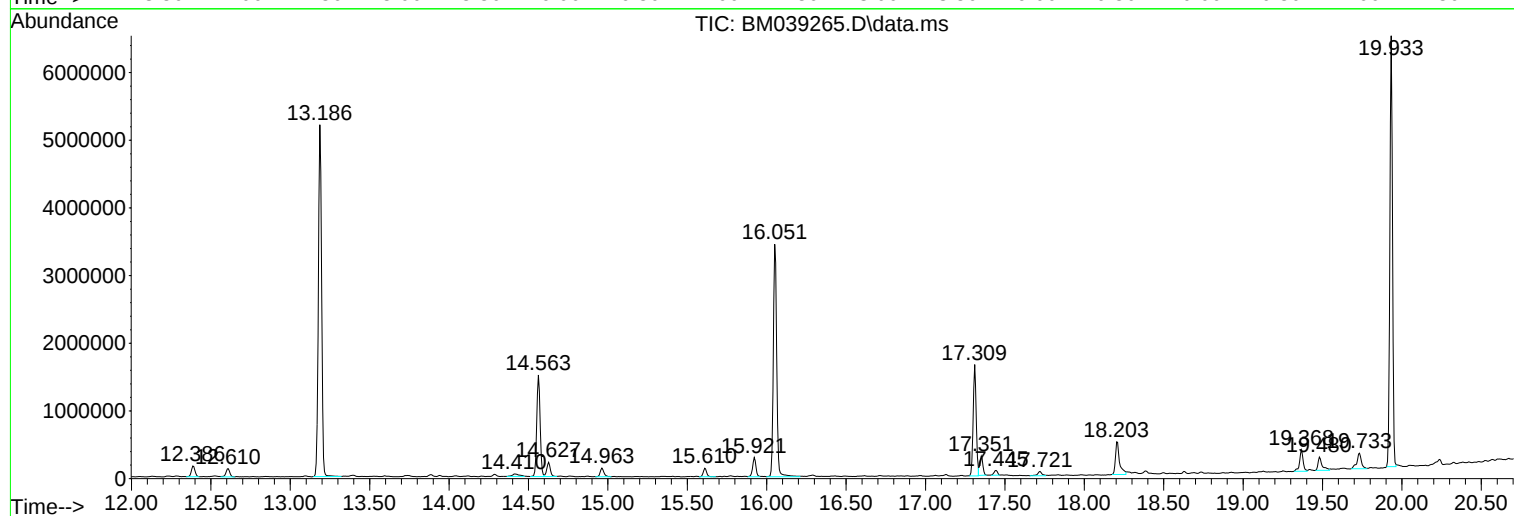
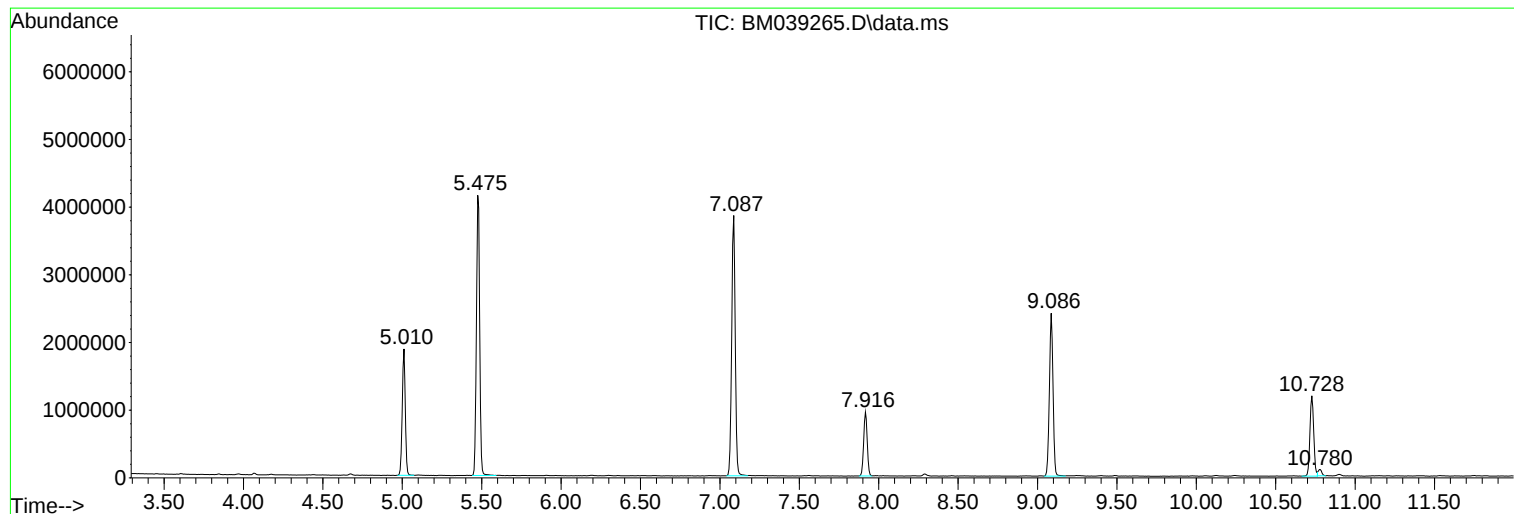
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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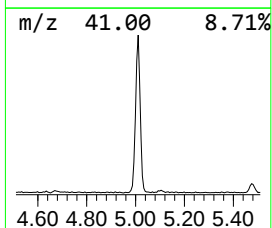
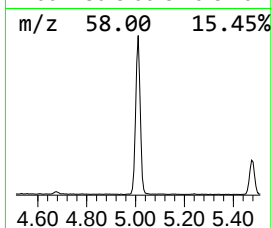
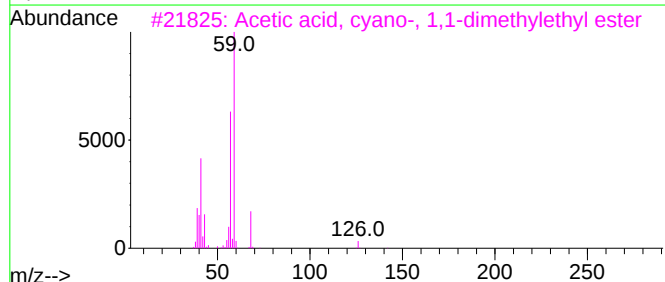
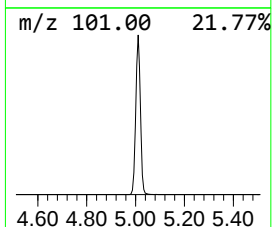
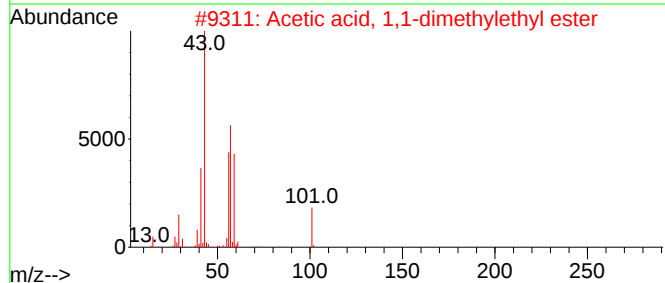
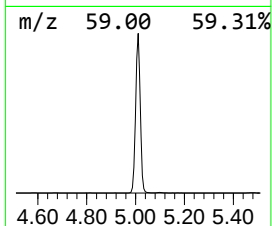
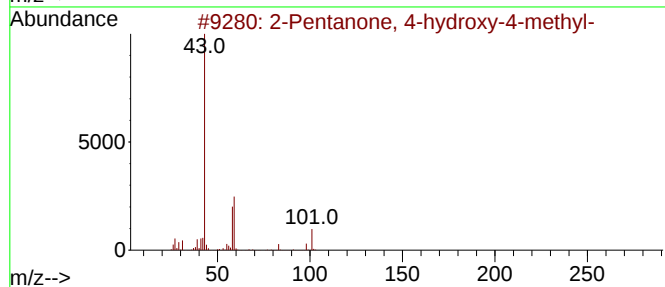
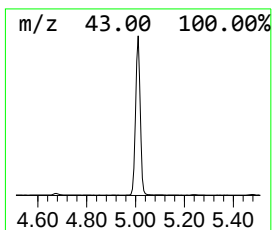
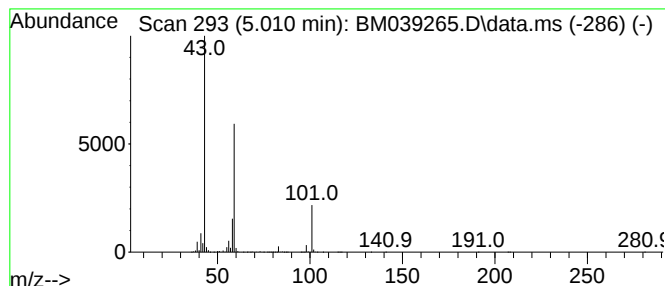
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.010	33.89 ng	2509420	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	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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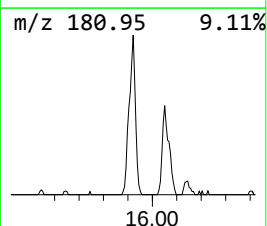
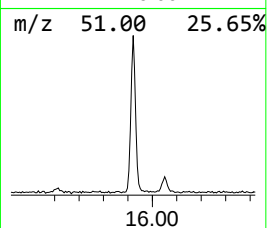
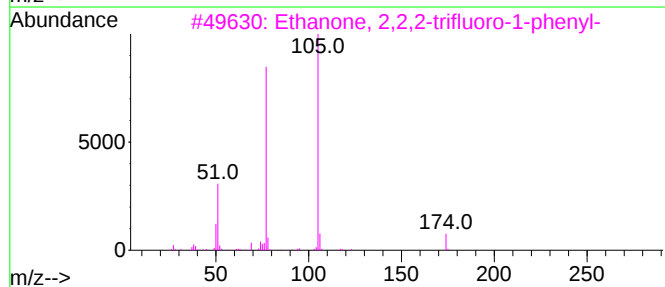
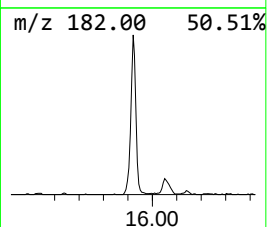
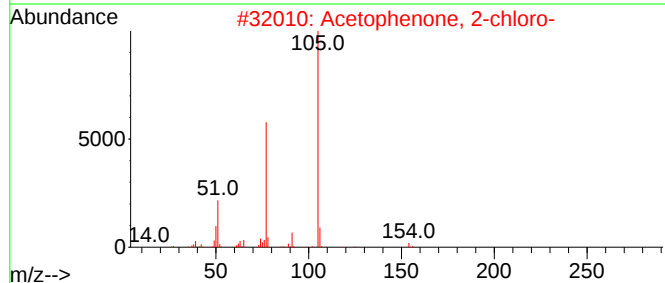
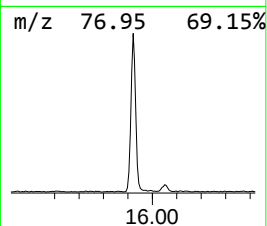
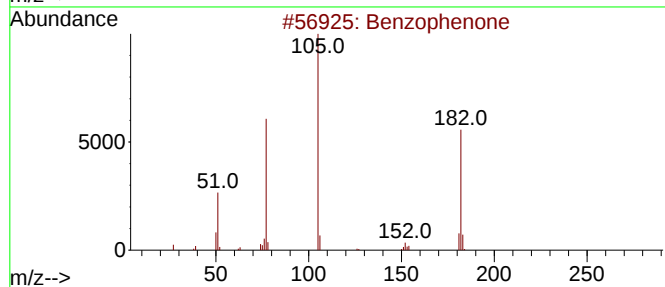
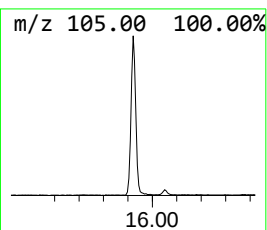
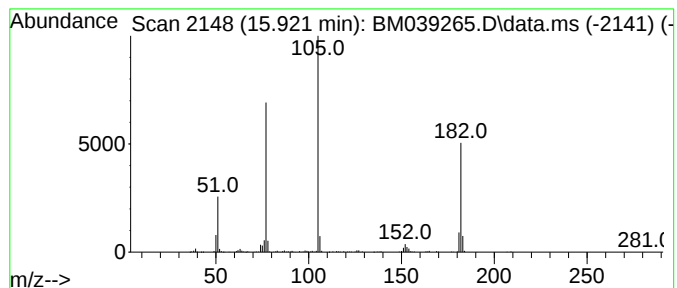
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Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.921	3.66 ng	400388	Acenaphthene-d10	14.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3			Ethanone, 2,2,2-trifluoro-1-phenyl-	174	C8H5F3O	000434-45-7	47
4			N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	47
5			Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	47



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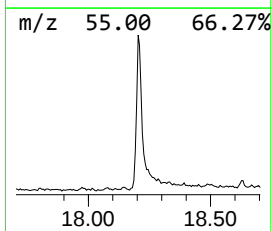
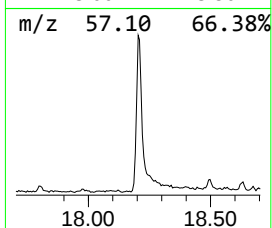
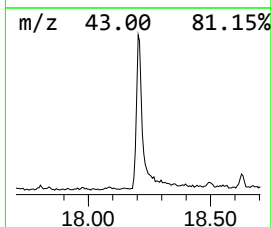
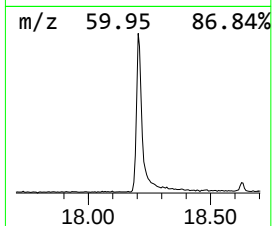
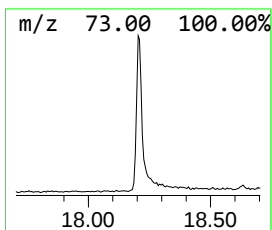
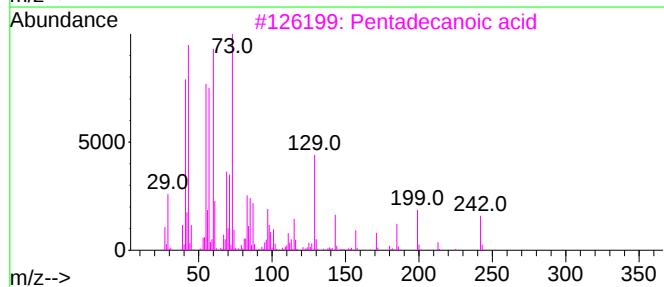
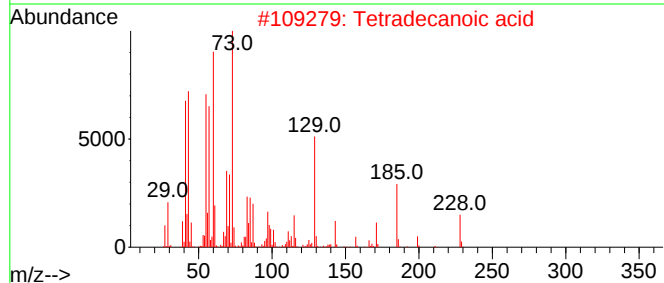
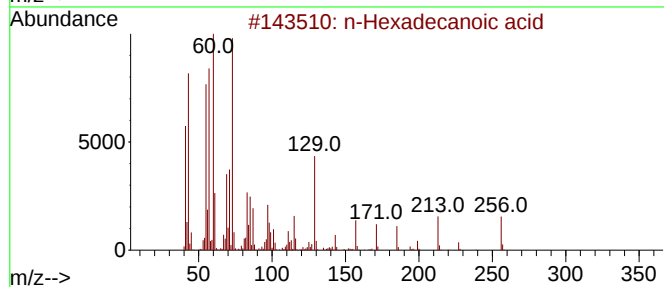
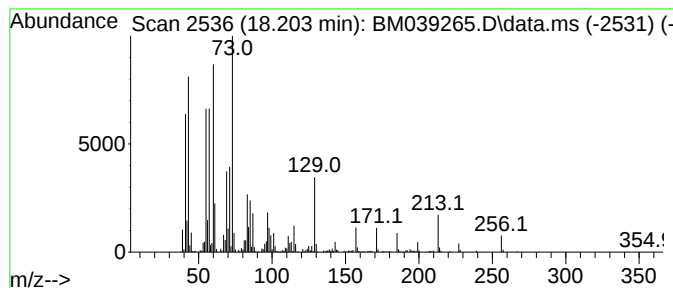
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.203	7.82 ng	865757	Phenanthrene-d10	17.309

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4			Tridecanoic acid	214	C13H26O2	000638-53-9	80
5			Nonanoic acid	158	C9H18O2	000112-05-0	49



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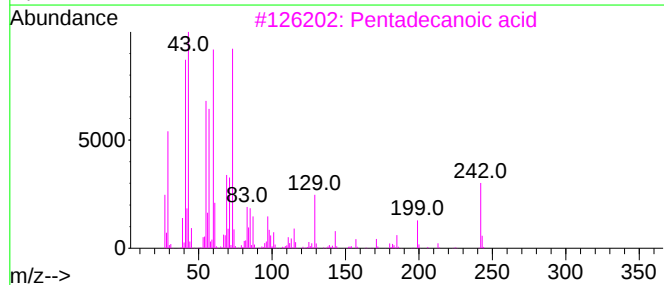
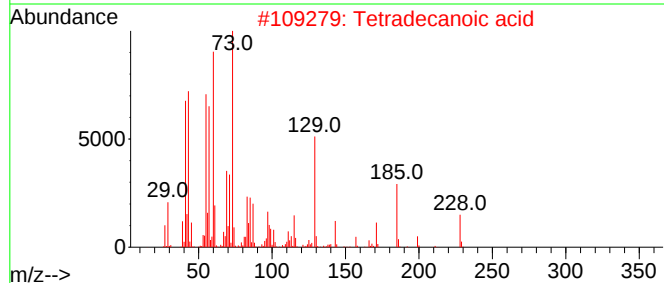
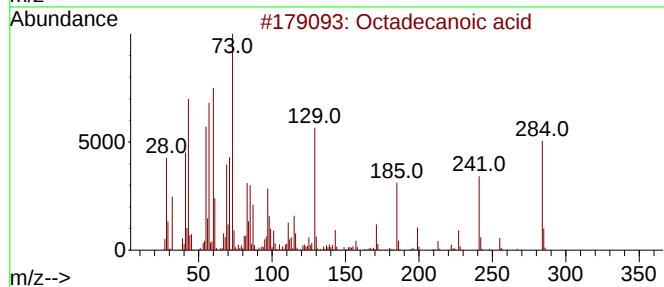
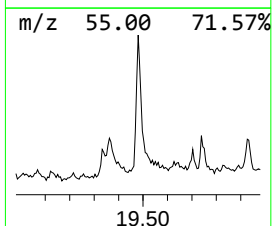
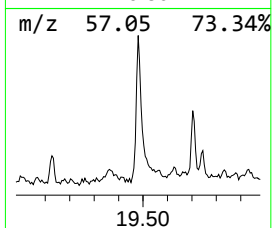
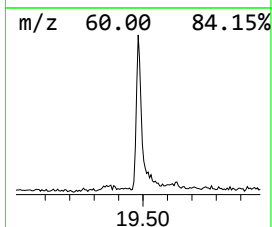
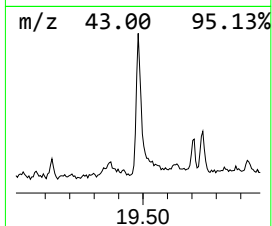
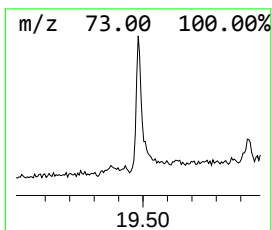
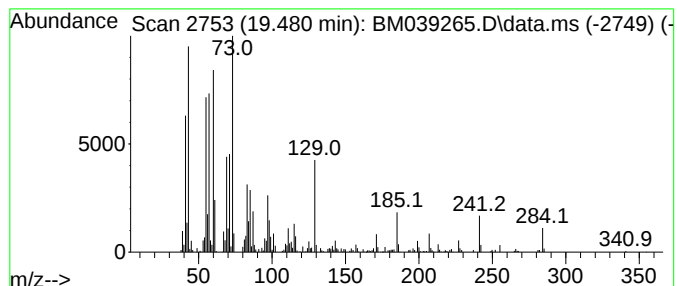
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Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.480	2.65 ng	347885	Chrysene-d12	21.491

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5			Tridecanoic acid	214	C13H26O2	000638-53-9	76



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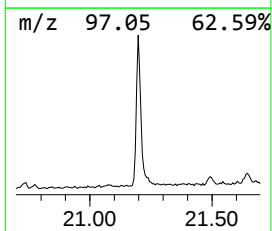
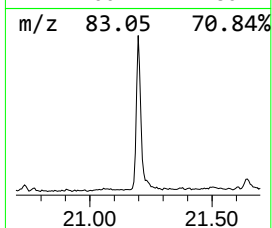
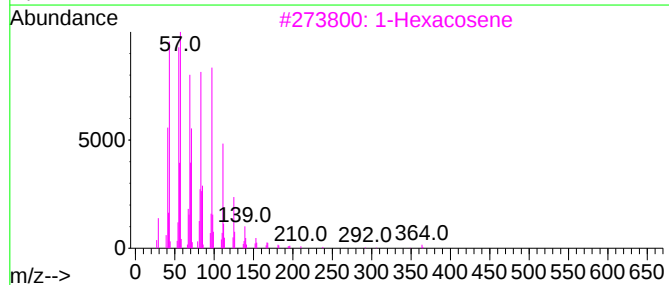
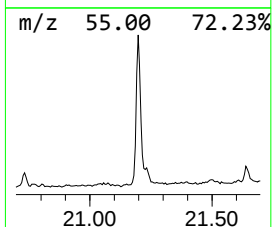
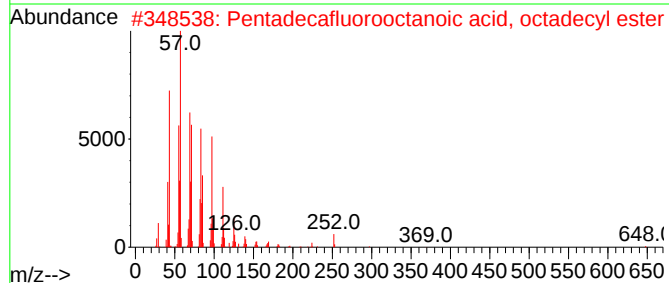
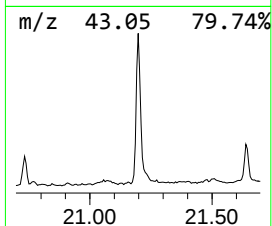
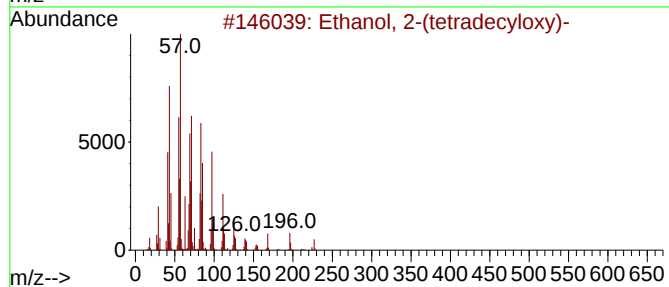
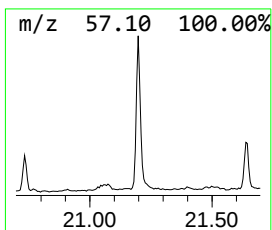
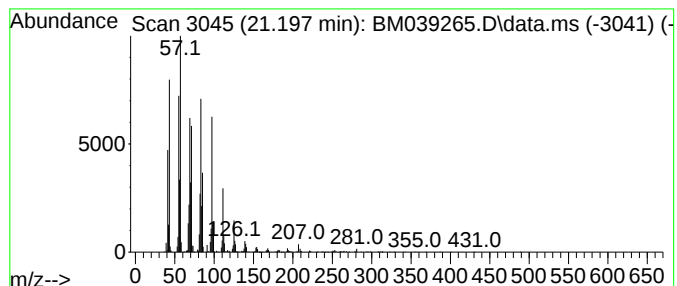
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Peak Number 6 Ethanol, 2-(tetradecyloxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.197	7.71 ng	1013010	Chrysene-d12	21.491

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	98
2			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
3			1-Hexacosene	364	C26H52	018835-33-1	94
4			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5			17-Pentatriacontene	491	C35H70	006971-40-0	90



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ClientSampleId :
SOILPILE-2-0323

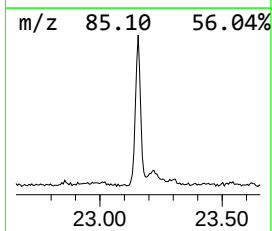
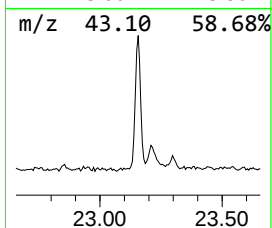
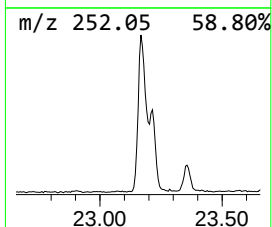
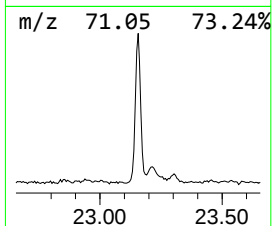
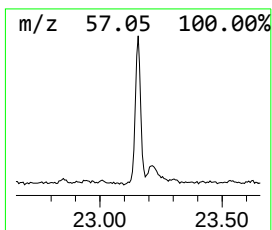
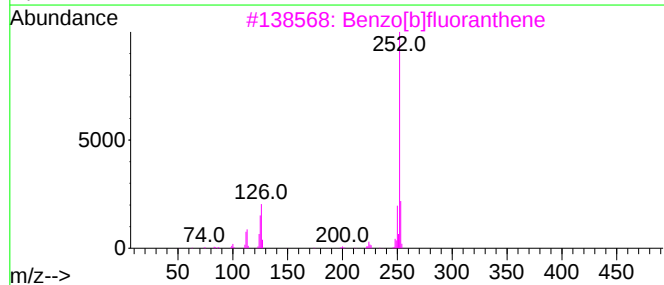
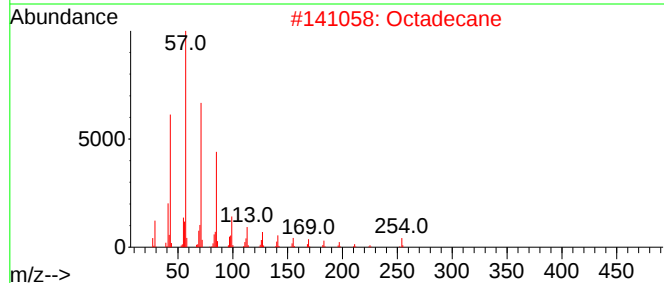
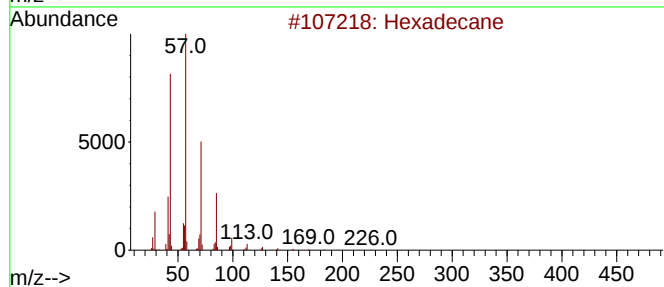
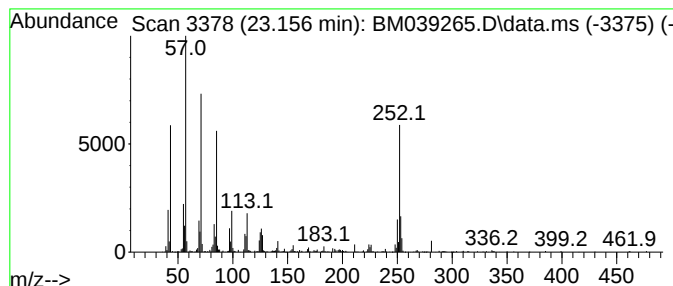
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.156	3.67 ng	504049	Perylene-d12	23.903

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Octadecane	254	C18H38	000593-45-3	91
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	83
4			Hexacosane	366	C26H54	000630-01-3	60
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039265.D
Acq On : 31 Mar 2023 22:27
Operator : CG/JU
Sample : 02070-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SOILPILE-2-0323

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.010	33.9	ng	2509420	1	7.916	1480750	20.0
Benzophenone	15.921	3.7	ng	400388	3	14.563	2186710	20.0
n-Hexadecanoic ...	18.203	7.8	ng	865757	4	17.309	2214070	20.0
Octadecanoic acid	19.480	2.6	ng	347885	5	21.491	2628560	20.0
Ethanol, 2-(tet...	21.197	7.7	ng	1013010	5	21.491	2628560	20.0
Hexadecane	23.156	3.7	ng	504049	6	23.903	2748030	20.0