

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121821\
 Data File : BM033524.D
 Acq On : 18 Dec 2021 18:14
 Operator : CG/JU
 Sample : M5114-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HS-OILY-WATER

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-BM121621.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033524.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.031	299	305	313	rBV	114823	163767	5.62%	1.325%
2	5.495	377	384	393	rBV	431318	662903	22.76%	5.361%
3	6.113	479	489	497	rBV	28332	45989	1.58%	0.372%
4	7.095	650	656	668	rBV	255295	452718	15.54%	3.662%
5	7.931	787	798	805	rBV	132411	218317	7.49%	1.766%
6	9.101	988	997	1017	rBV	597867	1044588	35.86%	8.448%
7	10.742	1267	1276	1284	rBV	169715	300566	10.32%	2.431%
8	13.201	1687	1694	1705	rBV	1536732	2230208	76.56%	18.038%
9	14.577	1921	1928	1937	rVB	283545	430565	14.78%	3.482%
10	16.065	2175	2181	2197	rBV	1373974	2047854	70.30%	16.563%
11	17.324	2389	2395	2402	rBV	391788	565014	19.40%	4.570%
12	18.212	2542	2546	2553	rBV2	34933	46388	1.59%	0.375%
13	19.947	2834	2841	2850	rBV	2276231	2913061	100.00%	23.560%
14	21.200	3051	3054	3062	rVB	65181	89117	3.06%	0.721%
15	21.500	3100	3105	3117	rBV	442364	647676	22.23%	5.238%
16	23.912	3509	3515	3523	rBV	242501	505485	17.35%	4.088%

Sum of corrected areas: 12364216

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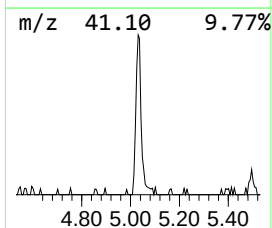
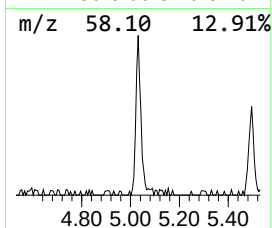
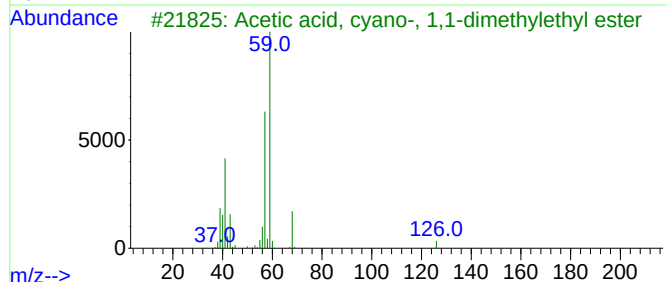
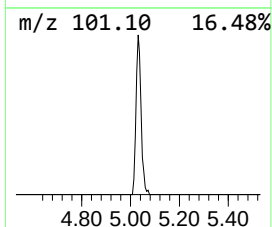
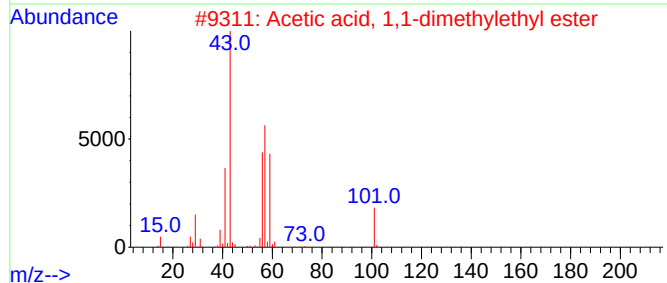
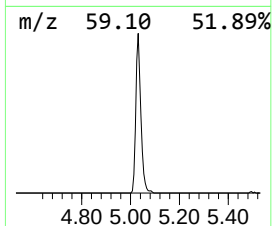
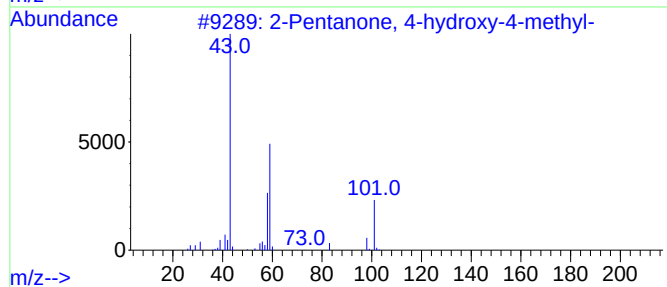
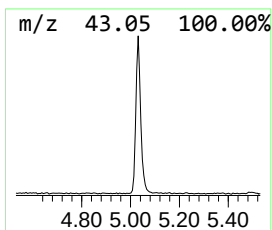
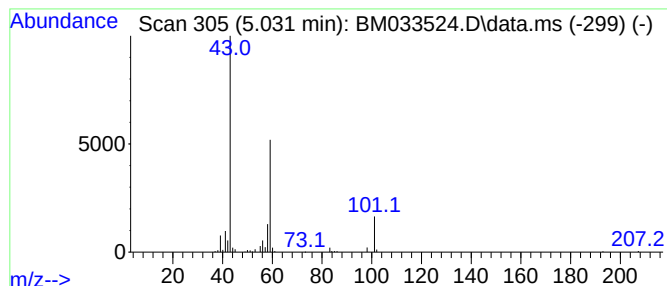
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.031	15.00 ng	163767	1,4-Dichlorobenzene-d4	7.931

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5			Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	9



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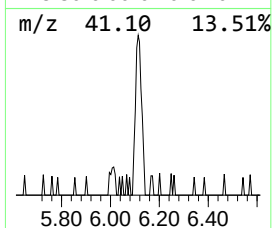
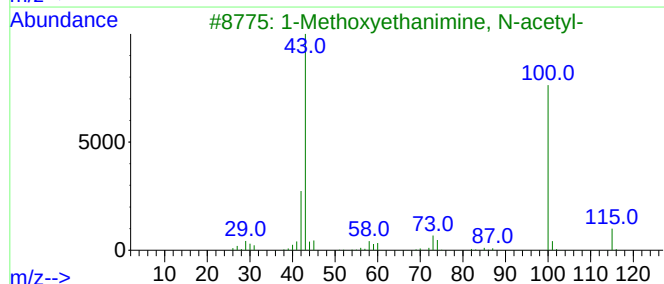
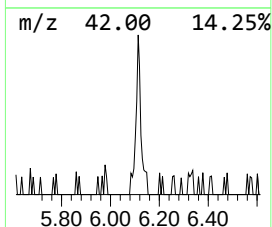
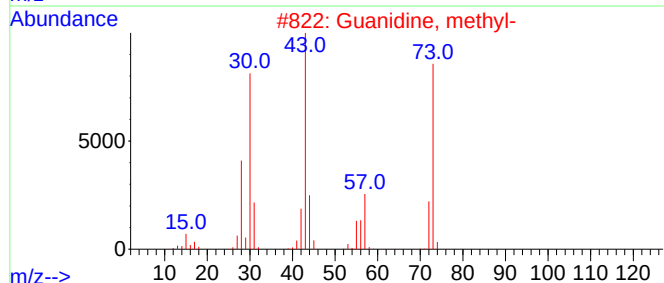
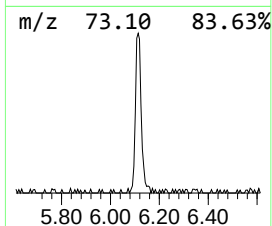
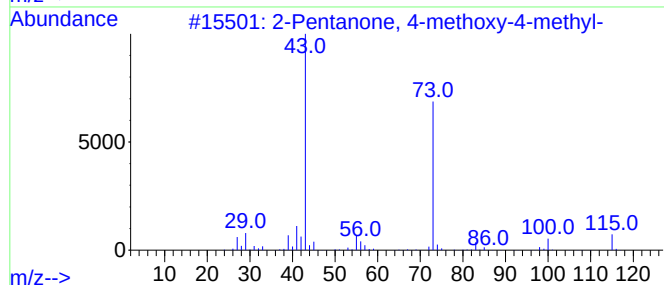
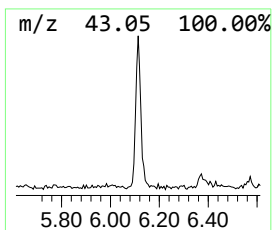
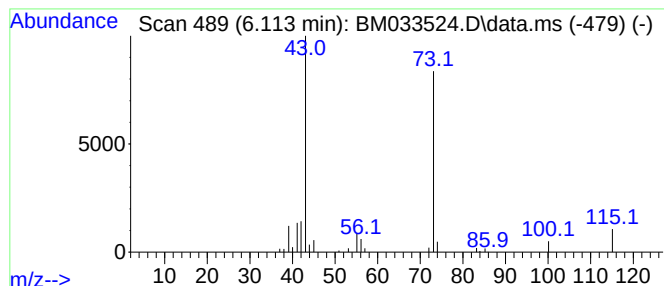
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Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.113	4.21 ng	45989	1,4-Dichlorobenzene-d4	7.931

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2			Guanidine, methyl-	73	C2H7N3	000471-29-4	50
3			1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	23
4			Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5			Morpholine, 2,6-dimethyl-	115	C6H13NO	000141-91-3	9



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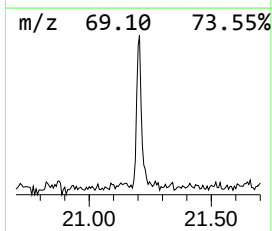
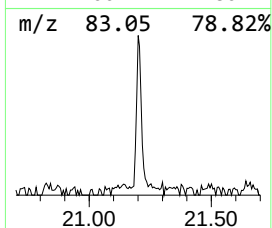
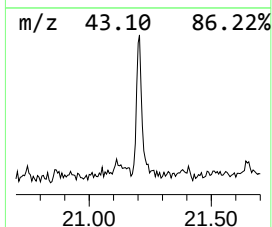
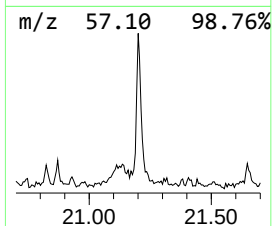
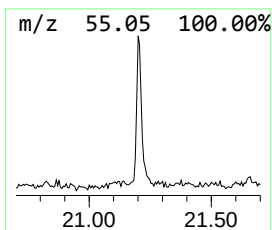
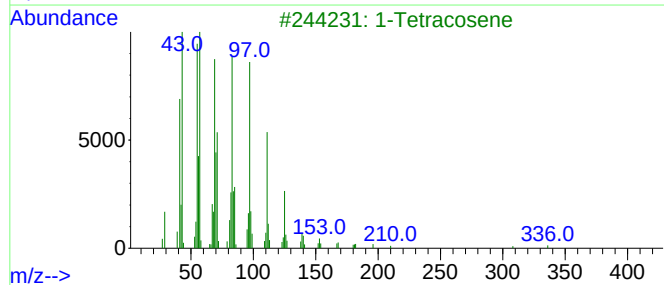
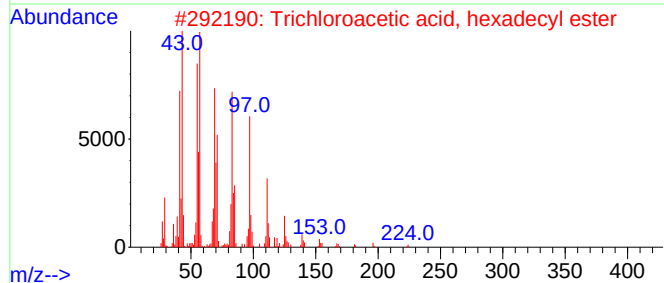
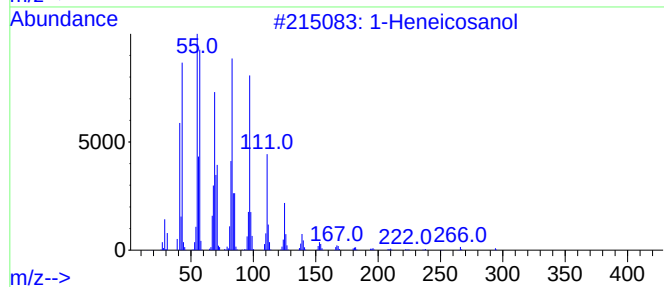
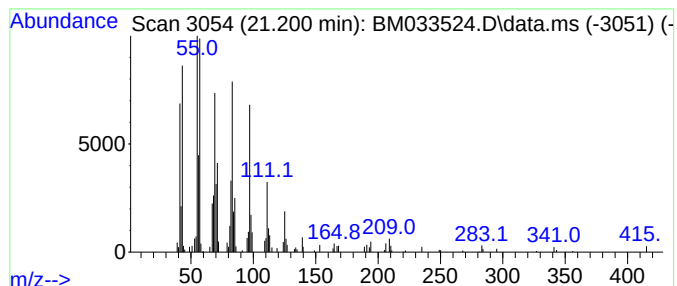
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TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.200	2.75 ng	89117	Chrysene-d12	21.500

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	91
2			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3			1-Tetracosene	336	C24H48	010192-32-2	91
4			Heptacos-1-ene	378	C27H54	015306-27-1	90
5			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87



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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-...	5.031	15.0	ng	163767	1	7.931	218317	20.0
2-Pentanone, 4-...	6.113	4.2	ng	45989	1	7.931	218317	20.0
1-Heneicosanol	21.200	2.8	ng	89117	5	21.500	647676	20.0