

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
 Data File : BM010146.D
 Acq On : 23 May 2017 17:41
 Operator : SJ/MA
 Sample : I3242-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VL-WWTP-003

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:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.457	228	233	246	rBV	2833717	3587745	31.66%	7.751%
2	5.075	333	338	348	rBV	1727456	2347972	20.72%	5.073%
3	5.534	410	416	427	rBV	582366	863714	7.62%	1.866%
4	6.140	513	519	528	rBV	415710	611612	5.40%	1.321%
5	7.140	683	689	699	rBV	318213	520069	4.59%	1.124%
6	7.498	743	750	759	rBV	1052124	1711190	15.10%	3.697%
7	7.957	821	828	834	rBV	505284	785931	6.94%	1.698%
8	8.275	875	882	894	rVB	1846823	2998076	26.46%	6.477%
9	9.145	1022	1030	1043	rBV	1320157	2202606	19.44%	4.759%
10	10.763	1298	1305	1313	rBV	571984	958734	8.46%	2.071%
11	13.210	1714	1721	1729	rBV	4083397	5883516	51.92%	12.711%
12	14.592	1948	1956	1965	rBV2	875805	1375195	12.14%	2.971%
13	15.674	2135	2140	2142	rBV	227292	308952	2.73%	0.667%
14	15.774	2152	2157	2163	rVB2	143827	237338	2.09%	0.513%
15	16.080	2201	2209	2216	rBV	1800591	2605009	22.99%	5.628%
16	17.333	2416	2422	2430	rBV	1308517	1835855	16.20%	3.966%
17	18.180	2560	2566	2570	rBV4	87817	133529	1.18%	0.288%
18	19.933	2859	2864	2872	rBV	9510806	11332166	100.00%	24.483%
19	21.492	3124	3129	3134	rBV	2327300	2891010	25.51%	6.246%
20	23.856	3525	3531	3541	rVB	1597739	3095321	27.31%	6.687%

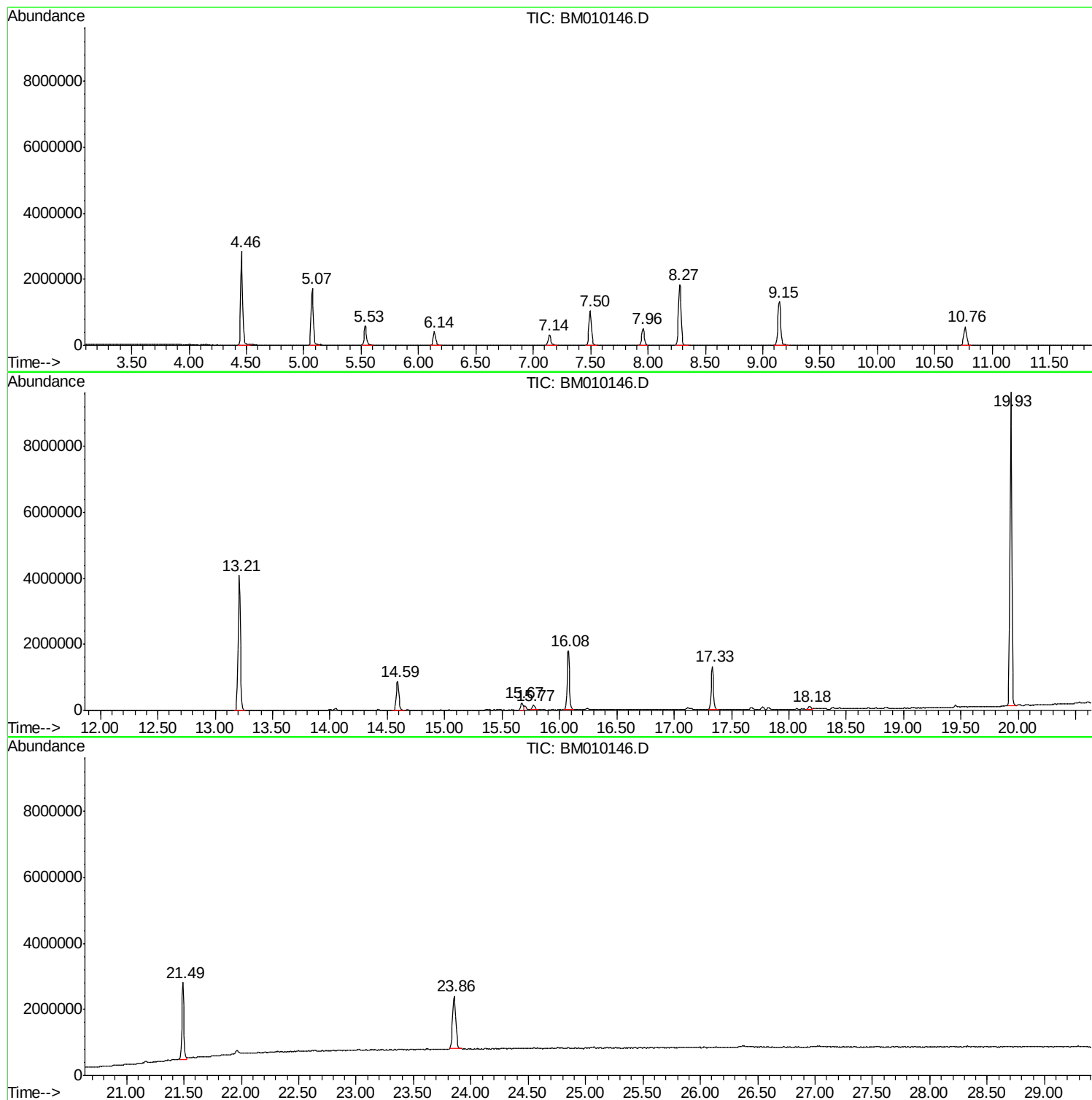
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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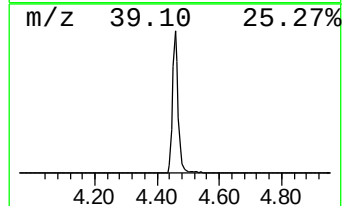
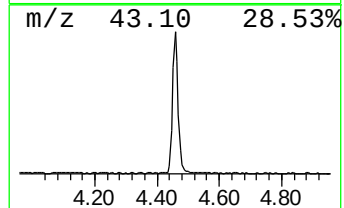
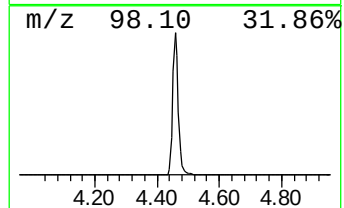
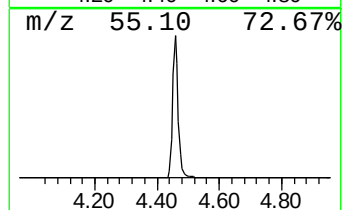
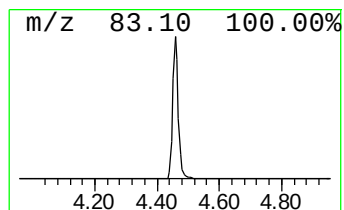
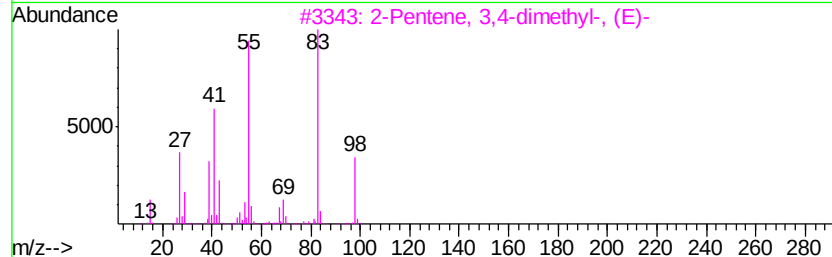
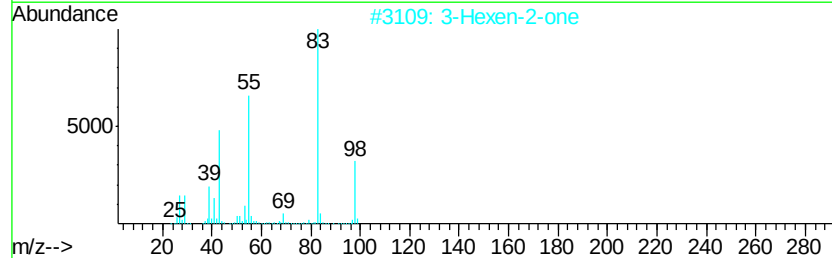
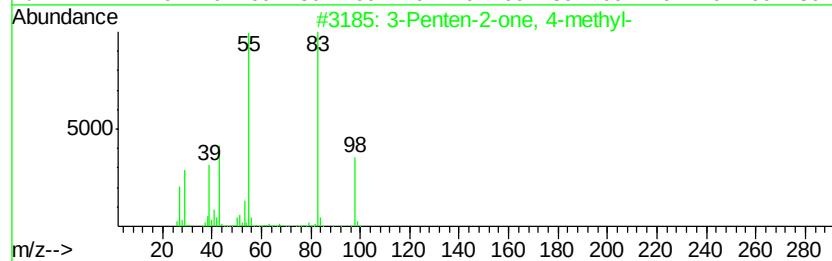
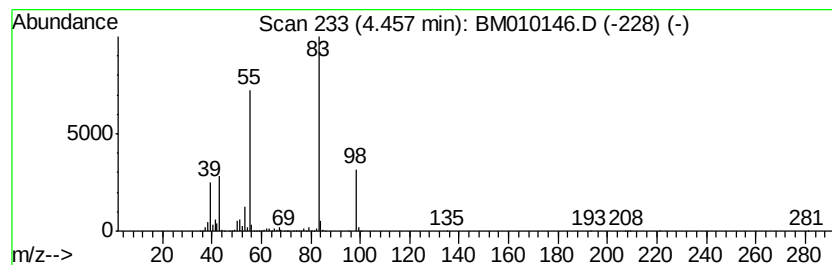
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	91.30 ng	3587750	1,4-Dichlorobenzene-d4	7.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2			3-Hexen-2-one	98	C6H10O	000763-93-9	91
3			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	87
5			Furan, 2-methoxy-	98	C5H6O2	025414-22-6	86



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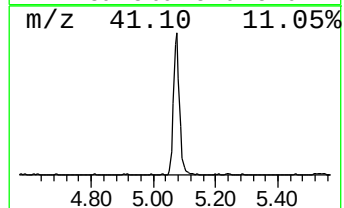
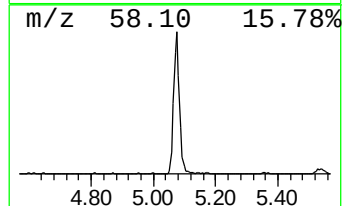
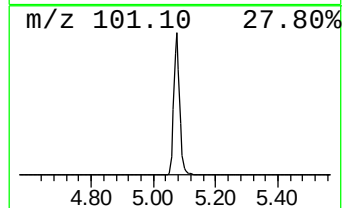
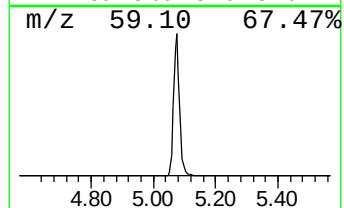
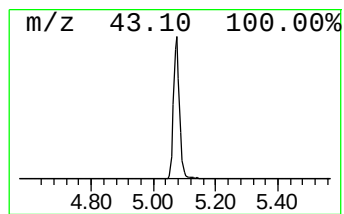
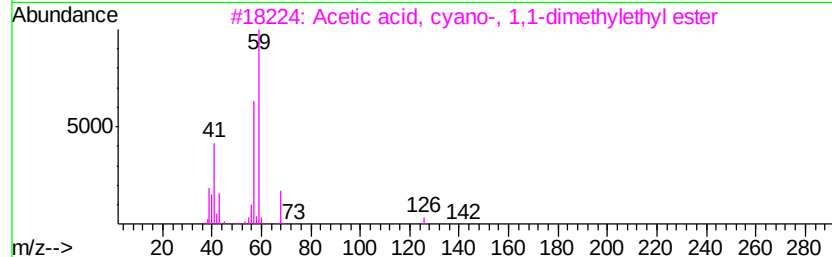
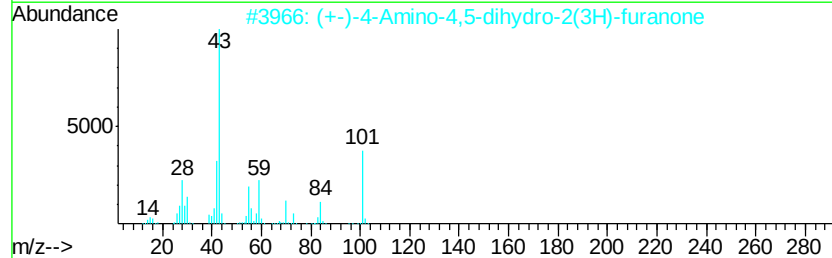
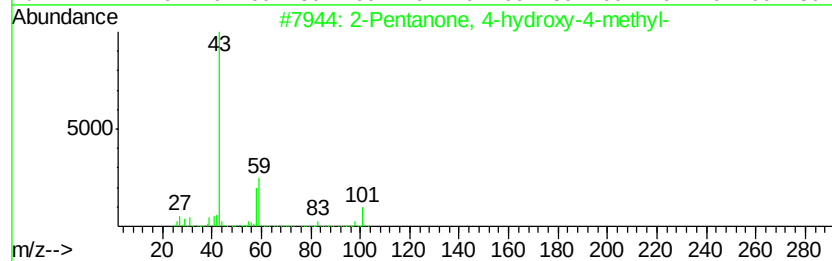
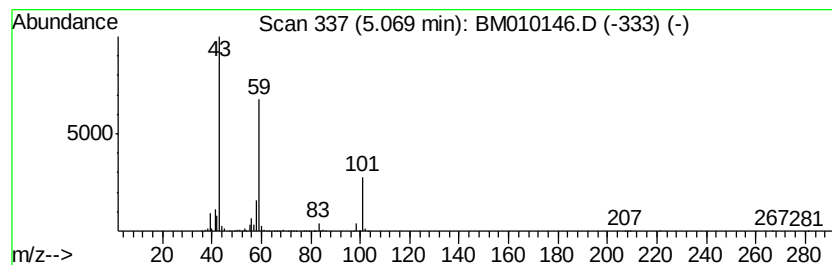
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	59.75 ng	2347970	1,4-Dichlorobenzene-d4	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	38
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16



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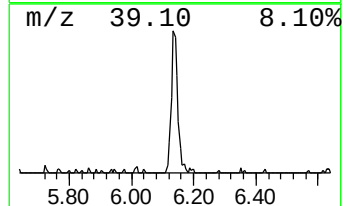
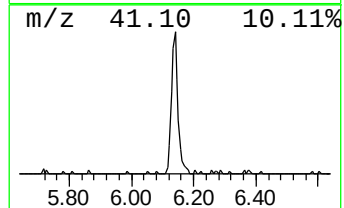
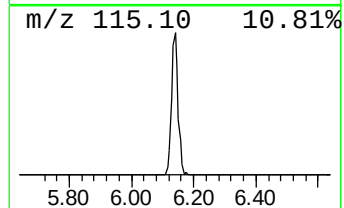
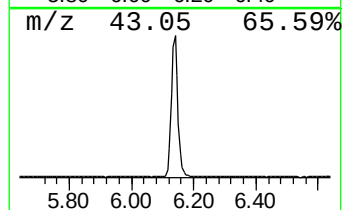
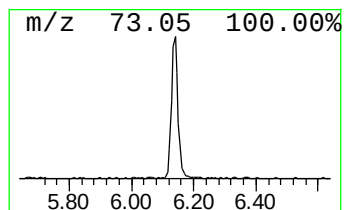
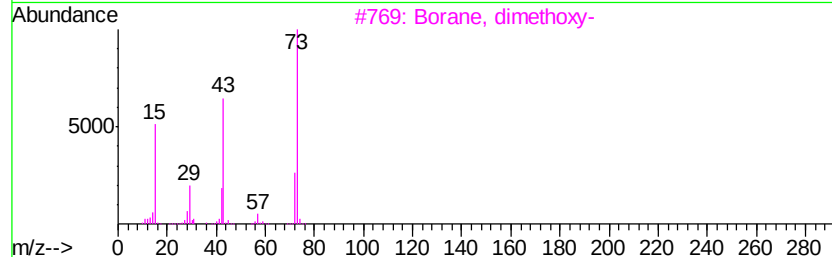
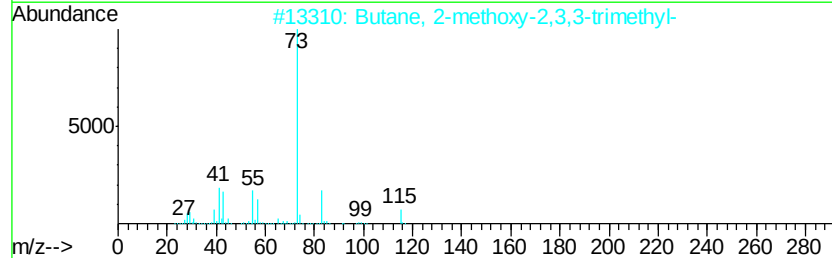
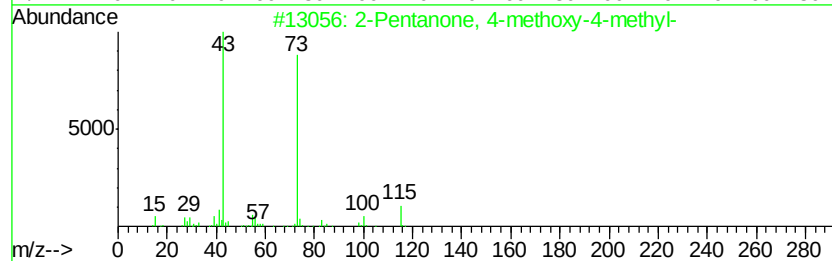
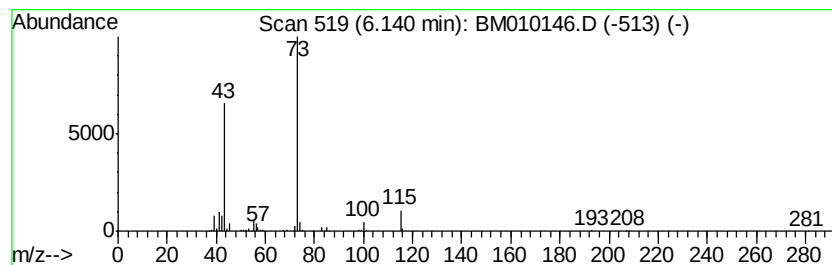
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Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	15.56 ng	611612	1,4-Dichlorobenzene-d4	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	72
2		Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	38
3		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	37
4		N-Ethylformamide	73	C3H7NO	000627-45-2	32
5		N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	25



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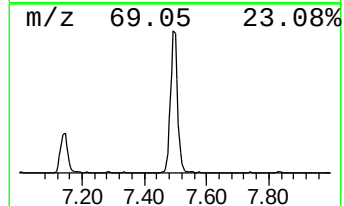
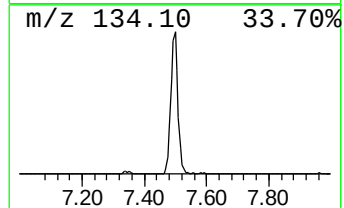
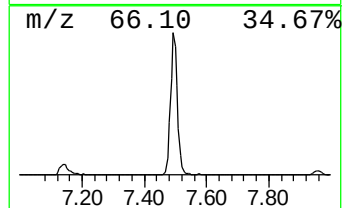
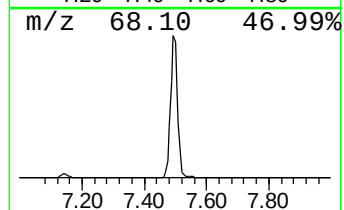
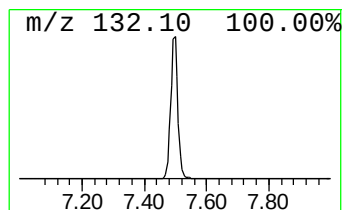
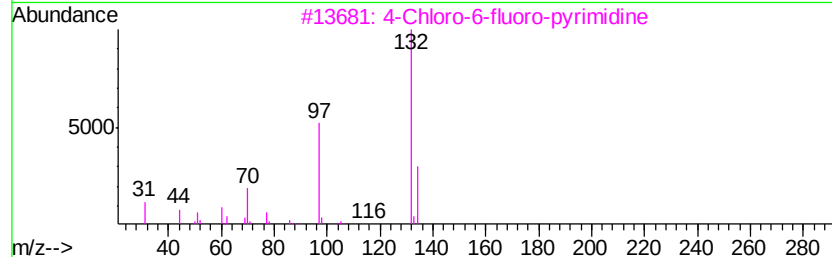
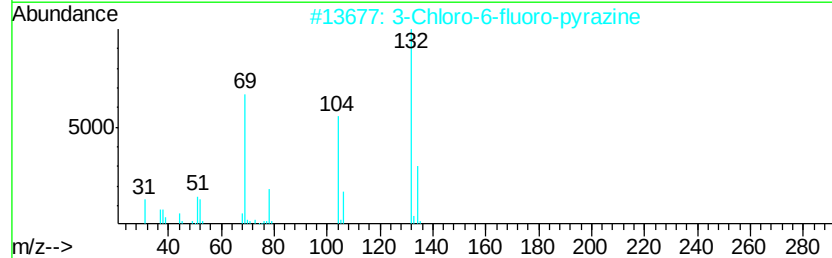
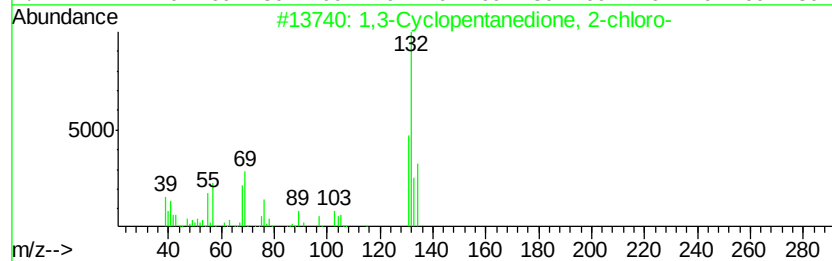
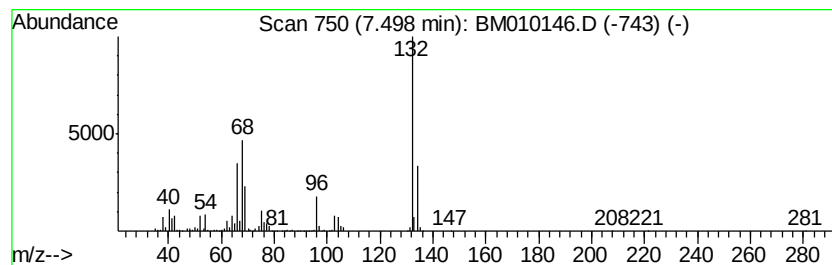
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Peak Number 4 unknown7.50 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	43.55 ng	1711190	1,4-Dichlorobenzene-d4	7.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22



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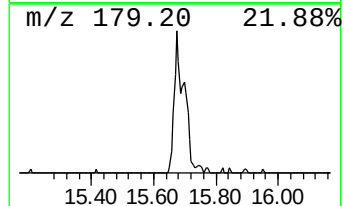
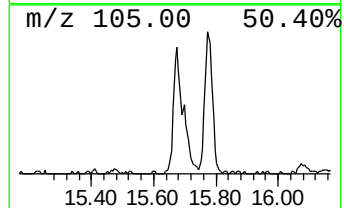
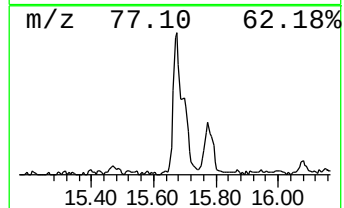
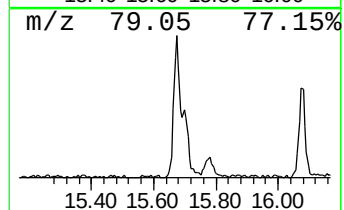
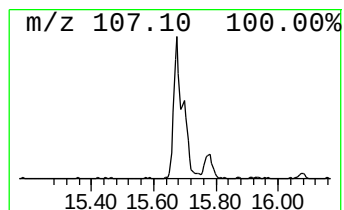
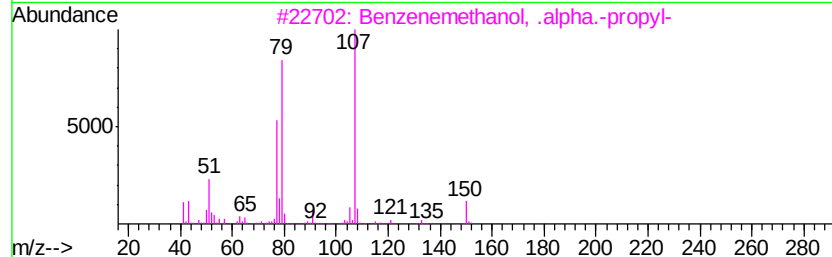
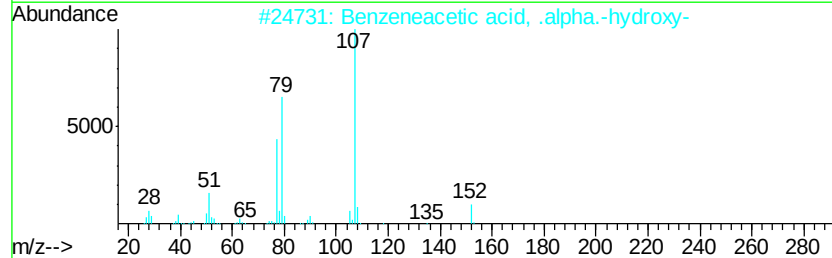
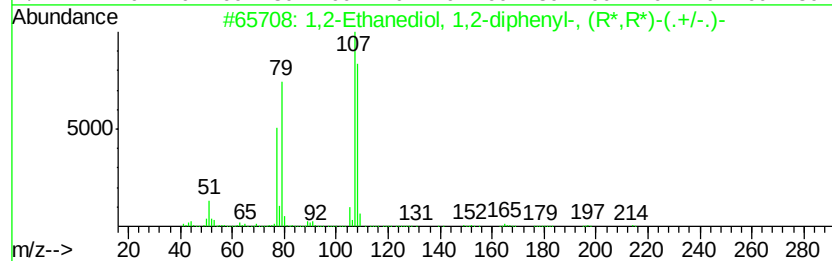
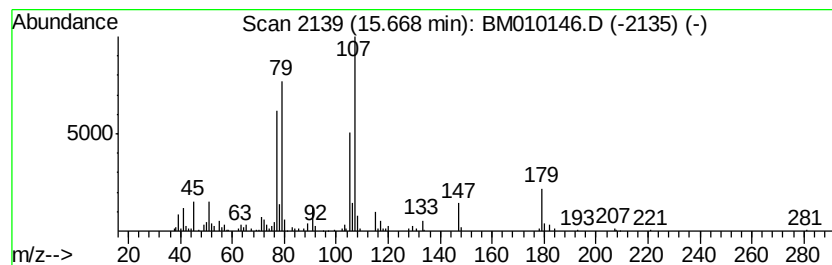
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Peak Number 6 1,2-Ethanediol, 1,2-dipheny... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	4.49 ng	308952	Acenaphthene-d10	14.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Ethanediol, 1,2-diphenyl-, (...)	214	C14H14O2	000655-48-1	68
2		Benzeneacetic acid, .alpha.-hydr...	152	C8H8O3	000090-64-2	64
3		Benzenemethanol, .alpha.-propyl-	150	C10H14O	000614-14-2	64
4		1,2-Ethanediol, 1-phenyl-	138	C8H10O2	000093-56-1	64
5		Benzeneacetic acid, .alpha.-hydr...	166	C9H10O3	000771-90-4	64



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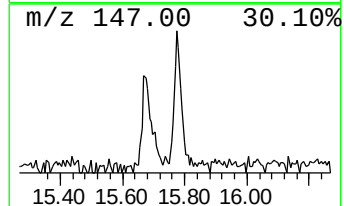
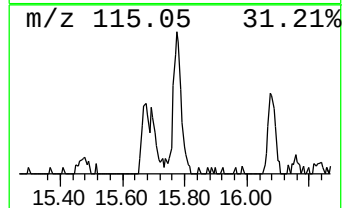
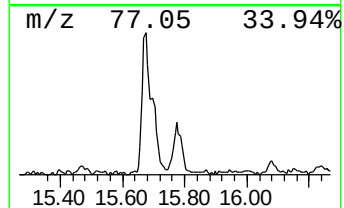
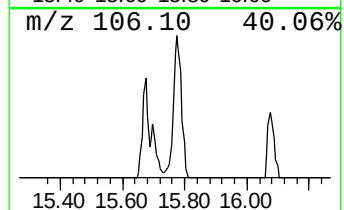
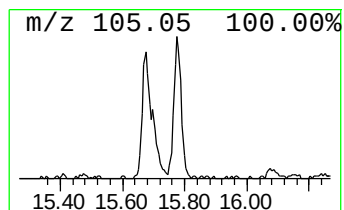
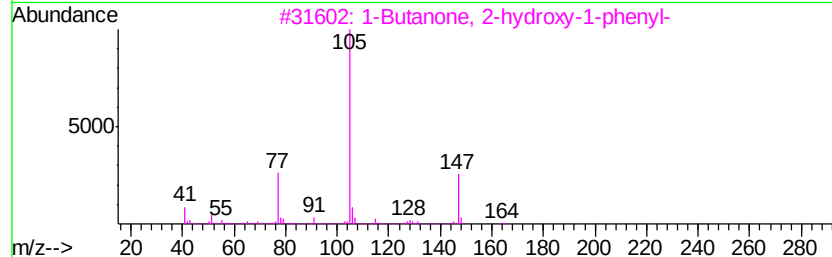
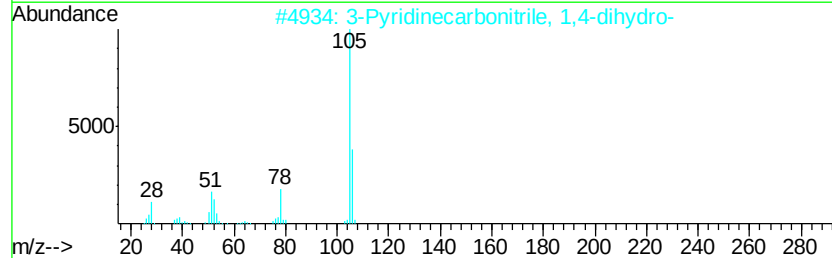
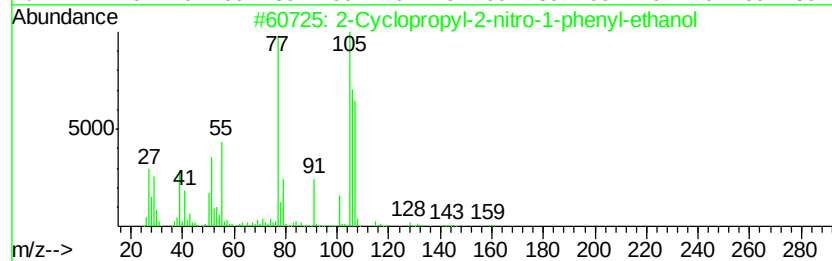
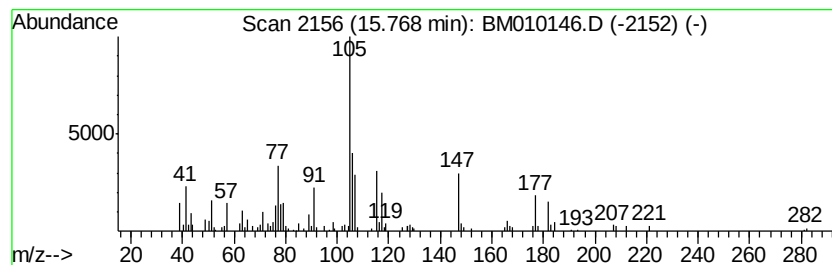
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown15.77 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.77	3.45 ng	237338	Acenaphthene-d10	14.59	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopropyl-2-nitro-1-phenyl-e...	207	C11H13NO3	1000194-91-5	35
2	3-Pyridinecarbonitrile, 1,4-dihy...	106	C6H6N2	023974-91-6	25
3	1-Butanone, 2-hydroxy-1-phenyl-	164	C10H12O2	016183-46-3	22
4	Benzoic acid, 3,5-dibromo-4-meth...	439	C17H15Br2NO3	1000258-73-5	22
5	Benzeneacetoneitrile, .alpha.-hyd...	133	C8H7NO	000532-28-5	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052317\
Data File : BM010146.D
Acq On : 23 May 2017 17:41
Operator : SJ/MA
Sample : I3242-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VL-WWTP-003

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Penten-2-one, 4...	4.46	91.3	ng	3587750	1	7.96	785931	20.0
2-Pentanone, 4-hy...	5.07	59.8	ng	2347970	1	7.96	785931	20.0
2-Pentanone, 4-me...	6.14	15.6	ng	611612	1	7.96	785931	20.0
unknown7.50	7.50	43.5	ng	1711190	1	7.96	785931	20.0
1,2-Ethanediol, 1...	15.67	4.5	ng	308952	3	14.59	1375200	20.0
unknown15.77	15.77	3.5	ng	237338	3	14.59	1375200	20.0