

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
 Data File : BM010220.D
 Acq On : 25 May 2017 16:56
 Operator : SJ/MA
 Sample : I3309-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GMW-8

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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	5.069	331	337	344	rBV	95122	140330	1.18%	0.271%
2	5.528	407	415	426	rBV	1406277	2070231	17.45%	3.994%
3	7.128	679	687	699	rBV	766435	1275178	10.75%	2.460%
4	7.487	740	748	756	rBV	2474373	3862576	32.55%	7.451%
5	7.946	819	826	832	rBV	488238	791758	6.67%	1.527%
6	8.263	873	880	894	rVB	2287644	3722910	31.37%	7.182%
7	9.134	1020	1028	1035	rBV	1686521	2720185	22.92%	5.247%
8	10.751	1295	1303	1309	rBV	571274	963485	8.12%	1.859%
9	11.534	1427	1436	1443	rBV	179920	329953	2.78%	0.636%
10	13.198	1712	1719	1733	rVB	5006541	7012944	59.10%	13.528%
11	14.039	1856	1862	1867	rBV	281946	414508	3.49%	0.800%
12	14.580	1946	1954	1960	rBV2	798065	1279268	10.78%	2.468%
13	14.639	1960	1964	1971	rVB	121635	178378	1.50%	0.344%
14	16.069	2198	2207	2219	rBV	4029663	5686576	47.92%	10.970%
15	16.686	2308	2312	2319	rBV2	92248	139488	1.18%	0.269%
16	17.321	2414	2420	2432	rVB2	1100566	1626317	13.71%	3.137%
17	18.174	2559	2565	2575	rBV	696714	1111904	9.37%	2.145%
18	19.445	2776	2781	2792	rBV	700375	1191126	10.04%	2.298%
19	19.927	2857	2863	2869	rBV	9668446	11866435	100.00%	22.891%
20	20.262	2916	2920	2926	rVB	359416	450832	3.80%	0.870%
21	21.480	3123	3127	3132	rVB	1892085	2375905	20.02%	4.583%
22	23.844	3523	3529	3537	rVB	1365005	2628680	22.15%	5.071%

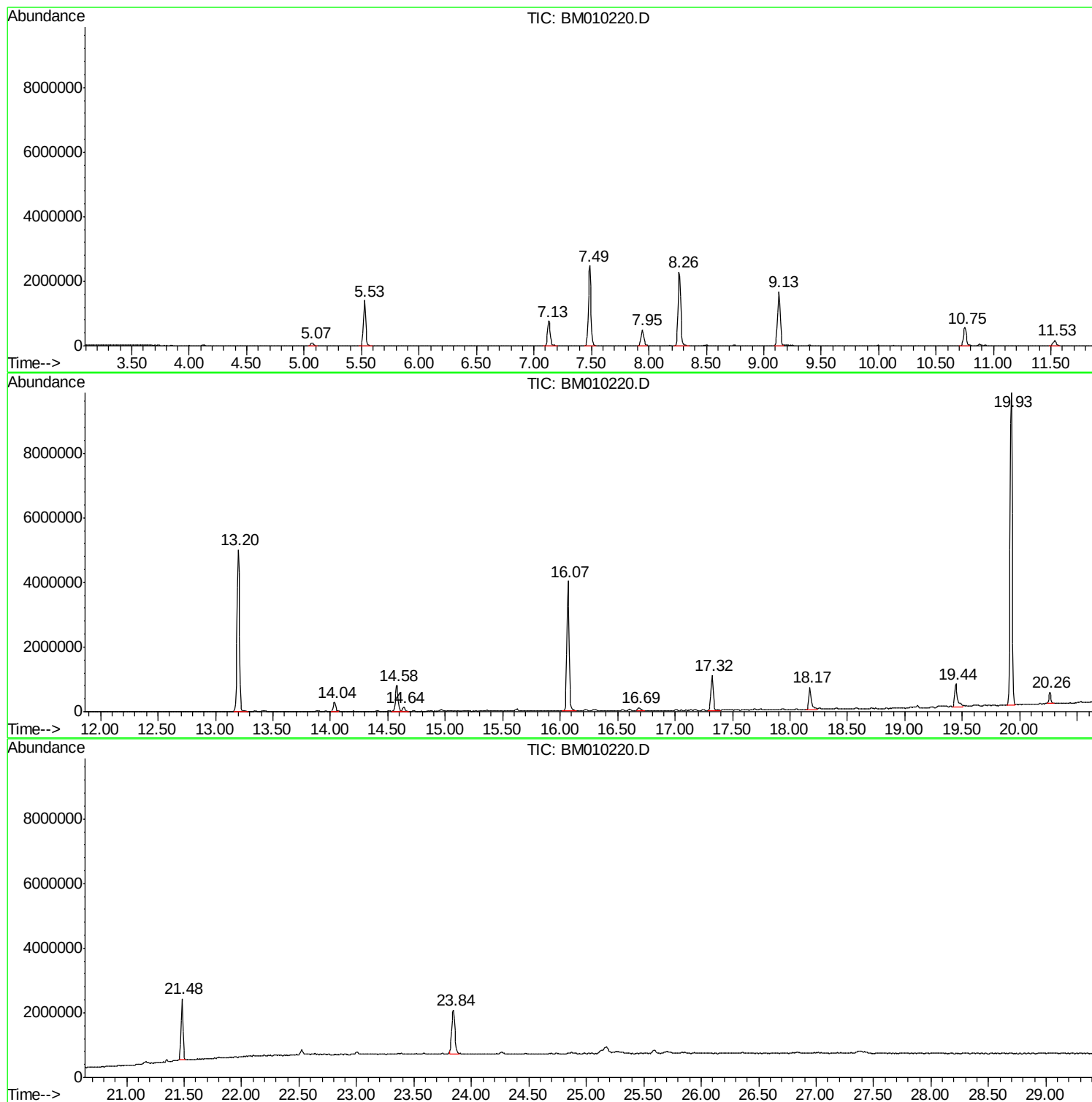
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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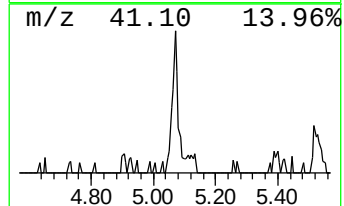
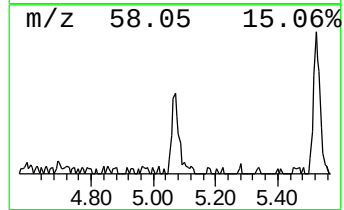
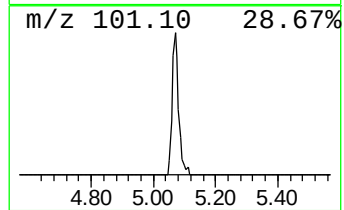
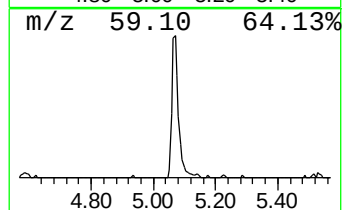
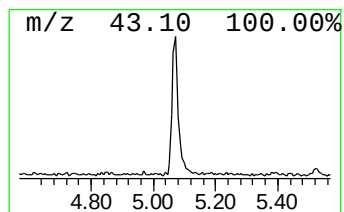
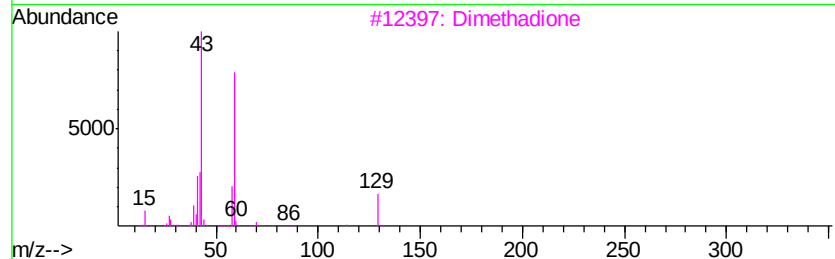
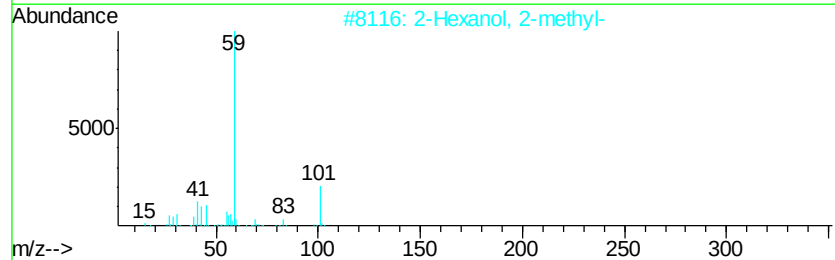
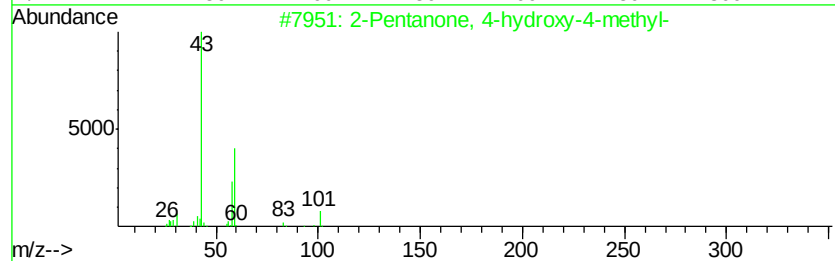
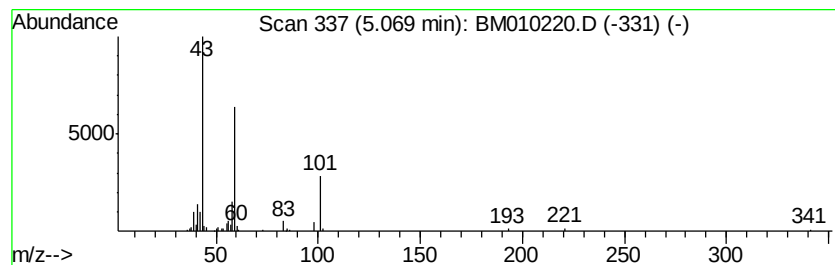
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	3.54 ng	140330	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37
3	Dimethadione	129	C5H7NO3	000695-53-4	28
4	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	25
5	Allyl dithioacetate	132	C5H8S2	027249-83-8	17



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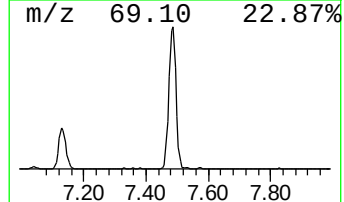
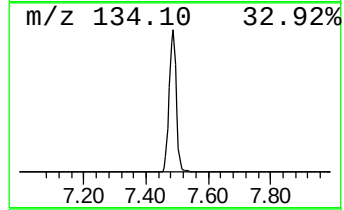
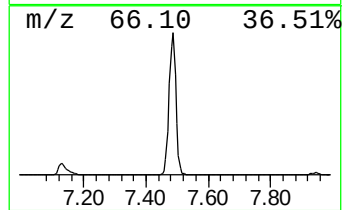
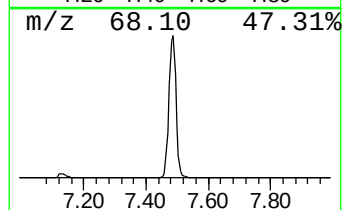
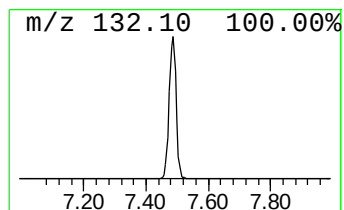
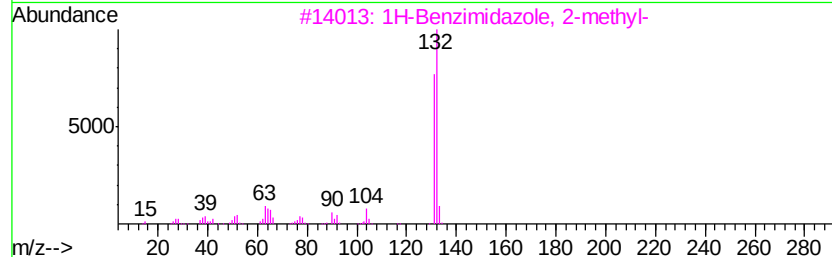
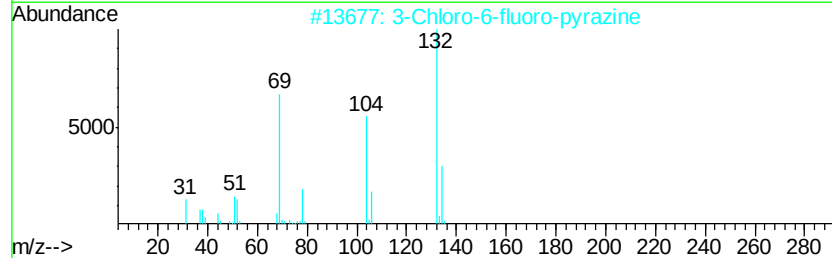
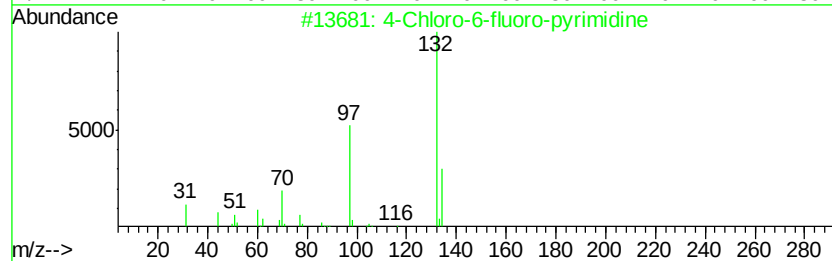
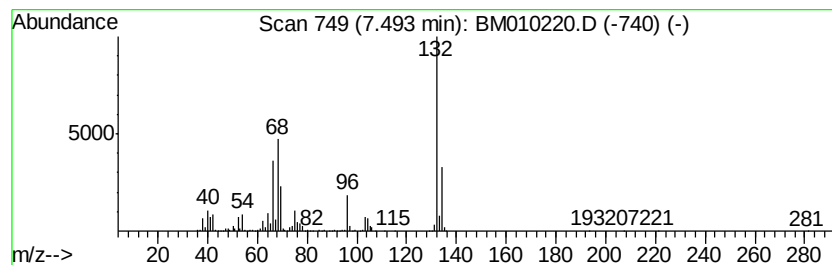
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Peak Number 2 unknown7.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	97.57 ng	3862580	1,4-Dichlorobenzene-d4	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
5		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	10



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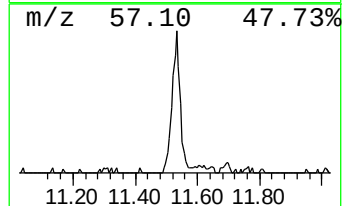
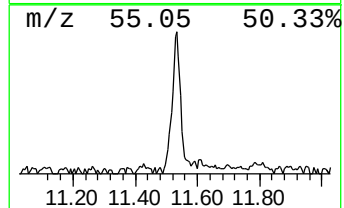
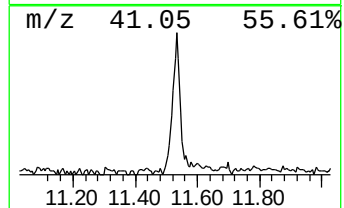
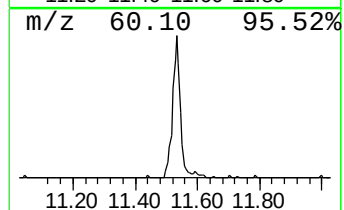
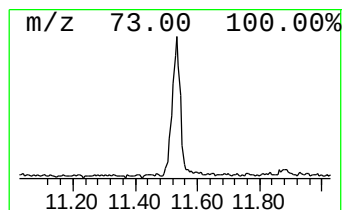
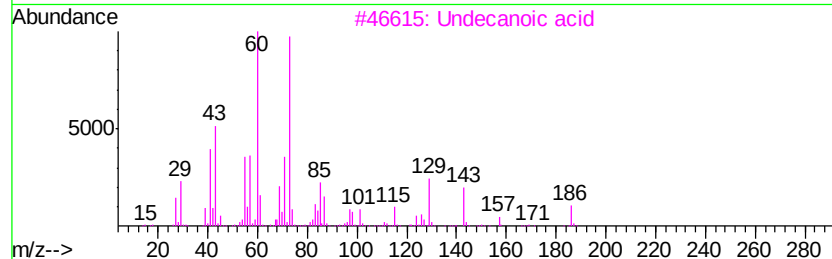
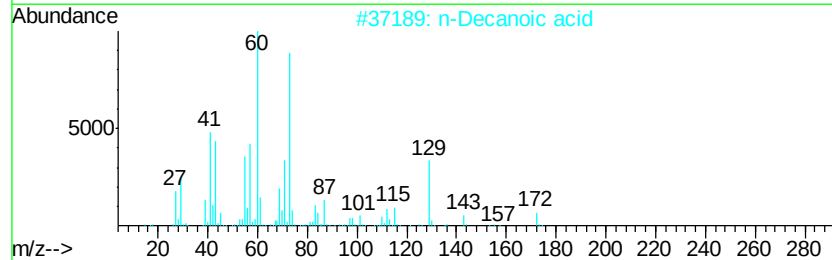
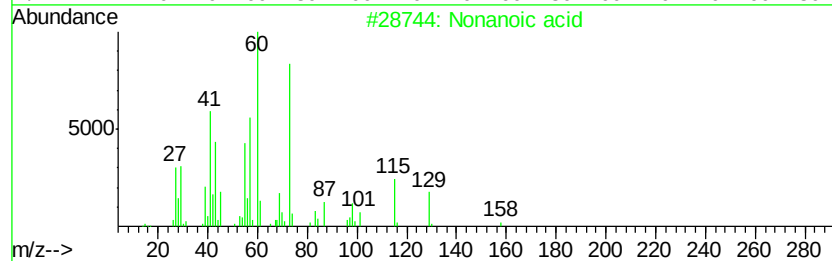
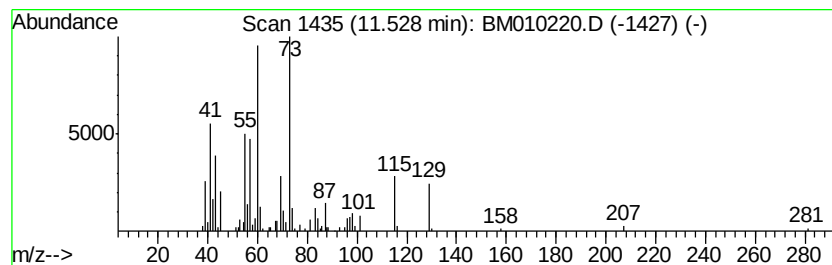
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Nonanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	6.85 ng	329953	Naphthalene-d8	10.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid		158	C9H18O2	000112-05-0	93
2	n-Decanoic acid		172	C10H20O2	000334-48-5	59
3	Undecanoic acid		186	C11H22O2	000112-37-8	53
4	Hexanoic acid		116	C6H12O2	000142-62-1	50
5	Octanoic Acid		144	C8H16O2	000124-07-2	40



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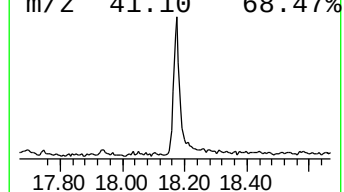
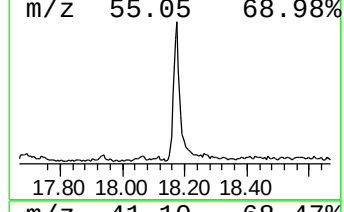
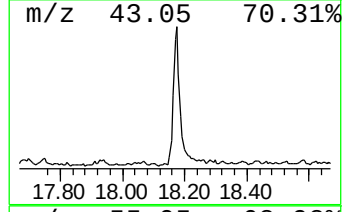
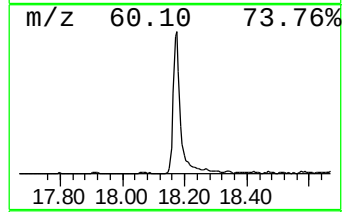
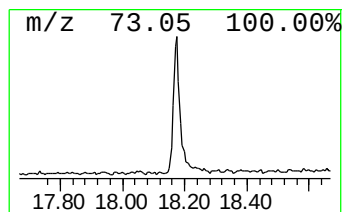
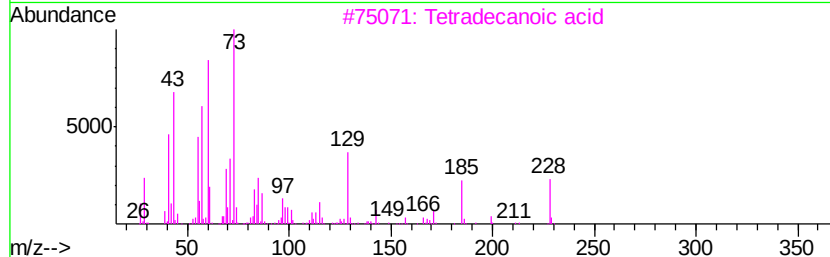
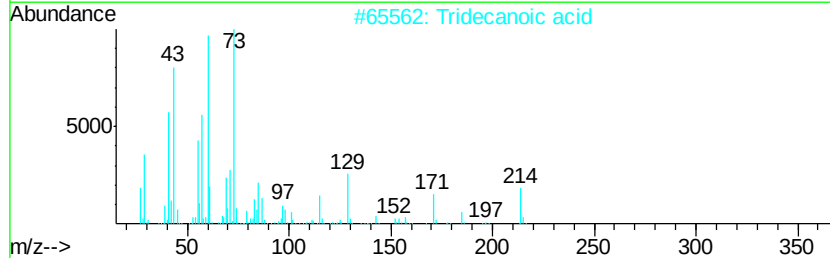
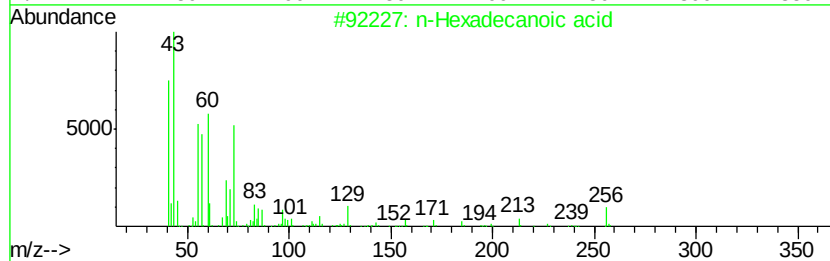
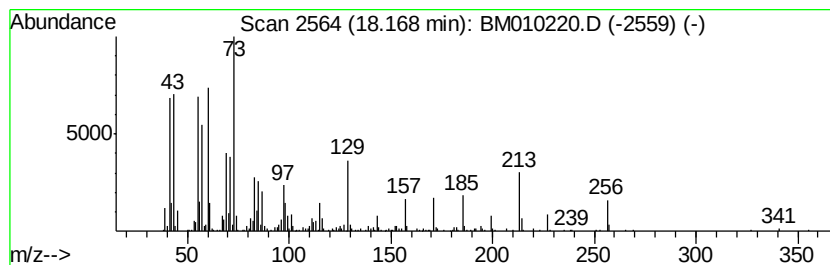
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	13.67 ng	1111900	Phenanthrene-d10	17.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	89
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		Dodecanoic acid	200	C12H24O2	000143-07-7	58
5		Undecanoic acid	186	C11H22O2	000112-37-8	53



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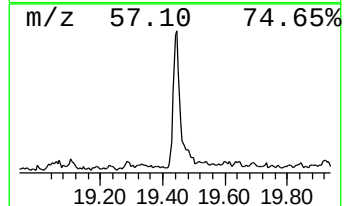
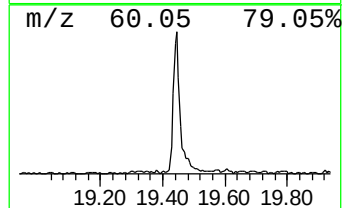
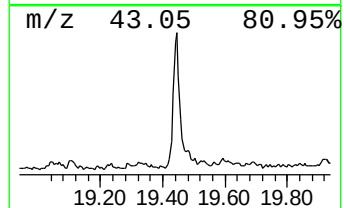
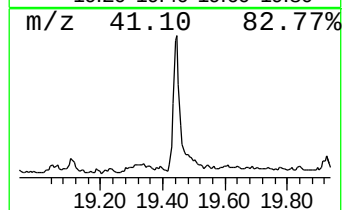
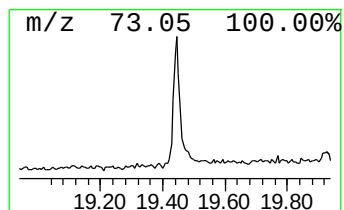
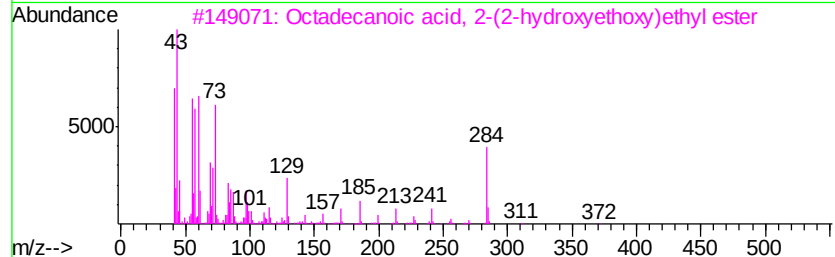
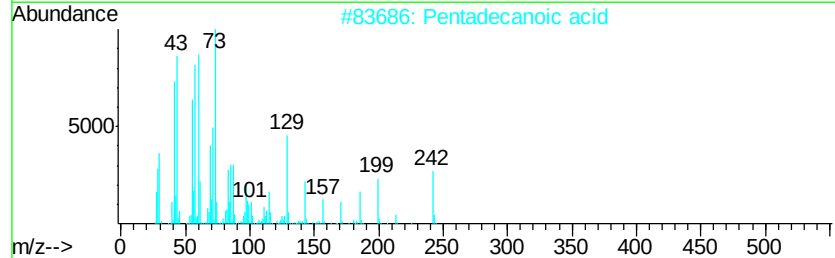
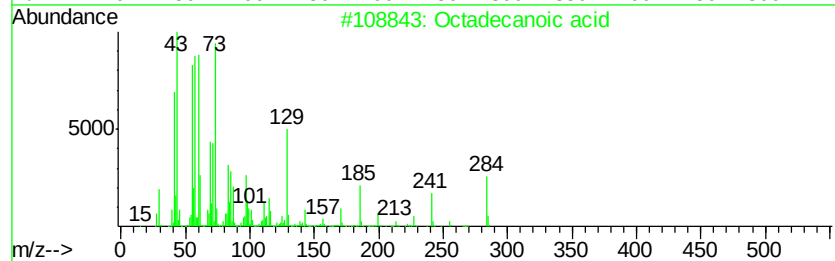
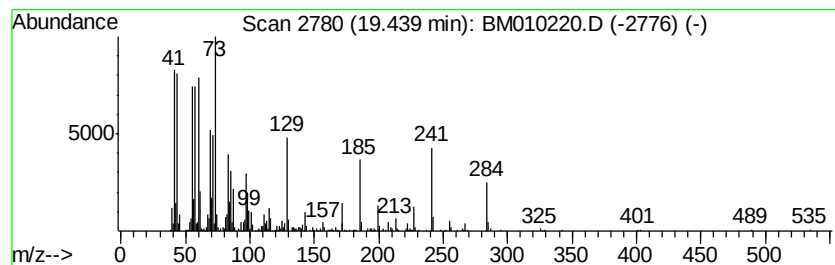
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	10.03 ng	1191130	Chrysene-d12	21.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octadecanoic acid	284 C18H36O2	000057-11-4 98
2		Pentadecanoic acid	242 C15H30O2	001002-84-2 78
3		Octadecanoic acid, 2-(2-hydroxye...	372 C22H44O4	000106-11-6 72
4		Tetradecanoic acid	228 C14H28O2	000544-63-8 49
5		n-Decanoic acid	172 C10H20O2	000334-48-5 45



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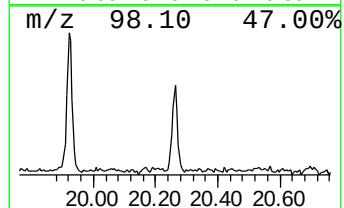
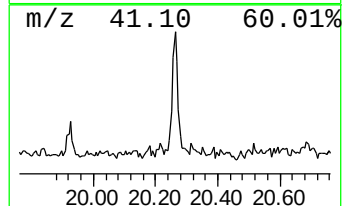
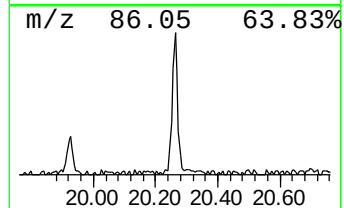
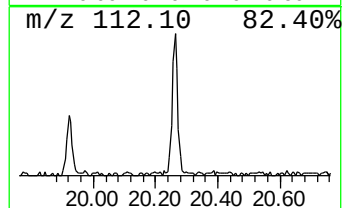
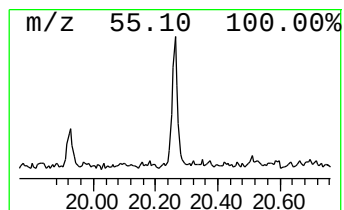
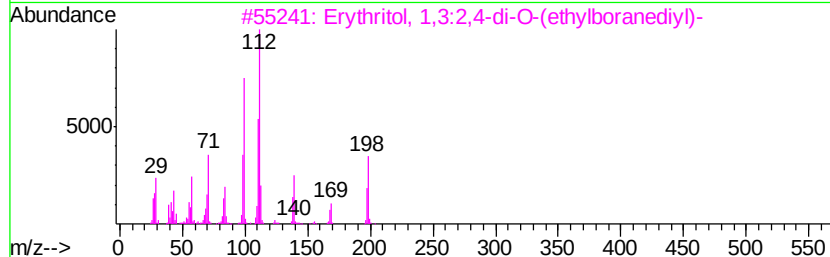
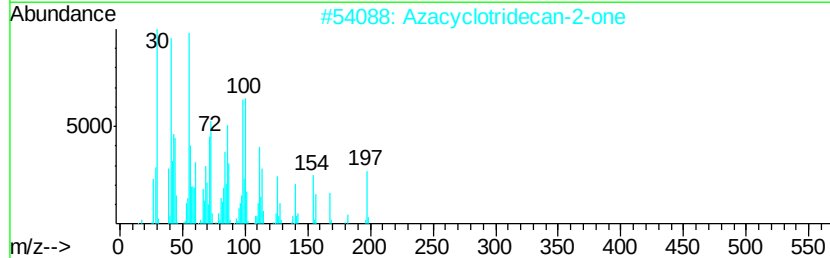
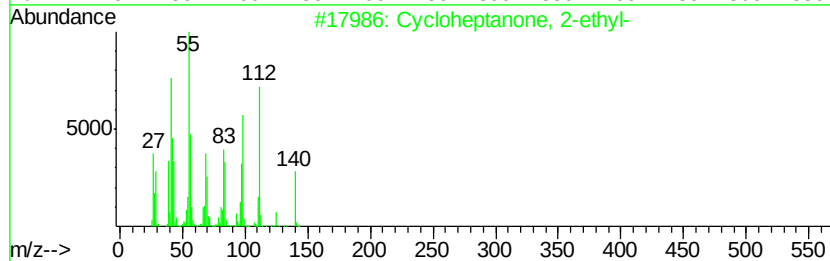
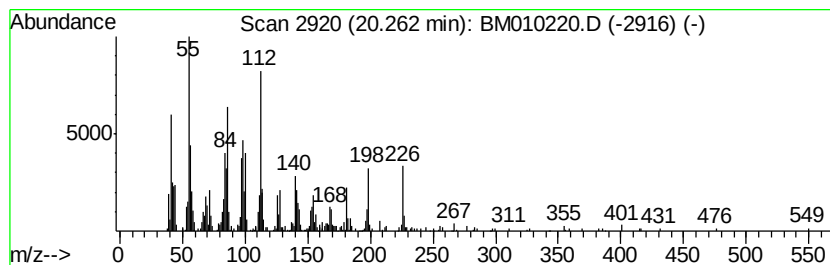
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TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown20.26 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	3.80 ng	450832	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloheptanone, 2-ethyl-	140	C9H16O	003183-41-3	43
2		Azacyclotridecan-2-one	197	C12H23NO	000947-04-6	41
3		Erythritol, 1,3:2,4-di-O-(ethylb...	198	C8H16B2O4	1000149-63-6	27
4		Cycloheptanone, 2-(3-buten-1-yl)-	166	C11H18O	033015-80-4	22
5		2-Oxabicyclo[4.3.0]nonan-3-one, ...	186	C9H14O4	1000154-06-6	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
Data File : BM010220.D
Acq On : 25 May 2017 16:56
Operator : SJ/MA
Sample : I3309-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GMW-8

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
2-Pentanone, 4-hy...	5.07	3.5	ng	140330	1	7.95	791758	20.0
unknown7.49	7.49	97.6	ng	3862580	1	7.95	791758	20.0
Nonanoic acid	11.53	6.8	ng	329953	2	10.75	963485	20.0
n-Hexadecanoic acid	18.17	13.7	ng	1111900	4	17.32	1626320	20.0
Octadecanoic acid	19.44	10.0	ng	1191130	5	21.48	2375910	20.0
unknown20.26	20.26	3.8	ng	450832	5	21.48	2375910	20.0