

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081015.D
 Acq On : 17 Aug 2015 21:23
 Operator : UM/IZ
 Sample : G3286-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STORM-WATER

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_F\METHODS\8270-BF081715.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	4.010	174	177	182	rBV	175026	249916	10.95%	1.774%
2	4.742	238	241	248	rBV	364652	449864	19.72%	3.193%
3	5.187	278	280	283	rBV	489892	466882	20.46%	3.314%
4	5.622	316	318	320	rBV	37668	46916	2.06%	0.333%
5	6.262	372	374	376	rBV	281751	287065	12.58%	2.037%
6	6.387	383	385	387	rBV	1089486	948630	41.58%	6.733%
7	6.627	403	406	408	rVB	383294	394814	17.31%	2.802%
8	6.776	417	419	422	rBV	1094472	1467380	64.32%	10.415%
9	7.199	453	456	458	rBV	1243893	1487365	65.19%	10.557%
10	7.908	516	518	521	rVB	550627	489600	21.46%	3.475%
11	8.993	610	613	615	rBV	2483915	2281501	100.00%	16.193%
12	9.382	646	647	649	rBV	34412	35481	1.56%	0.252%
13	9.656	669	671	673	rBV	645884	542465	23.78%	3.850%
14	10.434	737	739	742	rBV2	555256	713748	31.28%	5.066%
15	10.582	748	752	755	rBV	14565	24727	1.08%	0.176%
16	11.131	797	800	802	rVB	656040	562534	24.66%	3.993%
17	11.691	846	849	853	rBV	75574	116137	5.09%	0.824%
18	11.839	861	862	868	rVB2	15789	24837	1.09%	0.176%
19	12.468	915	917	922	rBV	37801	50225	2.20%	0.356%
20	12.559	922	925	927	rVV	162153	141333	6.19%	1.003%
21	12.639	927	932	934	rVB2	31124	61665	2.70%	0.438%
22	12.719	936	939	941	rBV	2035744	1982657	86.90%	14.072%
23	13.257	984	986	989	rBV3	104964	120095	5.26%	0.852%
24	13.302	989	990	995	rVB2	34443	54900	2.41%	0.390%
25	13.634	1017	1019	1023	rBV	52931	60715	2.66%	0.431%
26	13.748	1026	1029	1032	rBV	575630	511453	22.42%	3.630%
27	13.942	1044	1046	1049	rBV	32413	42902	1.88%	0.304%
28	14.251	1071	1073	1077	rBV	40865	37437	1.64%	0.266%
29	14.548	1097	1099	1101	rVB	34734	38543	1.69%	0.274%
30	14.834	1122	1124	1126	rBV	28122	27398	1.20%	0.194%
31	15.097	1145	1147	1150	rBV	309638	344951	15.12%	2.448%
32	15.154	1150	1152	1156	rVB	16326	25304	1.11%	0.180%

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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_F\METHODS\8270-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

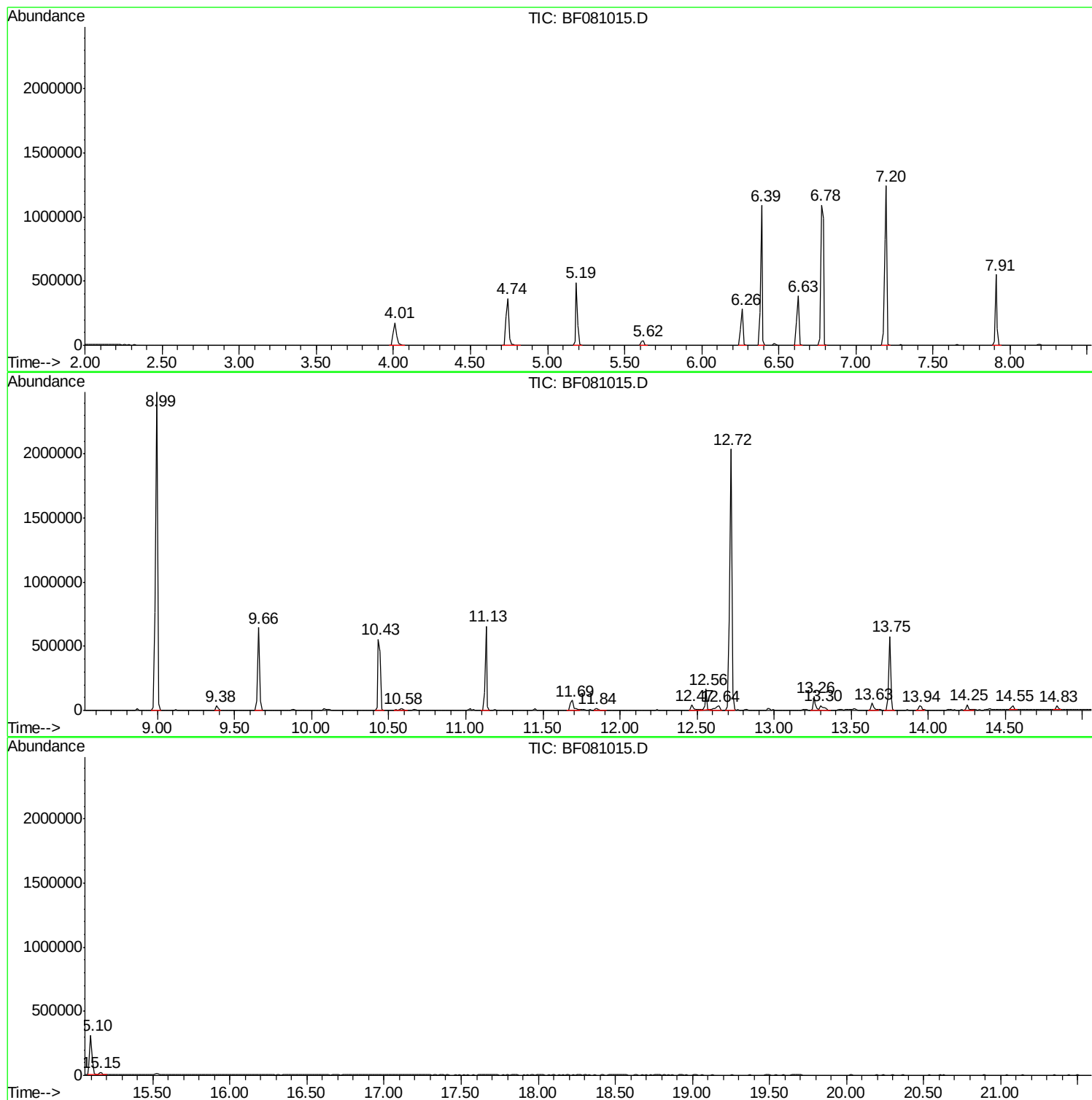
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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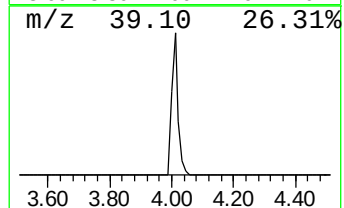
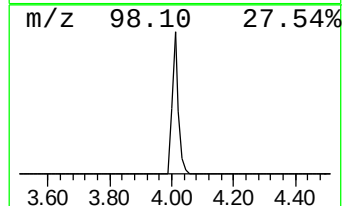
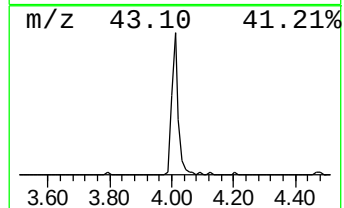
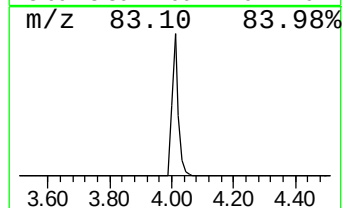
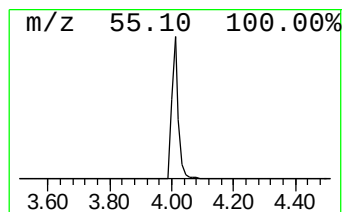
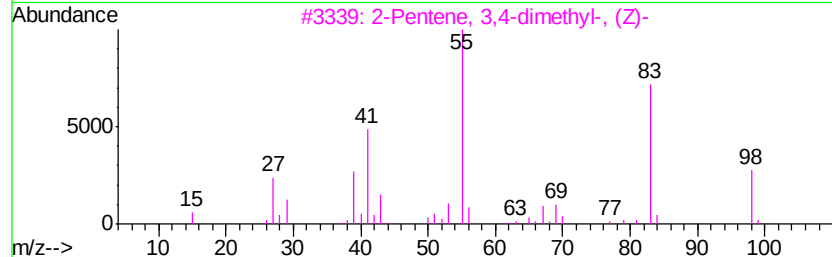
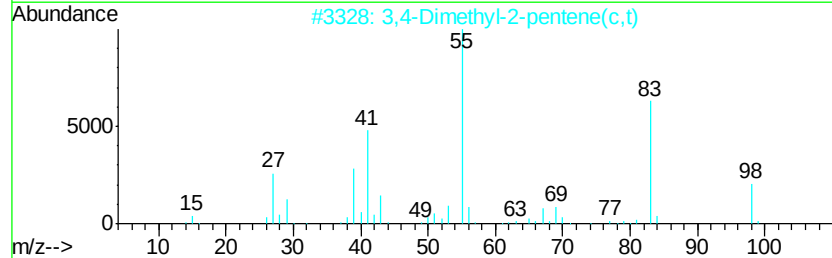
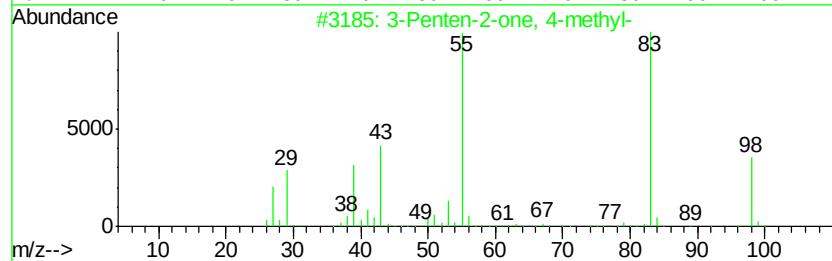
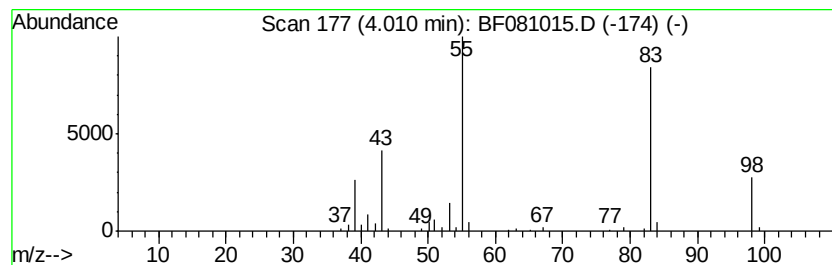
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.01	12.66 ng	249916	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2		3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	86
3		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4		3-Hexen-2-one	98	C6H10O	000763-93-9	80
5		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78



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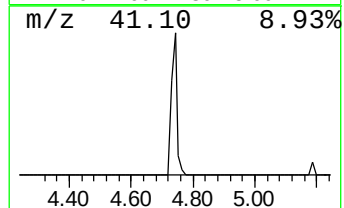
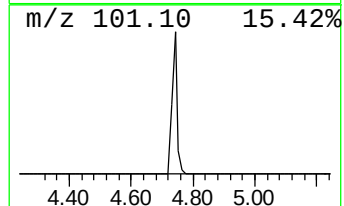
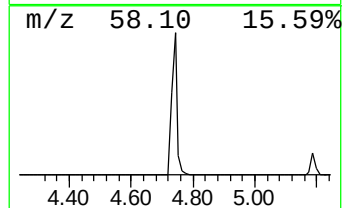
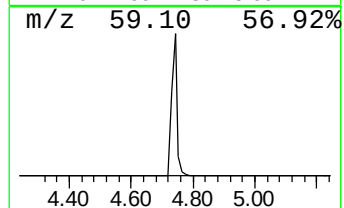
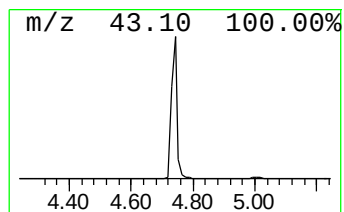
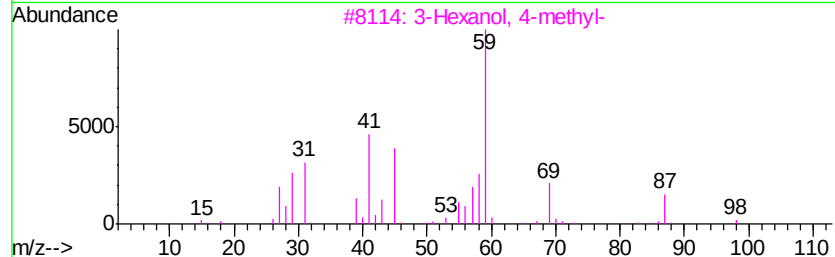
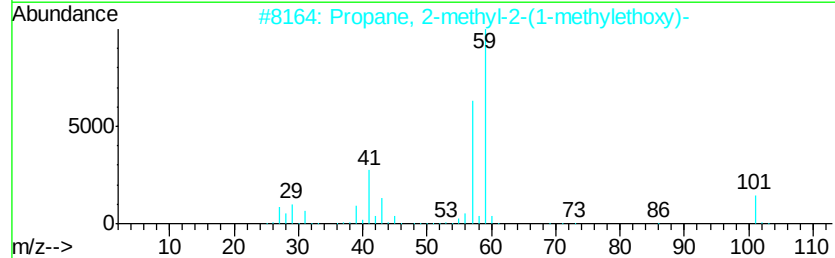
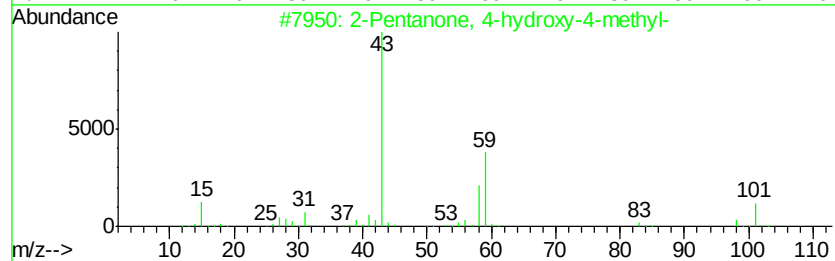
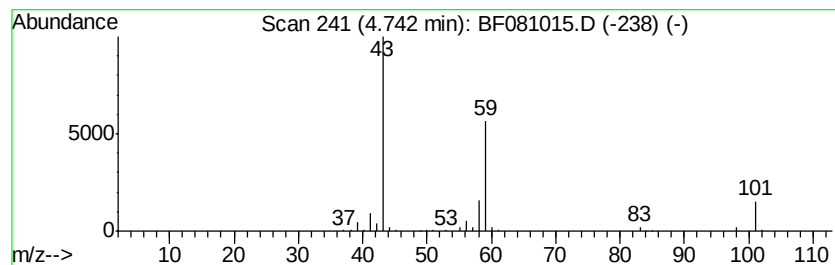
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	22.79 ng	449864	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		3-Octanol	130	C8H18O	000589-98-0	33
5		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28



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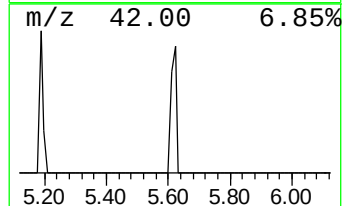
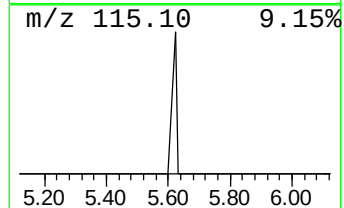
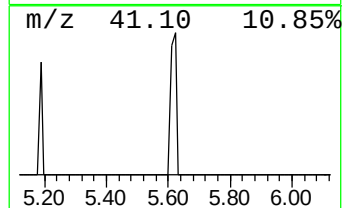
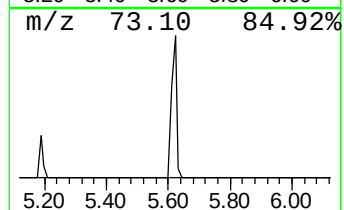
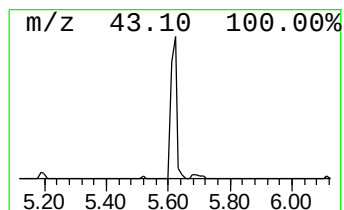
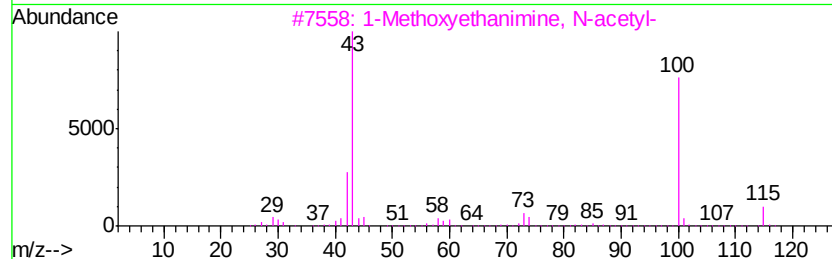
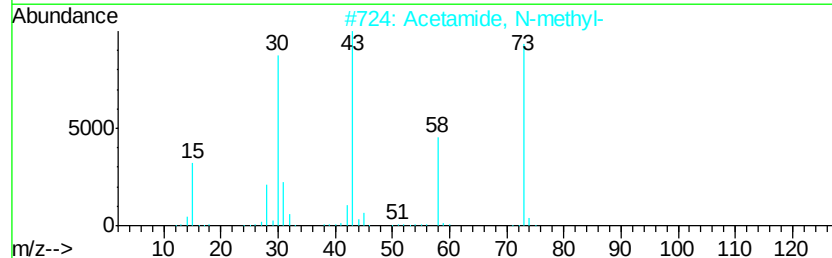
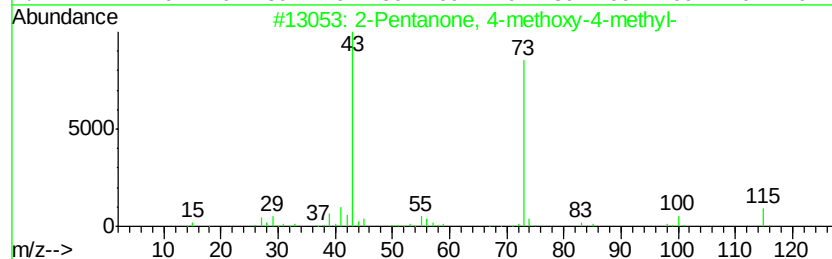
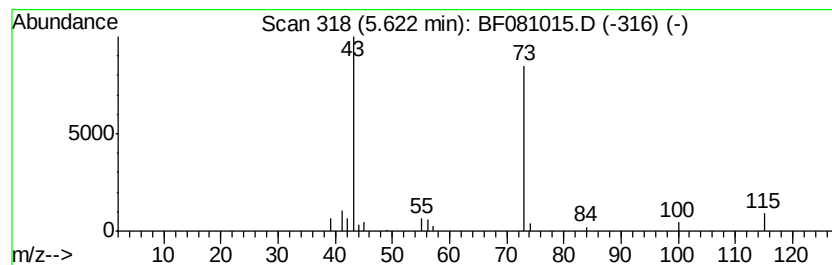
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	2.38 ng	46916	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
3		1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	9
4		5-Aminovaleric acid	117	C5H11NO2	000660-88-8	9
5		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9



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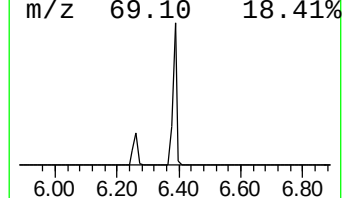
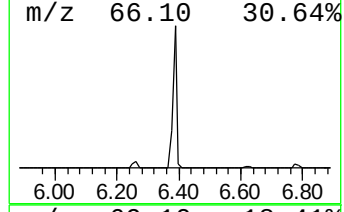
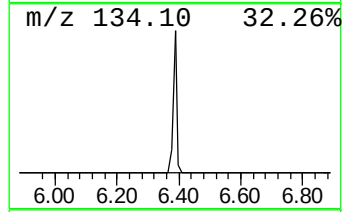
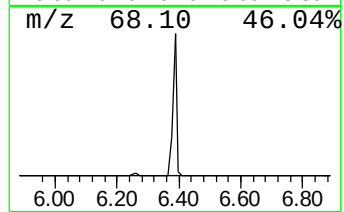
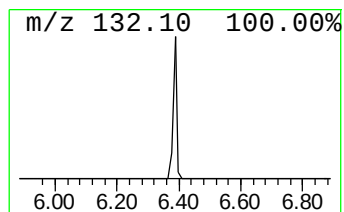
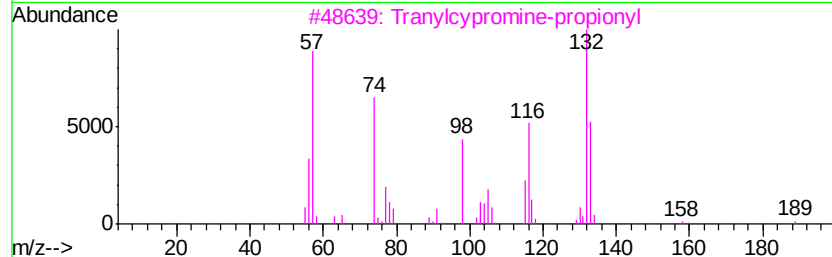
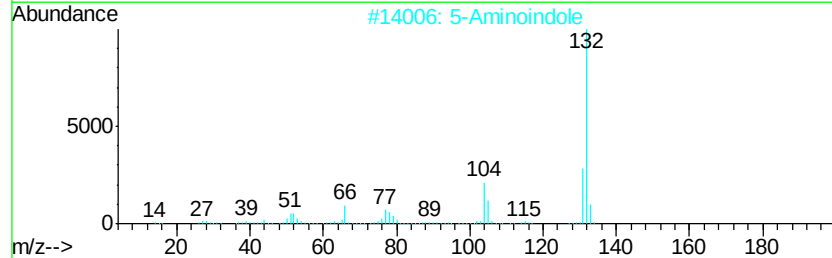
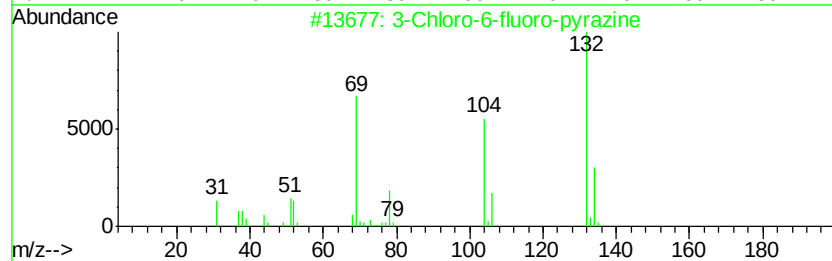
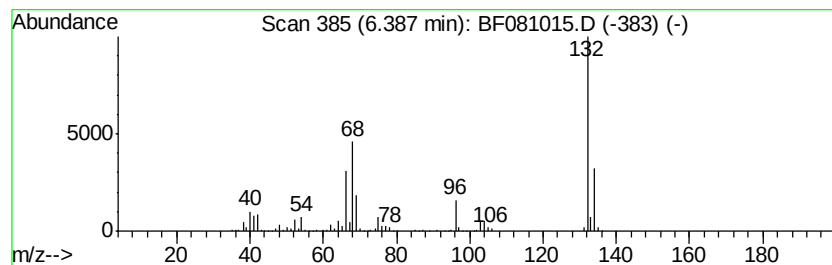
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	48.05 ng	948630	1,4-Dichlorobenzene-d4	6.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole			132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl			189	C12H15NO	1000123-86-3	10
4	Benzene, 1,3,5-trifluoro-			132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene, ...			132	C10H12	028749-81-7	9



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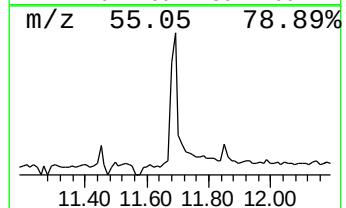
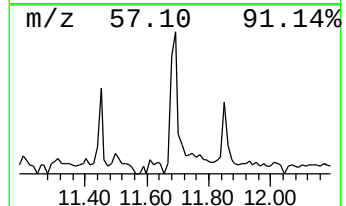
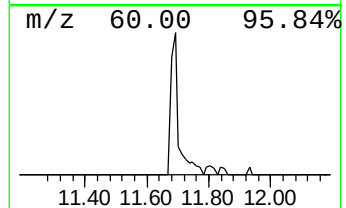
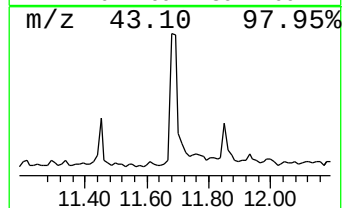
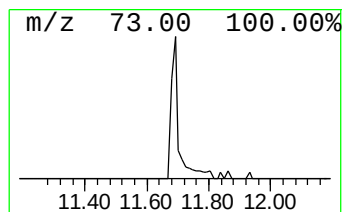
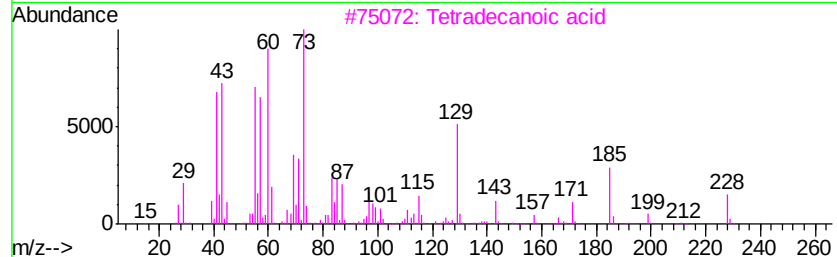
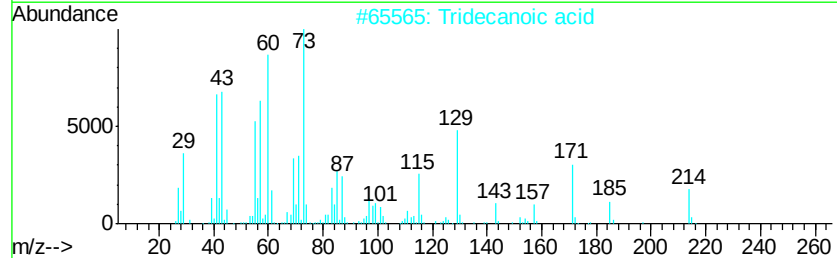
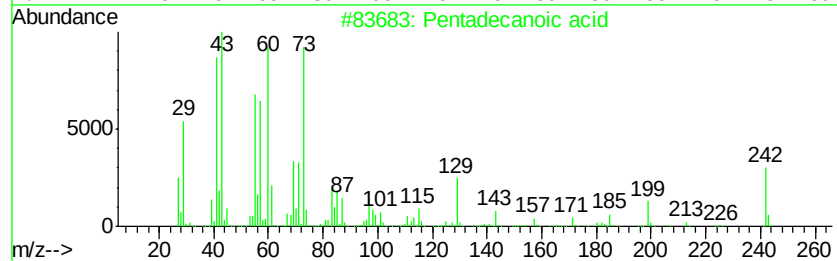
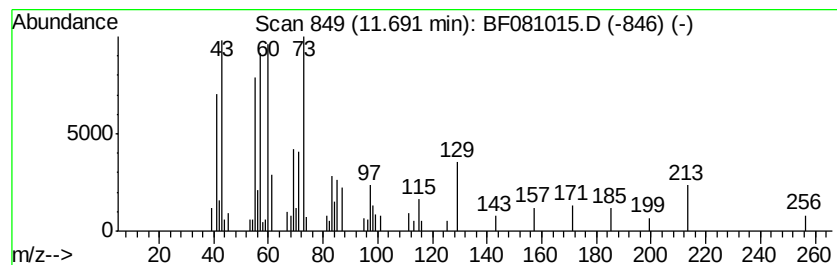
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Pentadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.69	4.13 ng	116137	Phenanthrene-d10		11.13
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43



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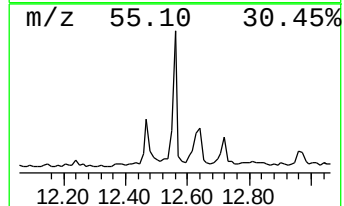
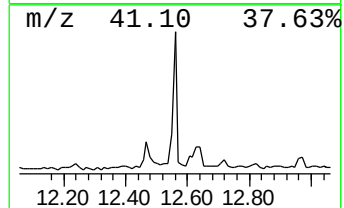
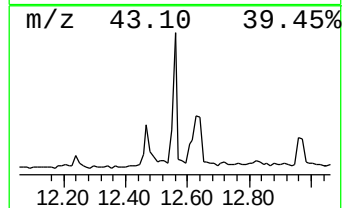
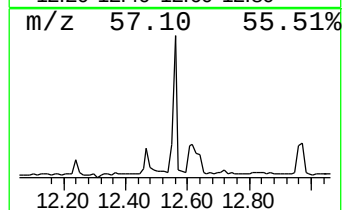
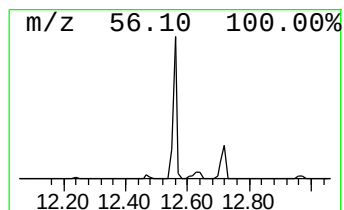
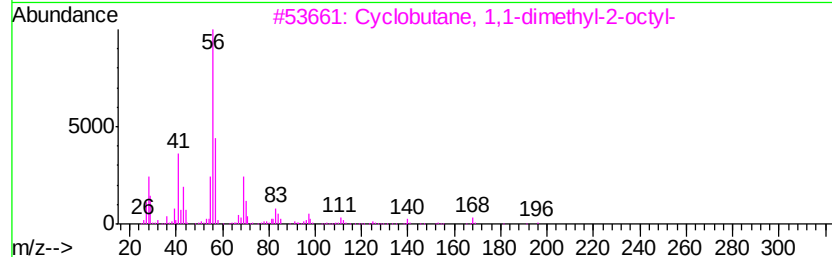
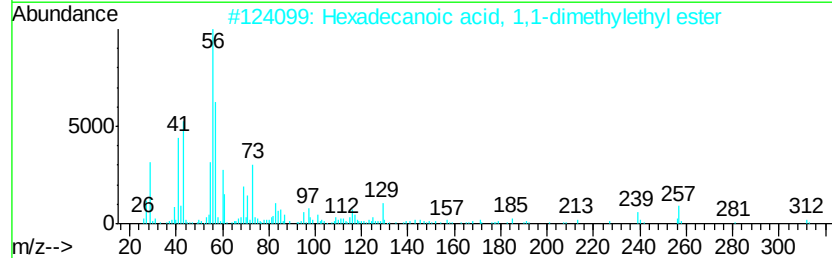
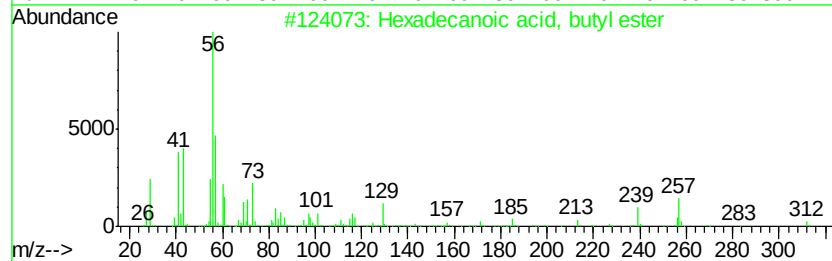
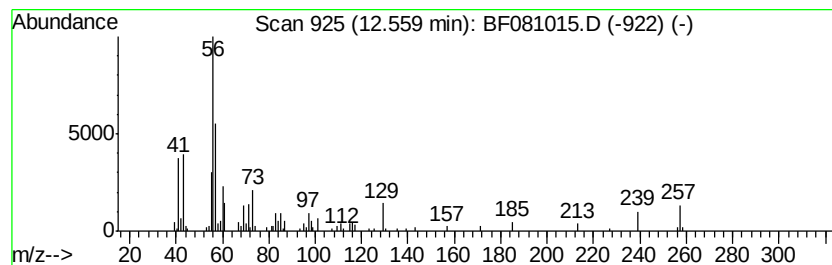
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	5.53 ng	141333	Chrysene-d12	13.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	62
3		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38
4		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	38
5		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081015.D
Acq On : 17 Aug 2015 21:23
Operator : UM/IZ
Sample : G3286-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STORM-WATER

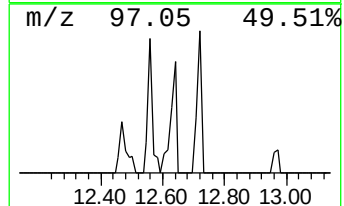
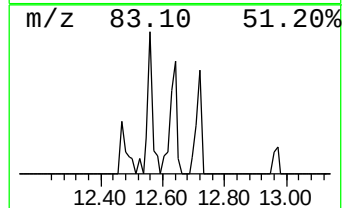
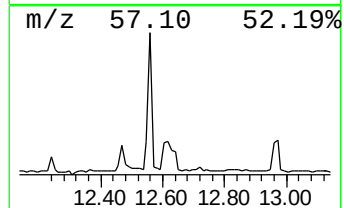
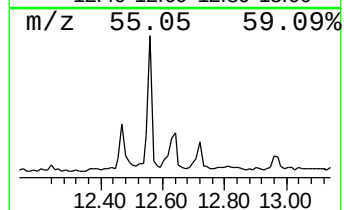
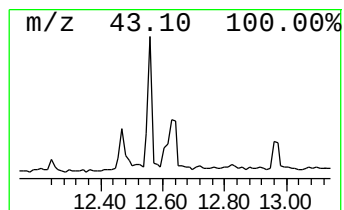
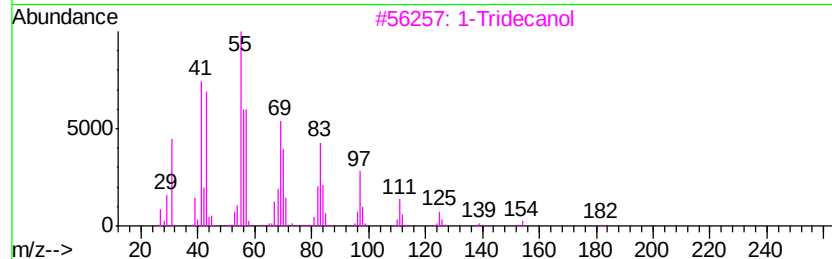
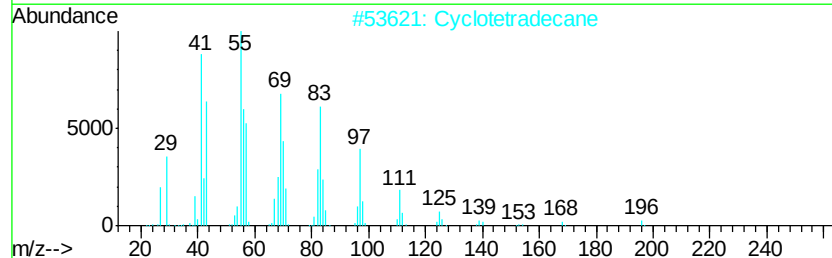
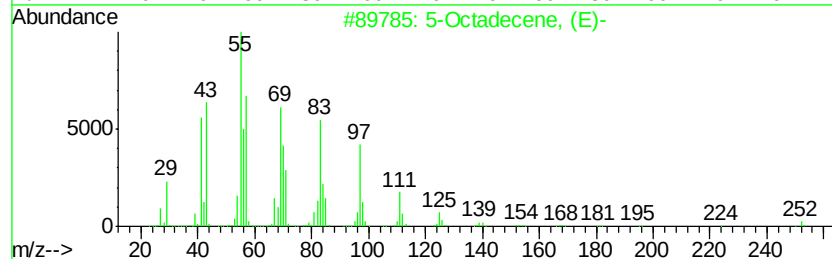
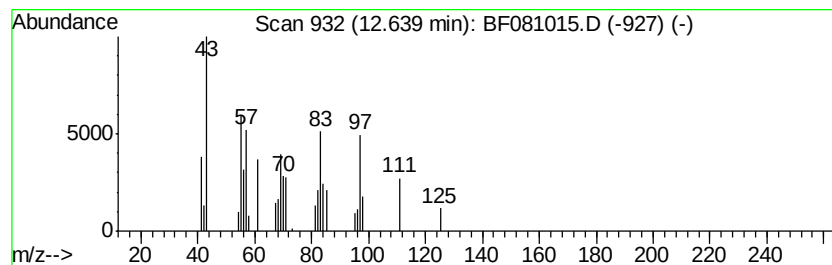
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5-Octadecene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	2.41 ng	61665	Chrysene-d12	13.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	59
2		Cyclotetradecane	196	C14H28	000295-17-0	59
3		1-Tridecanol	200	C13H28O	000112-70-9	50
4		1-Tridecene	182	C13H26	002437-56-1	50
5		1-Hexacosanol	382	C26H54O	000506-52-5	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Acq On : 17 Aug 2015 21:23
Operator : UM/IZ
Sample : G3286-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

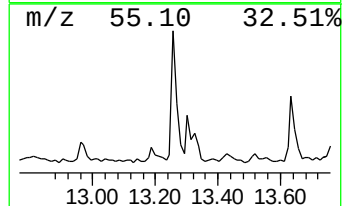
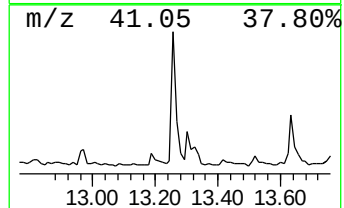
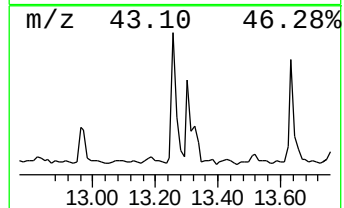
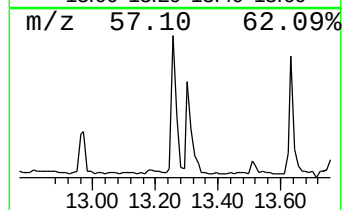
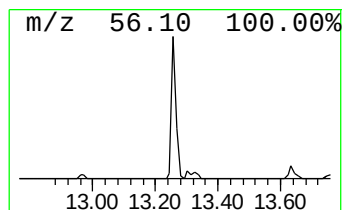
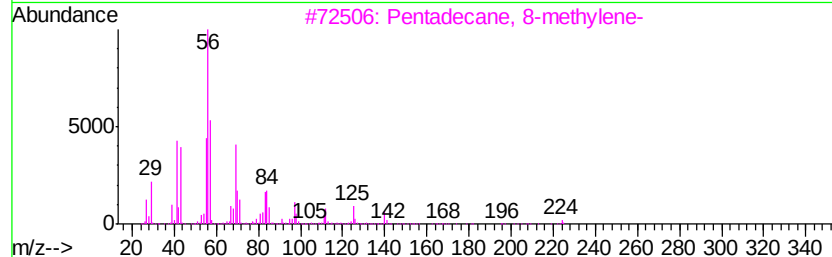
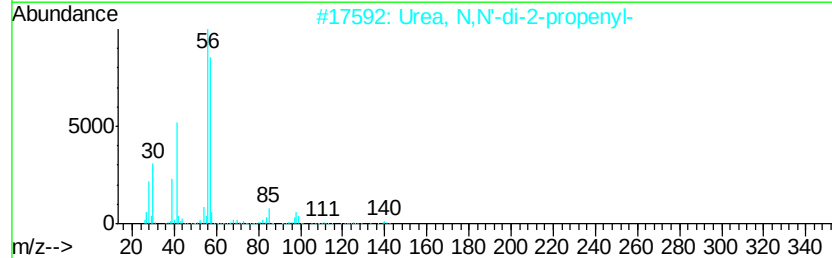
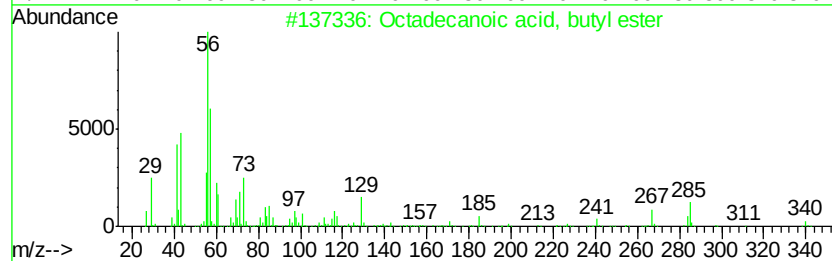
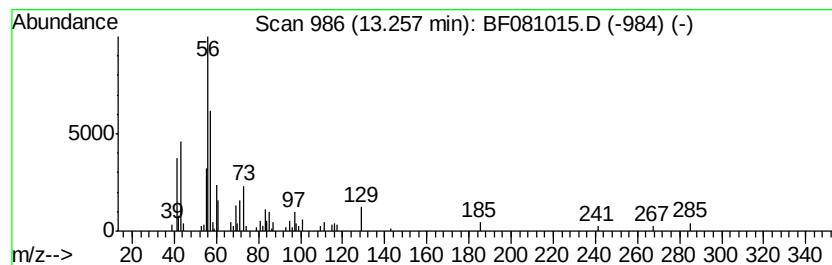
Instrument :
BNA_F
ClientSampleId :
STORM-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.26	4.70 ng	120095	Chrysene-d12	13.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	43
3	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	37
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	35
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081015.D
Acq On : 17 Aug 2015 21:23
Operator : UM/IZ
Sample : G3286-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

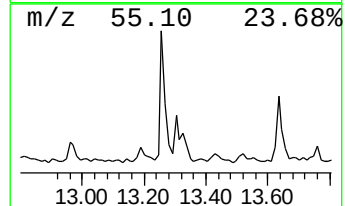
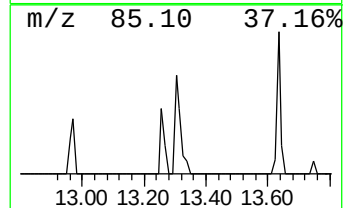
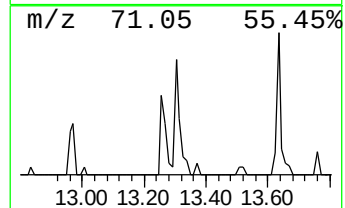
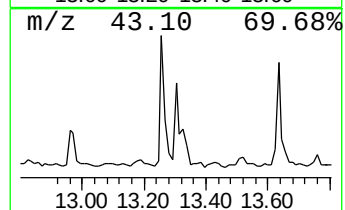
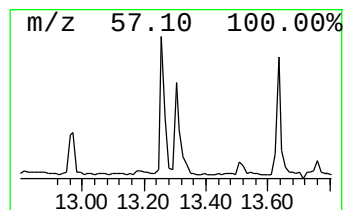
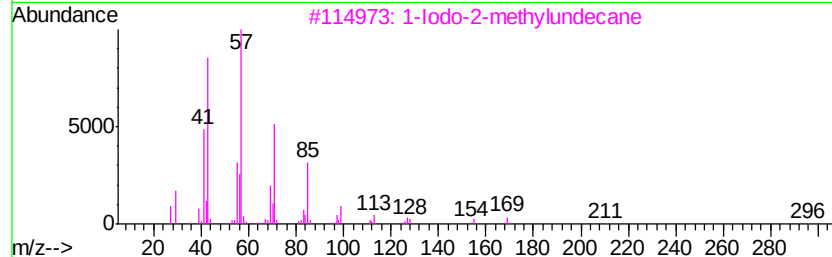
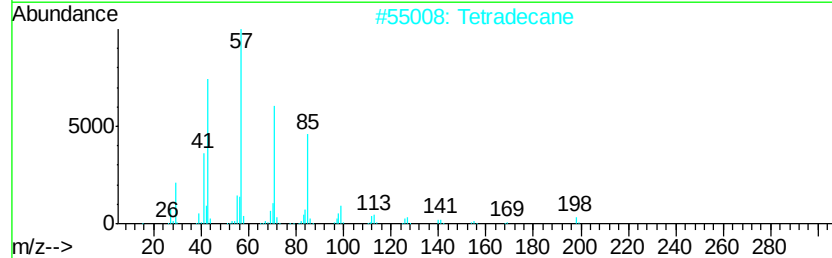
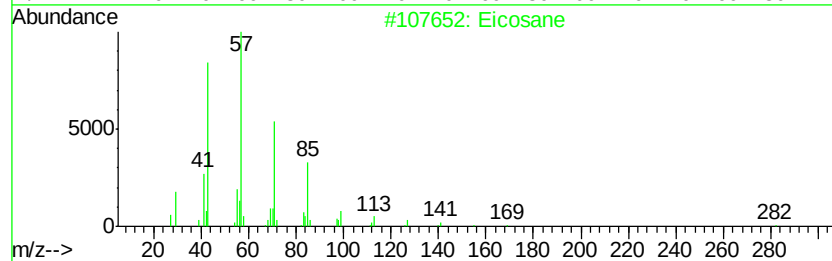
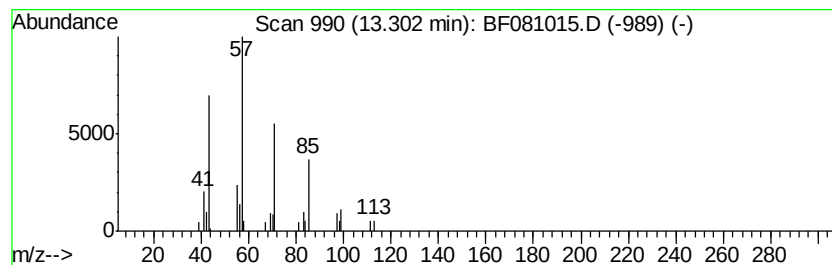
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.30	2.15 ng	54900	Chrysene-d12		13.75
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	80
2	Tetradecane	198	C14H30	000629-59-4	72
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
4	Pentadecane	212	C15H32	000629-62-9	64
5	Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081015.D
Acq On : 17 Aug 2015 21:23
Operator : UM/IZ
Sample : G3286-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STORM-WATER

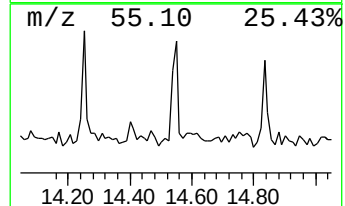
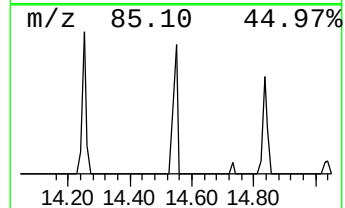
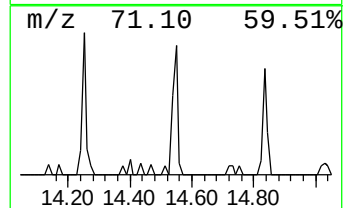
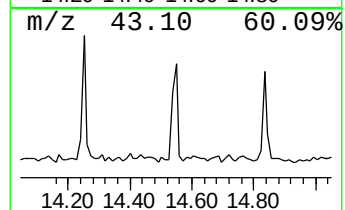
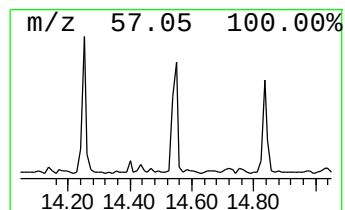
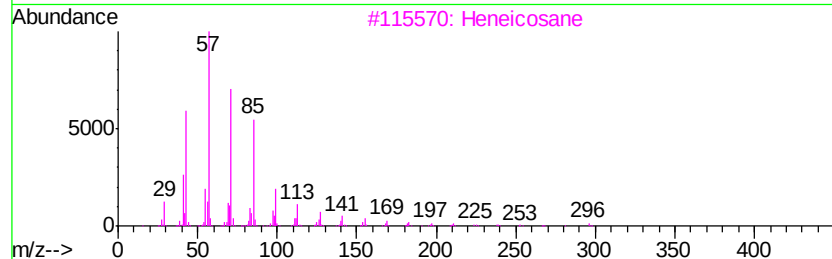
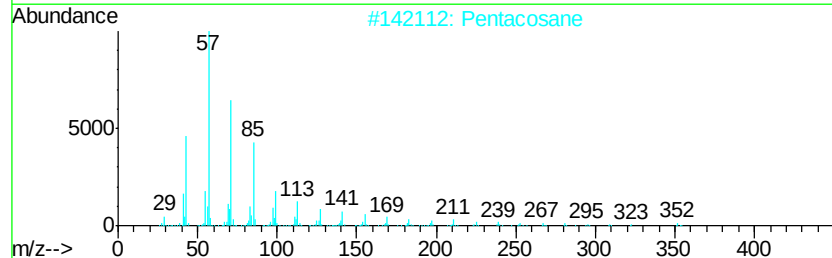
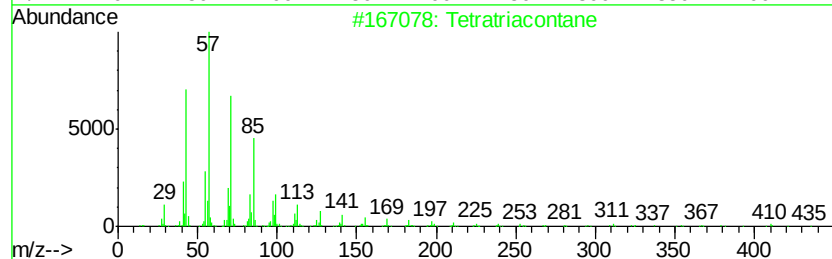
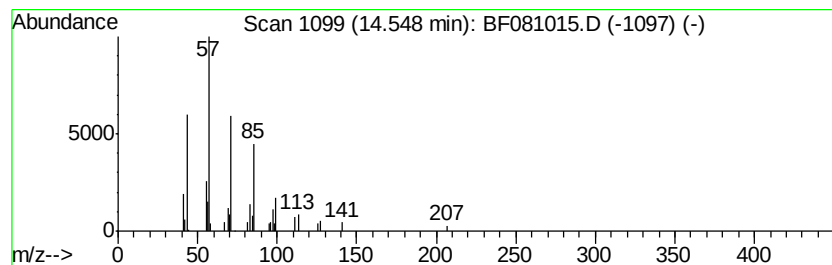
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tetratriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.23 ng	38543	Perylene-d12	15.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	90
2		Pentacosane	352	C25H52	000629-99-2	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tetratetracontane	619	C44H90	007098-22-8	90
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081015.D
Acq On : 17 Aug 2015 21:23
Operator : UM/IZ
Sample : G3286-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STORM-WATER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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...	4.01	12.7	ng	249916	1	6.63	394814	20.0
2-Pentanone, 4-hy...	4.74	22.8	ng	449864	1	6.63	394814	20.0
2-Pentanone, 4-me...	5.62	2.4	ng	46916	1	6.63	394814	20.0
unknown6.39	6.39	48.0	ng	948630	1	6.63	394814	20.0
Pentadecanoic acid	11.69	4.1	ng	116137	4	11.13	562534	20.0
Hexadecanoic acid...	12.56	5.5	ng	141333	5	13.75	511453	20.0
5-Octadecene, (E)-	12.64	2.4	ng	61665	5	13.75	511453	20.0
Octadecanoic acid...	13.26	4.7	ng	120095	5	13.75	511453	20.0
Eicosane	13.30	2.1	ng	54900	5	13.75	511453	20.0
Tetratriacontane	14.55	2.2	ng	38543	6	15.10	344951	20.0