

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097133.D
 Acq On : 27 Jul 2017 20:13
 Operator : SJ/JU
 Sample : I4442-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225

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-BF072517.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	4.628	462	466	473	rBV	216722	307222	13.85%	1.409%
2	5.087	540	544	558	rBV	2192083	2218043	100.00%	10.172%
3	6.145	720	724	739	rBV	1875784	2117012	95.45%	9.708%
4	6.257	739	743	747	rBV	2277886	2040011	91.97%	9.355%
5	6.487	778	782	788	rBV	635578	555762	25.06%	2.549%
6	6.640	804	808	816	rBV	1696630	1548763	69.83%	7.102%
7	7.051	874	878	893	rBV	1308880	1284762	57.92%	5.892%
8	7.769	996	1000	1004	rBV	850668	715841	32.27%	3.283%
9	8.216	1072	1076	1082	rBV5	66434	117968	5.32%	0.541%
10	8.516	1124	1127	1129	rBV3	56068	68434	3.09%	0.314%
11	8.598	1135	1141	1144	rBV7	58475	107376	4.84%	0.492%
12	8.657	1146	1151	1156	rBV8	51170	124115	5.60%	0.569%
13	8.704	1156	1159	1160	rBV2	54267	59462	2.68%	0.273%
14	8.757	1166	1168	1171	rVB3	80735	74750	3.37%	0.343%
15	8.792	1171	1174	1176	rBV3	74963	79008	3.56%	0.362%
16	8.816	1176	1178	1179	rBV	116172	77706	3.50%	0.356%
17	8.851	1179	1184	1187	rVB	2099825	2014220	90.81%	9.237%
18	8.881	1187	1189	1192	rBV4	56214	70037	3.16%	0.321%
19	8.928	1193	1197	1201	rBV6	239760	344092	15.51%	1.578%
20	8.998	1206	1209	1210	rBV2	103720	93410	4.21%	0.428%
21	9.157	1233	1236	1238	rBV2	241201	279396	12.60%	1.281%
22	9.228	1246	1248	1250	rBV	392014	371576	16.75%	1.704%
23	9.275	1253	1256	1263	rVB5	409219	764879	34.48%	3.508%
24	9.433	1280	1283	1287	rVB2	544166	587828	26.50%	2.696%
25	9.522	1292	1298	1300	rBV3	1024914	1502210	67.73%	6.889%
26	9.804	1344	1346	1350	rVB4	393259	330932	14.92%	1.518%
27	9.933	1365	1368	1371	rVB2	770482	676774	30.51%	3.104%
28	10.480	1457	1461	1467	rBV	1137536	1854913	83.63%	8.506%
29	13.621	1992	1995	1997	rVB	448383	404971	18.26%	1.857%
30	14.963	2219	2223	2228	rVB	424210	488423	22.02%	2.240%
31	15.268	2273	2275	2281	rBV7	26359	50151	2.26%	0.230%
32	15.874	2375	2378	2381	rBV4	27634	53051	2.39%	0.243%
33	16.980	2555	2566	2574	rBV	167176	422829	19.06%	1.939%

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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-BF072517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

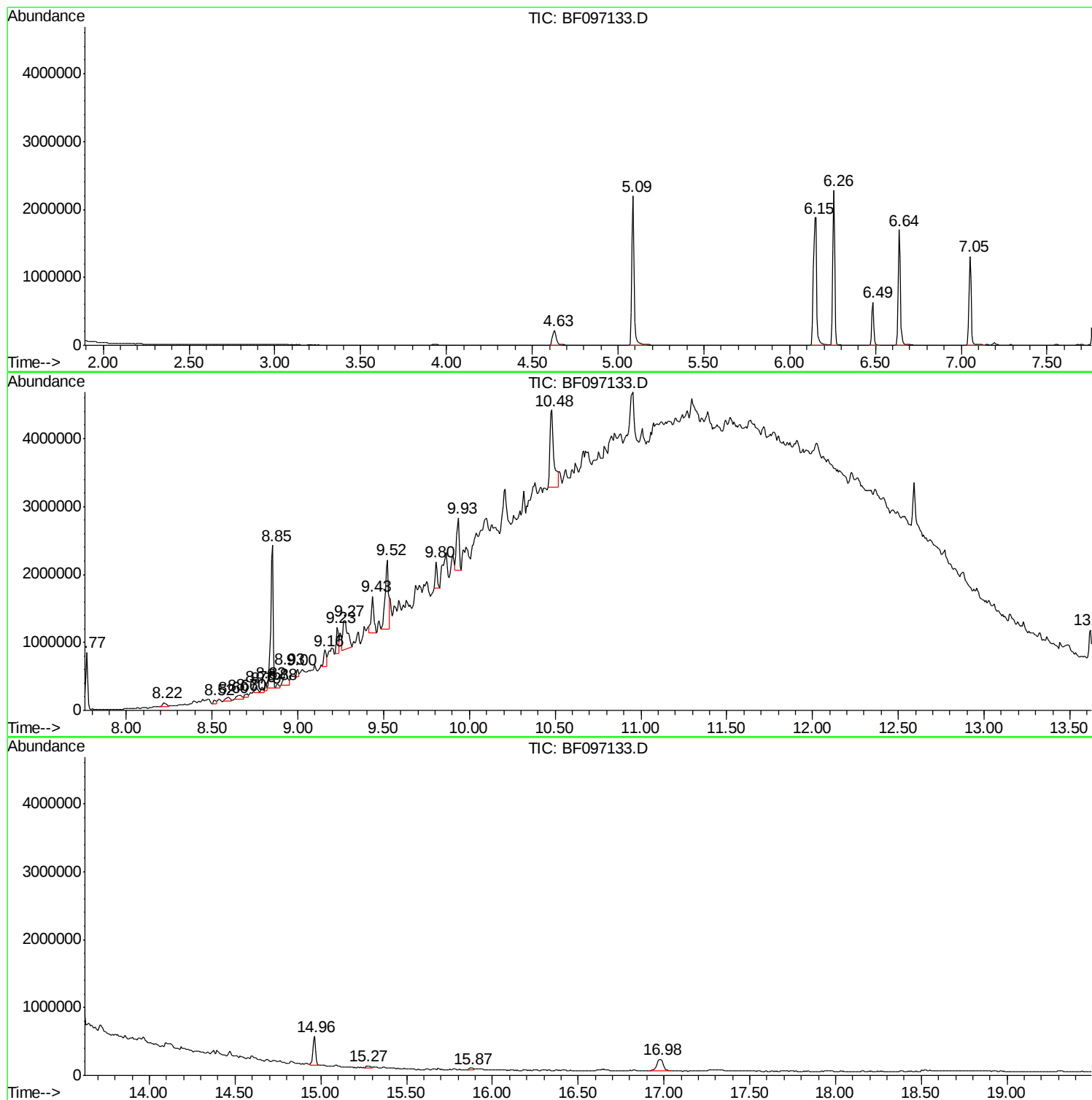
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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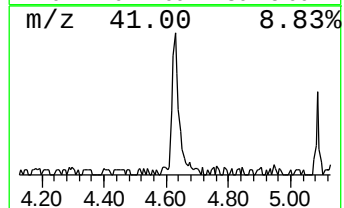
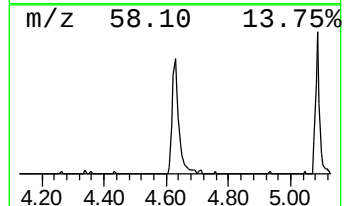
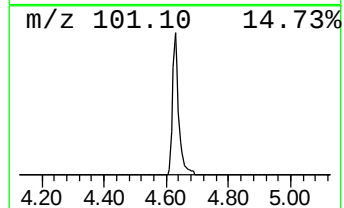
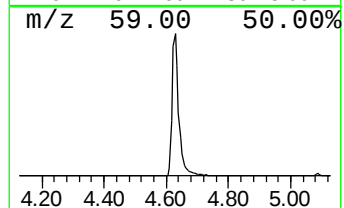
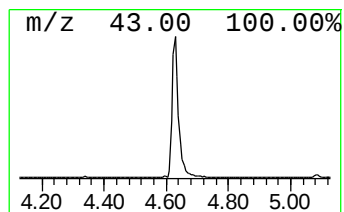
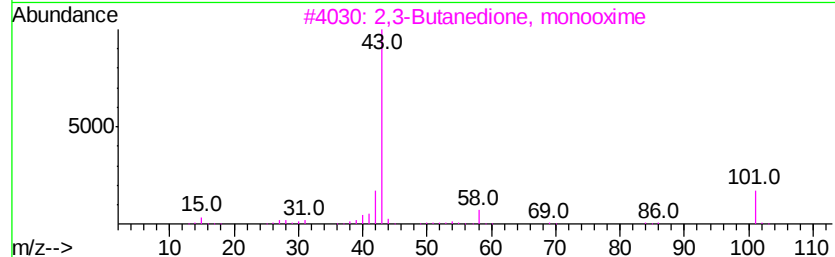
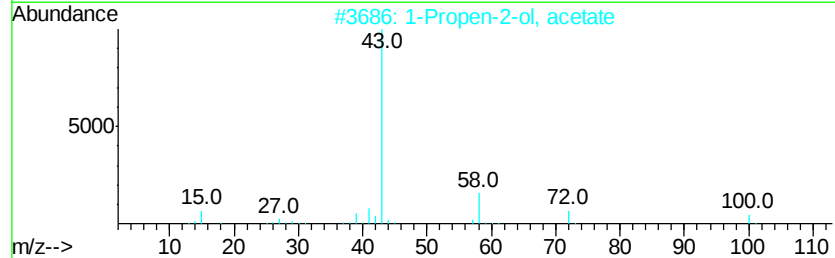
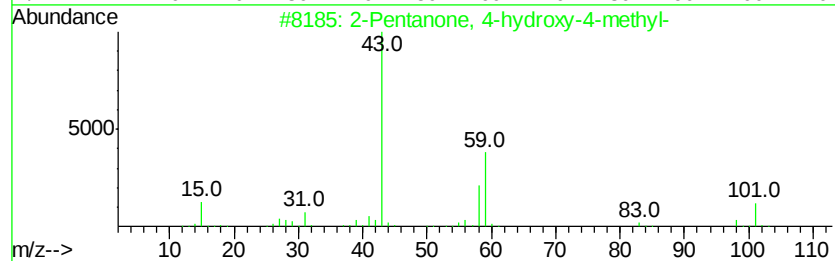
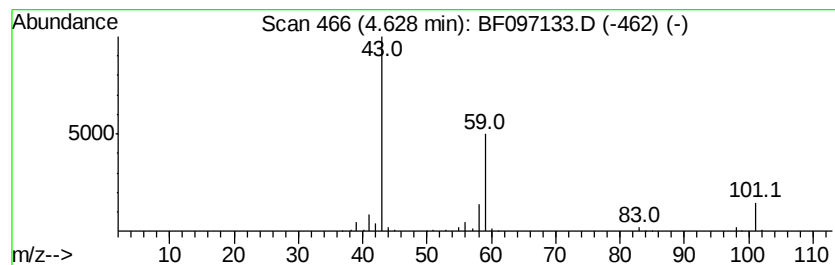
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	11.06 ng	307222	1,4-Dichlorobenzene-d4	6.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10		
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9		
5	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	7		



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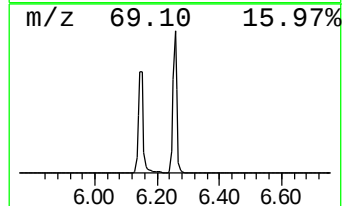
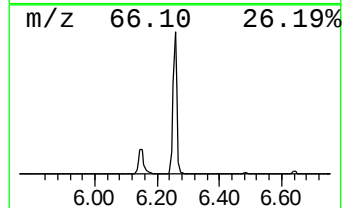
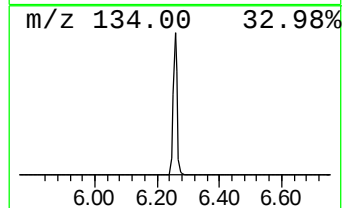
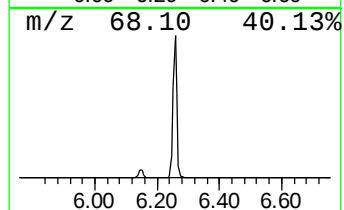
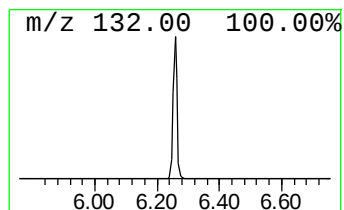
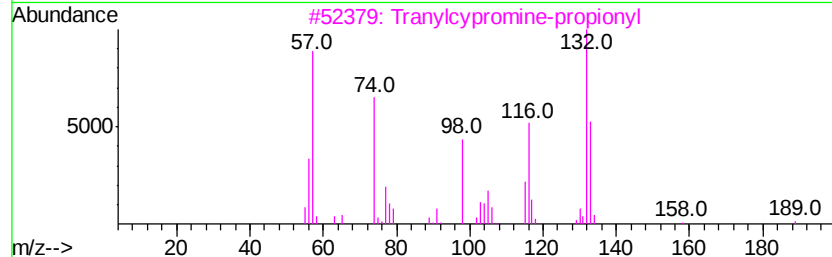
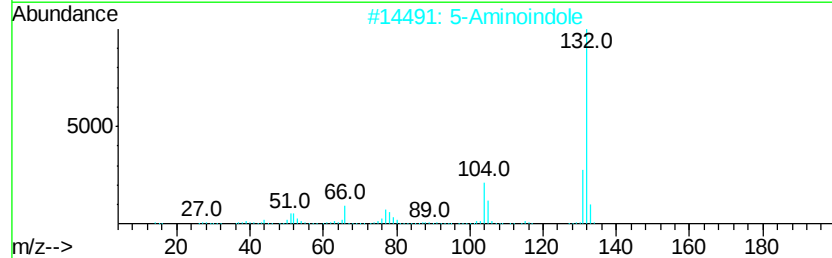
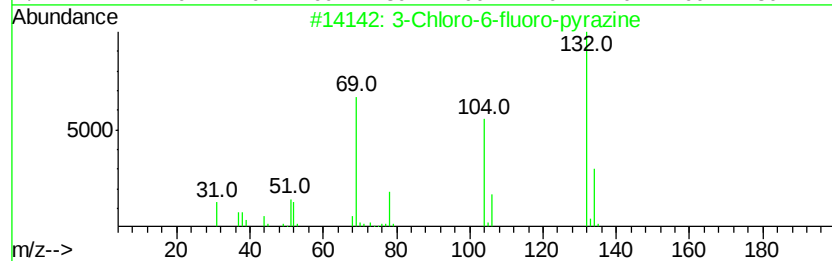
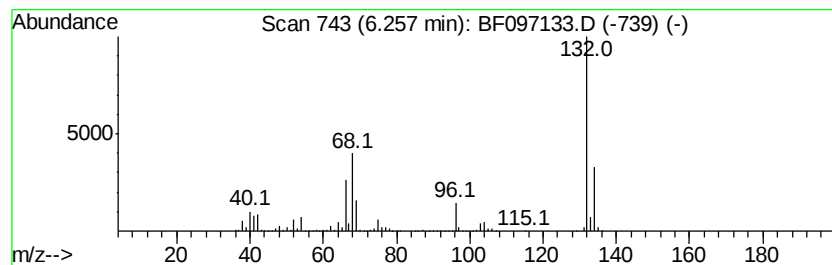
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	73.41 ng	2040010	1,4-Dichlorobenzene-d4	6.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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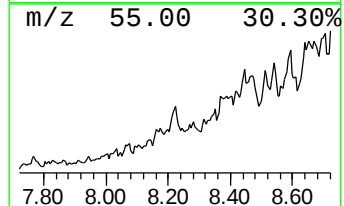
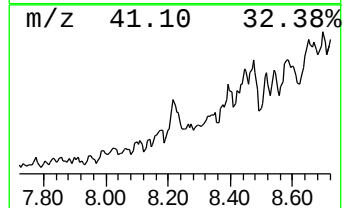
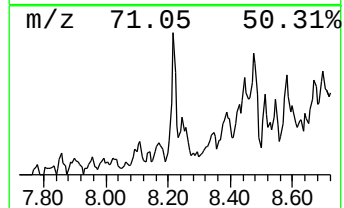
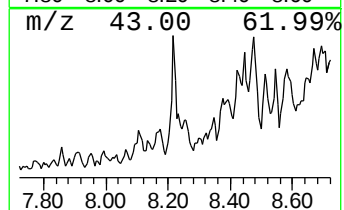
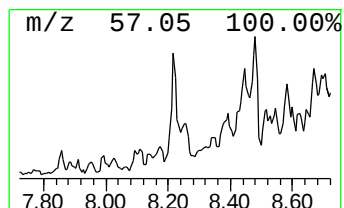
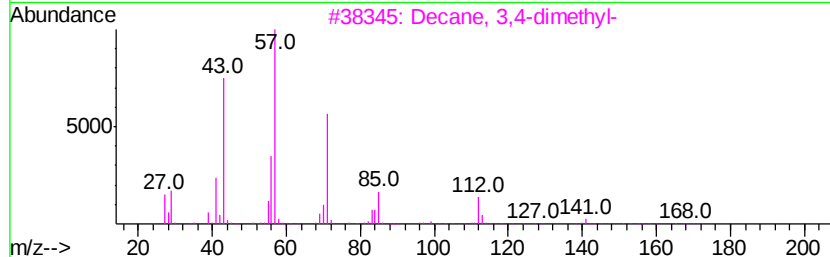
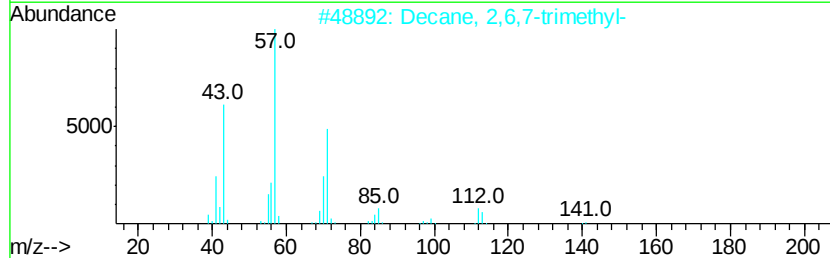
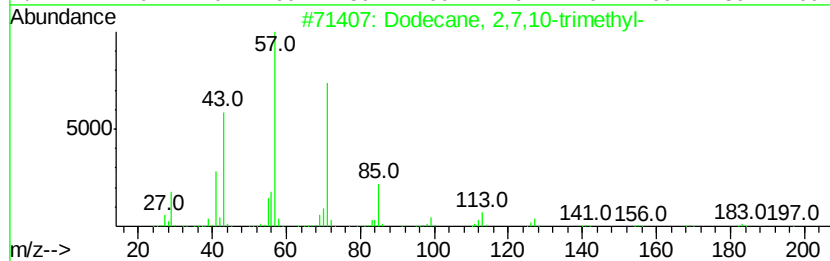
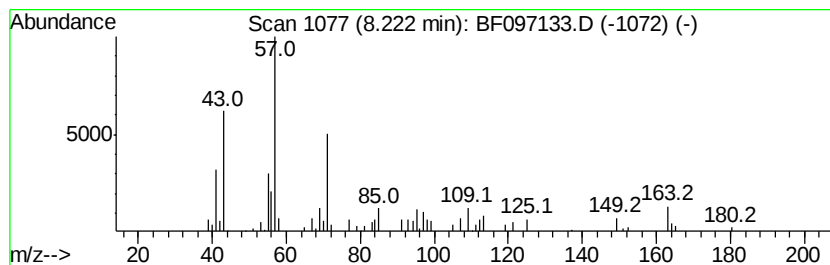
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	3.30 ng	117968	Napthalene-d8	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
2		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
3		Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	59
4		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	59
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	53



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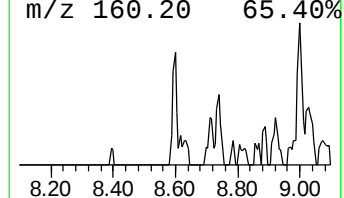
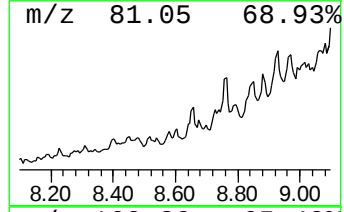
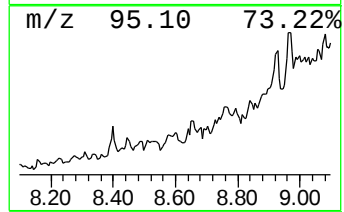
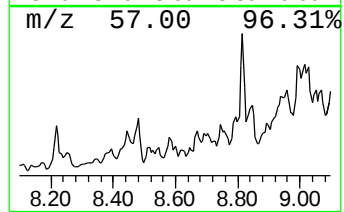
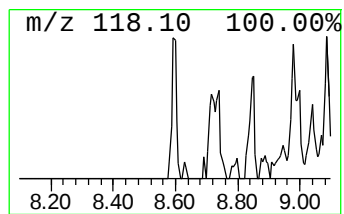
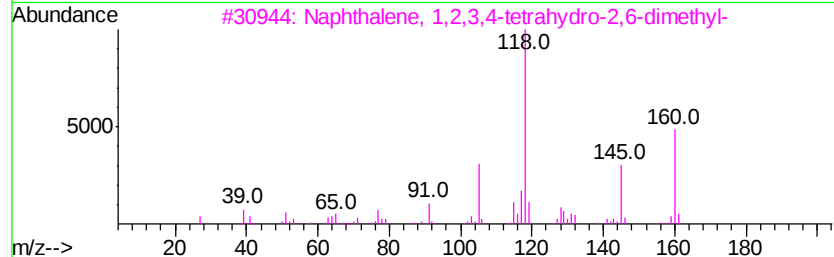
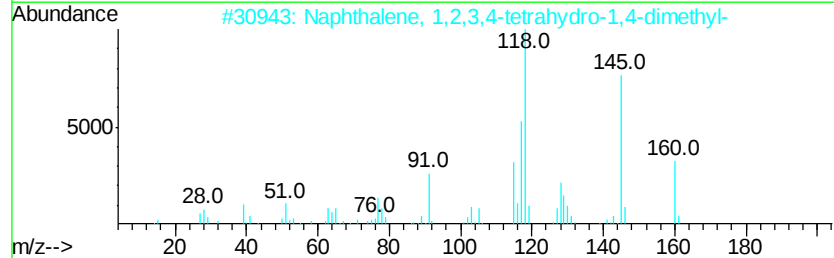
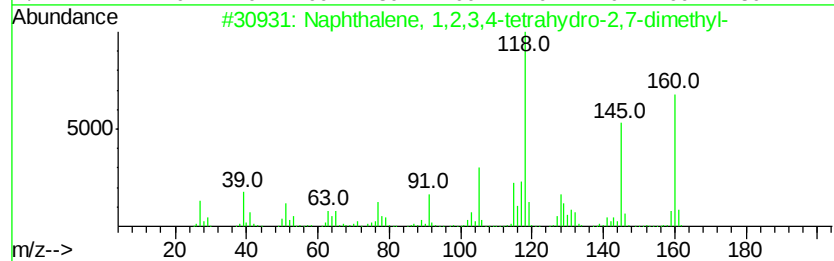
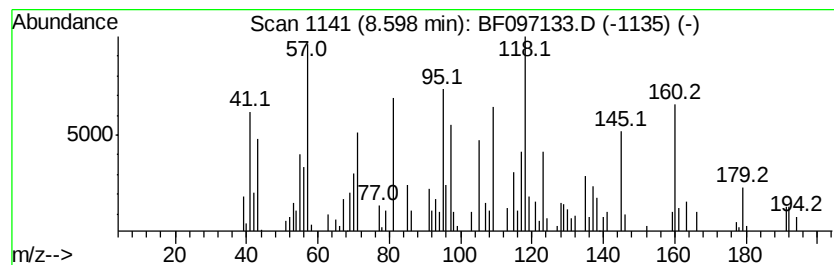
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	3.00 ng	107376	Naphthalene-d8	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	80
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	46
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	44
4		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	35
5		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	30



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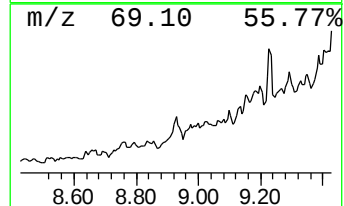
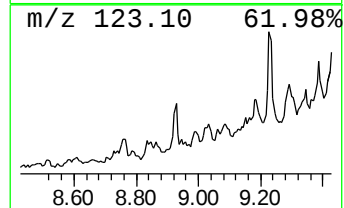
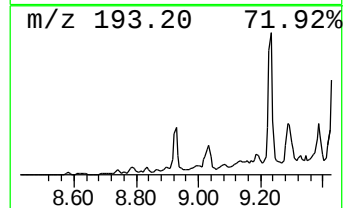
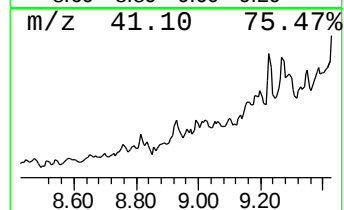
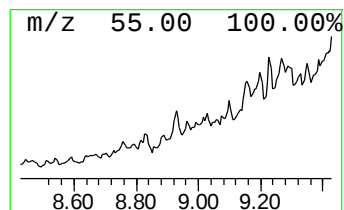
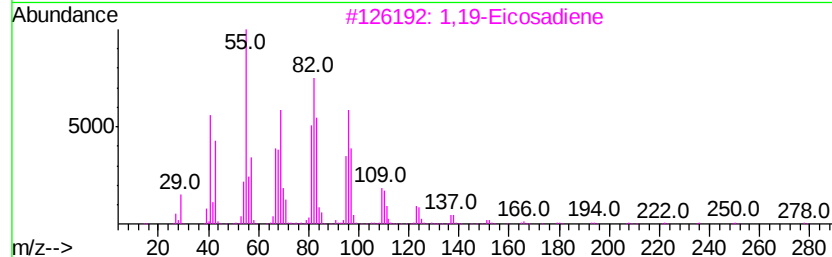
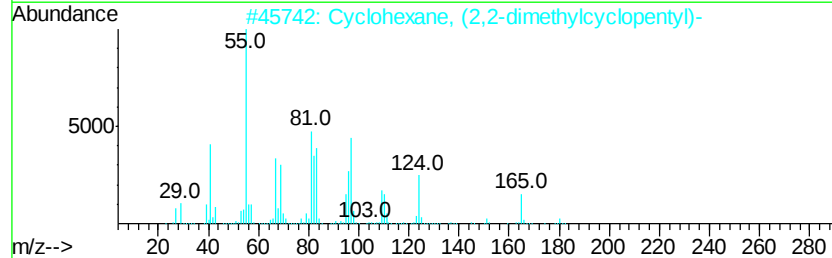
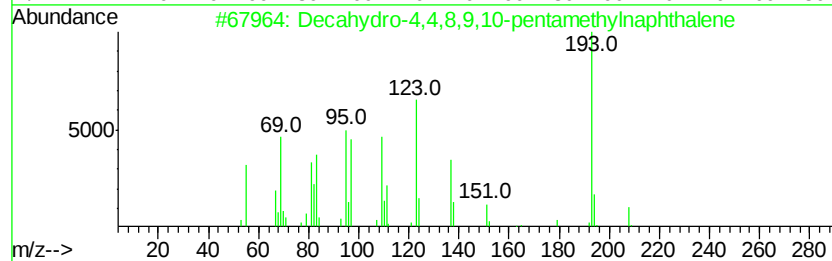
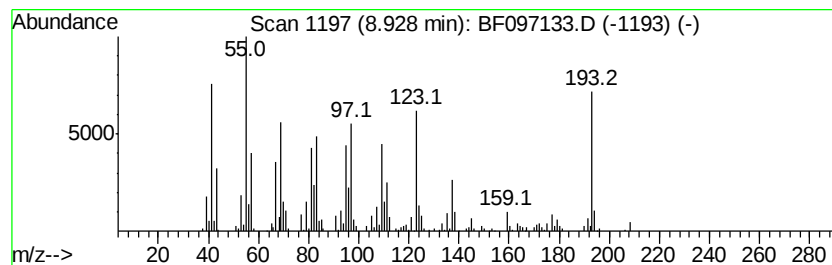
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Peak Number 6 Decahydro-4,4,8,9,10-pentam... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.		
8.93	4.58 ng	344092	Acenaphthene-d10		9.52		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	50
2			Cyclohexane, (2,2-dimethylcyclop...	180	C13H24	061142-23-2	30
3			1,19-Eicosadiene	278	C20H38	014811-95-1	27
4			Pyrimido(5,4-e)-as-triazine-5,7(...	193	C7H7N5O2	000084-82-2	22
5			1-Hexyl-1-nitrocyclohexane	213	C12H23NO2	118252-09-8	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
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Acq On : 27 Jul 2017 20:13
Operator : SJ/JU
Sample : I4442-02
Misc :
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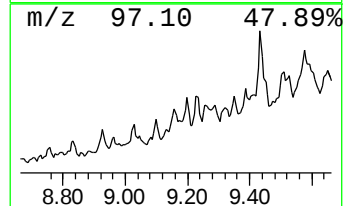
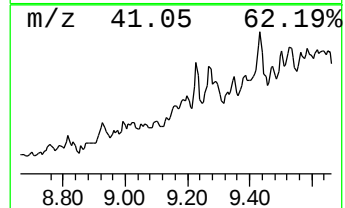
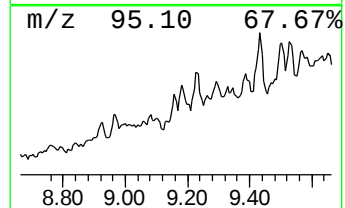
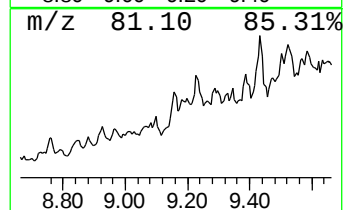
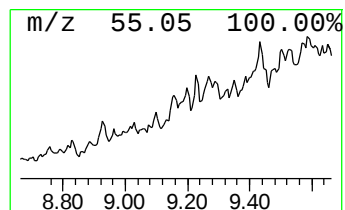
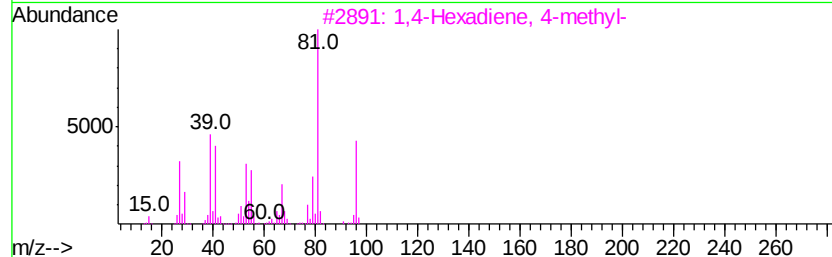
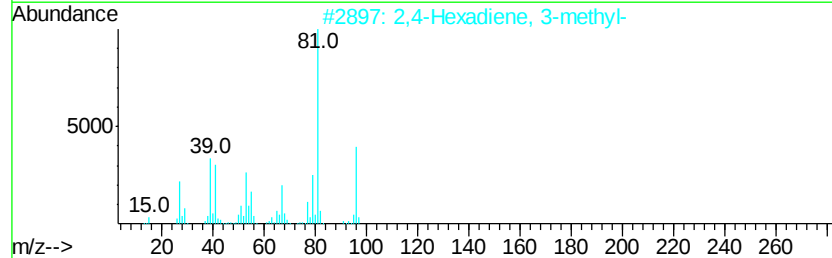
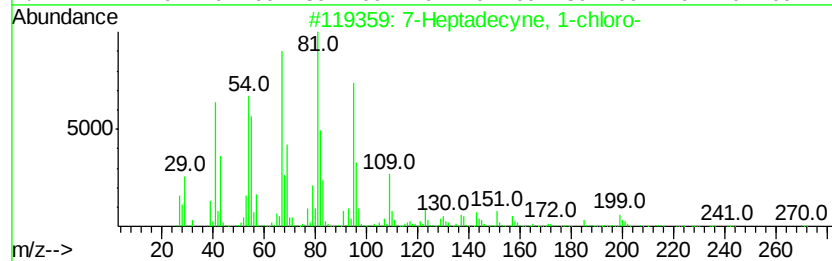
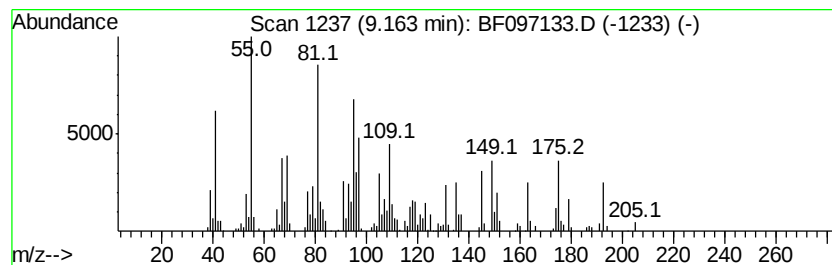
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown9.16 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.16	3.72 ng	279396	Acenaphthene-d10	9.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Heptadecyne, 1-chloro-	270	C17H31Cl	056554-74-6	38
2	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	25
3	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	22
4	Cyclohexene, 4-(2-bromoethyl)-	188	C8H13Br	063540-01-2	22
5	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
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Acq On : 27 Jul 2017 20:13
Operator : SJ/JU
Sample : I4442-02
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ClientSampleId :
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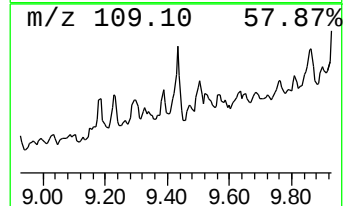
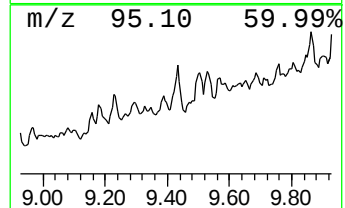
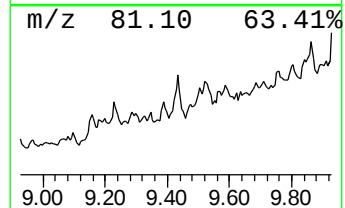
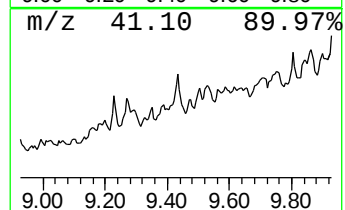
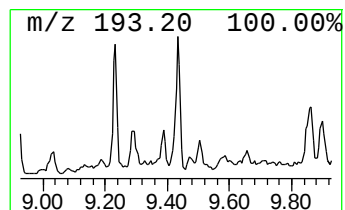
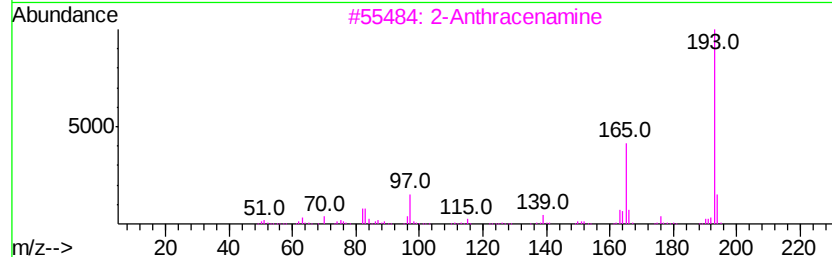
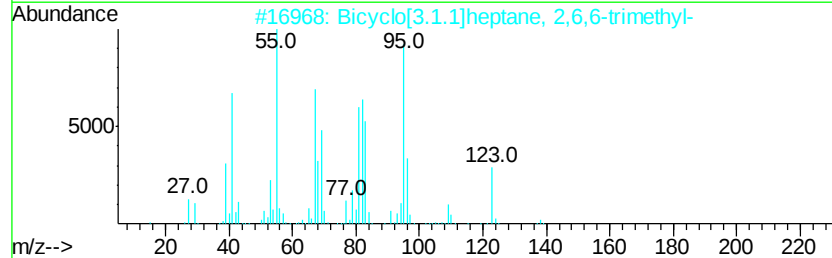
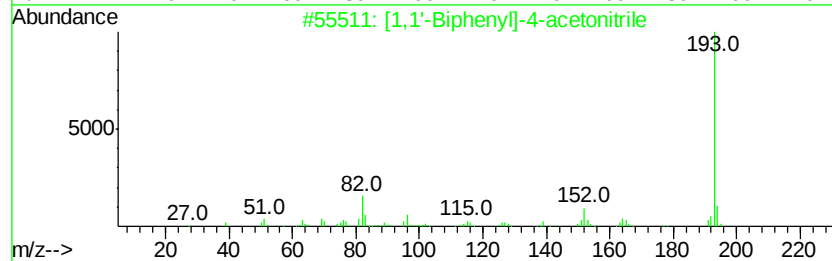
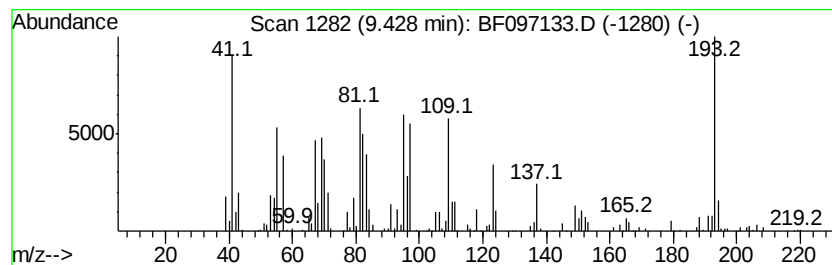
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown9.43 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	7.83 ng	587828	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	38
2		Bicyclo[3.1.1]heptane, 2,6,6-trimethyl-	138	C10H18	000473-55-2	38
3		2-Anthracenamine	193	C14H11N	000613-13-8	30
4		1-Anthracenamine	193	C14H11N	000610-49-1	30
5		6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097133.D
Acq On : 27 Jul 2017 20:13
Operator : SJ/JU
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ALS Vial : 17 Sample Multiplier: 1

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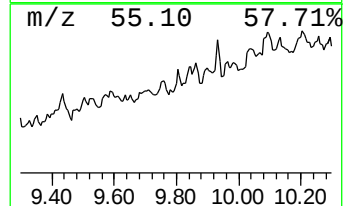
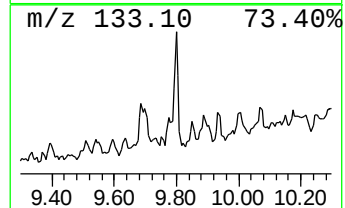
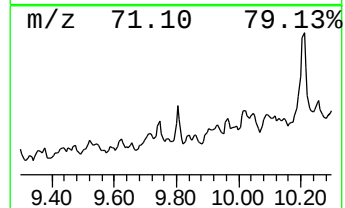
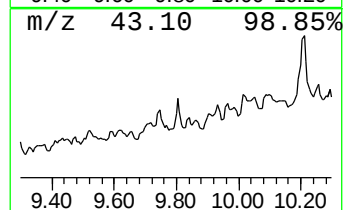
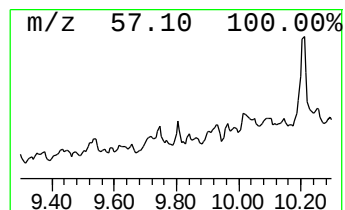
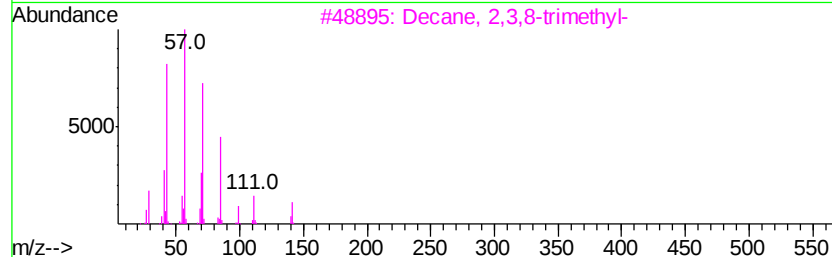
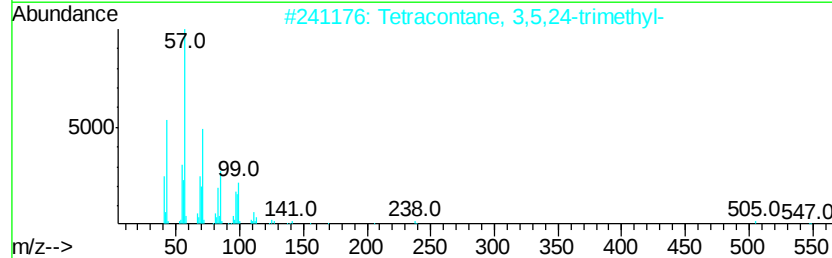
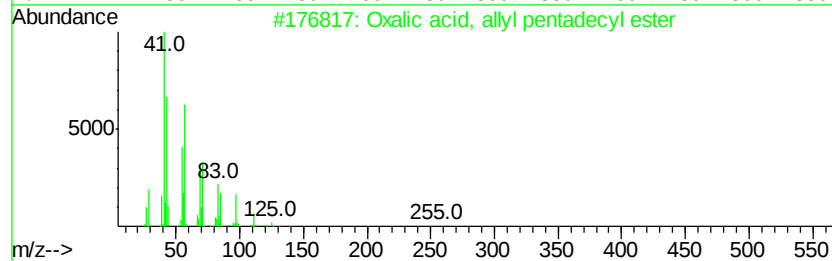
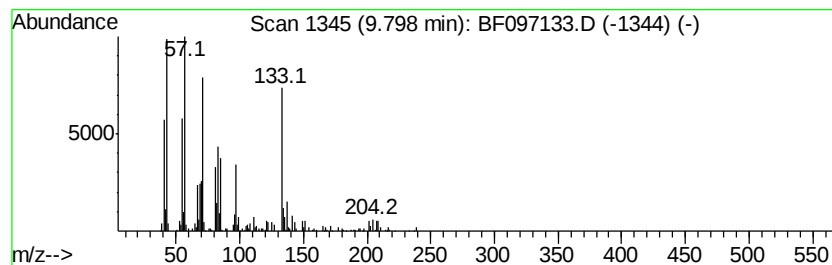
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Oxalic acid, allyl pentadec... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	4.41 ng	330932	Acenaphthene-d10	9.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	72
2		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	64
3		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	50
4		Tetratetracontane	619	C44H90	007098-22-8	50
5		Dodecane	170	C12H26	000112-40-3	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097133.D
Acq On : 27 Jul 2017 20:13
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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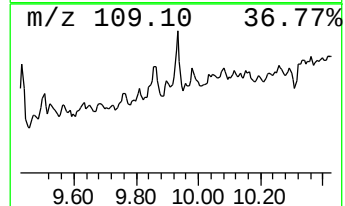
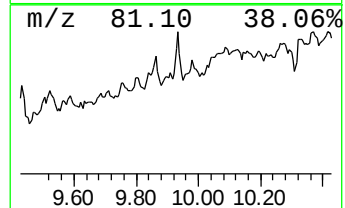
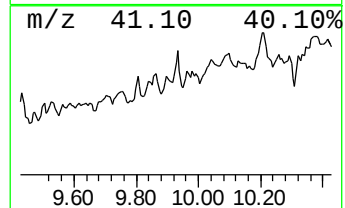
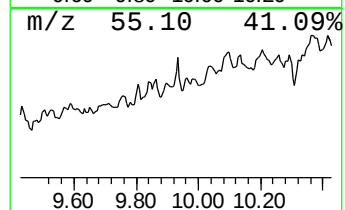
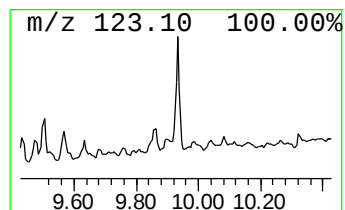
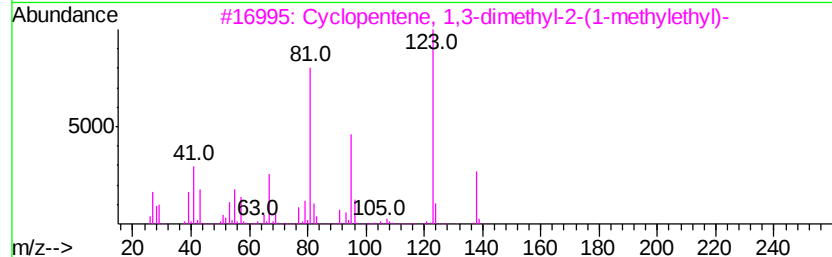
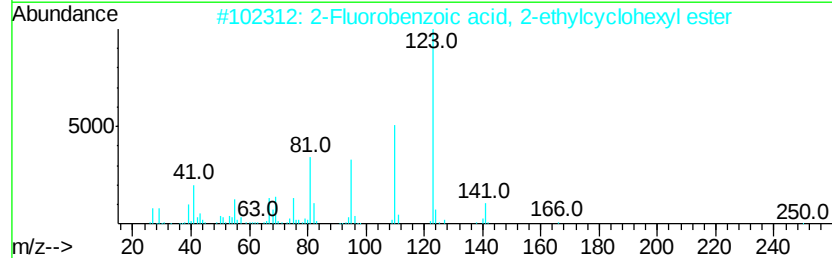
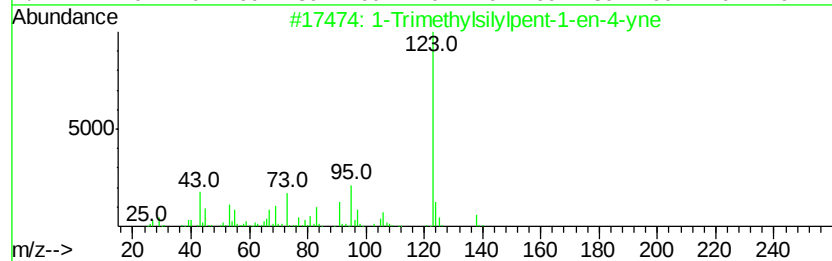
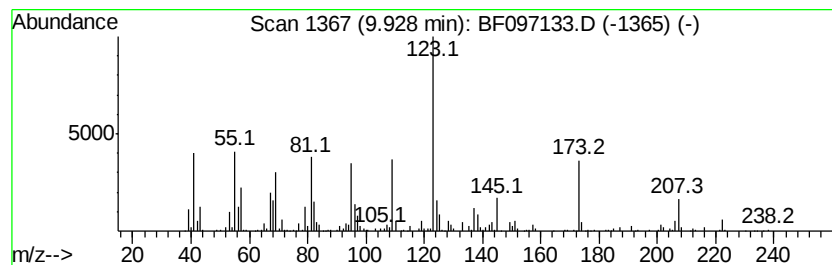
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1-Trimethylsilylpent-1-en-4... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	9.01 ng	676774	Acenaphthene-d10	9.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	53
2			2-Fluorobenzoic acid, 2-ethylcyclohexyl ester	250	C15H19F02	1000278-98-1	50
3			Cyclopentene, 1,3-dimethyl-2-(1-methylethyl)-	138	C10H18	061142-32-3	50
4			Benzamide, 3-fluoro-N-[5-(trifluoromethyl)-2-pyridyl]-	413	C17H11F8N02	339240-74-3	47
5			Bicyclo[4.1.0]heptane-7-carboxamide	222	C11H14N2OS	329912-72-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
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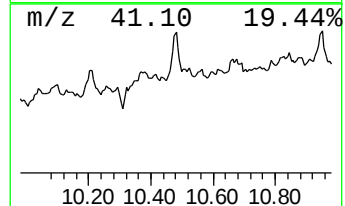
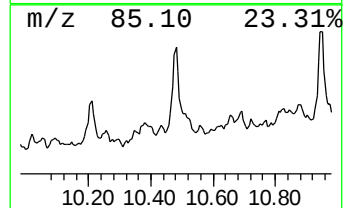
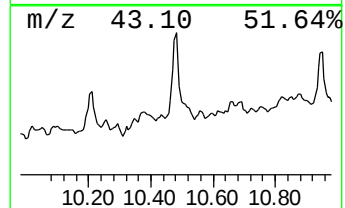
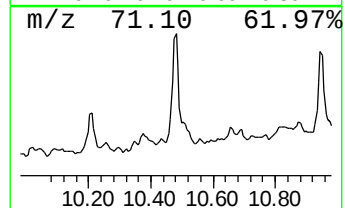
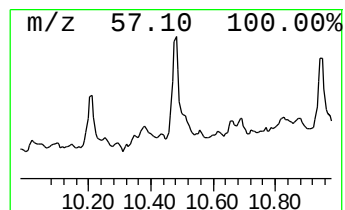
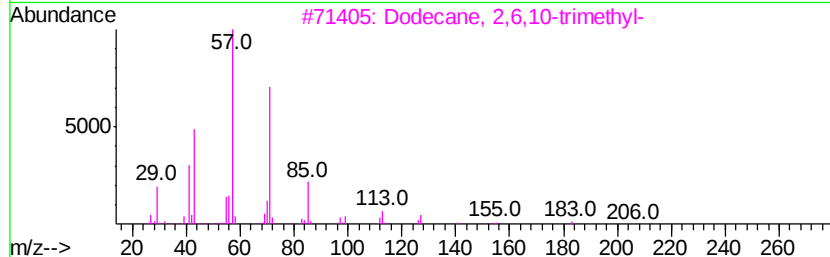
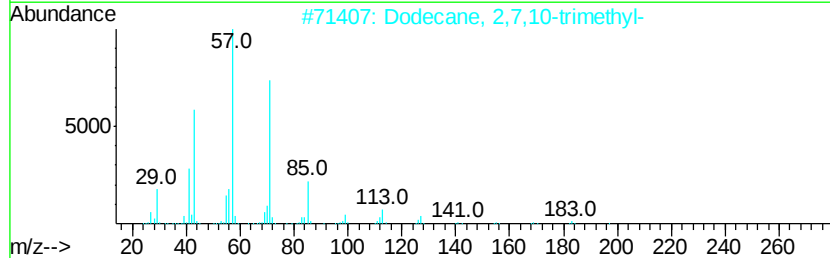
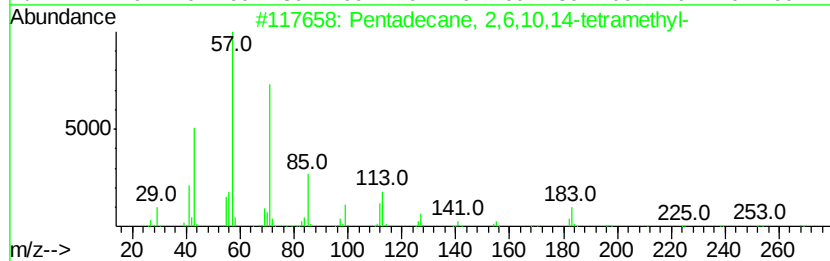
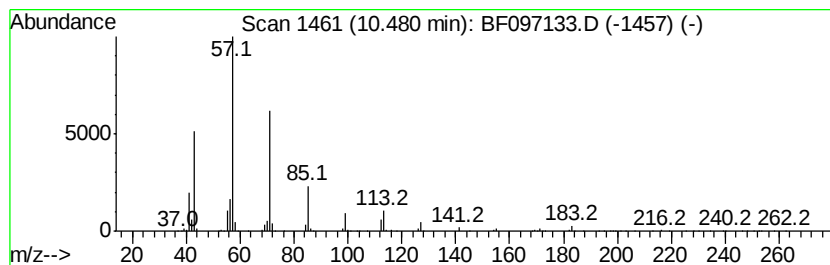
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 11 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	20.00 ng	1854910	Phenanthrene-d10	11.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
5		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64



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Data File : BF097133.D
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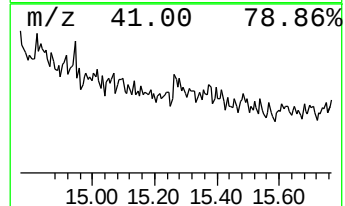
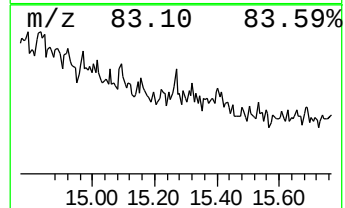
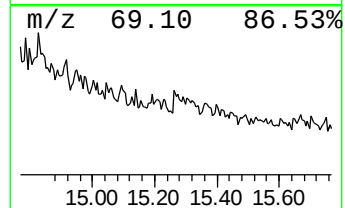
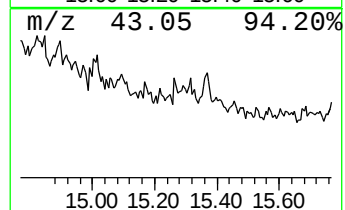
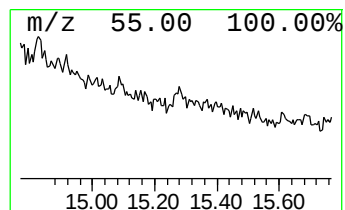
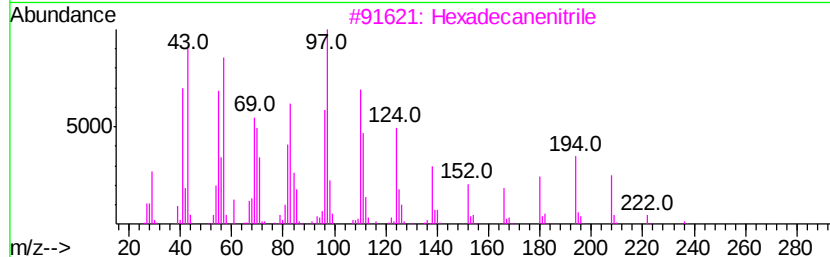
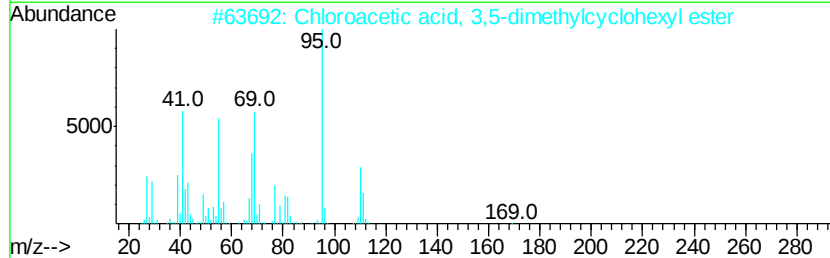
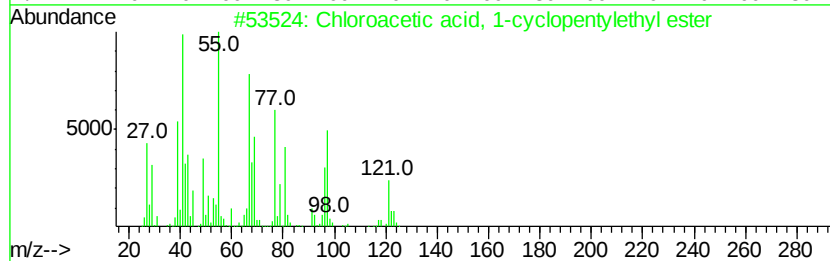
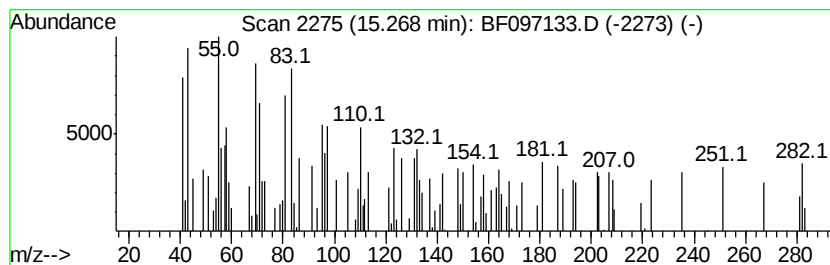
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown15.27 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	2.05 ng	50151	Perylene-d12	14.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Chloroacetic acid, 1-cyclopentyl...	190	C9H15ClO2	1000279-89-0	12
2			Chloroacetic acid, 3,5-dimethylc...	204	C10H17ClO2	1000279-99-7	12
3			Hexadecanenitrile	237	C16H31N	000629-79-8	10
4			Z-8-Methyl-9-tetradecen-1-ol ace...	268	C17H32O2	1000130-82-4	10
5			Oxazolidine, 2-isopropyl-4-[[[2-...	275	C16H21N03	070687-97-7	10



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
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Operator : SJ/JU
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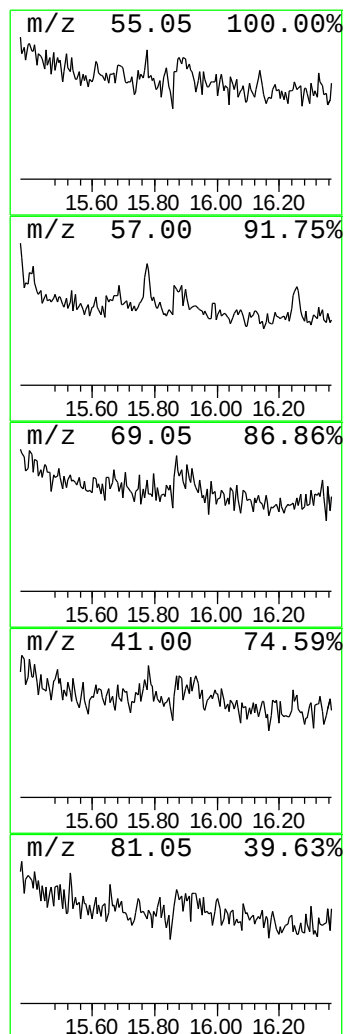
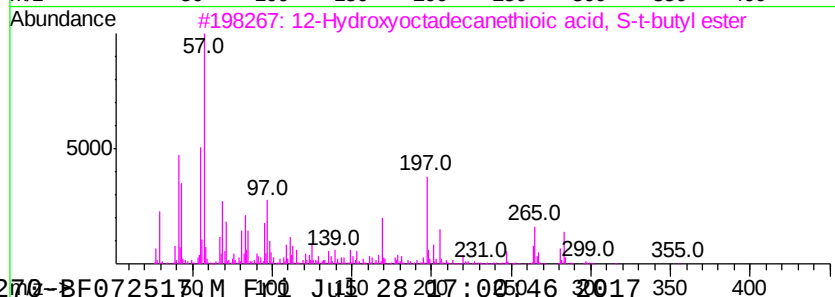
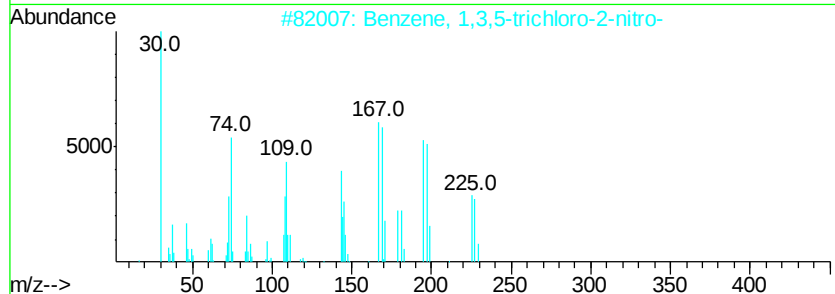
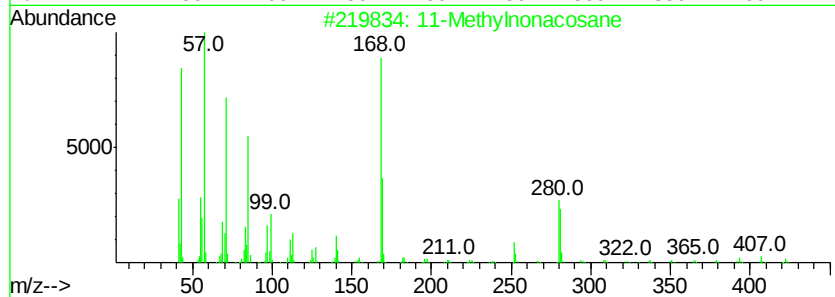
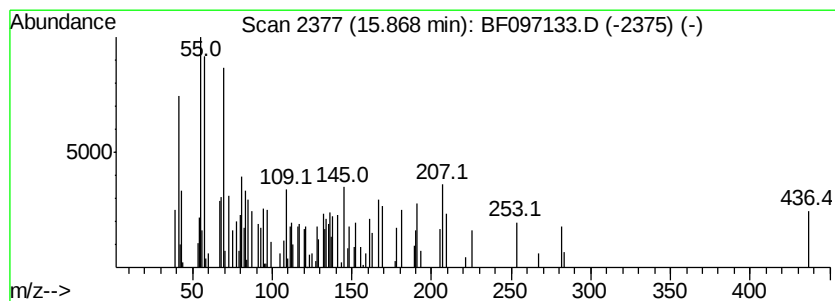
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown15.87 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	2.17 ng	53051	Perylene-d12	14.96

Hit#	of	4	Tentative ID	MW	MolForm	CAS#	Qual
1			11-Methylnonacosane	422	C30H62	007371-99-5	7
2			Benzene, 1,3,5-trichloro-2-nitro-	225	C6H2Cl3NO2	018708-70-8	4
3			12-Hydroxyoctadecanethioic acid,...	372	C22H44O2S	058587-08-9	2
4			di-tert-Butyl malonate	216	C11H20O4	000541-16-2	2



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097133.D
Acq On : 27 Jul 2017 20:13
Operator : SJ/JU
Sample : I4442-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-225

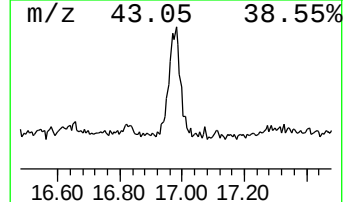
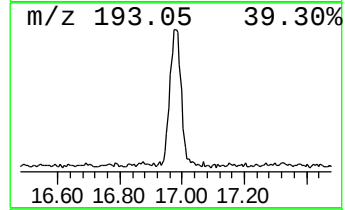
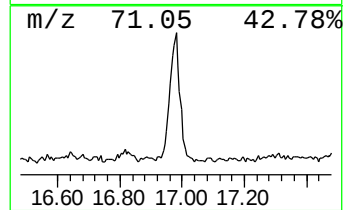
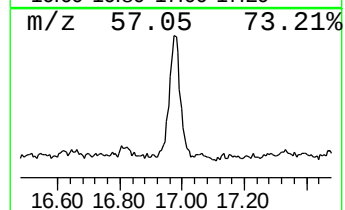
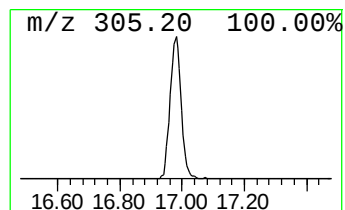
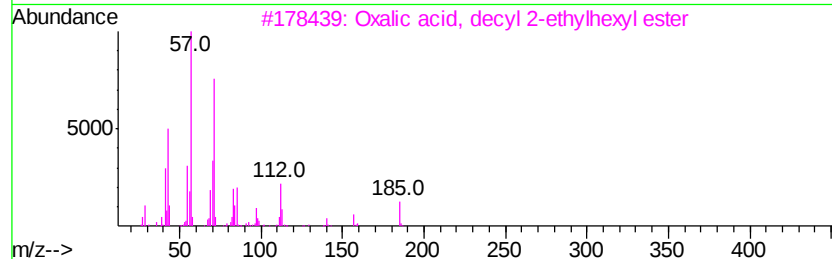
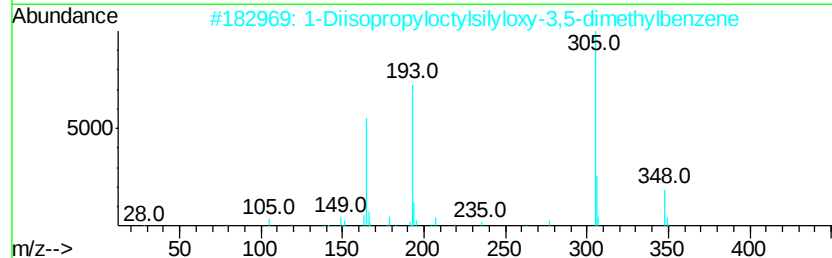
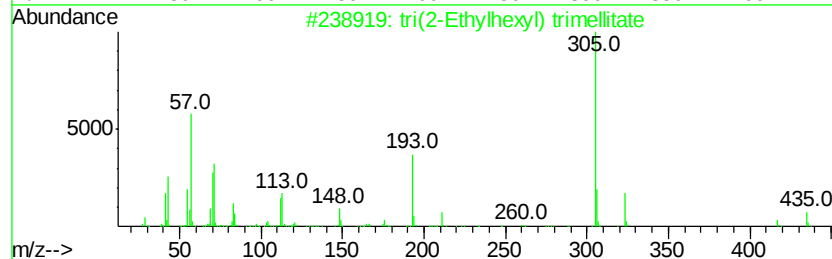
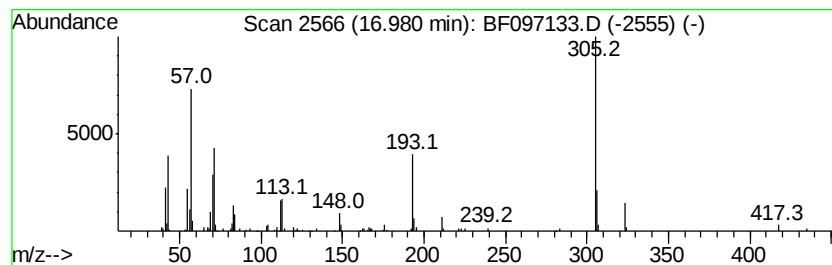
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 tri(2-Ethylhexyl) trimellitate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	17.31 ng	422829	Perylene-d12	14.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	tri(2-Ethylhexyl) trimellitate	546	C33H54O6	003319-31-1	90
2		1-Diisopropyloctylsilyloxy-3,5-d...	348	C22H40OSi	1000307-85-1	64
3		Oxalic acid, decyl 2-ethylhexyl ...	342	C20H38O4	1000309-39-3	10
4		Heptane, 5-ethyl-2,2,3-trimethyl-	170	C12H26	062199-06-8	10
5		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072717\
Data File : BF097133.D
Acq On : 27 Jul 2017 20:13
Operator : SJ/JU
Sample : I4442-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-225

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.63	11.1 ng		307222	1	6.49	555762	20.0
unknown6.26	6.26	73.4 ng		2040010	1	6.49	555762	20.0
Dodecane, 2,7,10-...	8.22	3.3 ng		117968	2	7.77	715841	20.0
Naphthalene, 1,2,...	8.60	3.0 ng		107376	2	7.77	715841	20.0
Decahydro-4,4,8,9...	8.93	4.6 ng		344092	3	9.52	1502210	20.0
unknown9.16	9.16	3.7 ng		279396	3	9.52	1502210	20.0
unknown9.43	9.43	7.8 ng		587828	3	9.52	1502210	20.0
Oxalic acid, ally...	9.80	4.4 ng		330932	3	9.52	1502210	20.0
1-Trimethylsilylp...	9.93	9.0 ng		676774	3	9.52	1502210	20.0
Pentadecane, 2,6,...	10.48	20.0 ng		1854910	4	11.01	1854910	20.0
unknown15.27	15.27	2.0 ng		50151	6	14.96	488423	20.0
unknown15.87	15.87	2.2 ng		53051	6	14.96	488423	20.0
tri(2-Ethylhexyl)...	16.98	17.3 ng		422829	6	14.96	488423	20.0