

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
 Data File : BF082859.D
 Acq On : 10 Nov 2015 7:39
 Operator : UM/IZ
 Sample : G4275-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-6C

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-BF110715.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	2.144	3	5	21	rVB	158052	357793	4.01%	0.428%
2	5.024	253	257	266	rVB	2465821	4399705	49.37%	5.265%
3	5.447	291	294	296	rBV	6793787	7650945	85.85%	9.155%
4	6.476	380	384	386	rBV	6885490	8912285	100.00%	10.665%
5	6.602	392	395	397	rBV	7136239	7680737	86.18%	9.191%
6	6.830	412	415	417	rBV	1904135	1730606	19.42%	2.071%
7	6.990	426	429	431	rVB	6056802	6241463	70.03%	7.469%
8	7.390	461	464	467	rBV	3786097	5221353	58.59%	6.248%
9	8.110	525	527	530	rBV	1974153	2061543	23.13%	2.467%
10	9.196	619	622	624	rVB	8058673	8122156	91.13%	9.719%
11	9.585	654	656	658	rBV	1669678	1420745	15.94%	1.700%
12	9.871	678	681	683	rBV	2515395	2492045	27.96%	2.982%
13	10.659	746	750	752	rBV	4982567	5592121	62.75%	6.692%
14	10.785	759	761	765	rVB	115097	144059	1.62%	0.172%
15	11.231	798	800	802	rBV2	106041	90723	1.02%	0.109%
16	11.345	808	810	814	rVV	2311230	2387523	26.79%	2.857%
17	11.425	814	817	818	rVB2	62363	101794	1.14%	0.122%
18	11.894	855	858	862	rVV3	253506	449006	5.04%	0.537%
19	11.962	862	864	868	rVV2	85602	191298	2.15%	0.229%
20	12.054	870	872	874	rVV	249914	373959	4.20%	0.447%
21	12.099	874	876	878	rVB2	184070	196072	2.20%	0.235%
22	12.214	883	886	888	rVV	318952	331148	3.72%	0.396%
23	12.294	892	893	895	rVB	74473	89831	1.01%	0.107%
24	12.374	898	900	903	rVV4	60457	124779	1.40%	0.149%
25	12.454	903	907	908	rVB3	86473	149574	1.68%	0.179%
26	12.557	914	916	918	rBV	393342	348876	3.91%	0.417%
27	12.602	918	920	923	rVV	358752	377391	4.23%	0.452%
28	12.659	923	925	928	rVV2	227236	273486	3.07%	0.327%
29	12.785	933	936	938	rBV	342439	428751	4.81%	0.513%
30	12.899	945	946	947	rBV	107612	144104	1.62%	0.172%
31	12.945	947	950	952	rVB	5325499	7014326	78.70%	8.393%
32	13.071	959	961	964	rBV	2074244	2322556	26.06%	2.779%
33	13.185	968	971	972	rBV	114230	135573	1.52%	0.162%
34	13.219	972	974	975	rBV	78204	92333	1.04%	0.110%

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35	13.825	1025	1027	1028	rBV	118124	141490	1.59%	0.169%
36	13.848	1028	1029	1033	rVB	340006	414594	4.65%	0.496%
37	13.985	1038	1041	1043	rBV	2401923	2456435	27.56%	2.939%
38	14.488	1082	1085	1092	rVB	138095	265330	2.98%	0.317%
39	15.014	1128	1131	1137	rVB	96836	179498	2.01%	0.215%
40	15.357	1159	1161	1164	rBV	94362	124143	1.39%	0.149%
41	15.425	1164	1167	1174	rVB	1335416	1770670	19.87%	2.119%
42	17.220	1319	1324	1332	rBV2	191651	405238	4.55%	0.485%
43	17.380	1334	1338	1345	rBV7	42353	161227	1.81%	0.193%

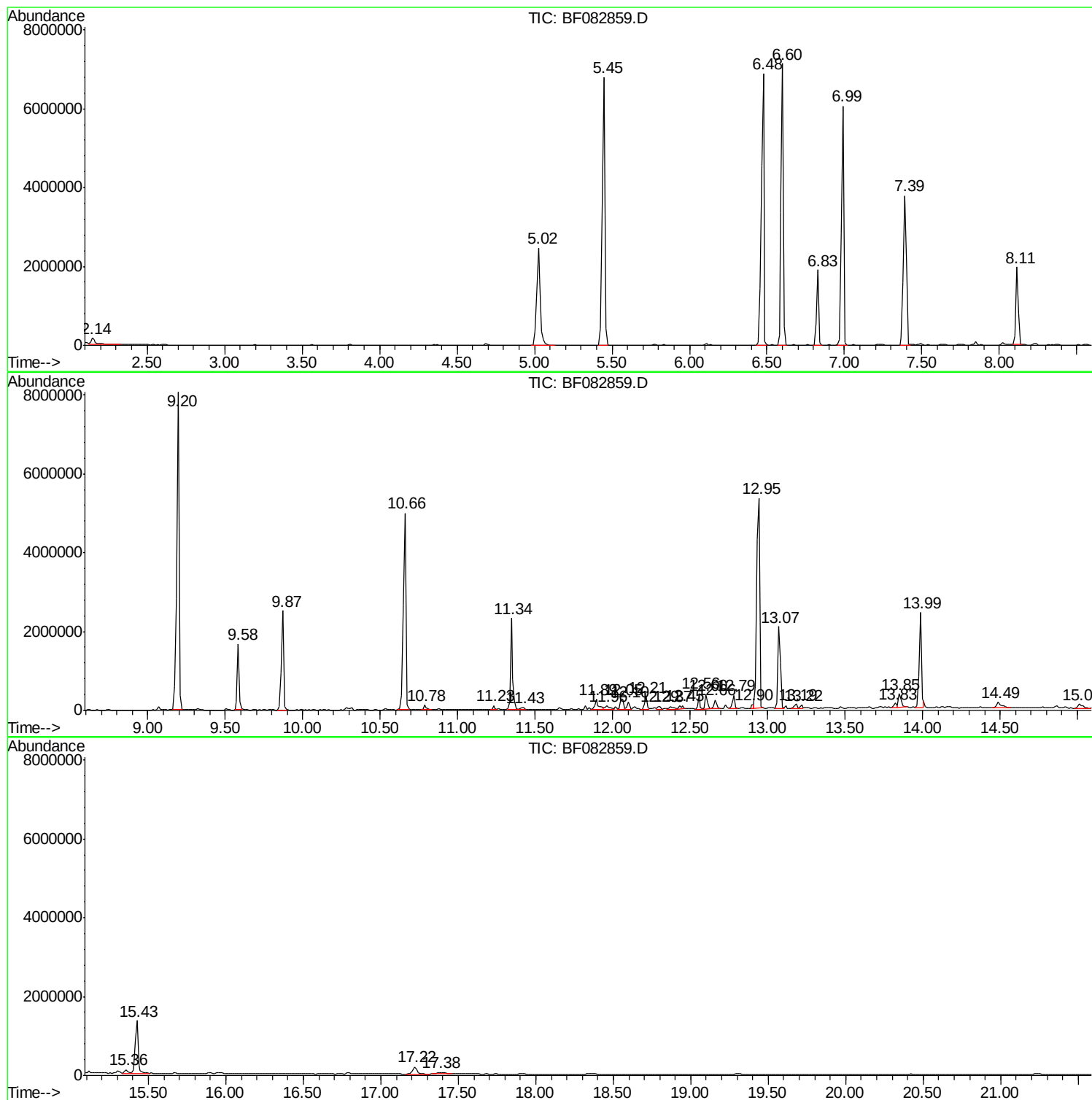
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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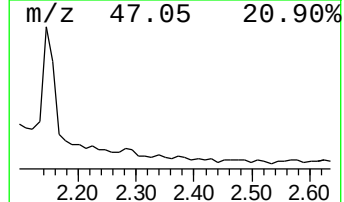
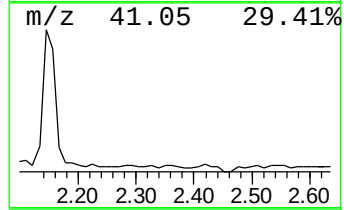
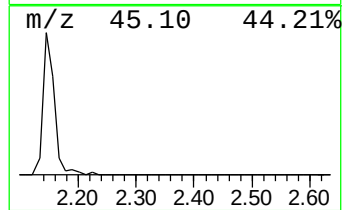
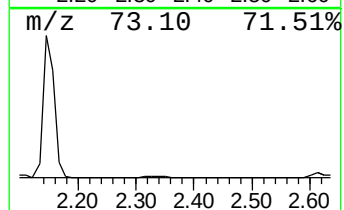
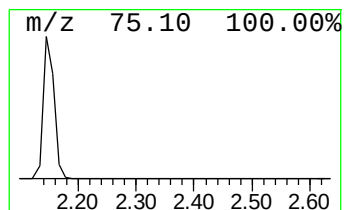
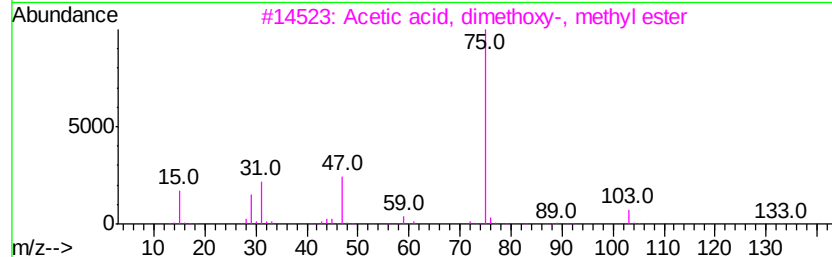
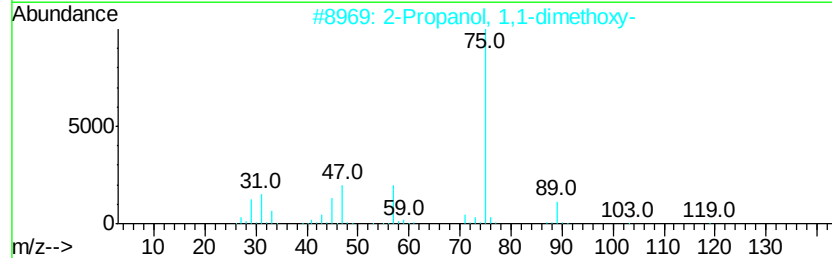
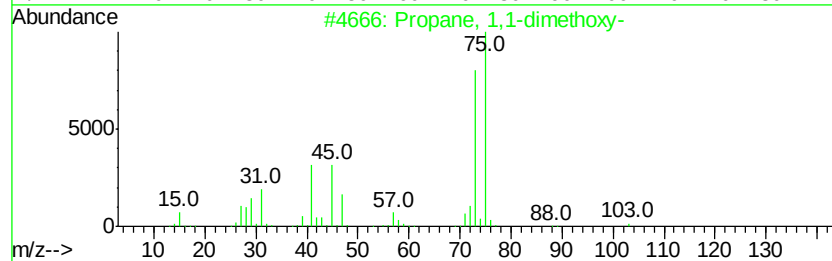
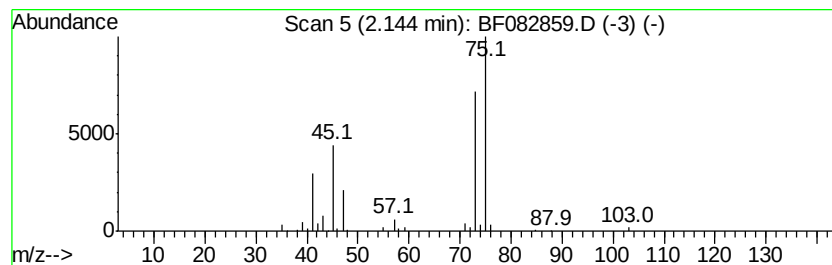
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	4.13 ng	357793	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	74
2			2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	40
3			Acetic acid, dimethoxy-, methyl ...	134	C5H10O4	000089-91-8	33
4			Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	33
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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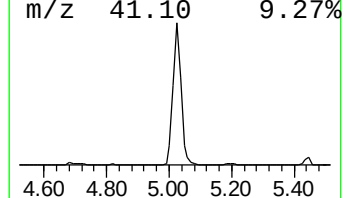
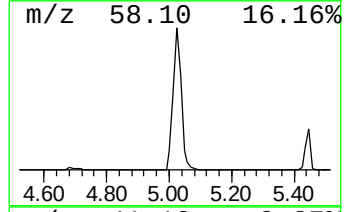
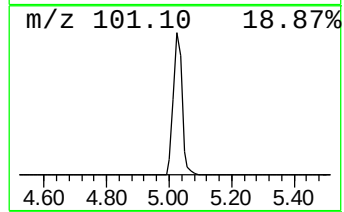
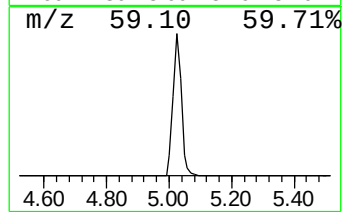
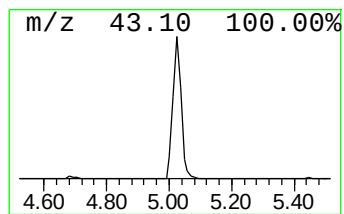
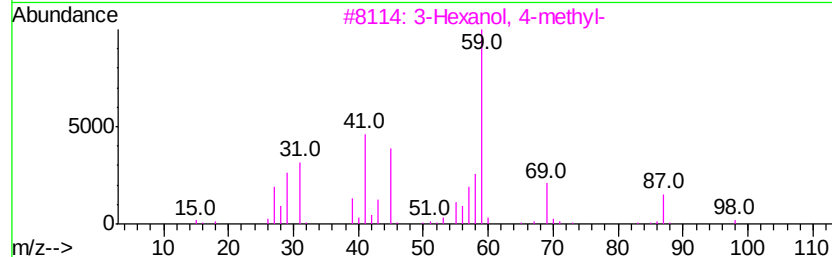
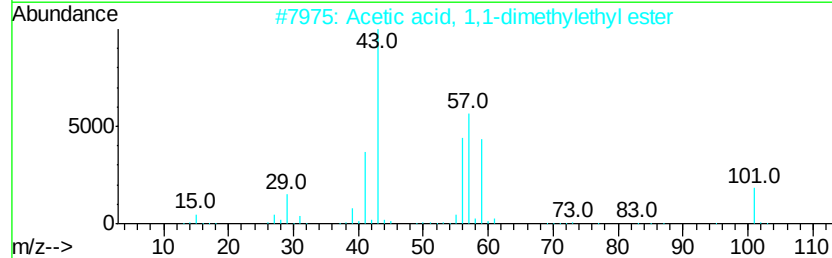
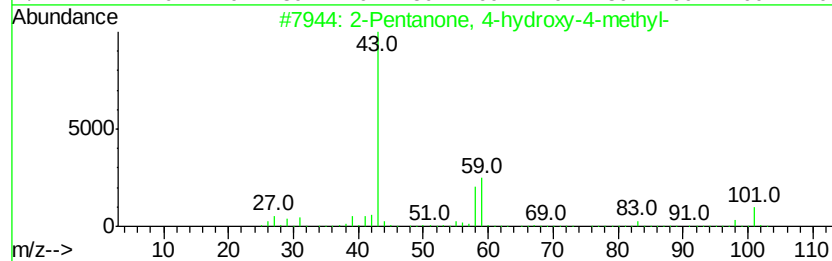
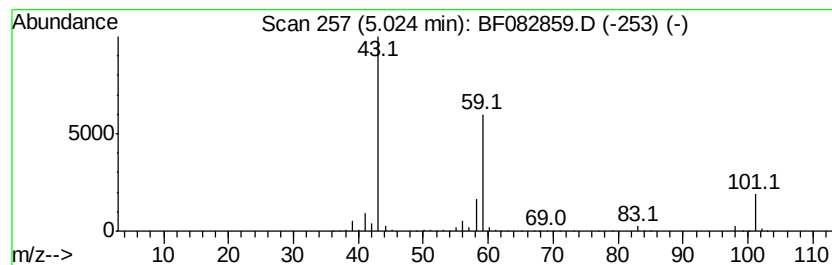
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
5.02	50.85 ng	4399710	1,4-Dichlorobenzene-d4	6.83		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59	
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39	
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33	
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33	
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32	



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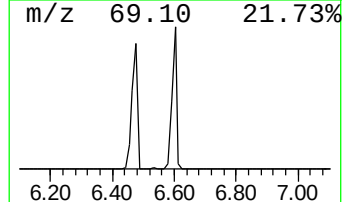
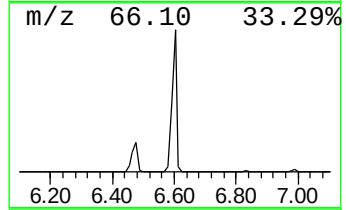
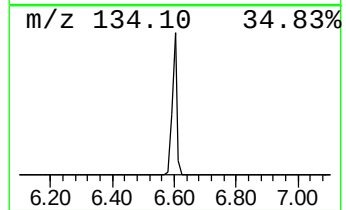
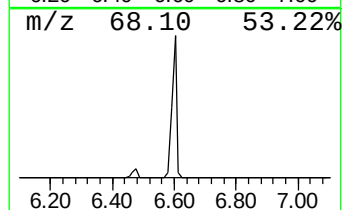
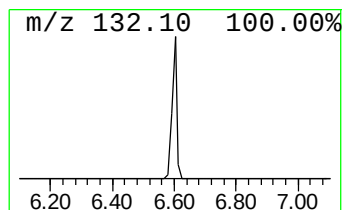
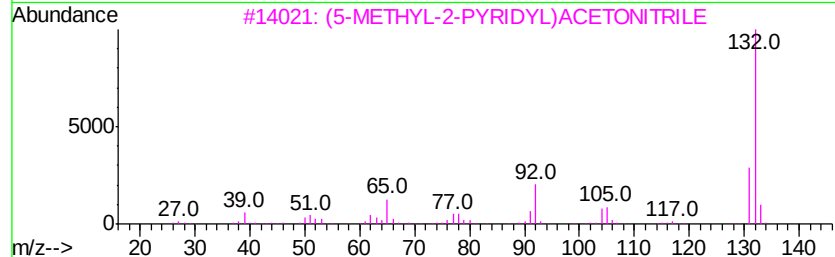
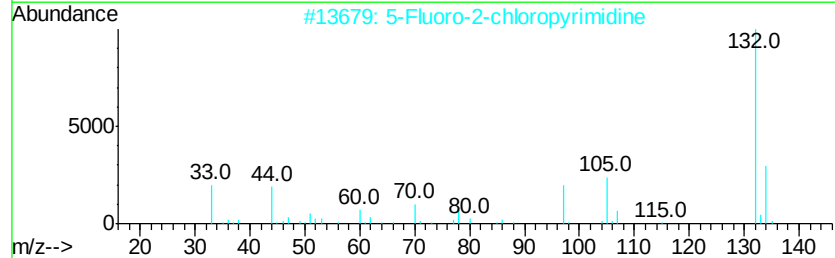
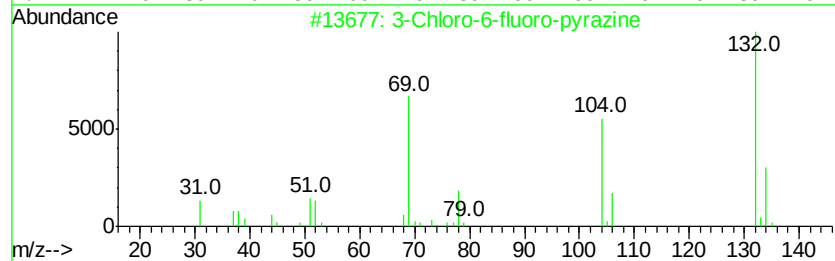
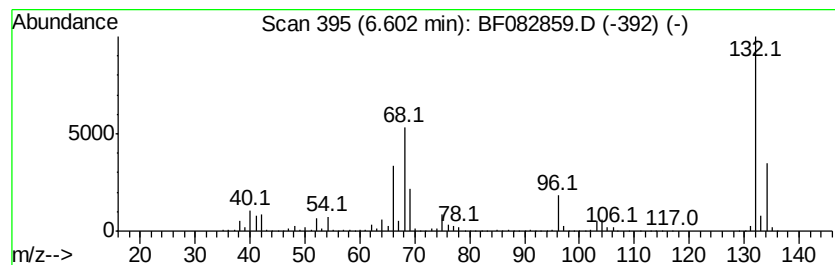
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	88.76 ng	7680740	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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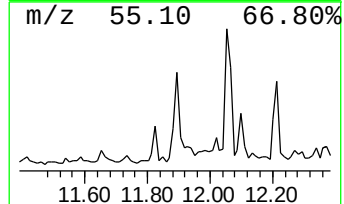
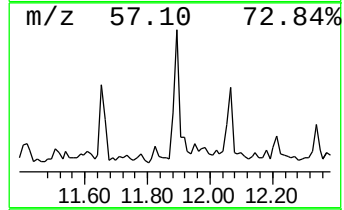
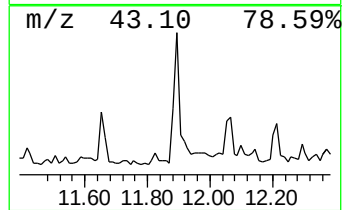
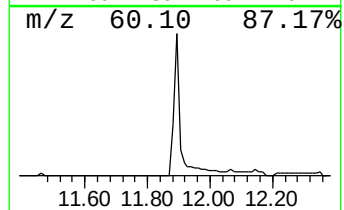
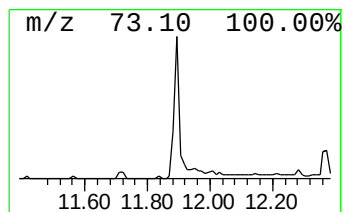
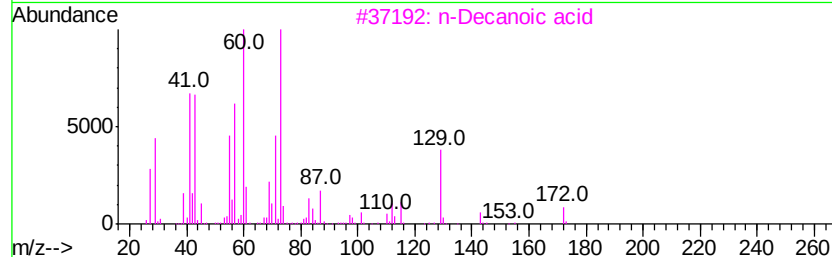
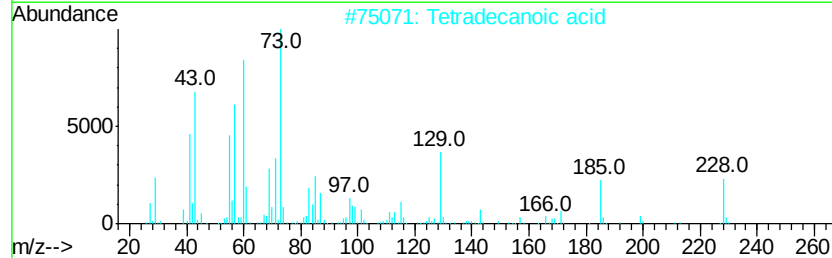
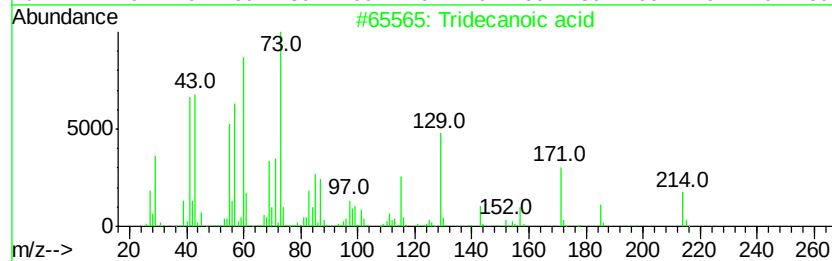
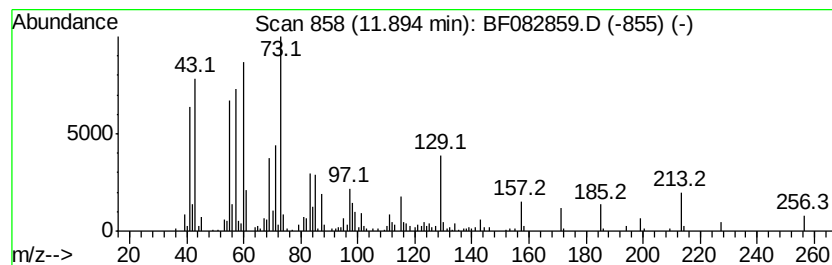
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Tridecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.76 ng	449006	Phenanthrene-d10	11.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	93
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3		n-Decanoic acid	172	C10H20O2	000334-48-5	70
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
5		2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	18



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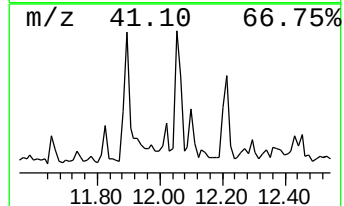
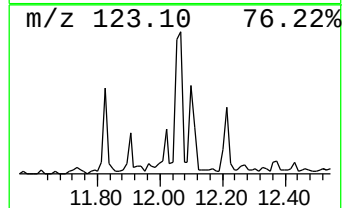
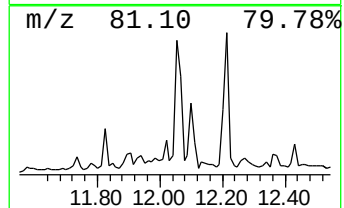
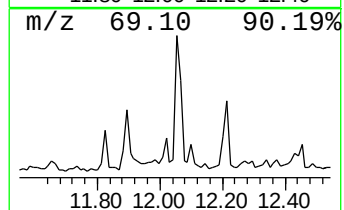
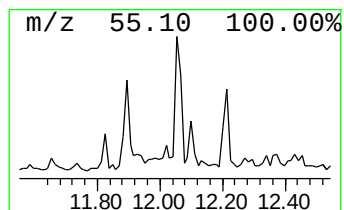
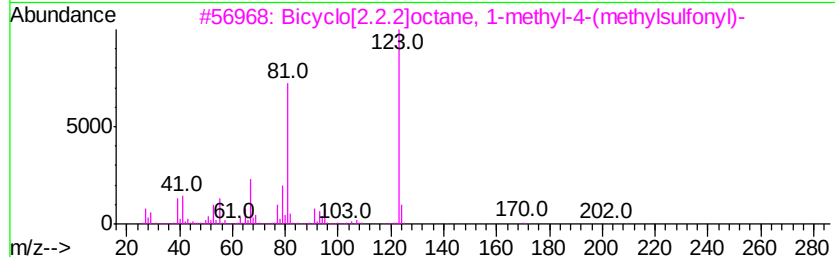
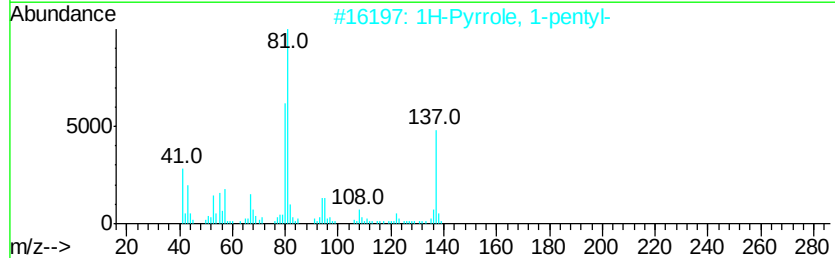
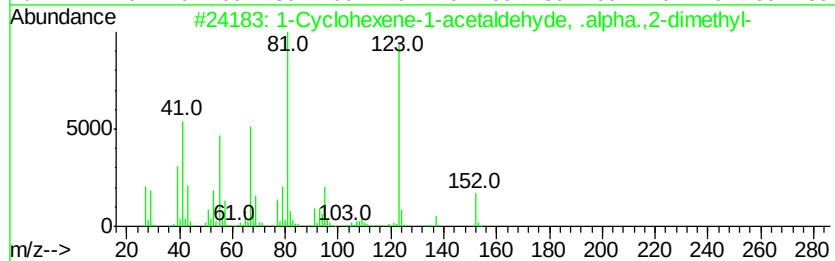
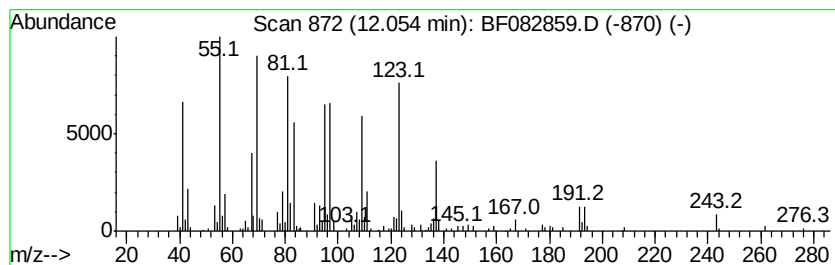
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown12.05 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	3.13 ng	373959	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Cyclohexene-1-acetaldehyde, .a...	152	C10H16O	053155-80-9	35
2		1H-Pyrrole, 1-pentyl-	137	C9H15N	000699-22-9	25
3		Bicyclo[2.2.2]octane, 1-methyl-4...	202	C10H18O2S	069855-48-7	22
4		Cyclodecene, 3-bromo-	216	C10H17Br	056325-56-5	22
5		di-t-Butylacetylene	138	C10H18	017530-24-4	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
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Acq On : 10 Nov 2015 7:39
Operator : UM/IZ
Sample : G4275-07
Misc :
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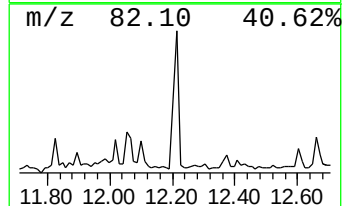
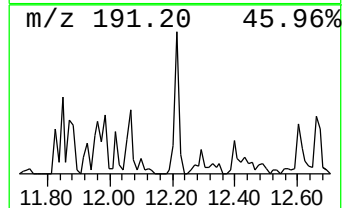
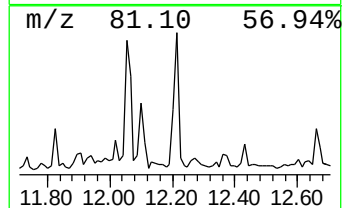
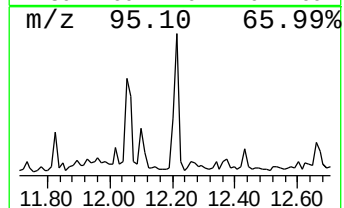
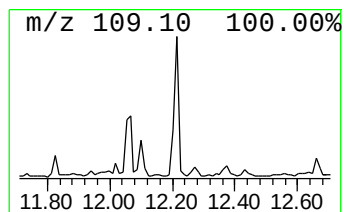
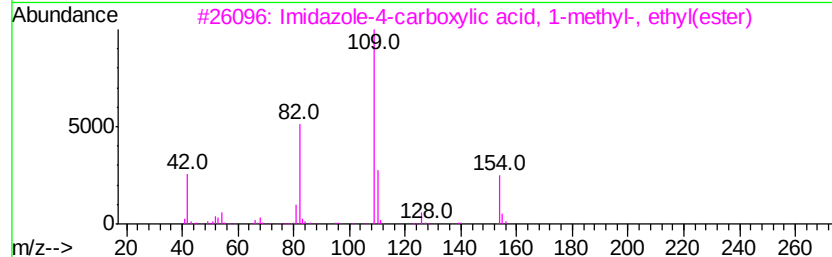
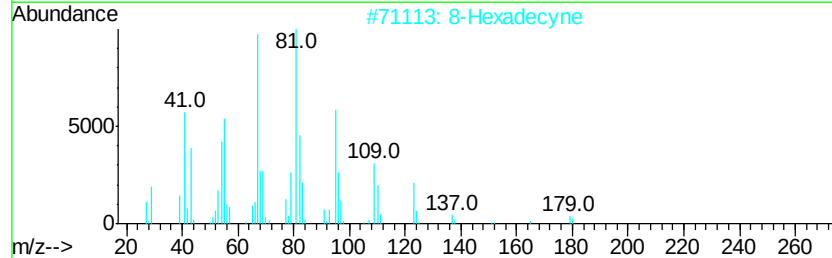
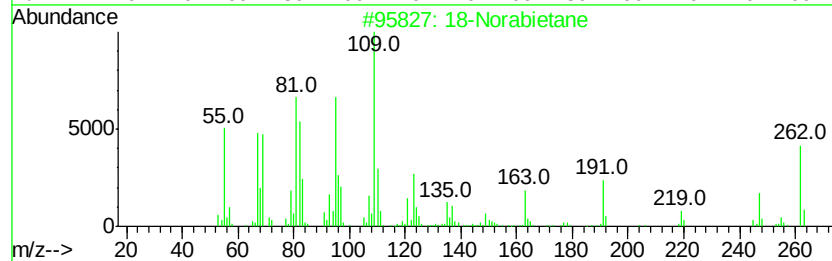
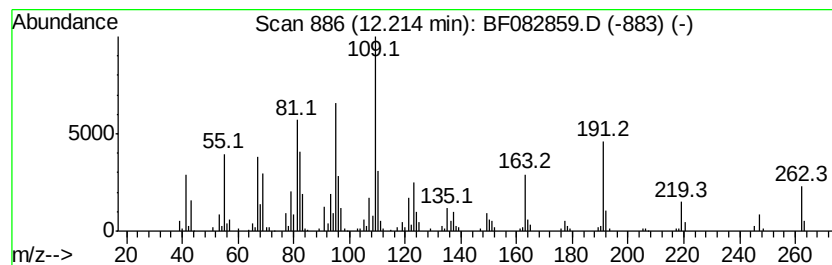
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 18-Norabietane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.77 ng	331148	Phenanthrene-d10	11.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	18-Norabietane	262 C19H34	1000293-16-6	91
2	8-Hexadecyne	222 C16H30	019781-86-3	35
3	Imidazole-4-carboxylic acid, 1-m...	154 C7H10N2O2	041507-56-6	35
4	1,2-Benzooxazine,2-cyclohexyl-4-...	262 C16H26N2O	037898-39-8	30
5	Dodeca-1,6-dien-12-ol, 6,10-dime...	210 C14H26O	1000156-13-8	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
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Acq On : 10 Nov 2015 7:39
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Sample : G4275-07
Misc :
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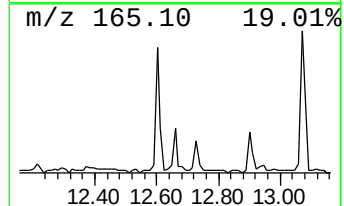
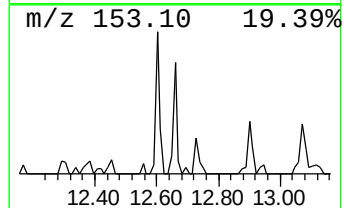
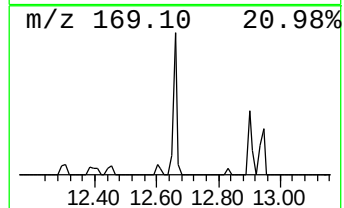
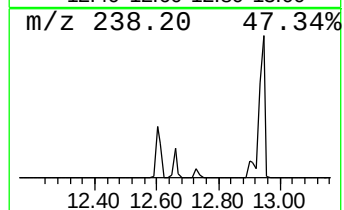
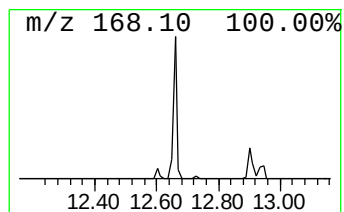
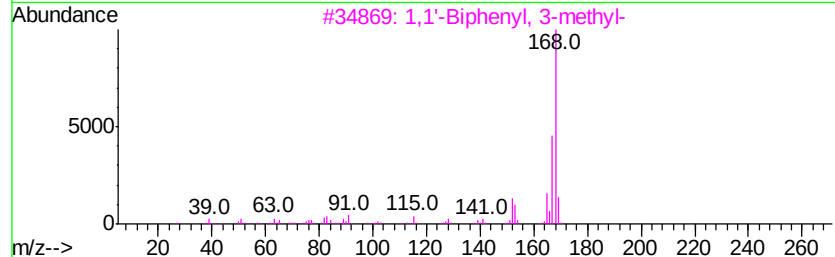
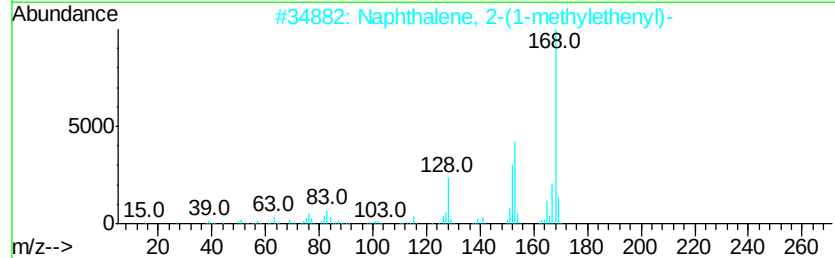
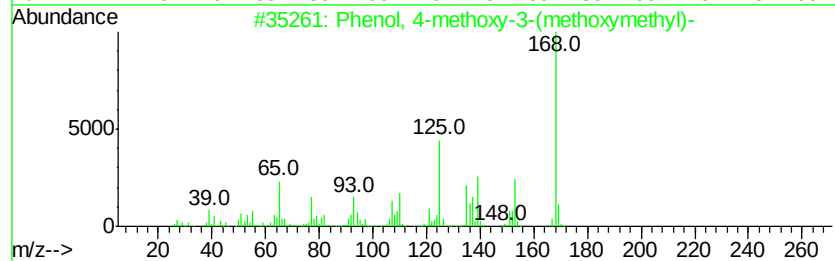
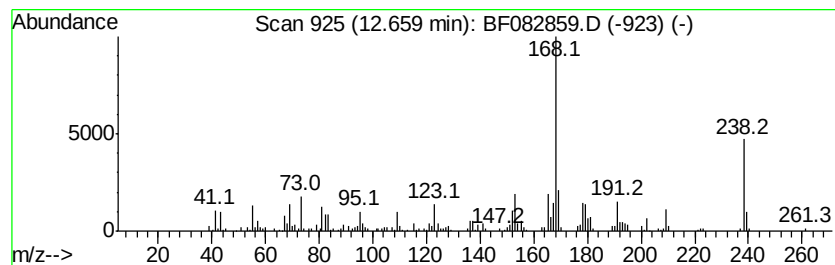
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown12.66 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.66	2.29 ng	273486	Phenanthrene-d10	11.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 4-methoxy-3-(methoxymeth...	168	C9H12O3	059907-65-2	43
2		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	43
3		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	41
4		Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	38
5		4-Methoxy-2-methyl-1-(methylthio...	168	C9H12OS	022583-04-6	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082859.D
Acq On : 10 Nov 2015 7:39
Operator : UM/IZ
Sample : G4275-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

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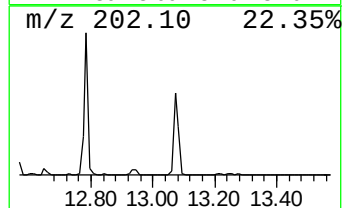
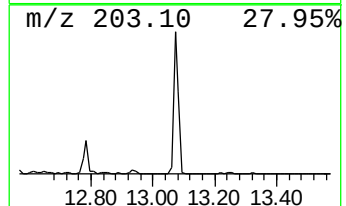
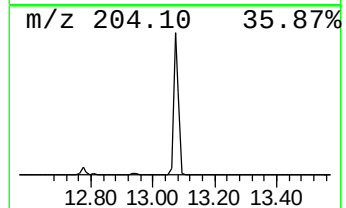
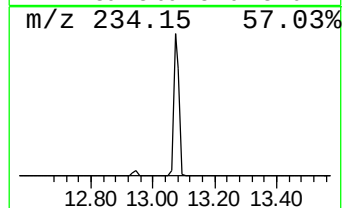
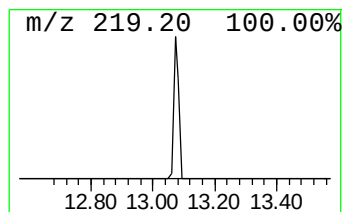
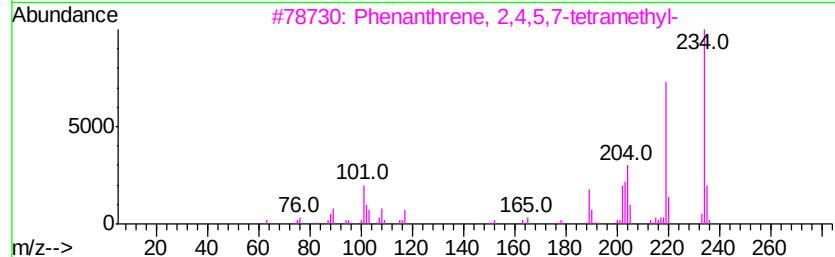
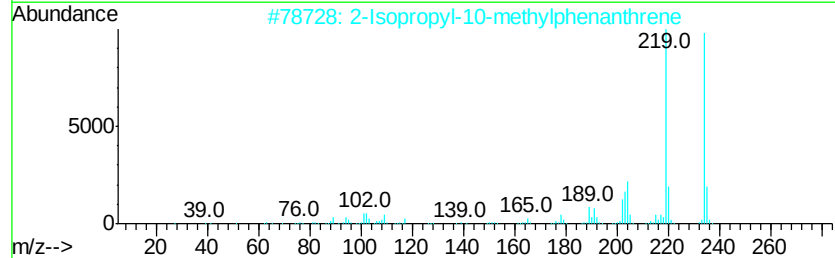
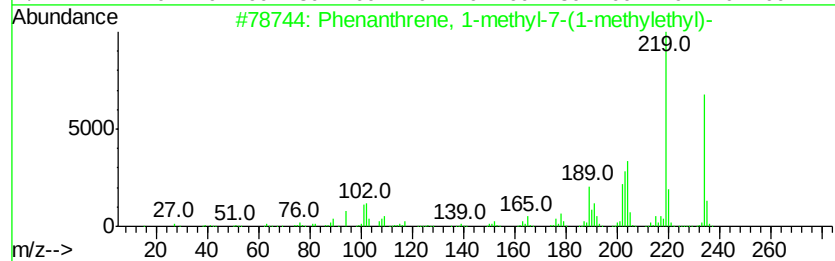
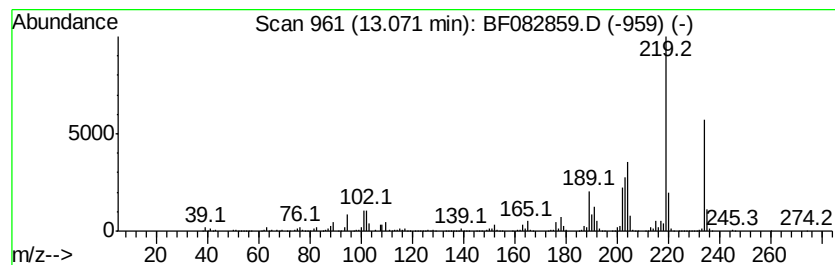
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl-7-(1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	18.91 ng	2322560	Chrysene-d12	13.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	99
2		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3		Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	86
4		2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	64
5		Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082859.D
Acq On : 10 Nov 2015 7:39
Operator : UM/IZ
Sample : G4275-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

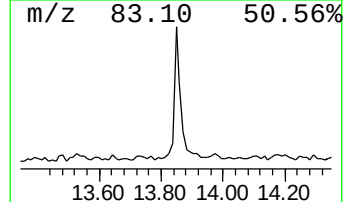
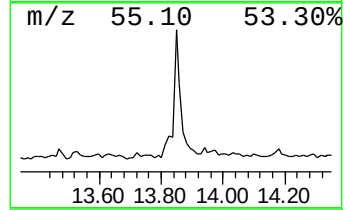
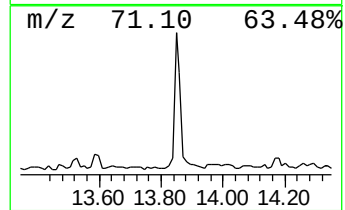
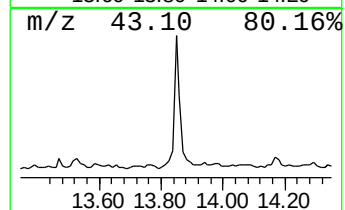
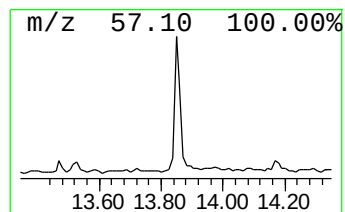
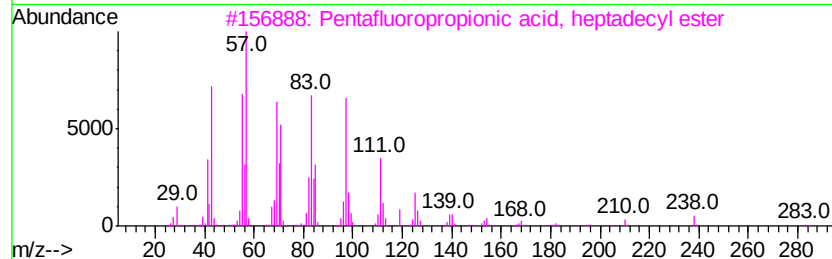
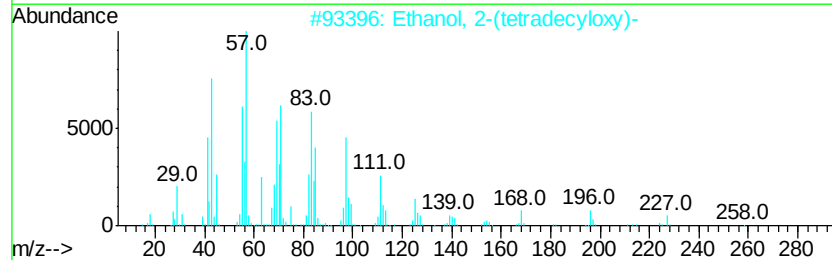
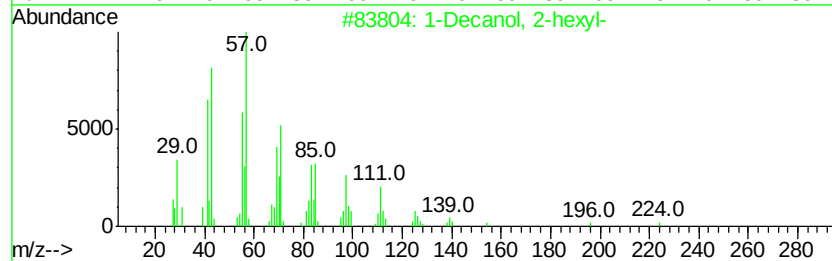
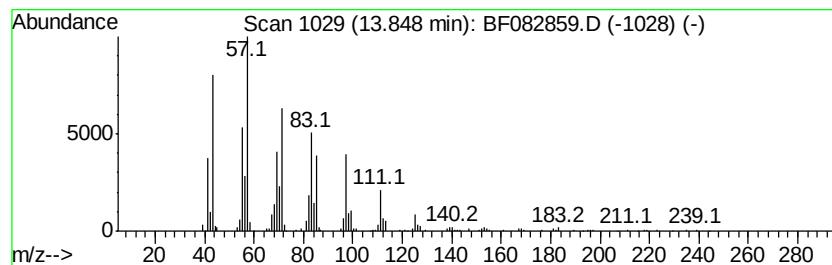
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Decanol, 2-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.85	3.38 ng	414594	Chrysene-d12	13.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	83
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	83
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	68
4		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	64
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
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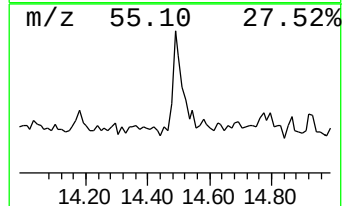
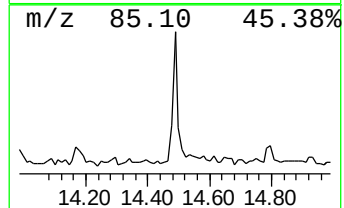
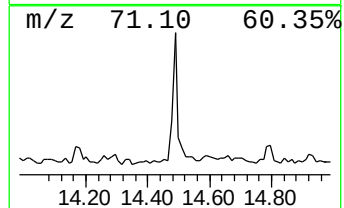
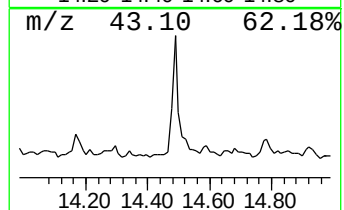
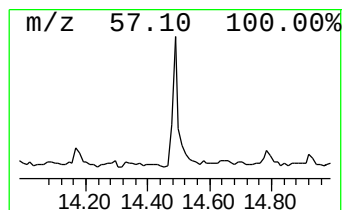
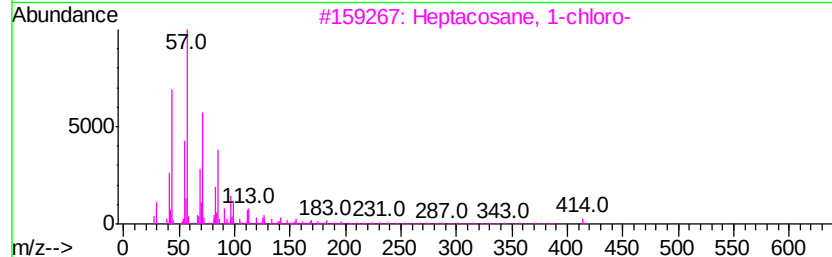
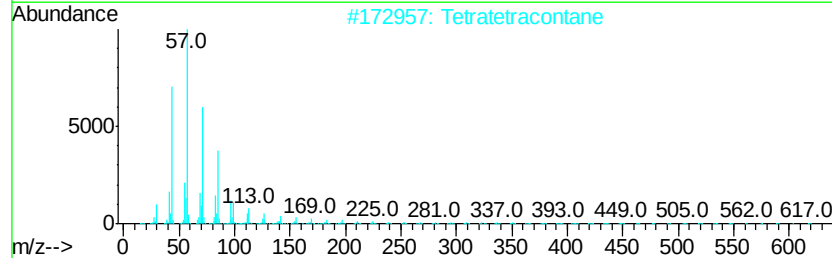
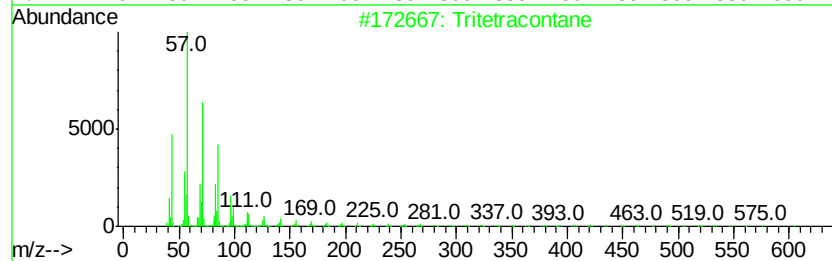
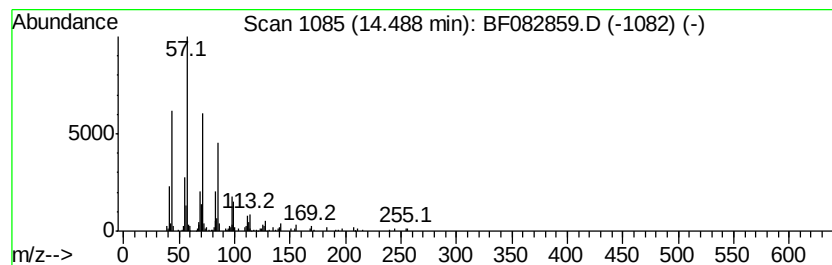
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tritetracontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.49	2.16 ng	265330	Chrysene-d12		13.99
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86
4	Octacosane	394	C28H58	000630-02-4	81
5	Heptadecane	240	C17H36	000629-78-7	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
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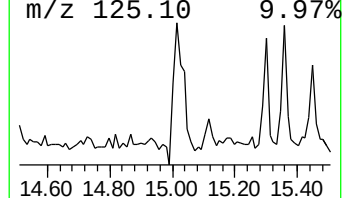
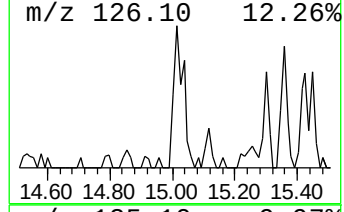
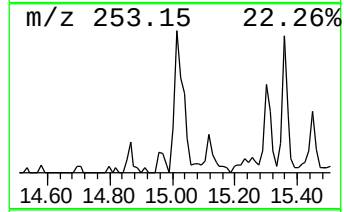
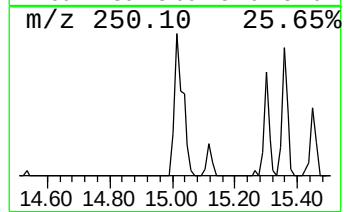
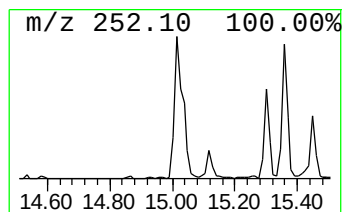
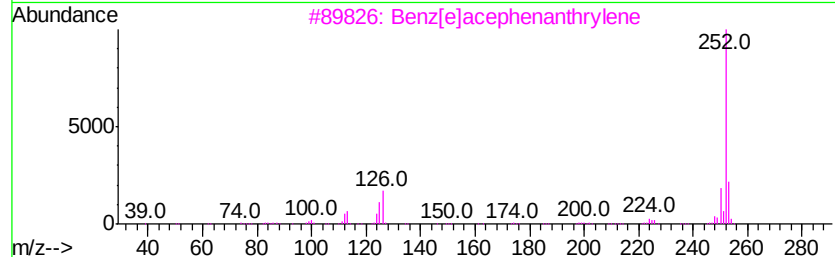
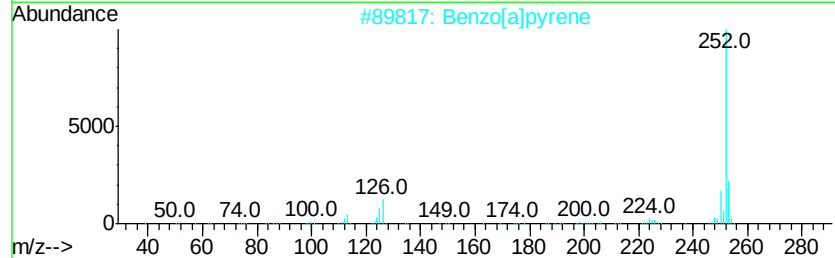
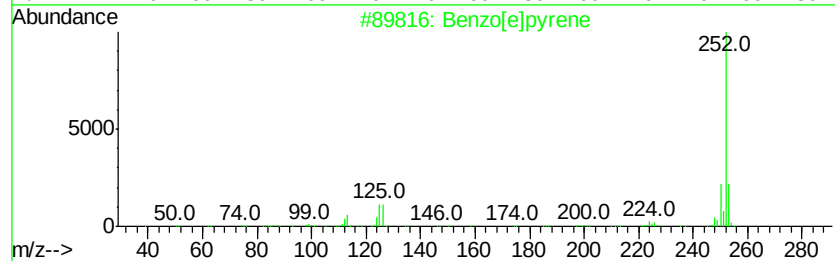
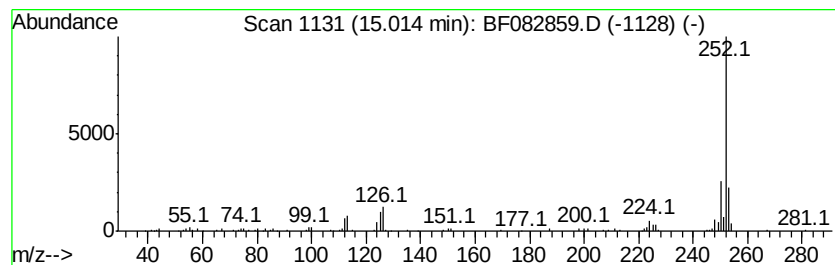
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.01	2.03 ng	179498	Perylene-d12		15.43
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082859.D
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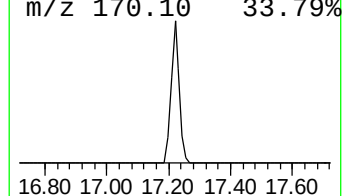
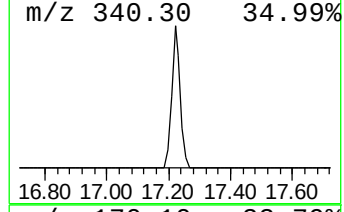
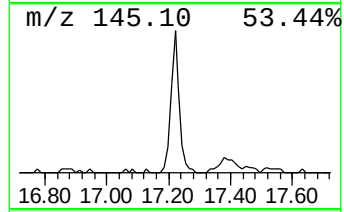
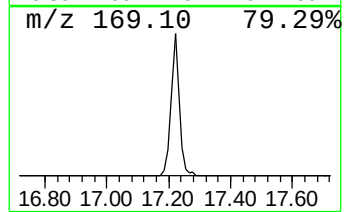
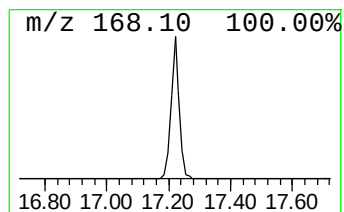
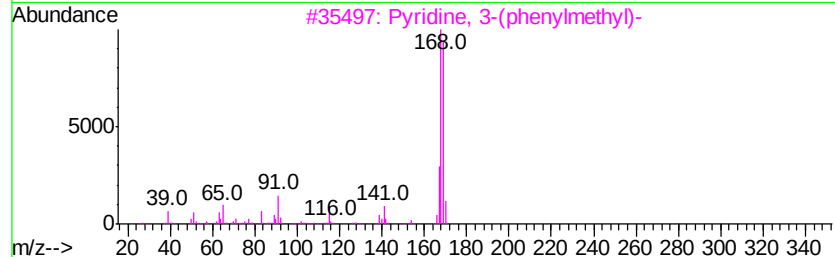
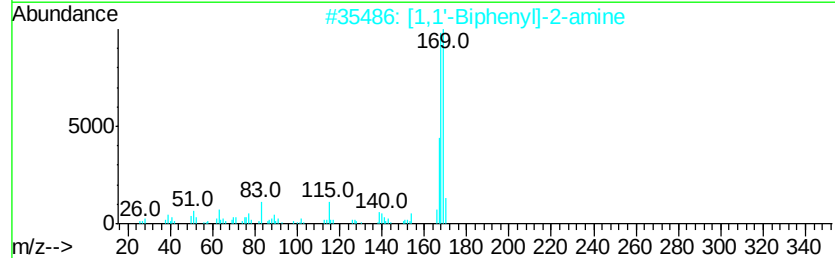
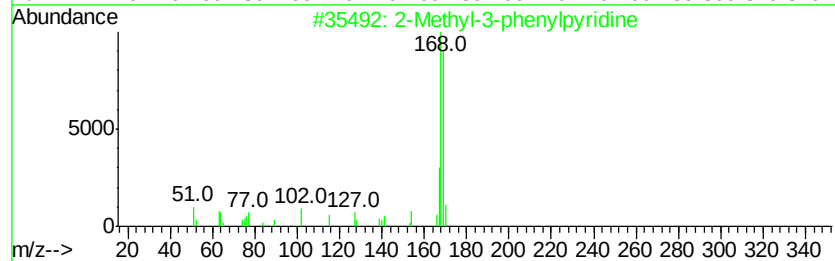
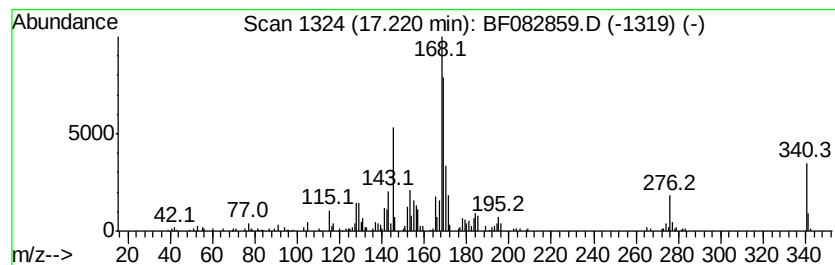
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown17.22 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	4.58 ng	405238	Perylene-d12	15.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyl-3-phenylpyridine	169	C12H11N	003256-89-1	43
2		[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	43
3		Pyridine, 3-(phenylmethyl)-	169	C12H11N	000620-95-1	43
4		Benzeneacetamide, N,N-diphenyl-	287	C20H17NO	033675-70-6	38
5		2-p-Tolylpyridine	169	C12H11N	004467-06-5	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
Data File : BF082859.D
Acq On : 10 Nov 2015 7:39
Operator : UM/IZ
Sample : G4275-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-6C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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
Propane, 1,1-dime...	2.14	4.1 ng		357793	1	6.83	1730610	20.0
2-Pentanone, 4-hy...	5.02	50.9 ng		4399710	1	6.83	1730610	20.0
unknown6.60	6.60	88.8 ng		7680740	1	6.83	1730610	20.0
Tridecanoic acid	11.89	3.8 ng		449006	4	11.35	2387520	20.0
unknown12.05	12.05	3.1 ng		373959	4	11.35	2387520	20.0
18-Norabietane	12.21	2.8 ng		331148	4	11.35	2387520	20.0
unknown12.66	12.66	2.3 ng		273486	4	11.35	2387520	20.0
Phenanthrene, 1-m...	13.07	18.9 ng		2322560	5	13.99	2456440	20.0
1-Decanol, 2-hexyl-	13.85	3.4 ng		414594	5	13.99	2456440	20.0
Tritetracontane	14.49	2.2 ng		265330	5	13.99	2456440	20.0
Benzo[e]pyrene	15.01	2.0 ng		179498	6	15.43	1770670	20.0
unknown17.22	17.22	4.6 ng		405238	6	15.43	1770670	20.0