

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079499.D
 Acq On : 27 May 2015 3:21
 Operator : TP/IZ
 Sample : G2319-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GAS-LINE-WASTE-COMP

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-BF052615.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	1.278	5	8	19	rVB	102510	247379	7.38%	0.966%
2	1.427	19	21	27	rVV	132125	182107	5.43%	0.711%
3	1.518	27	29	34	rVB4	19045	38429	1.15%	0.150%
4	1.587	34	35	43	rVV	96533	188733	5.63%	0.737%
5	1.701	43	45	72	rVB	1623027	3352759	100.00%	13.096%
6	4.741	309	311	321	rVB	52418	86884	2.59%	0.339%
7	5.301	358	360	369	rBV	639520	787307	23.48%	3.075%
8	6.616	473	475	483	rBV	791921	860334	25.66%	3.361%
9	6.730	483	485	488	rBV	630383	868339	25.90%	3.392%
10	7.016	508	510	513	rBV	404139	401043	11.96%	1.566%
11	7.199	524	526	529	rVB	586633	665556	19.85%	2.600%
12	7.713	569	571	574	rBV	497854	505308	15.07%	1.974%
13	8.593	646	648	651	rBV	604033	564059	16.82%	2.203%
14	9.942	764	766	769	rVB	1172594	1019374	30.40%	3.982%
15	10.342	799	801	808	rVV4	42281	86339	2.58%	0.337%
16	10.456	808	811	818	rVV	92082	126880	3.78%	0.496%
17	10.593	820	823	825	rVB2	28149	41306	1.23%	0.161%
18	10.731	831	835	836	rBV2	23351	39337	1.17%	0.154%
19	10.765	836	838	840	rVB	643884	625622	18.66%	2.444%
20	11.096	863	867	869	rVV2	20916	42034	1.25%	0.164%
21	11.633	908	914	918	rBV3	23797	64636	1.93%	0.252%
22	11.748	921	924	927	rBV	589494	728856	21.74%	2.847%
23	11.954	940	942	945	rBV2	31157	61529	1.84%	0.240%
24	12.296	968	972	975	rBV4	14488	45721	1.36%	0.179%
25	12.605	996	999	1000	rBV	516057	692397	20.65%	2.705%
26	12.628	1000	1001	1003	rVV	316745	264557	7.89%	1.033%
27	12.696	1003	1007	1009	rVB	82690	97047	2.89%	0.379%
28	12.776	1009	1014	1018	rBV2	29451	52685	1.57%	0.206%
29	13.234	1051	1054	1055	rBV	42856	61432	1.83%	0.240%
30	13.268	1055	1057	1059	rVB	63644	81441	2.43%	0.318%
31	13.359	1059	1065	1067	rBV2	115093	273244	8.15%	1.067%
32	13.462	1072	1074	1077	rBV3	22286	43367	1.29%	0.169%
33	13.542	1079	1081	1083	rVV2	29902	36761	1.10%	0.144%
34	13.599	1085	1086	1088	rVB	31651	39630	1.18%	0.155%

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35	13.794	1100	1103	1105	rBV2	70216	81014	2.42%	0.316%
36	13.897	1109	1112	1114	rBV3	63732	146494	4.37%	0.572%
37	13.954	1114	1117	1119	rVV2	69498	150633	4.49%	0.588%
38	13.999	1119	1121	1125	rVB2	74137	174814	5.21%	0.683%
39	14.102	1128	1130	1132	rBV	524701	514537	15.35%	2.010%
40	14.171	1134	1136	1139	rBV	521477	727188	21.69%	2.840%
41	14.217	1139	1140	1143	rVB	46459	55590	1.66%	0.217%
42	14.285	1143	1146	1147	rBV	42658	50082	1.49%	0.196%
43	14.342	1147	1151	1152	rBV3	24811	55206	1.65%	0.216%
44	14.377	1152	1154	1157	rVB	448914	517505	15.44%	2.021%
45	14.548	1166	1169	1171	rBV	49520	84858	2.53%	0.331%
46	14.594	1171	1173	1175	rVV	1223199	1192982	35.58%	4.660%
47	14.708	1181	1183	1185	rBV2	34466	43409	1.29%	0.170%
48	14.754	1185	1187	1190	rBV	395712	444691	13.26%	1.737%
49	14.799	1190	1191	1197	rVB4	46339	89518	2.67%	0.350%
50	14.925	1200	1202	1204	rBV	91013	141155	4.21%	0.551%
51	15.040	1210	1212	1213	rBV	47119	48208	1.44%	0.188%
52	15.085	1213	1216	1219	rBV	2070433	2414031	72.00%	9.429%
53	15.234	1226	1229	1231	rVB2	100023	149855	4.47%	0.585%
54	15.428	1243	1246	1248	rBV2	55899	123319	3.68%	0.482%
55	15.508	1251	1253	1254	rBV	48436	75579	2.25%	0.295%
56	15.565	1256	1258	1260	rVV2	49882	77654	2.32%	0.303%
57	15.600	1260	1261	1262	rVV	57458	54973	1.64%	0.215%
58	15.634	1262	1264	1268	rVB5	79572	177518	5.29%	0.693%
59	15.702	1268	1270	1271	rBV	41823	56718	1.69%	0.222%
60	15.771	1273	1276	1280	rBV3	134397	243603	7.27%	0.952%
61	15.874	1282	1285	1293	rVV2	920511	1729274	51.58%	6.755%
62	16.217	1313	1315	1318	rBV2	121863	195445	5.83%	0.763%
63	16.331	1323	1325	1326	rBV2	58322	77572	2.31%	0.303%
64	17.143	1394	1396	1401	rBV	182610	462436	13.79%	1.806%
65	17.451	1421	1423	1425	rBV	146583	190538	5.68%	0.744%
66	17.520	1426	1429	1432	rVV	164896	280616	8.37%	1.096%
67	17.577	1432	1434	1438	rVV	628075	803058	23.95%	3.137%
68	18.537	1515	1518	1521	rBV	452487	698840	20.84%	2.730%

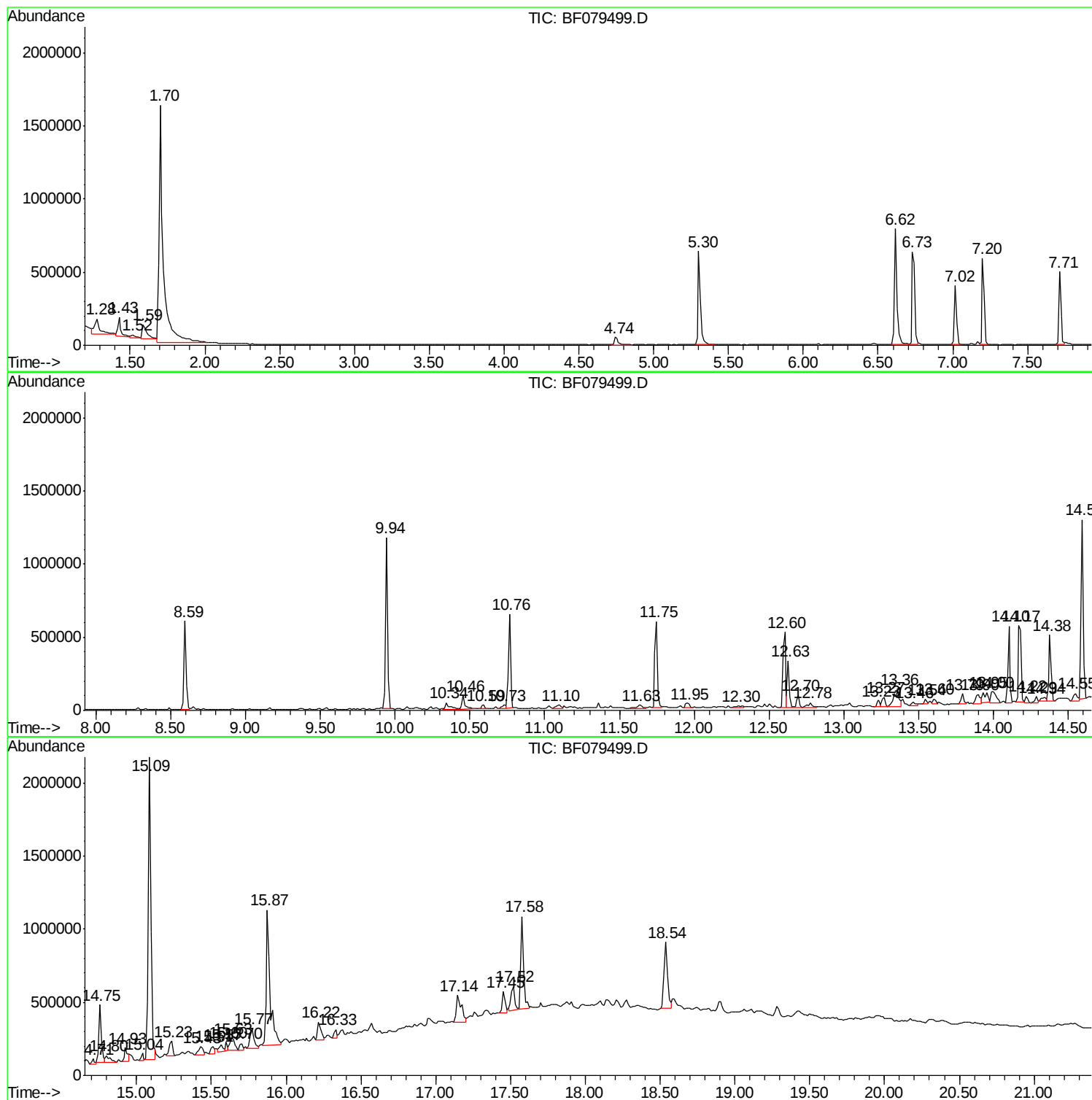
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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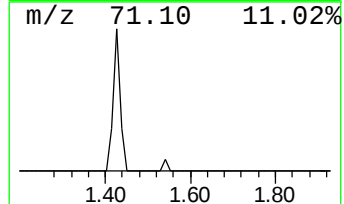
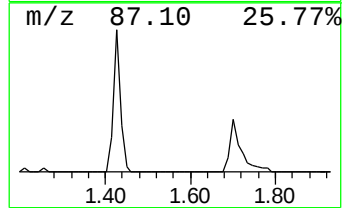
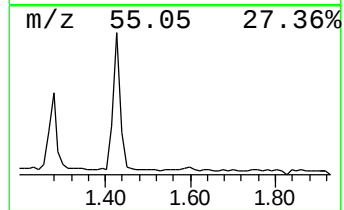
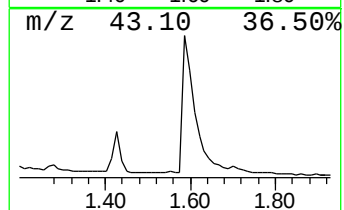
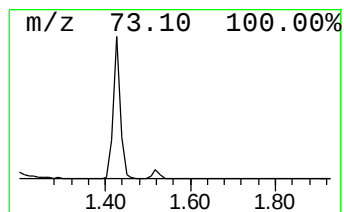
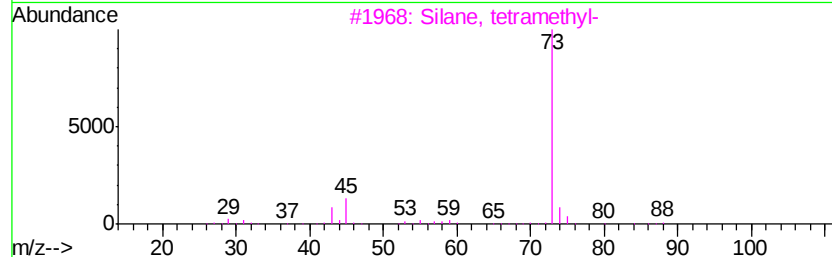
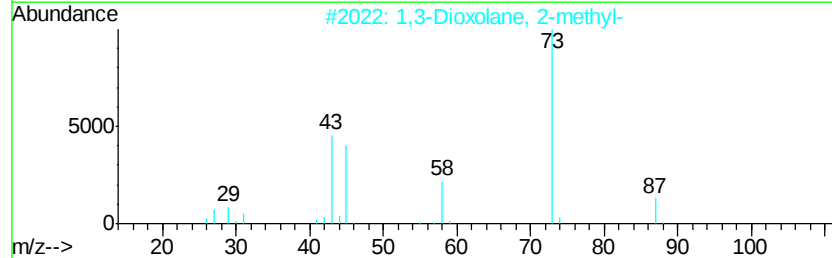
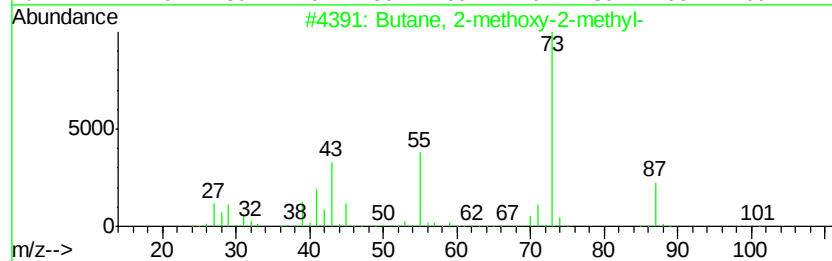
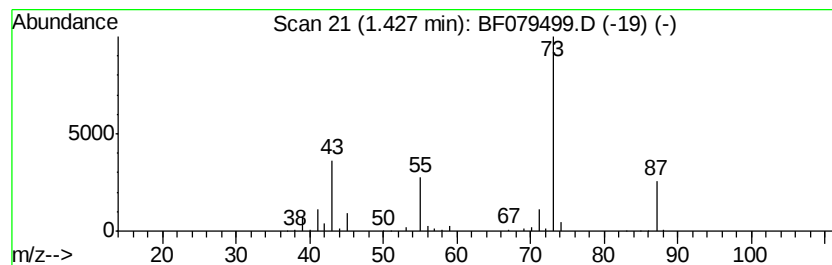
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.43	9.08 ng	182107	1,4-Dichlorobenzene-d4	7.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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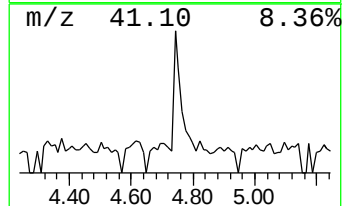
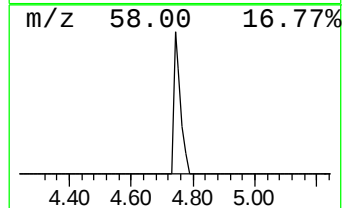
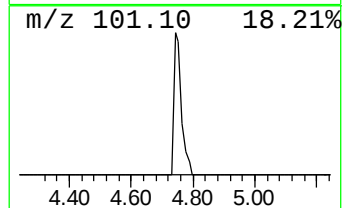
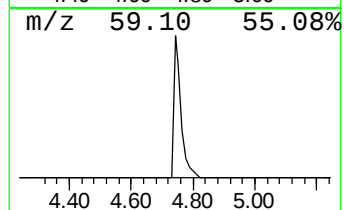
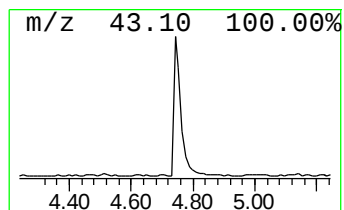
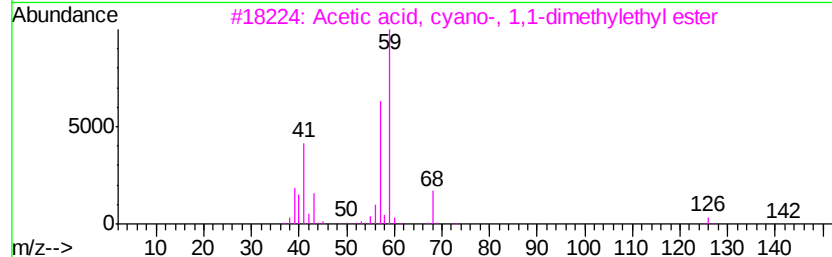
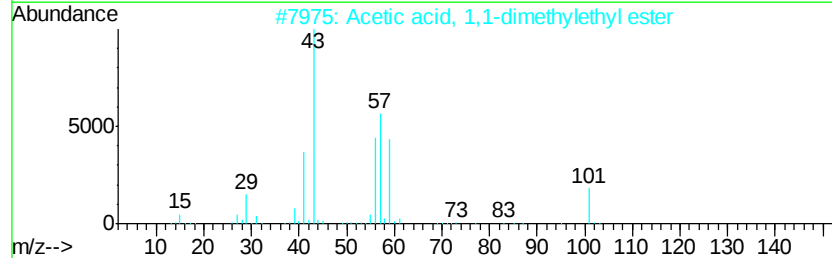
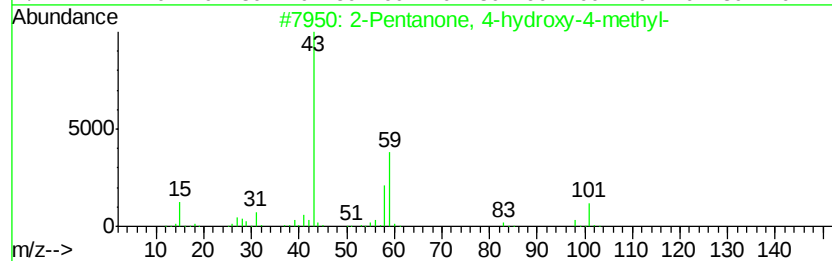
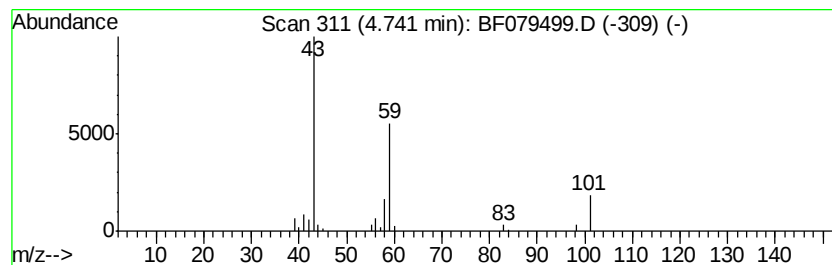
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Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	4.33 ng	86884	1,4-Dichlorobenzene-d4	7.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4		Diacetamide	101	C4H7NO2	000625-77-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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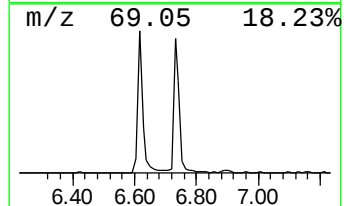
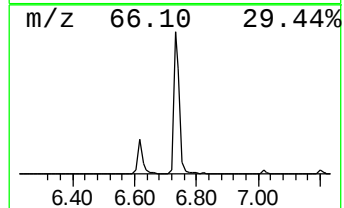
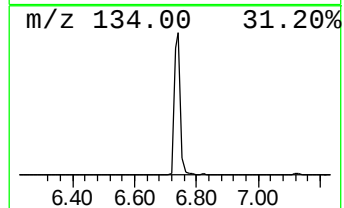
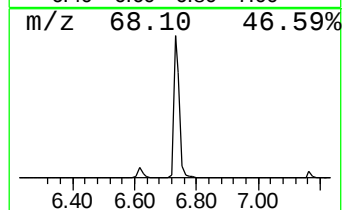
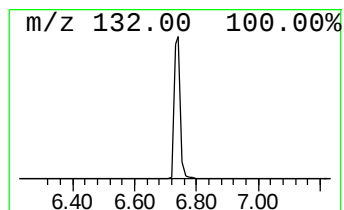
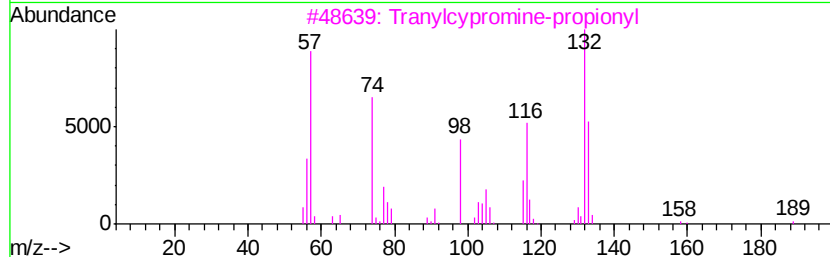
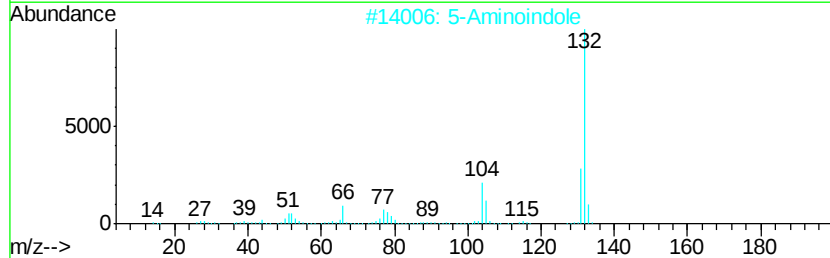
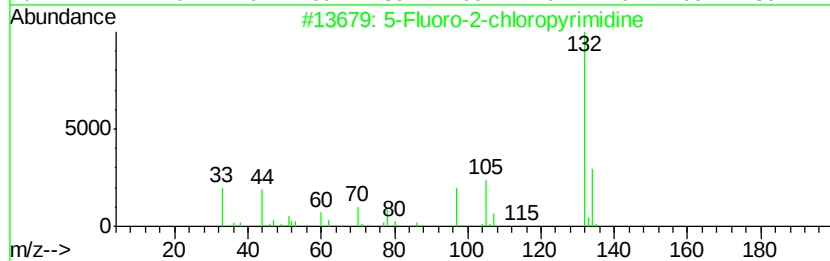
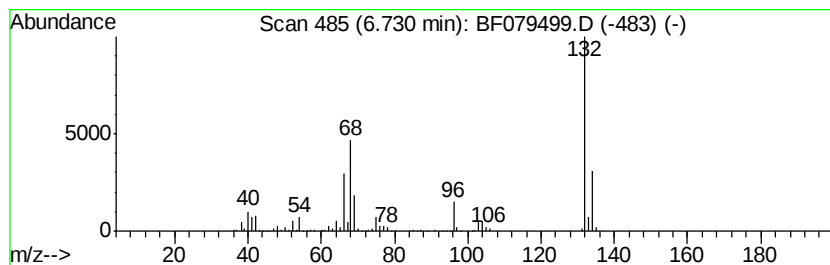
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 unknown6.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	43.30 ng	868339	1,4-Dichlorobenzene-d4	7.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2			5-Aminoindole	132	C8H8N2	005192-03-0	10
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			Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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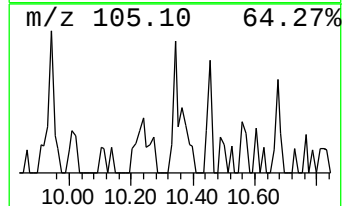
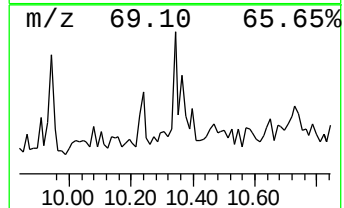
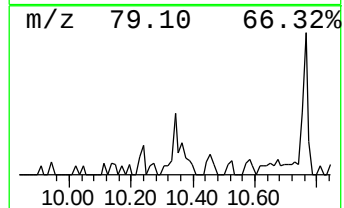
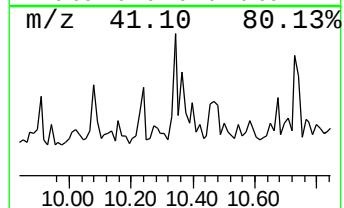
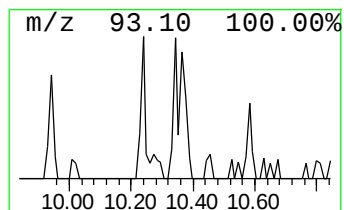
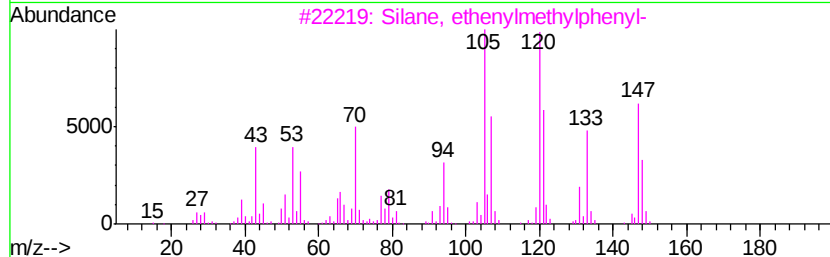
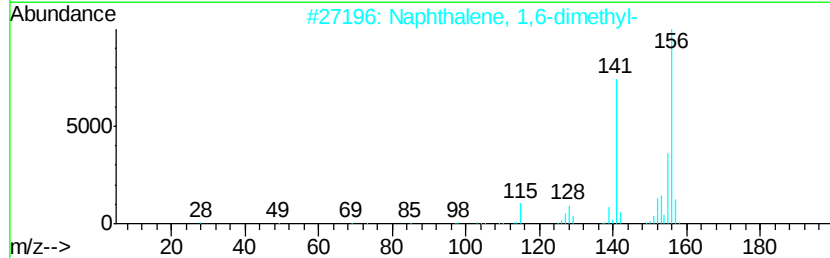
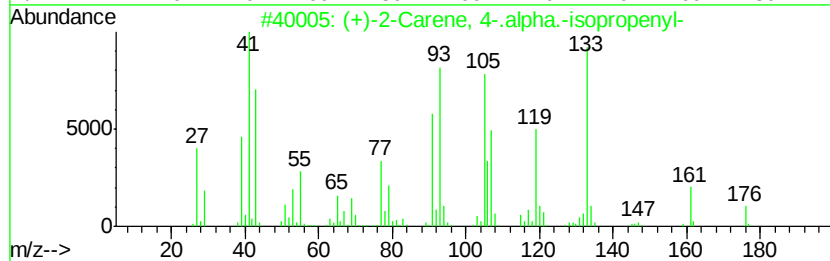
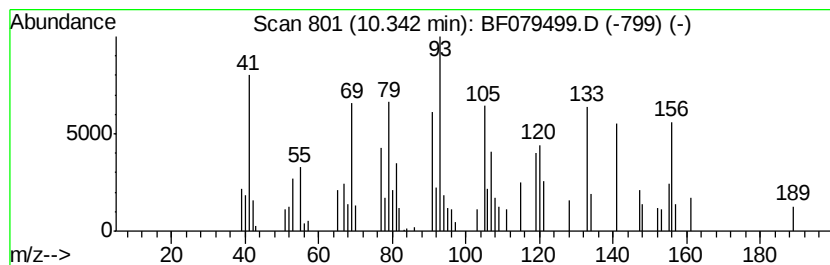
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Peak Number 8 unknown10.34 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	2.76 ng	86339	Acenaphthene-d10	10.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Carene, 4-.alpha.-isopropenyl-	176	C13H20	1000151-26-0	35		
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	18		
3	Silane, ethenylmethylphenyl-	148	C9H12Si	017878-39-6	15		
4	3a,6-Methano-3aH-inden-4-ol, oct...	152	C10H16O	016489-24-0	15		
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	11		



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Data File : BF079499.D
Acq On : 27 May 2015 3:21
Operator : TP/IZ
Sample : G2319-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAS-LINE-WASTE-COMP

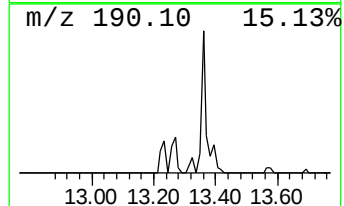
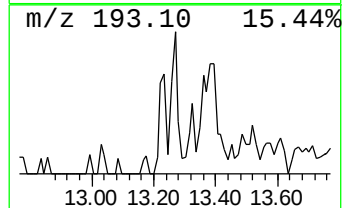
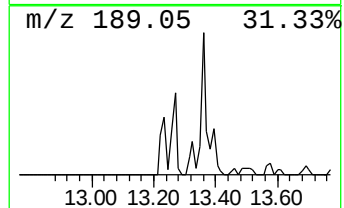
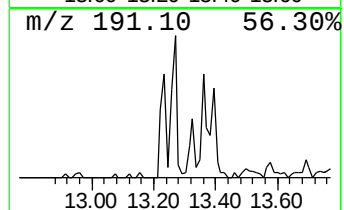
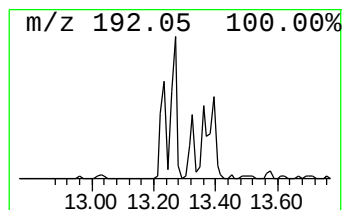
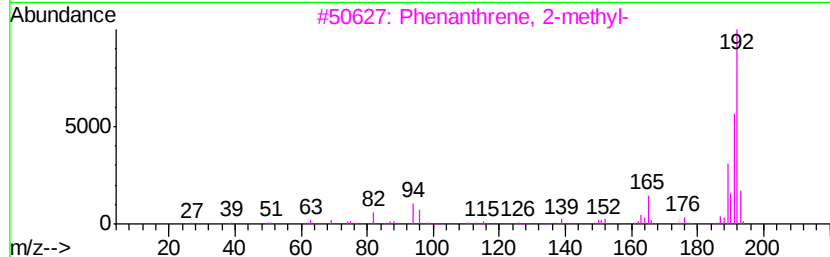
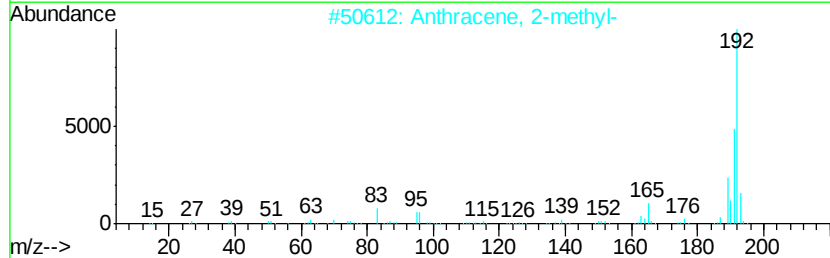
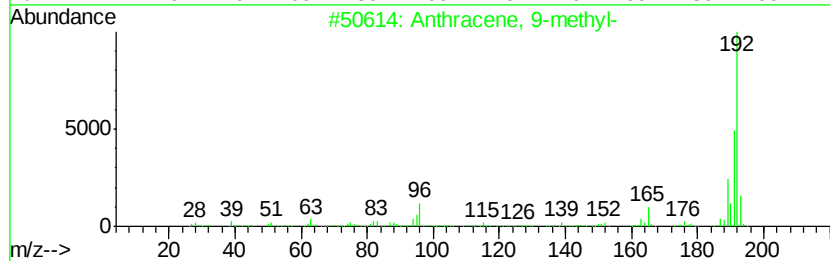
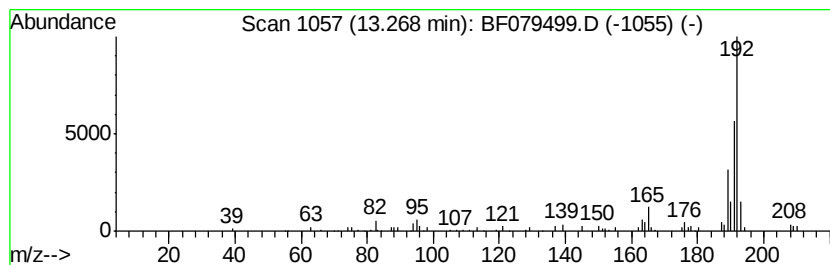
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.35 ng	81441	Phenanthrene-d10	12.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079499.D
Acq On : 27 May 2015 3:21
Operator : TP/IZ
Sample : G2319-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAS-LINE-WASTE-COMP

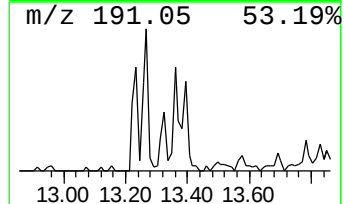
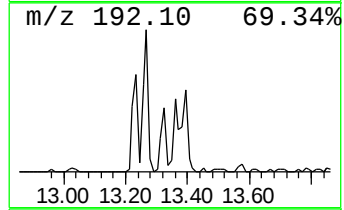
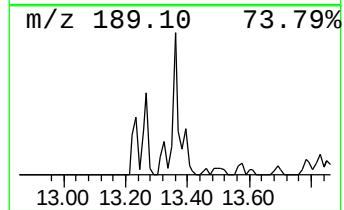
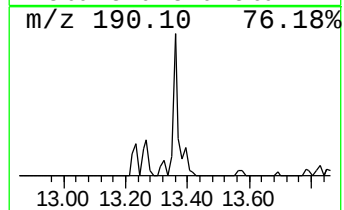
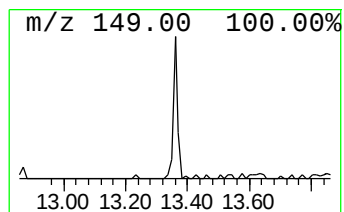
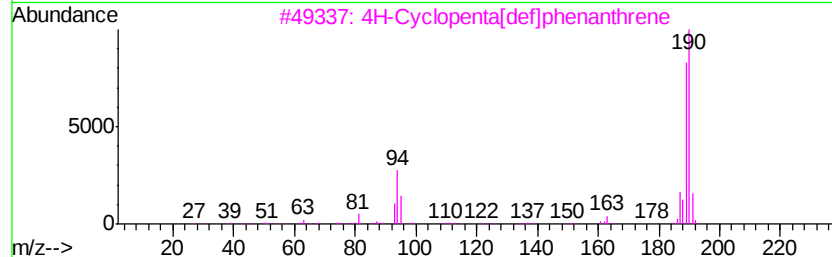
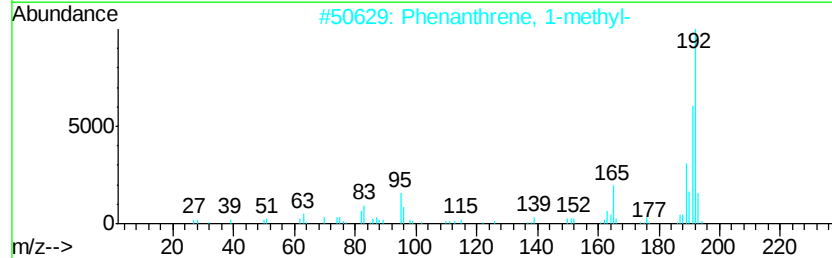
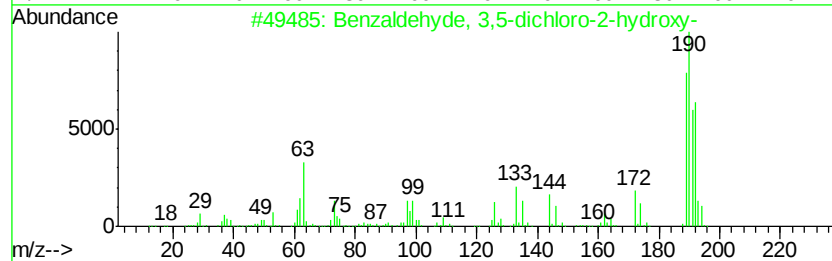
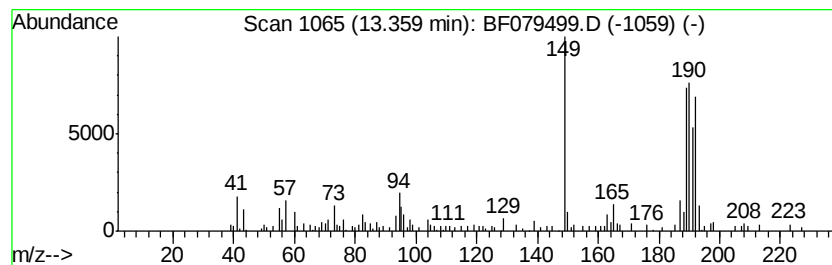
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzaldehyde, 3,5-dichloro-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	7.89 ng	273244	Phenanthrene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyd, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	52
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4		1a,9b-Dihydro-1H-cyclopropa[alan...	192	C15H12	006109-24-6	25
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079499.D
Acq On : 27 May 2015 3:21
Operator : TP/IZ
Sample : G2319-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAS-LINE-WASTE-COMP

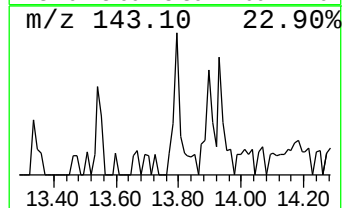
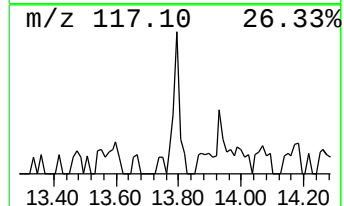
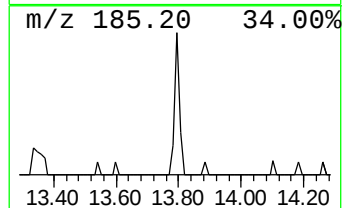
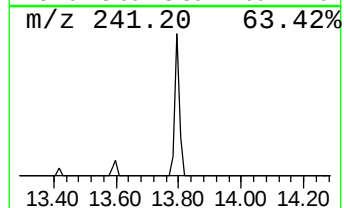
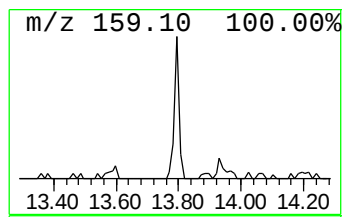
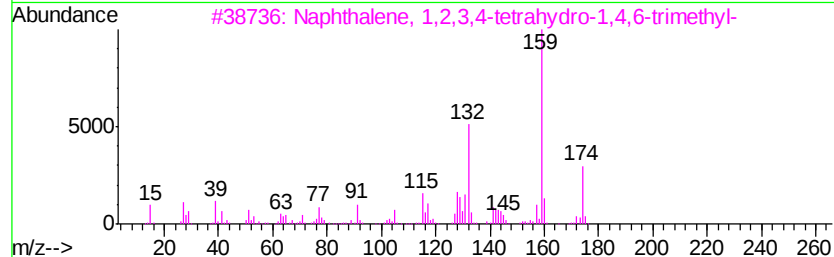
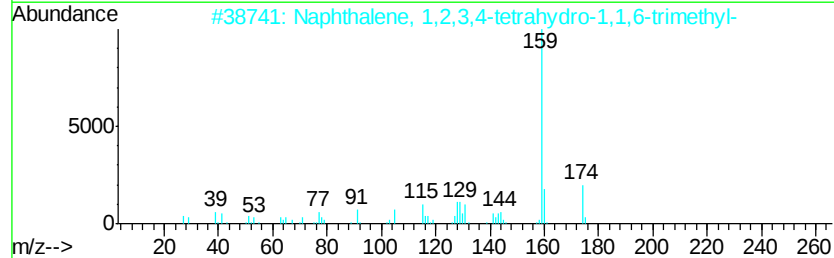
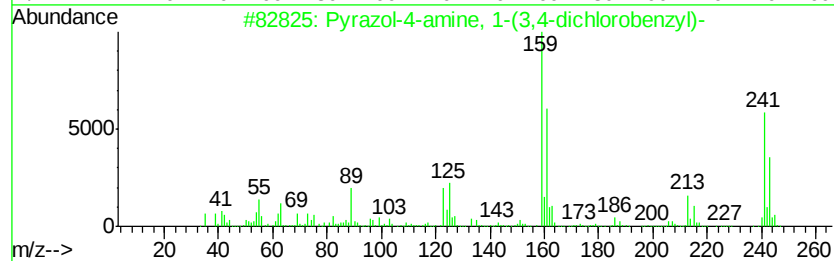
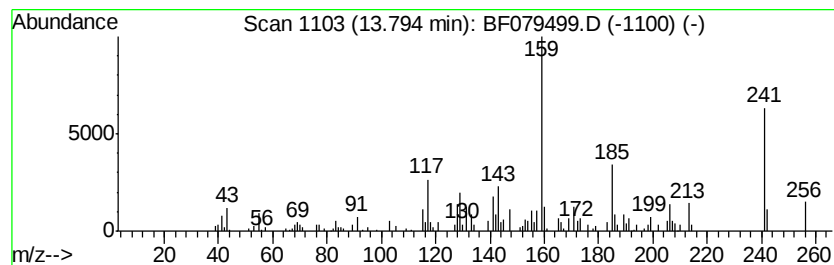
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown13.79 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.34 ng	81014	Phenanthrene-d10	12.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	46
2			Naphthalene, 1,2,3,4-tetrahydro...	174	C13H18	000475-03-6	27
3			Naphthalene, 1,2,3,4-tetrahydro...	174	C13H18	022824-32-4	27
4			Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	27
5			Benzene, 1-(1-formylethyl)-4-(1-...	188	C13H16O	1000161-46-6	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079499.D
Acq On : 27 May 2015 3:21
Operator : TP/IZ
Sample : G2319-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAS-LINE-WASTE-COMP

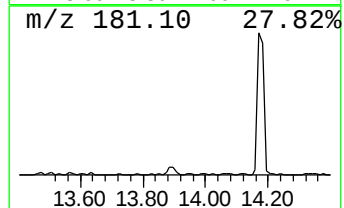
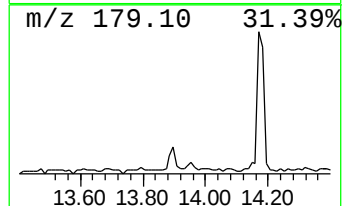
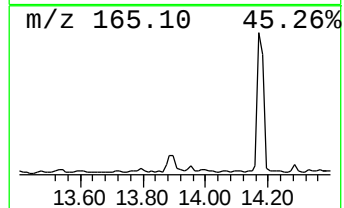
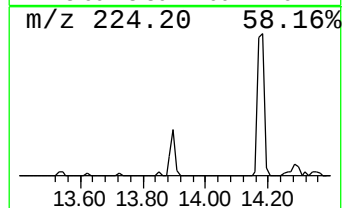
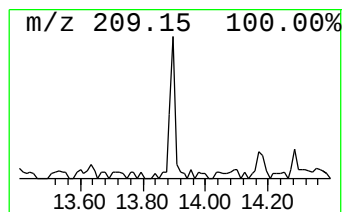
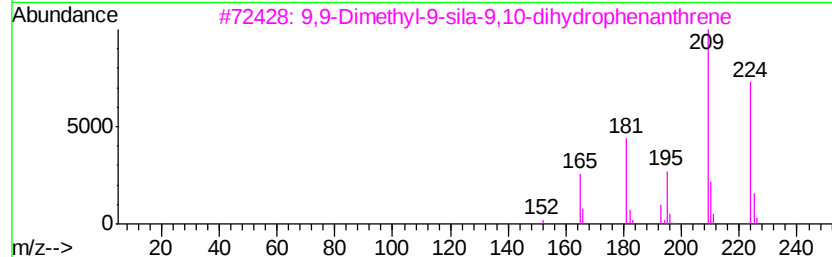
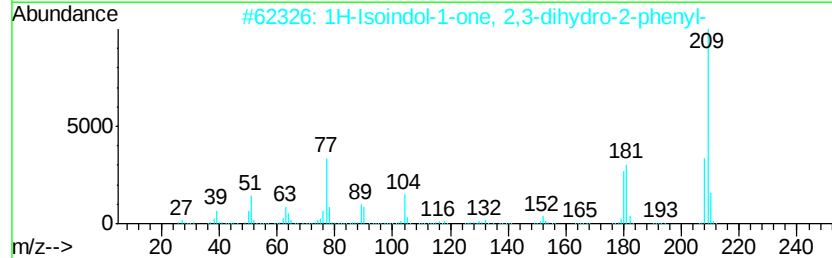
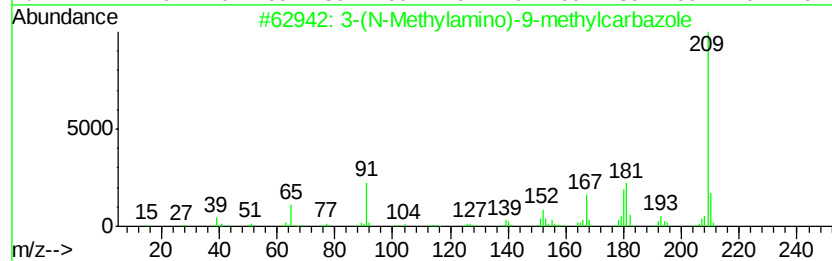
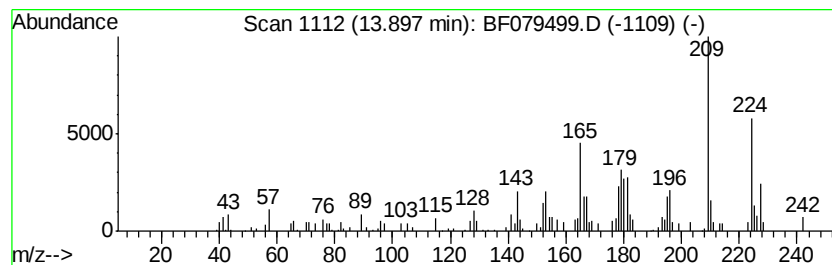
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown13.90 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	4.23 ng	146494	Phenanthrene-d10	12.61

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-(N-Methylamino)-9-methylcarbazole	210	C14H14N2	005416-98-8	46
2			1H-Isoindol-1-one, 2,3-dihydro-2-phenyl-	209	C14H11NO	005388-42-1	38
3			9,9-Dimethyl-9-sila-9,10-dihydrophenanthrene	224	C15H16Si	187328-55-8	38
4			Benzoic acid, 3-[(trimethylsilyl)amino]-	224	C11H16O3Si	027798-50-1	38
5			2-Acetyl-5-chloro-3-methylbenzoic acid	224	C11H9ClO5	051527-18-5	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079499.D
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Operator : TP/IZ
Sample : G2319-01 2X
Misc :
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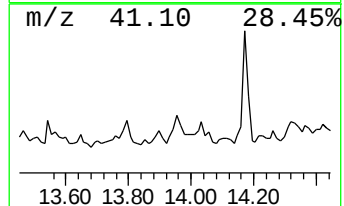
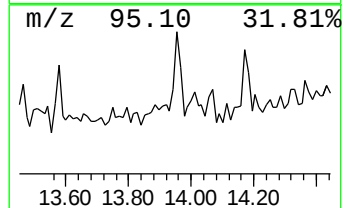
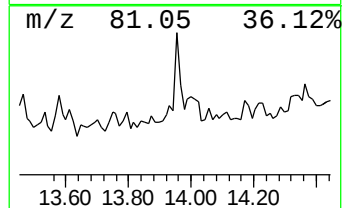
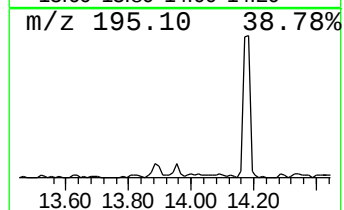
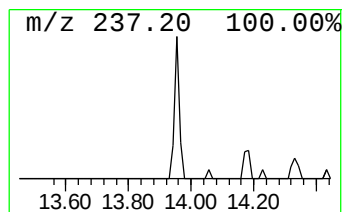
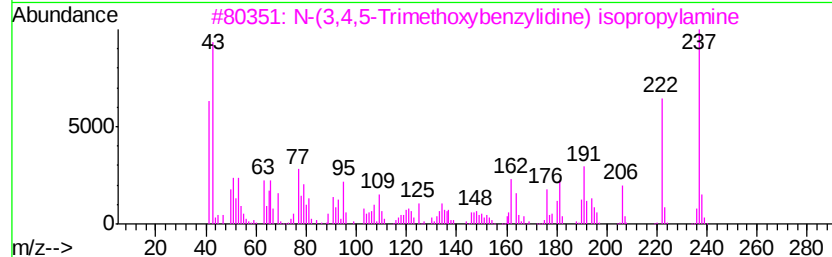
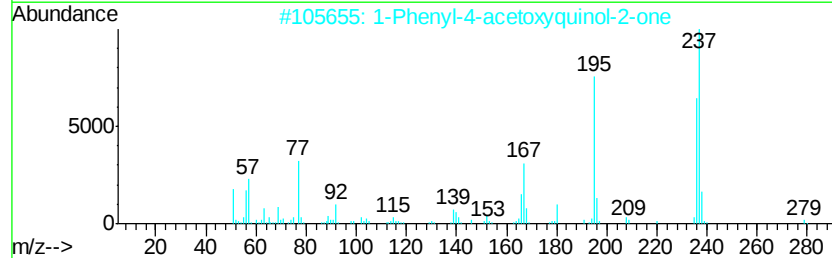
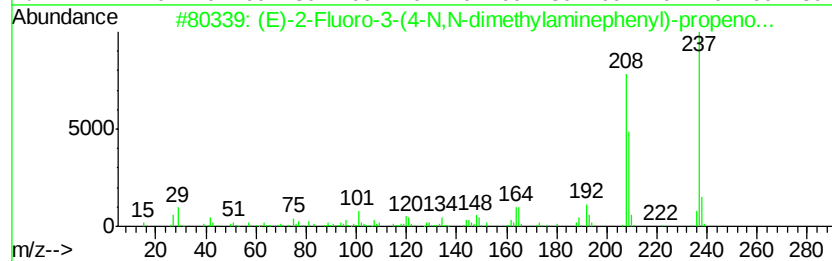
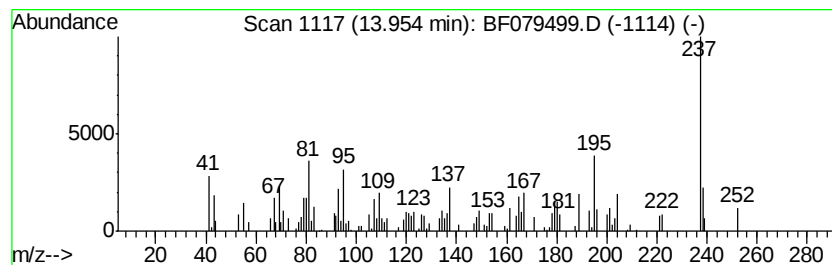
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown13.95 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.95	4.35 ng	150633	Phenanthrene-d10	12.61	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-2-Fluoro-3-(4-N,N-dimethylam...	237	C13H16FN02	110915-65-6	38
2	1-Phenyl-4-acetoxiquinol-2-one	279	C17H13N03	1000215-32-2	32
3	N-(3,4,5-Trimethoxybenzylvlidine) ...	237	C13H19N03	035967-21-6	30
4	p,p-Bis(1-aziridinyl)-N-(p-tolyl...	237	C11H16N30P	027824-40-4	27
5	2-Chloro-6-methoxyquinoline-4-ca...	237	C11H8ClN03	020335-34-6	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079499.D
Acq On : 27 May 2015 3:21
Operator : TP/IZ
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ClientSampleId :
GAS-LINE-WASTE-COMP

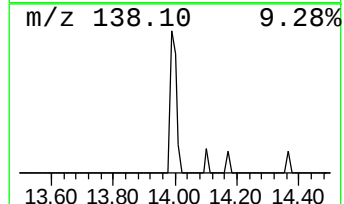
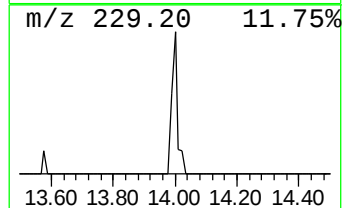
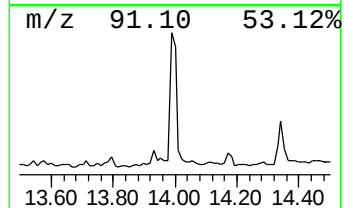
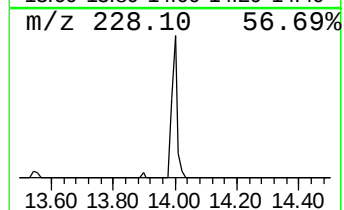
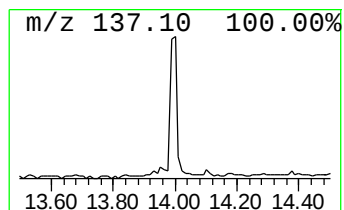
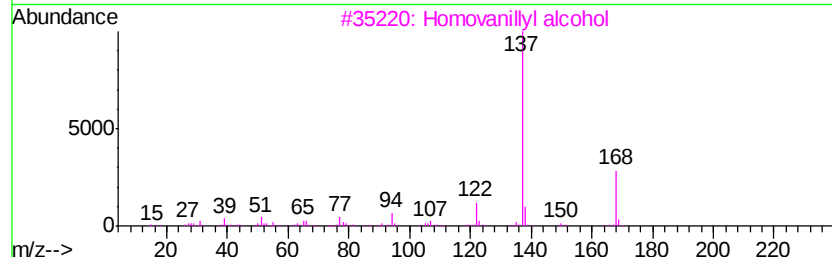
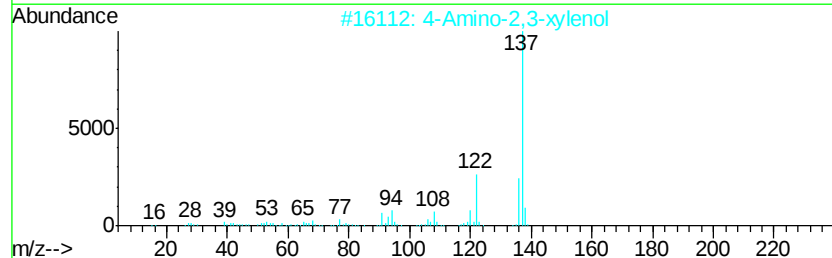
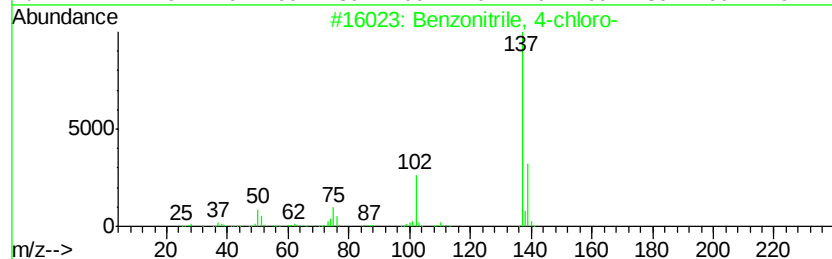
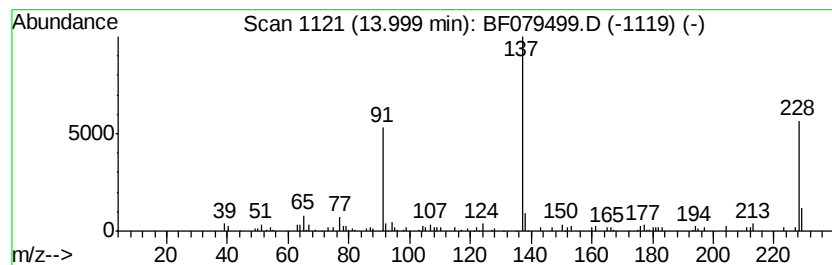
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown14.00 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	5.05 ng	174814	Phenanthrene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzonitrile, 4-chloro-	137	C7H4ClN	000623-03-0	43
2		4-Amino-2,3-xyleneol	137	C8H11NO	003096-69-3	43
3		Homovanillyl alcohol	168	C9H12O3	002380-78-1	38
4		2-Hydroxy-2-(4-methoxy-phenyl)-N...	195	C10H13NO3	087920-02-3	37
5		2,5-Pyridinedicarboxylic acid, d...	195	C9H9NO4	000881-86-7	37



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079499.D
Acq On : 27 May 2015 3:21
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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
GAS-LINE-WASTE-COMP

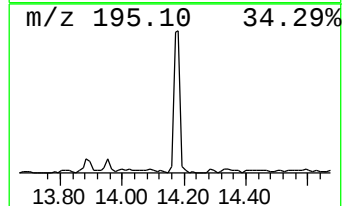
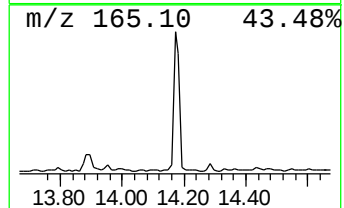
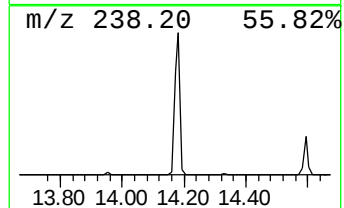
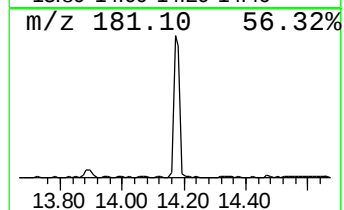
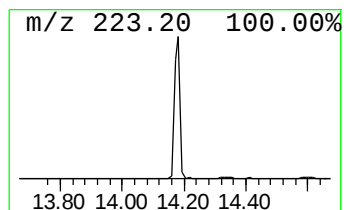
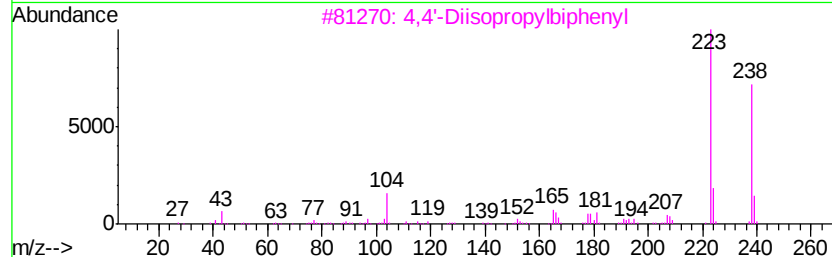
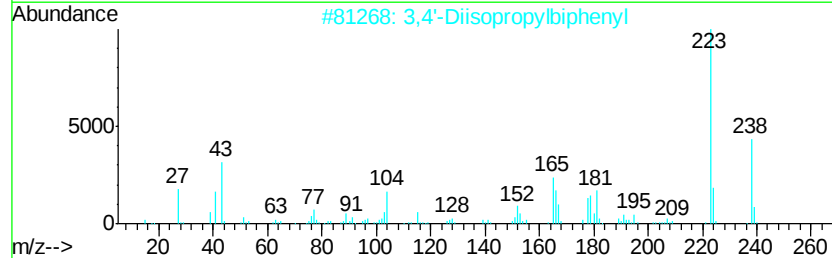
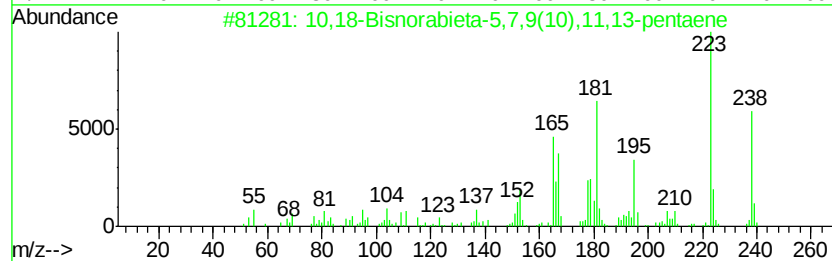
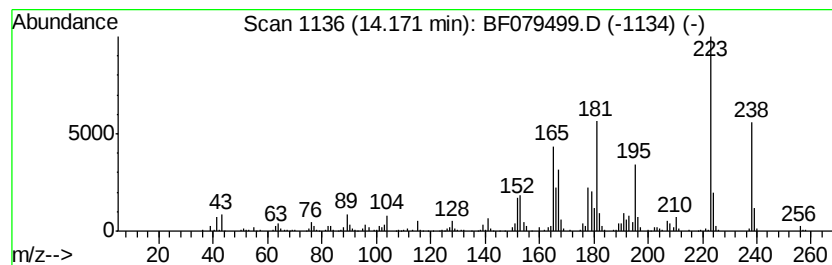
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	21.00 ng	727188	Phenanthrene-d10	12.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	62
3		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
4		2-Propenoic acid, 3-(3,4,5-trime...	238	C12H14O5	000090-50-6	46
5		3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079499.D
Acq On : 27 May 2015 3:21
Operator : TP/IZ
Sample : G2319-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAS-LINE-WASTE-COMP

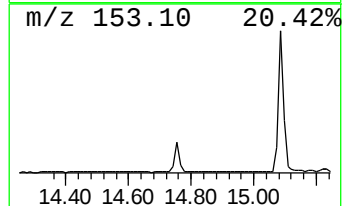
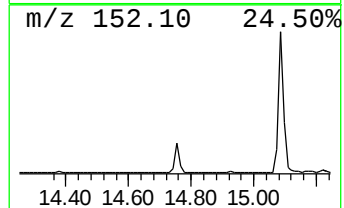
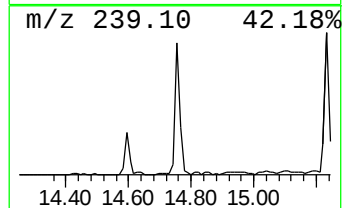
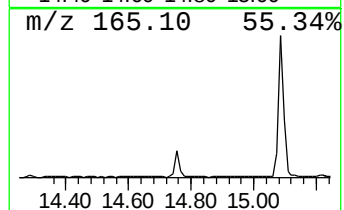
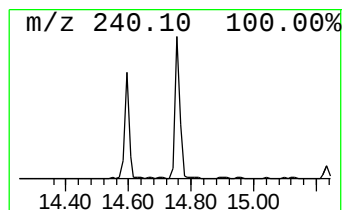
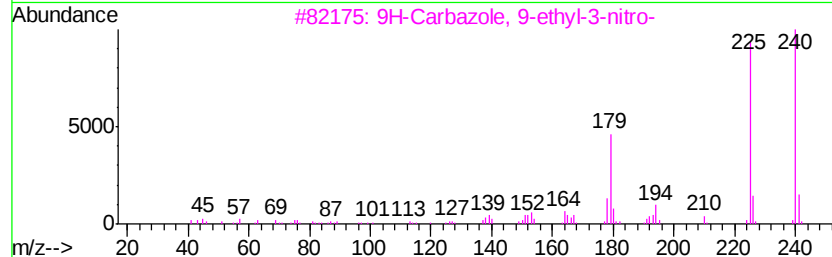
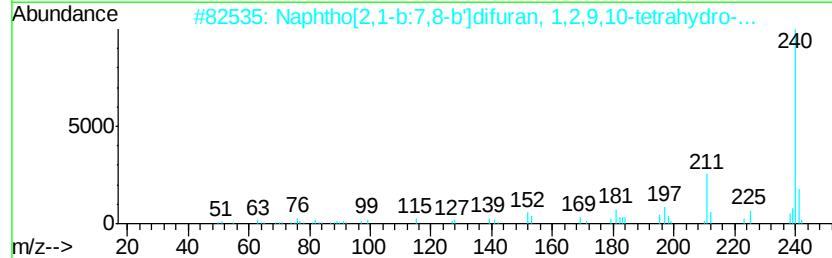
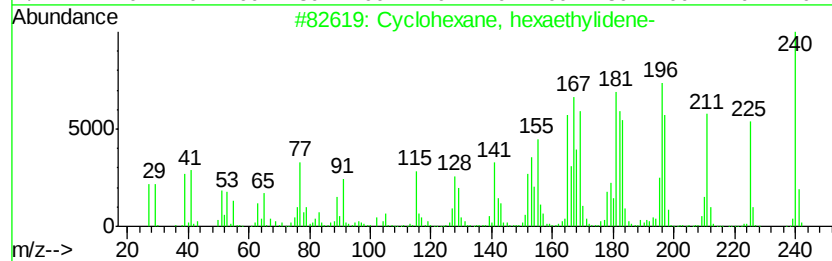
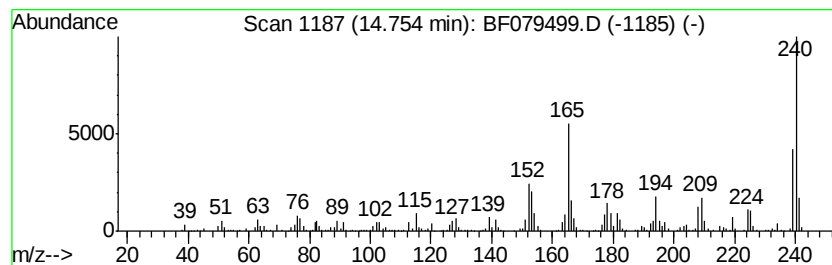
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclohexane, hexaethylidene- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	5.14 ng	444691	Chrysene-d12	15.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexaethylidene-	240	C18H24	001482-93-5	95
2		Naphtho[2,1-b:7,8-b']difuran, 1,...	240	C16H16O2	068873-21-2	49
3		9H-Carbazole, 9-ethyl-3-nitro-	240	C14H12N2O2	000086-20-4	46
4		[1,1'-Biphenyl]-4,4'-diamine, 3,...	240	C16H20N2	054827-17-7	46
5		9,10-Anthracenedione, 1,4-diamin...	240	C14H12N2O2	000081-63-0	41



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
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Operator : TP/IZ
Sample : G2319-01 2X
Misc :
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ClientSampleId :
GAS-LINE-WASTE-COMP

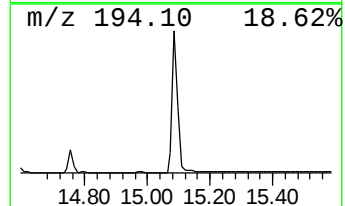
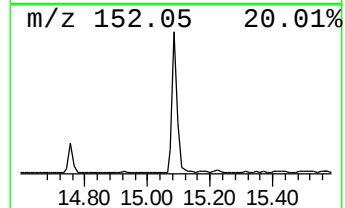
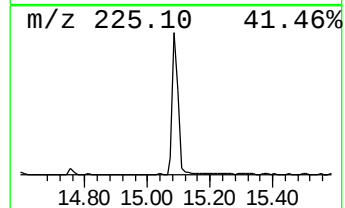
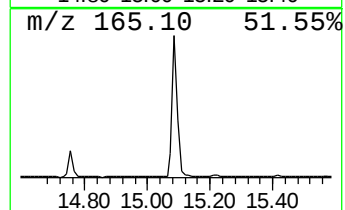
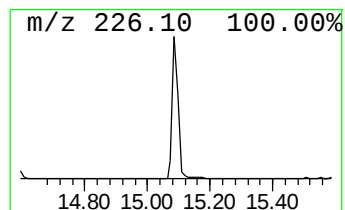
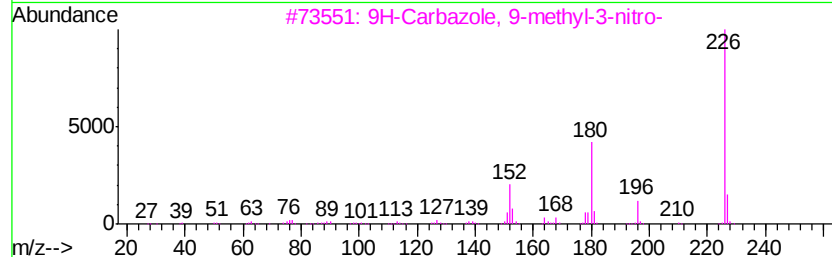
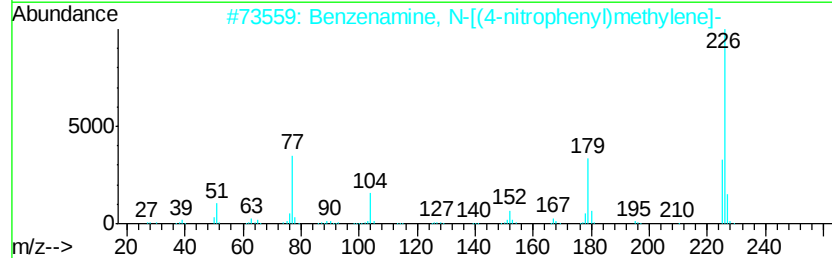
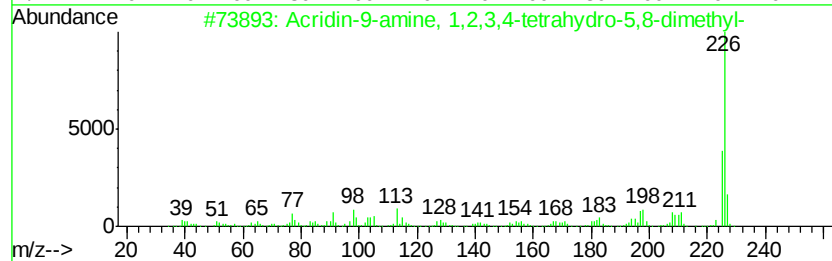
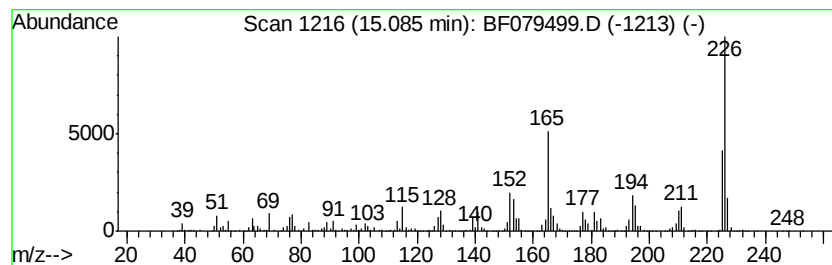
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	27.92 ng	2414030	Chrysene-d12	15.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	64
2		Benzenamine, N-[(4-nitrophenyl)m...	226	C13H10N2O2	000785-80-8	46
3		9H-Carbazole, 9-methyl-3-nitro-	226	C13H10N2O2	061166-05-0	45
4		1-Ethyl-4-methoxy-9H-pyrido[3,4-...	226	C14H14N2O	026585-14-8	43
5		9-Borabicyclo[3.3.1]nonane, 9-(2...	226	C16H23B	067753-90-6	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079499.D
Acq On : 27 May 2015 3:21
Operator : TP/IZ
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ALS Vial : 22 Sample Multiplier: 1

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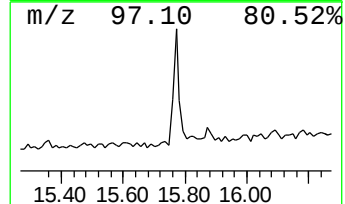
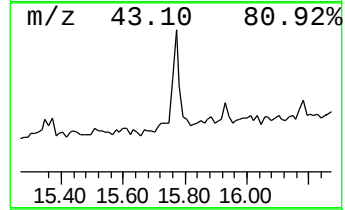
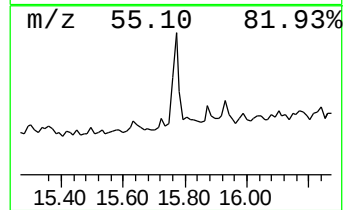
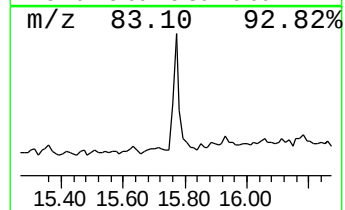
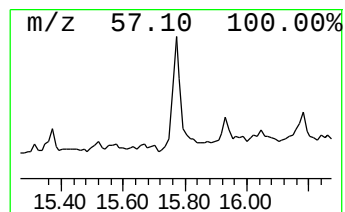
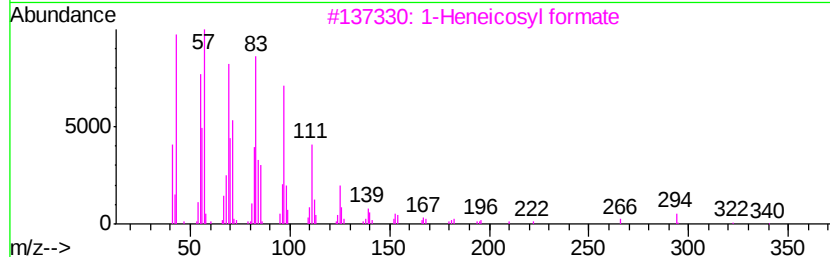
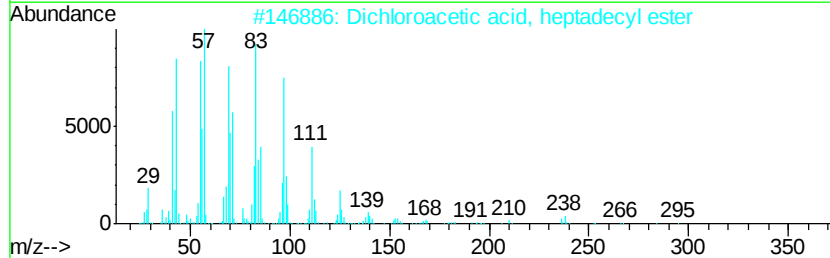
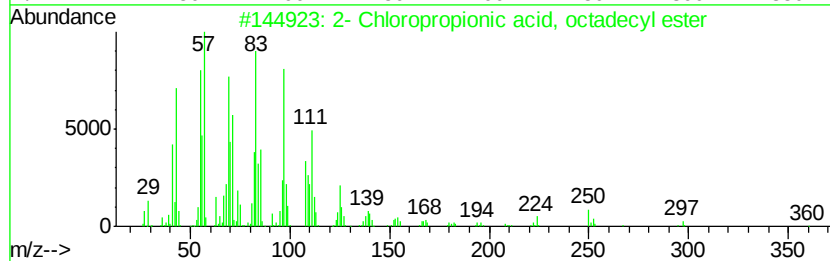
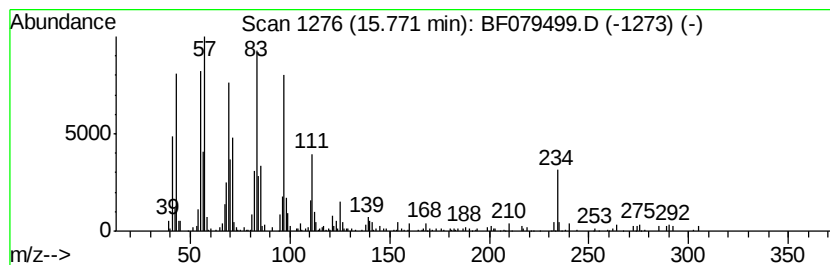
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2- Chloropropionic acid, oc... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	2.82 ng	243603	Chrysene-d12	15.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
2			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3			1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4			2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	87
5			Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079499.D
Acq On : 27 May 2015 3:21
Operator : TP/IZ
Sample : G2319-01 2X
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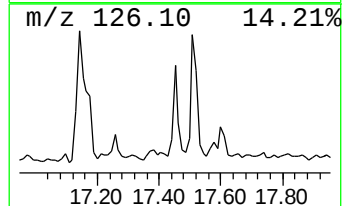
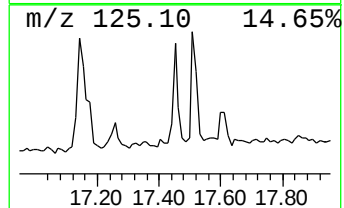
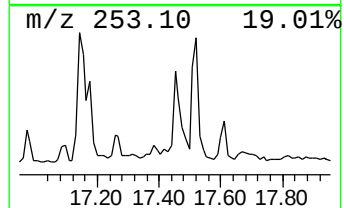
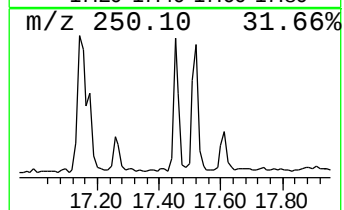
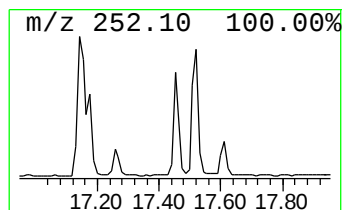
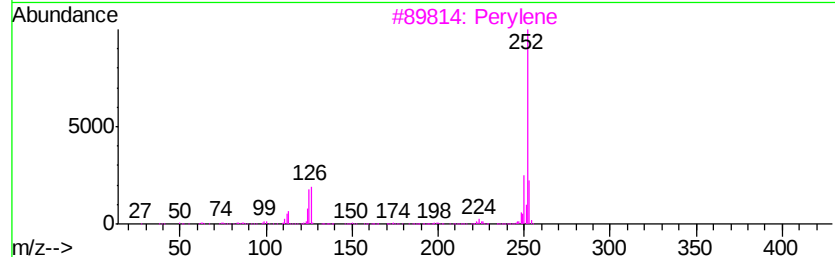
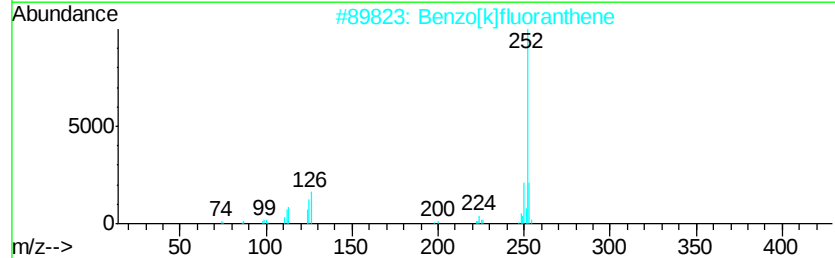
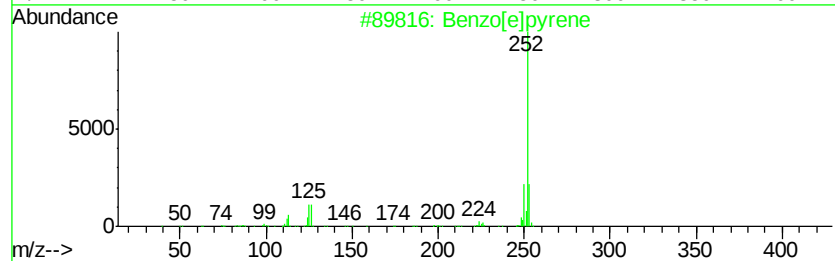
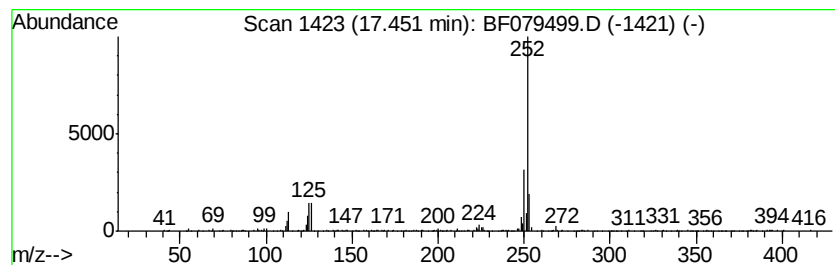
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.45	4.75 ng	190538	Perylene-d12	17.58	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Perylene	252	C20H12	000198-55-0	98
4	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benzo[a]pyrene	252	C20H12	000050-32-8	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079499.D
Acq On : 27 May 2015 3:21
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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
GAS-LINE-WASTE-COMP

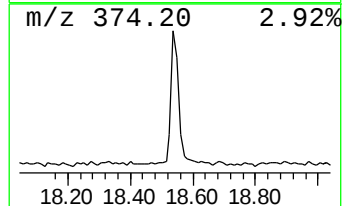
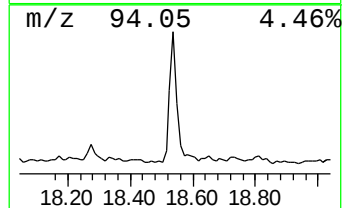
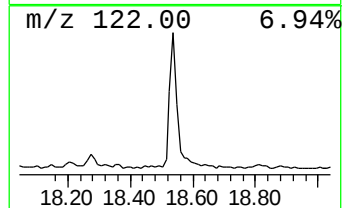
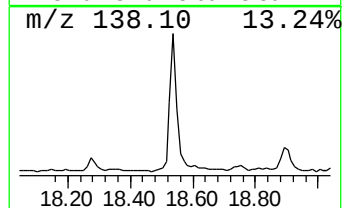
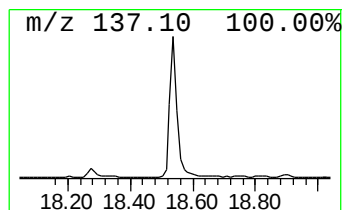
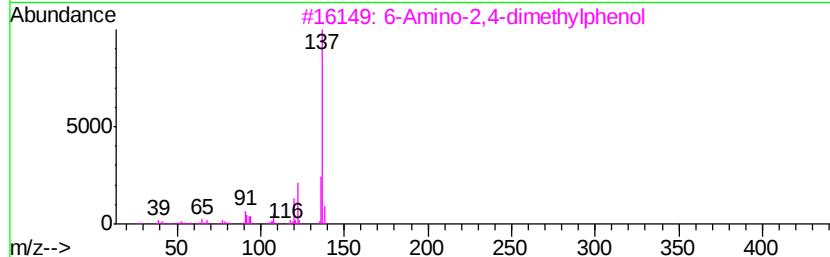
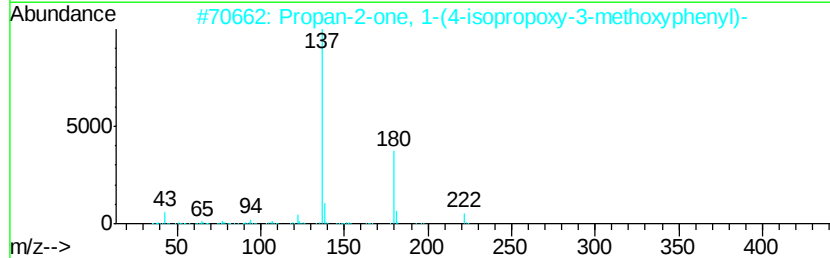
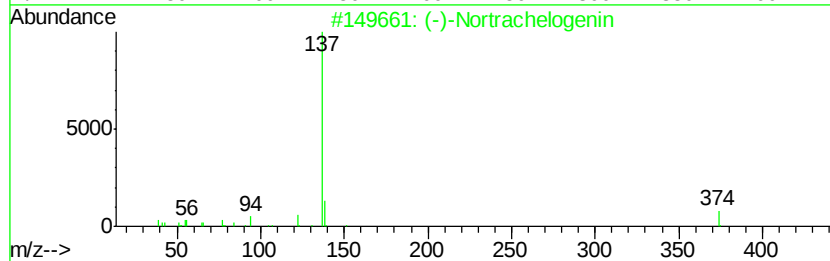
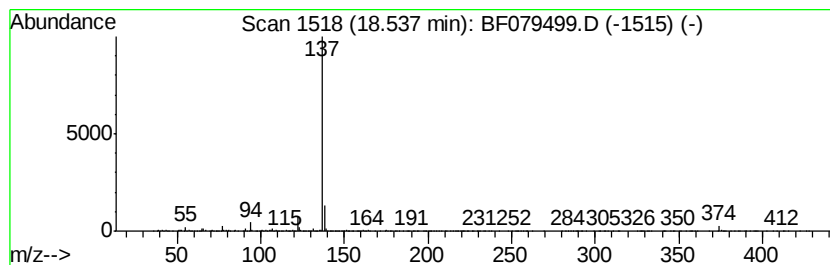
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 (-)-Nortrachelogenin Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	17.40 ng	698840	Perylene-d12	17.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(-)-Nortrachelogenin	374	C20H22O7	034444-37-6	91
2		Propan-2-one, 1-(4-isopropoxy-3-...	222	C13H18O3	1000267-40-3	78
3		6-Amino-2,4-dimethylphenol	137	C8H11NO	041458-65-5	72
4		Ethyl homovanillate	210	C11H14O4	060563-13-5	72
5		Benzeneacetic acid, 4-hydroxy-3-...	196	C10H12O4	015964-80-4	40



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
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 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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 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
Butane, 2-methoxy...	1.43	9.1 ng		182107	1	7.02	401043	20.0
2-Pentanone, 4-hy...	4.74	4.3 ng		86884	1	7.02	401043	20.0
unknown6.73	6.73	43.3 ng		868339	1	7.02	401043	20.0
unknown10.34	10.34	2.8 ng		86339	3	10.76	625622	20.0
Anthracene, 9-met...	13.27	2.4 ng		81441	4	12.61	692397	20.0
Benzaldehyde, 3,5...	13.36	7.9 ng		273244	4	12.61	692397	20.0
unknown13.79	13.79	2.3 ng		81014	4	12.61	692397	20.0
unknown13.90	13.90	4.2 ng		146494	4	12.61	692397	20.0
unknown13.95	13.95	4.3 ng		150633	4	12.61	692397	20.0
unknown14.00	14.00	5.0 ng		174814	4	12.61	692397	20.0
10,18-Bisnorabiet...	14.17	21.0 ng		727188	4	12.61	692397	20.0
Cyclohexane, hexa...	14.75	5.1 ng		444691	5	15.87	1729270	20.0
Acridin-9-amine, ...	15.09	27.9 ng		2414030	5	15.87	1729270	20.0
2- Chloropropioni...	15.77	2.8 ng		243603	5	15.87	1729270	20.0
Benzo[e]pyrene	17.45	4.8 ng		190538	6	17.58	803058	20.0
(-)-Nortrachelogenin	18.54	17.4 ng		698840	6	17.58	803058	20.0