

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
 Data File : BF078962.D
 Acq On : 6 May 2015 16:05
 Operator : TP/IZ
 Sample : G2116-03 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-59BS

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-BF043015.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	1.255	4	6	24	rVB3	237810	1010164	23.05%	4.857%
2	1.496	24	27	29	rVB	2095000	2710733	61.84%	13.034%
3	1.633	37	39	49	rVB2	211904	394159	8.99%	1.895%
4	1.770	49	51	53	rVV	115302	168967	3.85%	0.812%
5	1.816	53	55	60	rVV	113421	188920	4.31%	0.908%
6	1.896	60	62	93	rVB	2483659	4383188	100.00%	21.075%
7	5.153	345	347	353	rVB	60022	77718	1.77%	0.374%
8	5.644	387	390	392	rBV	604021	710161	16.20%	3.415%
9	6.890	497	499	502	rBV	695137	747087	17.04%	3.592%
10	7.050	511	513	516	rBV	672203	762623	17.40%	3.667%
11	7.348	536	539	541	rBV	503584	442179	10.09%	2.126%
12	7.530	553	555	558	rBV	603551	578376	13.20%	2.781%
13	8.033	597	599	602	rBV	529637	453373	10.34%	2.180%
14	8.925	675	677	679	rBV	675753	609926	13.92%	2.933%
15	10.274	792	795	797	rBV	682041	887832	20.26%	4.269%
16	10.776	836	839	841	rBV	54392	57692	1.32%	0.277%
17	11.096	865	867	870	rBV	609862	671845	15.33%	3.230%
18	11.999	944	946	949	rBV	173888	160869	3.67%	0.773%
19	12.079	950	953	956	rBV	628871	589183	13.44%	2.833%
20	12.525	989	992	994	rBV	45698	62865	1.43%	0.302%
21	12.948	1026	1029	1031	rBV	807642	796998	18.18%	3.832%
22	13.200	1048	1051	1053	rBV	40353	52464	1.20%	0.252%
23	14.457	1158	1161	1163	rBV	133523	126323	2.88%	0.607%
24	14.743	1183	1186	1188	rBV	94558	137602	3.14%	0.662%
25	14.948	1201	1204	1206	rBV	990087	1031934	23.54%	4.962%
26	16.160	1308	1310	1314	rBV2	35452	58974	1.35%	0.284%
27	16.297	1318	1322	1324	rVV	758456	987614	22.53%	4.749%
28	16.331	1324	1325	1327	rVV	62159	55113	1.26%	0.265%
29	16.731	1353	1360	1362	rBV7	40299	161198	3.68%	0.775%
30	17.051	1382	1388	1391	rBV3	33835	120033	2.74%	0.577%
31	17.691	1442	1444	1446	rBV	64098	121277	2.77%	0.583%
32	17.931	1462	1465	1467	rBV3	20807	57777	1.32%	0.278%
33	18.046	1473	1475	1479	rBV	39292	66333	1.51%	0.319%
34	18.114	1479	1481	1484	rBV	70407	111993	2.56%	0.538%

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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-BF043015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.194	1485	1488	1492	rBV	704192	1038091	23.68%	4.991%
36	18.263	1492	1494	1497	rVB	35195	75347	1.72%	0.362%
37	19.703	1618	1620	1626	rVB2	29749	71717	1.64%	0.345%
38	20.149	1657	1659	1663	rVB	29069	58941	1.34%	0.283%

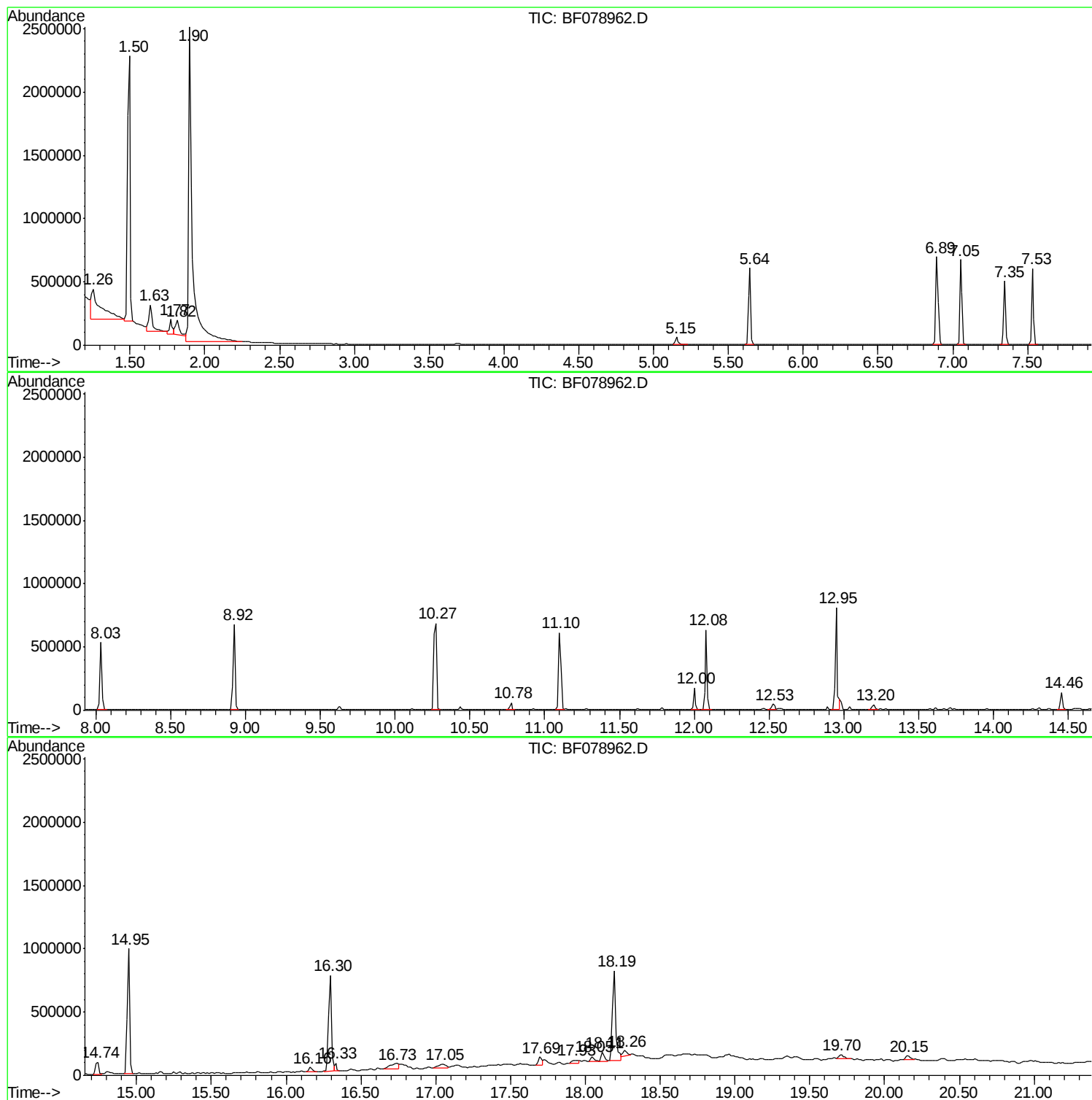
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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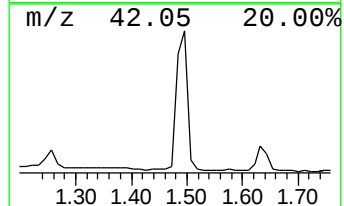
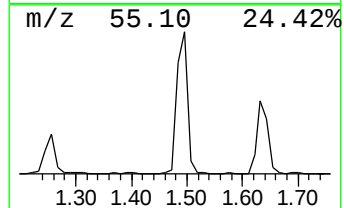
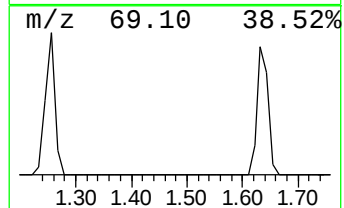
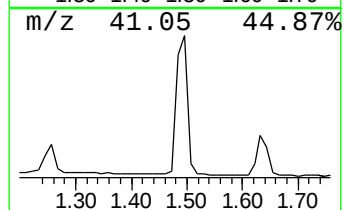
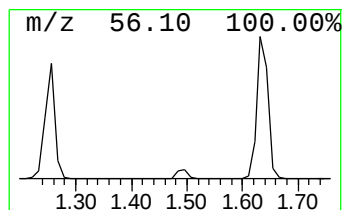
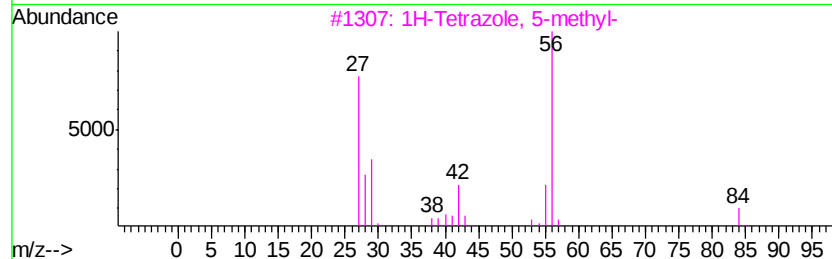
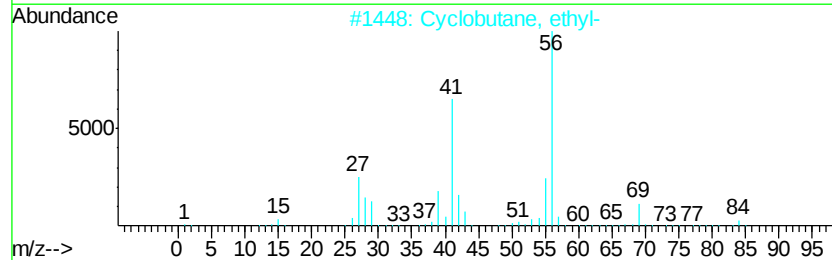
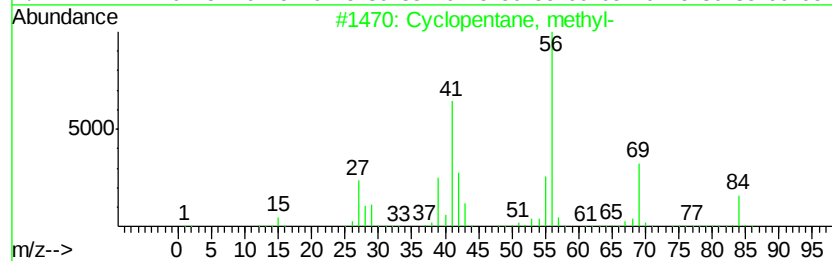
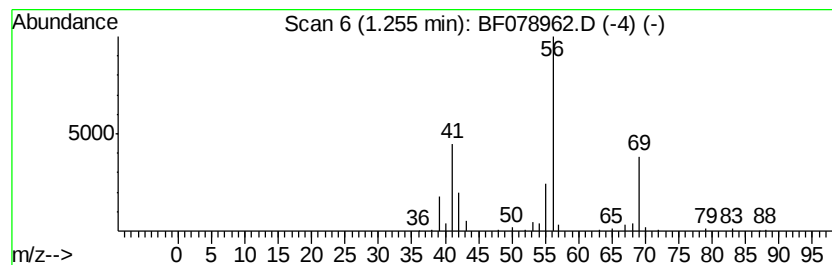
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclopentane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.26	45.69 ng	1010160	1,4-Dichlorobenzene-d4	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	83
2		Cyclobutane, ethyl-	84	C6H12	004806-61-5	50
3		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	40
4		2,2-Dimethylglutaric anhydride	142	C7H10O3	002938-48-9	38
5		2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	9



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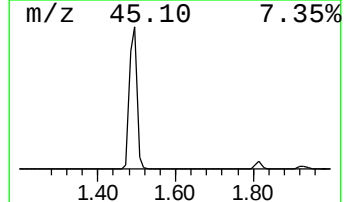
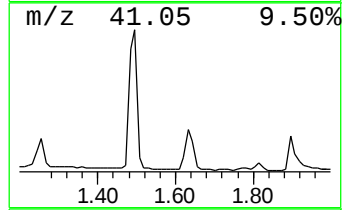
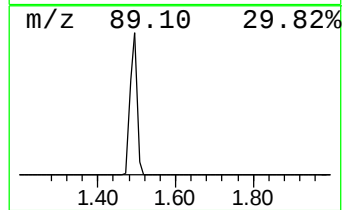
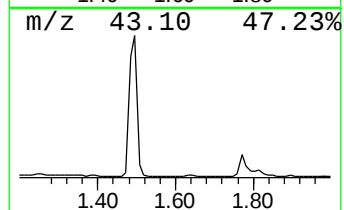
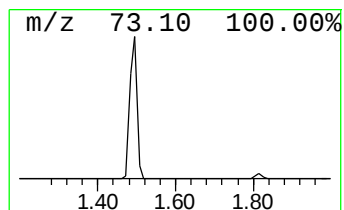
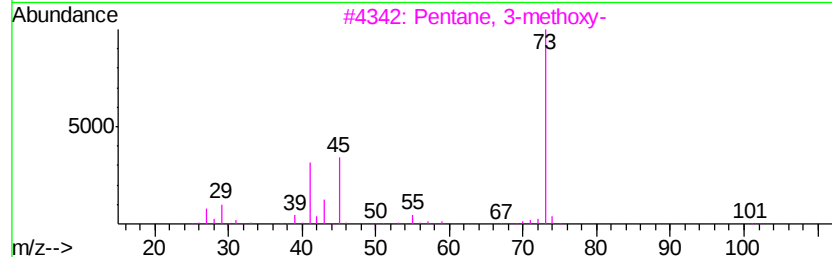
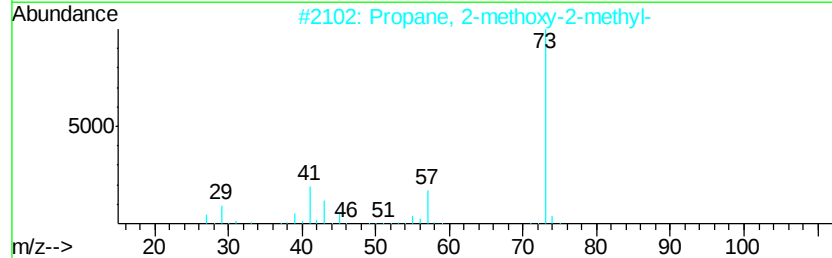
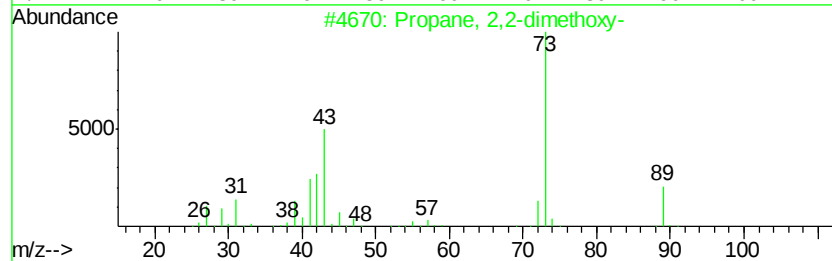
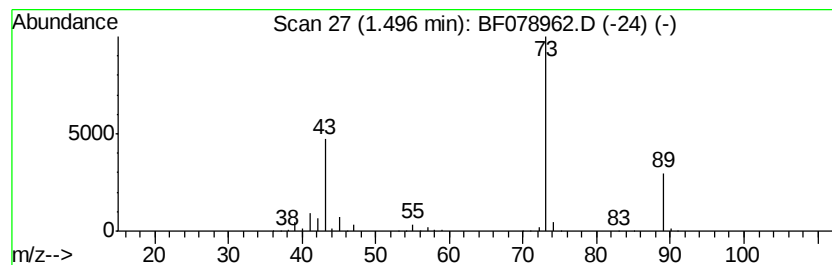
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown1.50 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	122.61 ng	2710730	1,4-Dichlorobenzene-d4	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5		Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7



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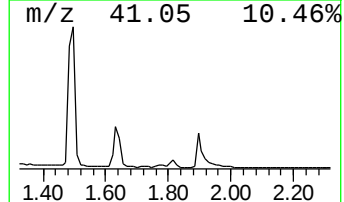
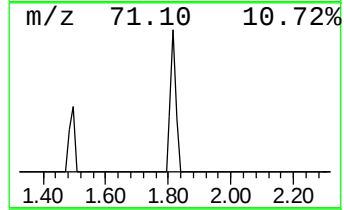
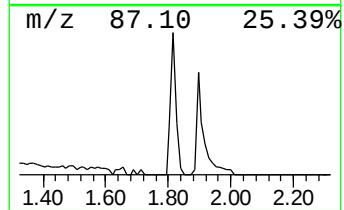
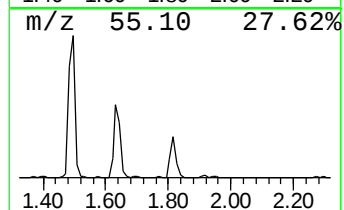
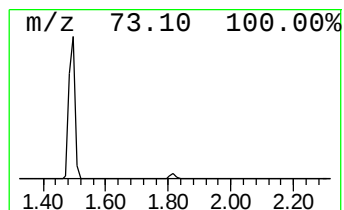
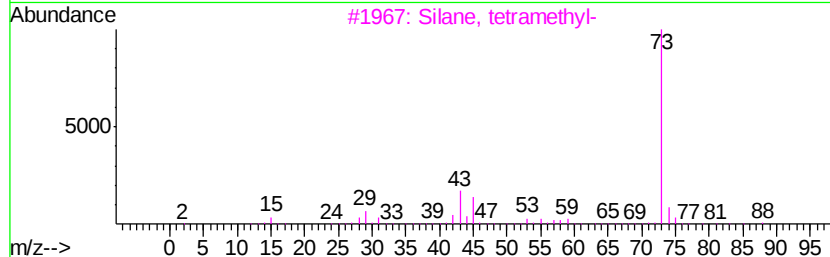
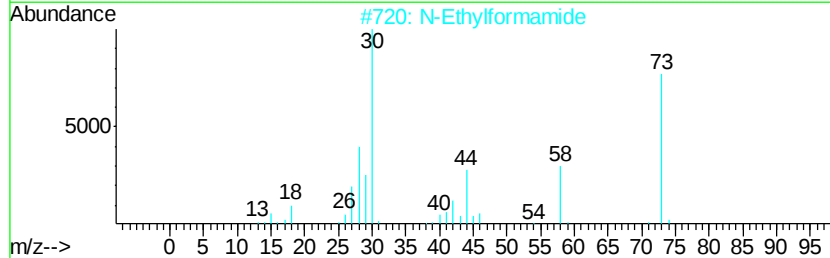
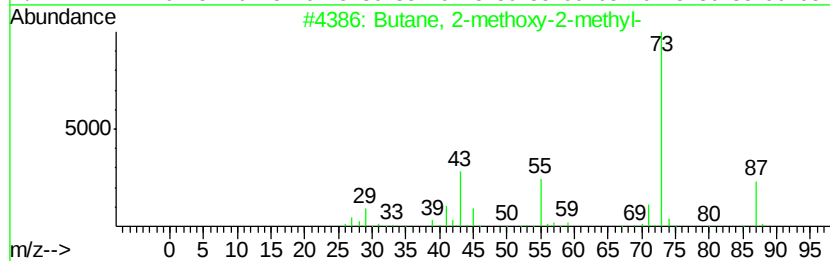
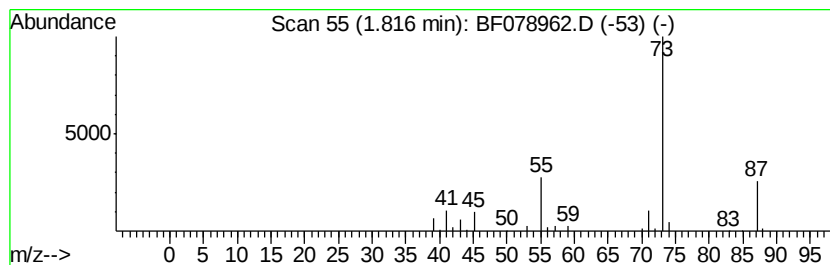
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	8.54 ng	188920	1,4-Dichlorobenzene-d4	7.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		N-Ethylformamide	73	C3H7NO	000627-45-2	23
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9
5		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9



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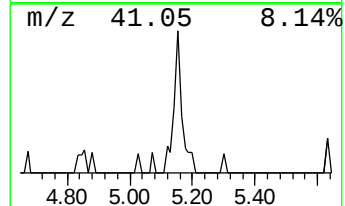
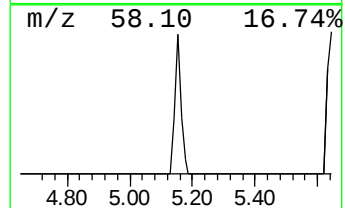
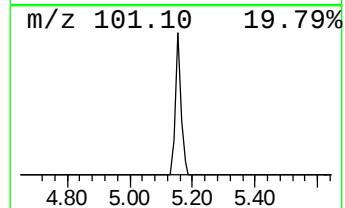
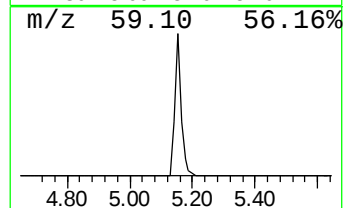
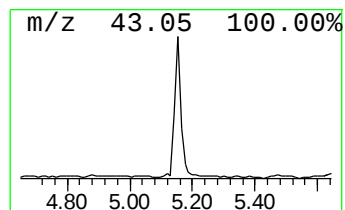
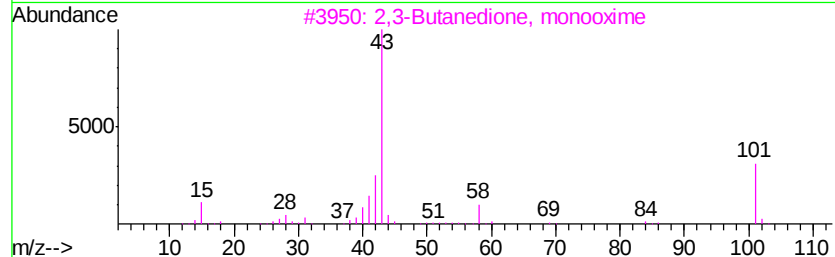
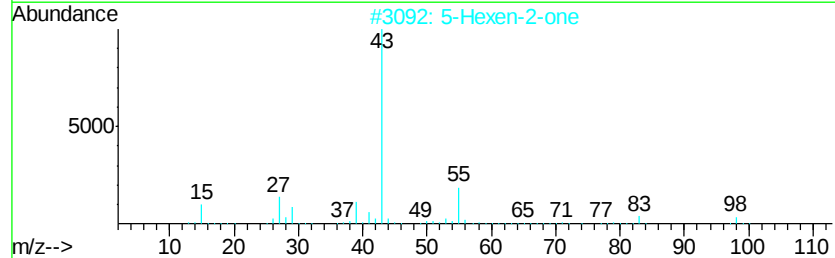
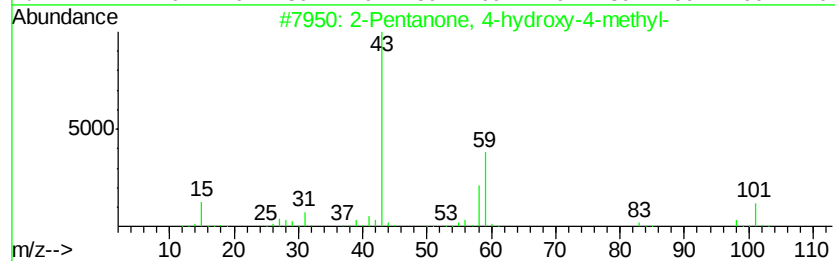
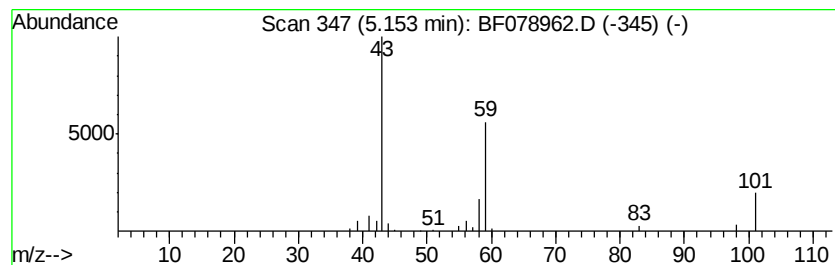
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	3.52 ng	77718	1,4-Dichlorobenzene-d4	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		5-Hexen-2-one	98	C6H10O	000109-49-9	9
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9



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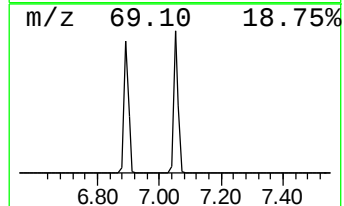
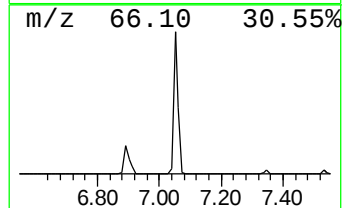
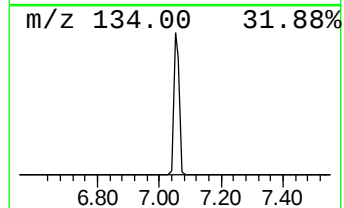
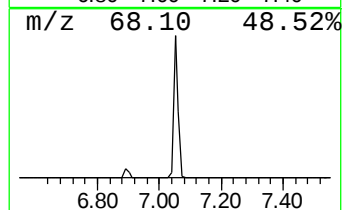
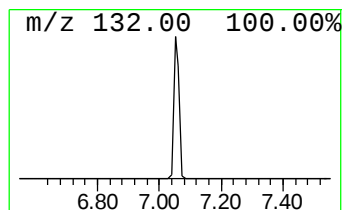
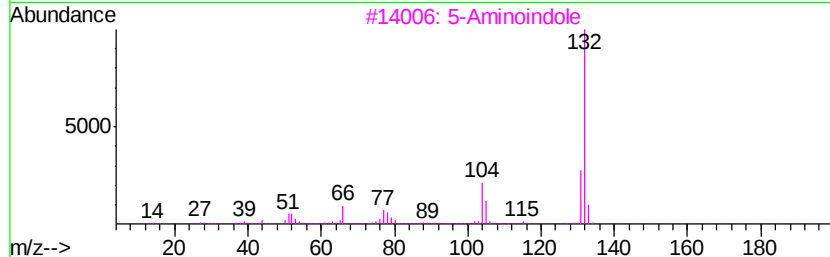
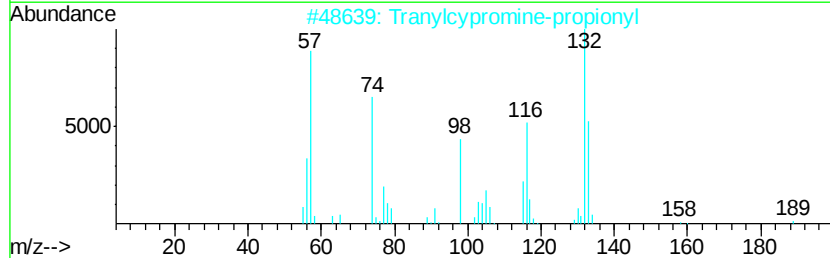
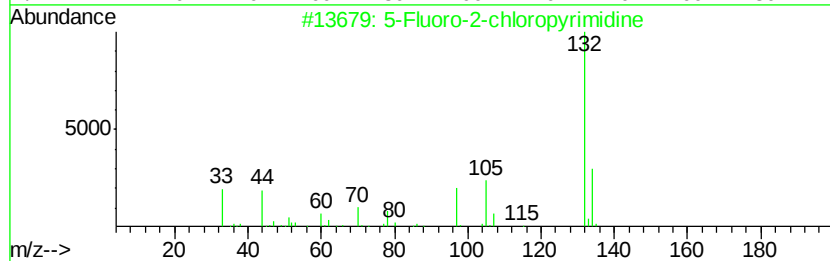
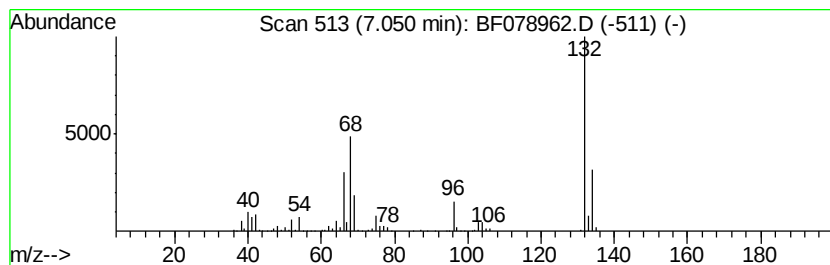
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown7.05 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	34.49 ng	762623	1,4-Dichlorobenzene-d4	7.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		5-Aminoindole	132	C8H8N2	005192-03-0	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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050615\
Data File : BF078962.D
Acq On : 6 May 2015 16:05
Operator : TP/IZ
Sample : G2116-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

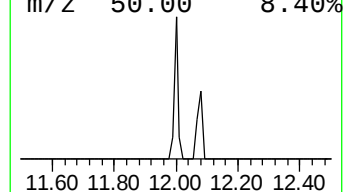
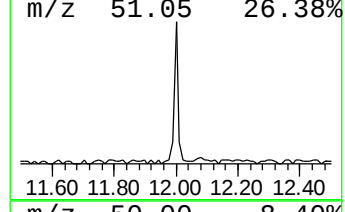
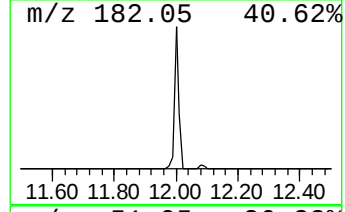
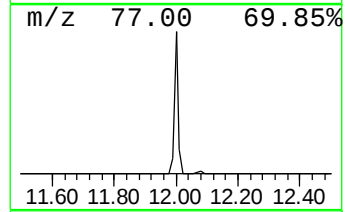
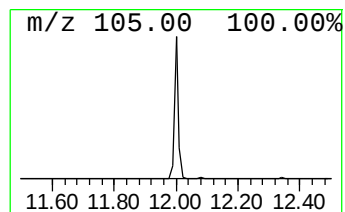
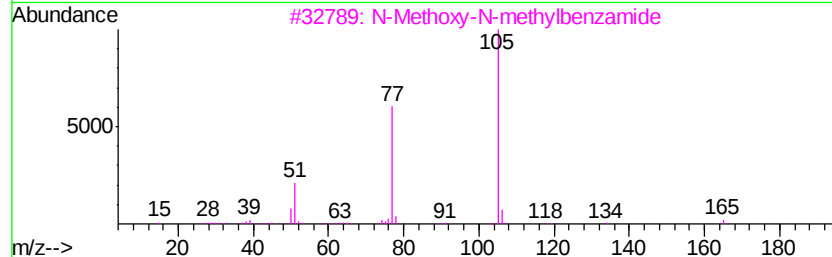
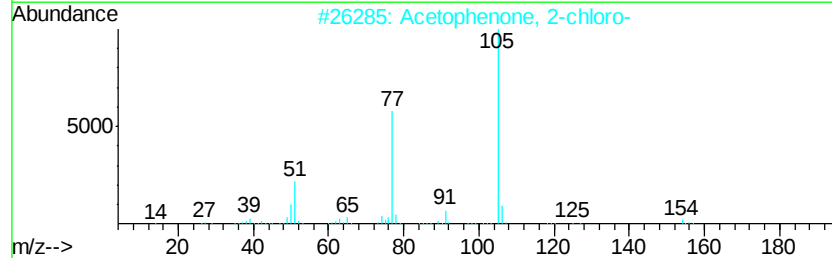
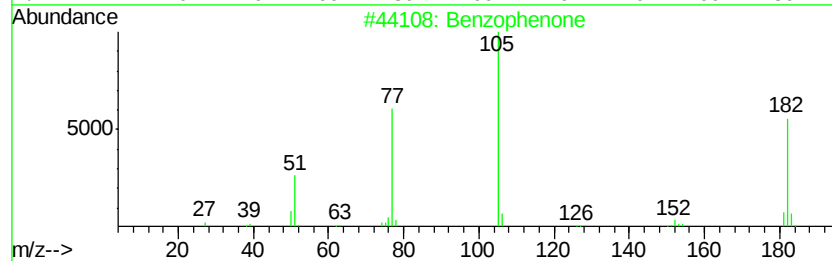
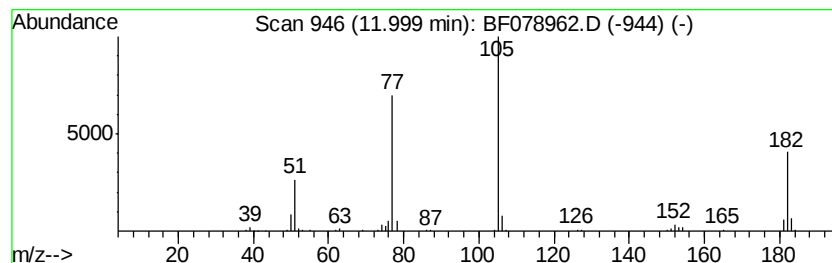
Instrument :
BNA_F
ClientSampleId :
SB-59BS

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.00	4.79 ng	160869	Acenaphthene-d10		11.10
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	49
4	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	47
5	.alpha.,.alpha.-Dichloroacetophe...	188	C8H6Cl2O	002648-61-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078962.D
Acq On : 6 May 2015 16:05
Operator : TP/IZ
Sample : G2116-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-59BS

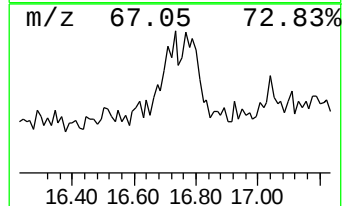
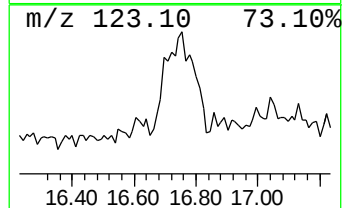
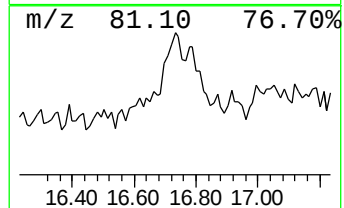
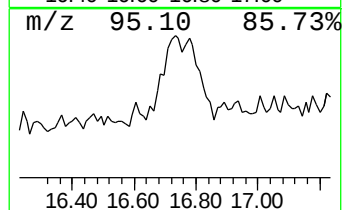
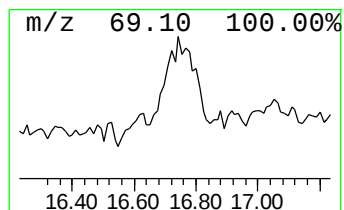
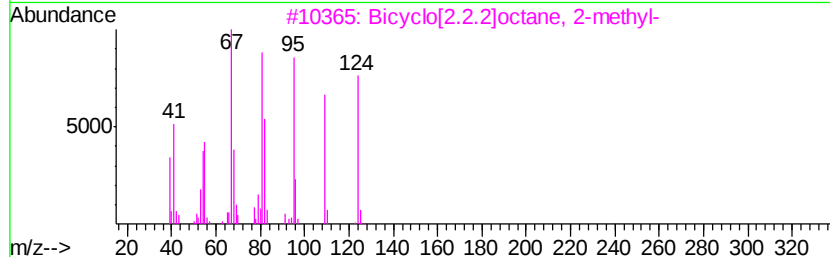
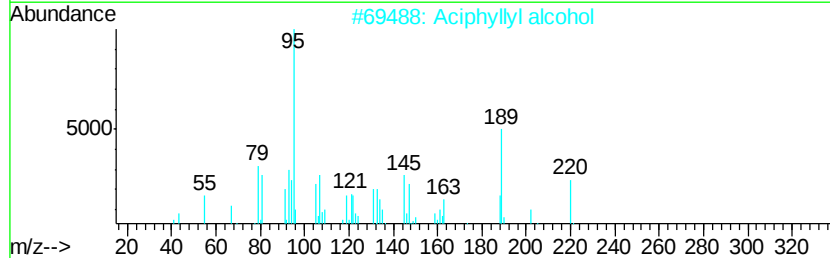
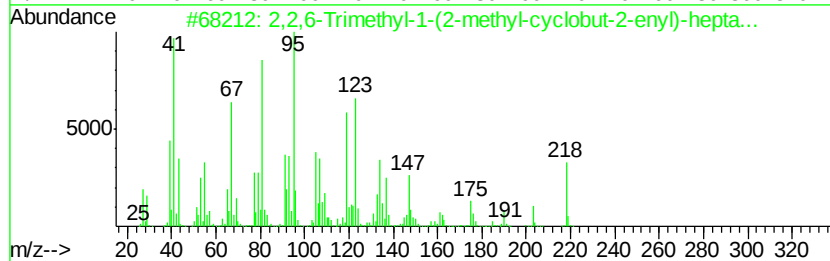
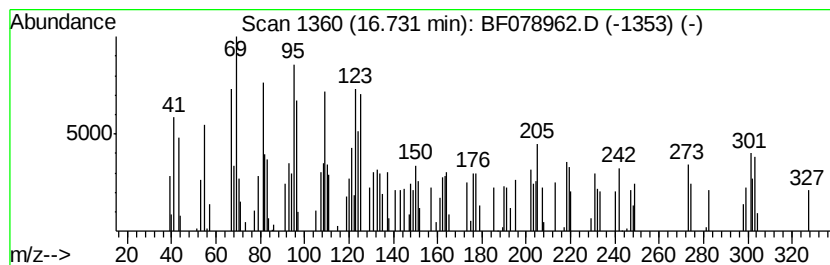
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.73 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	3.26 ng	161198	Chrysene-d12	16.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2,6-Trimethyl-1-(2-methyl-cyclobut-2-enyl)-hepta...	218	C15H22O	1000188-72-8	25
2		Aciphyllol alcohol	220	C15H24O	087745-29-7	25
3		Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	11
4		6-Isopropenyl-4,8a-dimethyl-4a,5...	218	C15H22O	086917-79-5	11
5		1,3-Hexadiene, 3-ethyl-2-methyl-	124	C9H16	074752-97-9	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078962.D
Acq On : 6 May 2015 16:05
Operator : TP/IZ
Sample : G2116-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-59BS

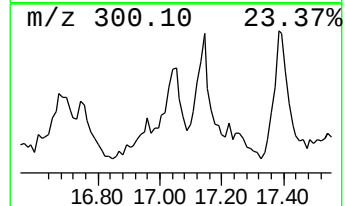
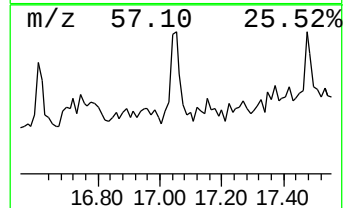
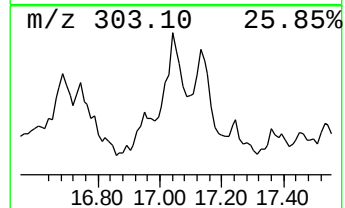
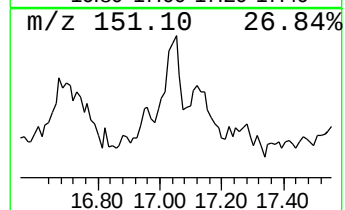
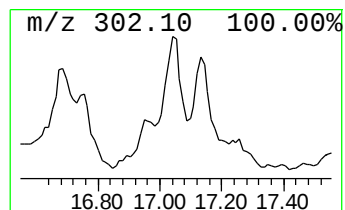
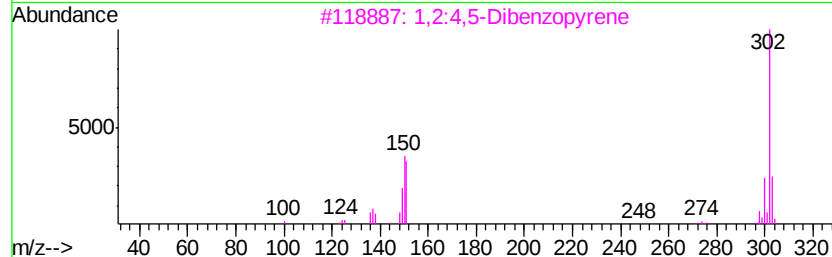
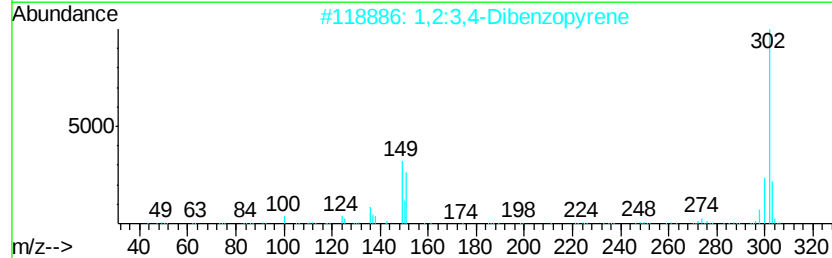
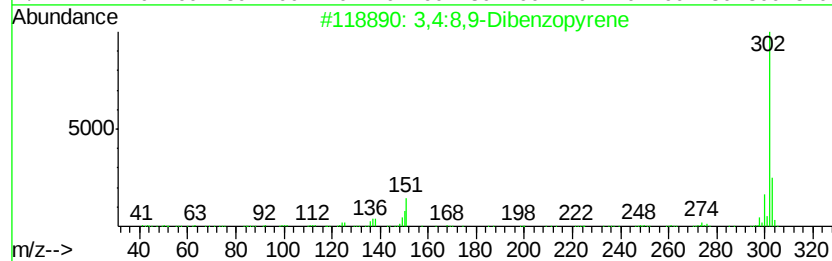
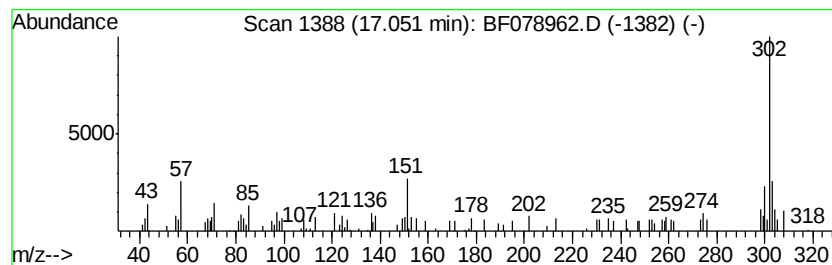
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 3,4:8,9-Dibenzopyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	2.43 ng	120033	Chrysene-d12	16.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	52
2			1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	52
3			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	52
4			Chromium, pentamethylcyclopentad...	302	C19H22Cr	1000158-08-1	50
5			[1,1'-Biphenyl]-3,3'-dicarboxald...	302	C16H14O6	002092-49-1	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050615\
Data File : BF078962.D
Acq On : 6 May 2015 16:05
Operator : TP/IZ
Sample : G2116-03 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-59BS

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Cyclopentane, met...	1.26	45.7	ng	1010160	1	7.35	442179	20.0
unknown1.50	1.50	122.6	ng	2710730	1	7.35	442179	20.0
Butane, 2-methoxy...	1.82	8.5	ng	188920	1	7.35	442179	20.0
2-Pentanone, 4-hy...	5.15	3.5	ng	77718	1	7.35	442179	20.0
unknown7.05	7.05	34.5	ng	762623	1	7.35	442179	20.0
Benzophenone	12.00	4.8	ng	160869	3	11.10	671845	20.0
unknown16.73	16.73	3.3	ng	161198	5	16.30	987614	20.0
3,4:8,9-Dibenzopy...	17.05	2.4	ng	120033	5	16.30	987614	20.0