

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
 Data File : BF123140.D
 Acq On : 5 Feb 2021 17:45
 Operator : JU/CG
 Sample : M1317-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-A

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123140.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	16	rVB	412817	532806	12.29%	1.754%
2	5.510	577	582	585	rBV	4000242	3747198	86.40%	12.333%
3	6.434	735	739	746	rBV3	135626	189442	4.37%	0.624%
4	6.516	748	753	758	rBV	3473694	3945713	90.98%	12.987%
5	6.892	814	817	823	rVB2	1244868	1184795	27.32%	3.900%
6	7.169	862	864	868	rVB2	160841	150533	3.47%	0.495%
7	7.292	879	885	888	rBV3	126650	155223	3.58%	0.511%
8	7.457	908	913	916	rVB	2541706	2387492	55.05%	7.858%
9	7.545	923	928	931	rBV4	165044	226522	5.22%	0.746%
10	7.598	931	937	940	rBV6	75846	173151	3.99%	0.570%
11	7.822	973	975	979	rBV3	165563	158868	3.66%	0.523%
12	8.128	1024	1027	1031	rBV3	176595	217250	5.01%	0.715%
13	8.181	1031	1036	1042	rVV	1548004	1677507	38.68%	5.521%
14	8.239	1042	1046	1048	rVB3	265584	283754	6.54%	0.934%
15	8.357	1063	1066	1069	rBV2	175758	167422	3.86%	0.551%
16	8.416	1073	1076	1079	rBV2	180443	220530	5.08%	0.726%
17	8.475	1084	1086	1089	rVV3	259219	246864	5.69%	0.813%
18	8.534	1093	1096	1098	rBV3	195184	187916	4.33%	0.618%
19	8.569	1098	1102	1104	rBV3	284347	352389	8.13%	1.160%
20	8.604	1105	1108	1110	rVV3	295246	307701	7.09%	1.013%
21	8.628	1110	1112	1113	rVV2	349067	275538	6.35%	0.907%
22	8.645	1113	1115	1119	rVB2	433697	419887	9.68%	1.382%
23	8.692	1120	1123	1124	rBV	192321	187953	4.33%	0.619%
24	8.810	1140	1143	1145	rBV3	327658	398518	9.19%	1.312%
25	8.934	1161	1164	1166	rBV3	497607	428789	9.89%	1.411%
26	8.963	1166	1169	1171	rBV2	390306	461728	10.65%	1.520%
27	8.992	1172	1174	1176	rBV3	341824	334437	7.71%	1.101%
28	9.028	1178	1180	1182	rVB	406621	282450	6.51%	0.930%
29	9.069	1184	1187	1190	rBV4	446989	644835	14.87%	2.122%
30	9.145	1198	1200	1203	rBV3	442594	483465	11.15%	1.591%
31	9.186	1204	1207	1209	rVV3	828049	854898	19.71%	2.814%
32	9.210	1209	1211	1215	rVV3	703620	945442	21.80%	3.112%
33	9.263	1216	1220	1224	rVV	4096114	4336995	100.00%	14.274%
34	9.345	1231	1234	1241	rBV3	1373509	2873721	66.26%	9.458%
35	15.598	2294	2297	2301	rVB	822853	941298	21.70%	3.098%

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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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

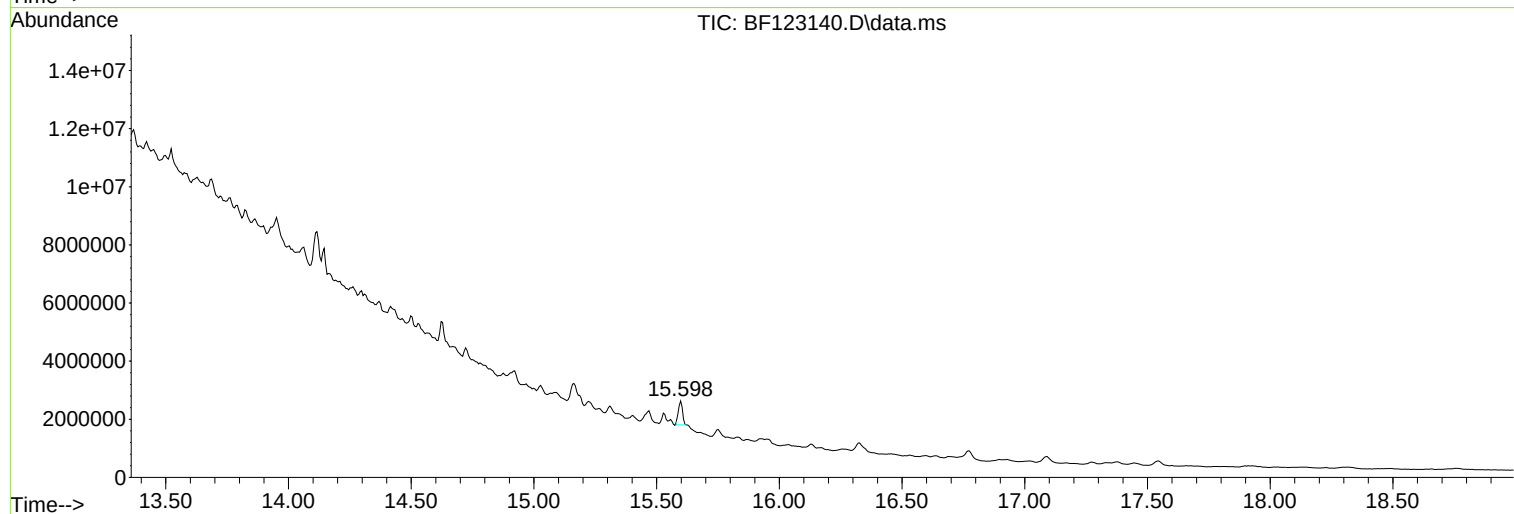
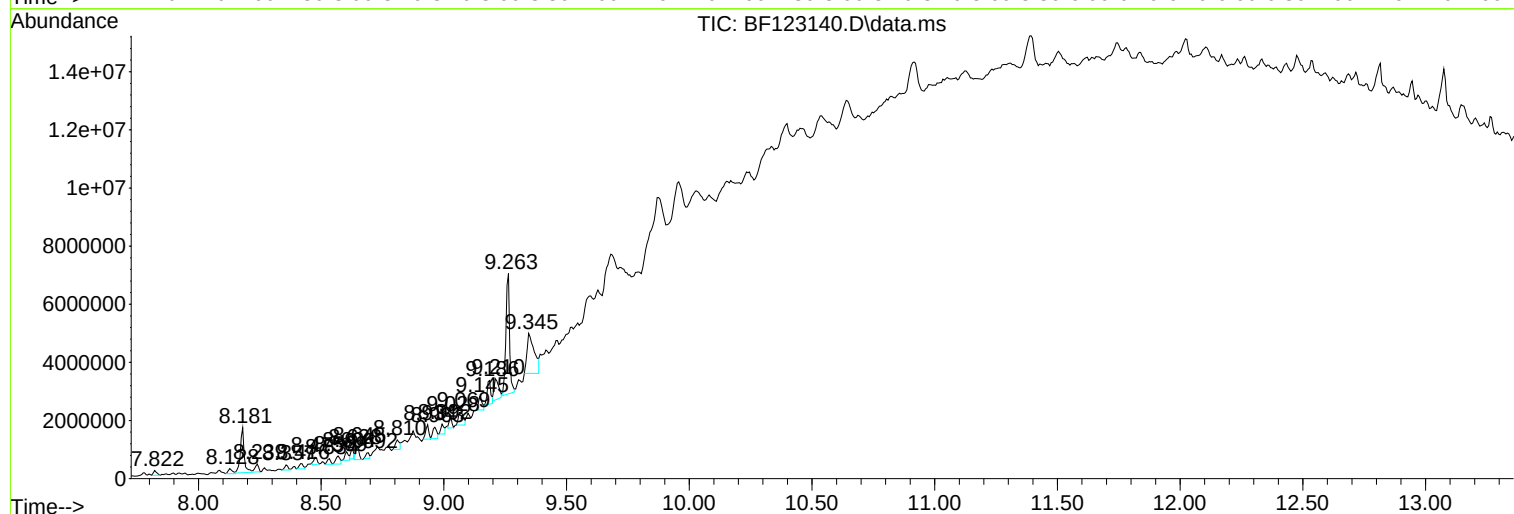
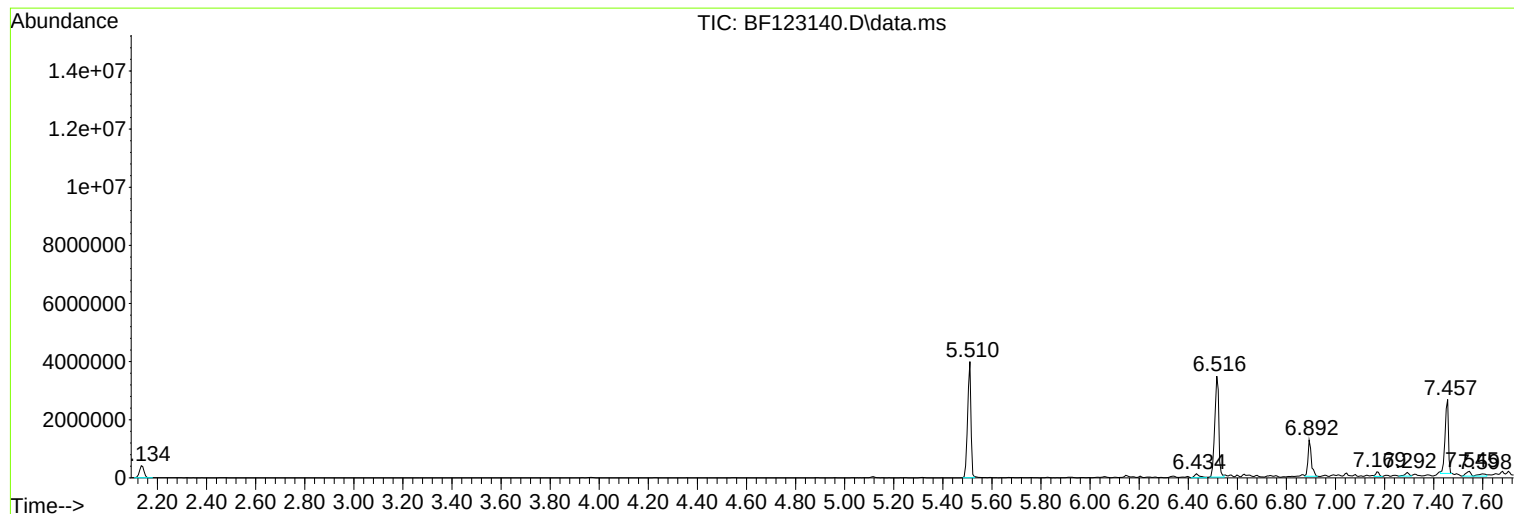
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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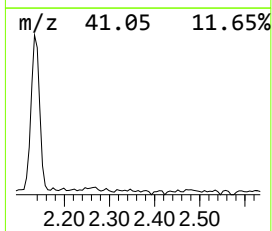
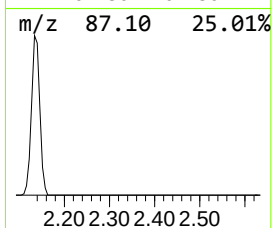
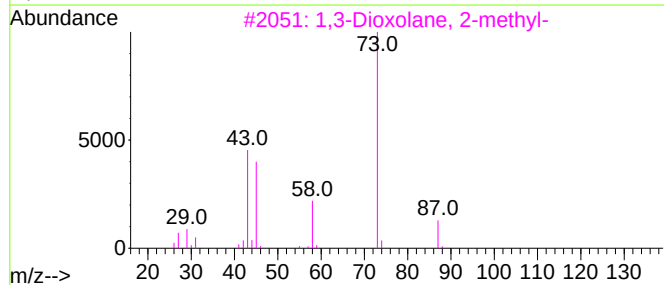
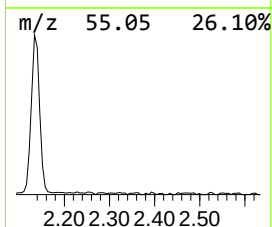
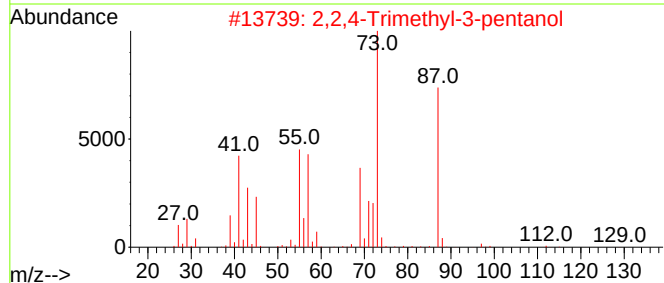
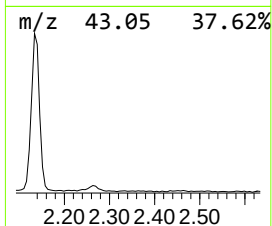
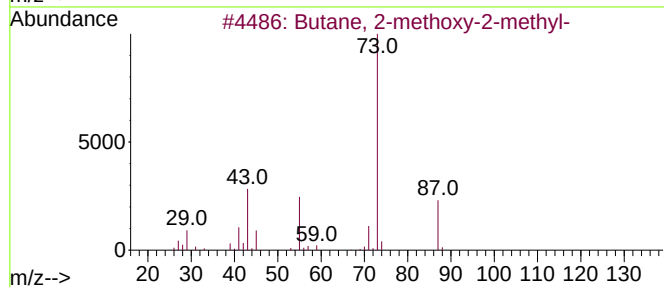
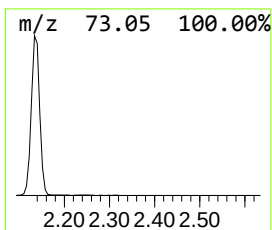
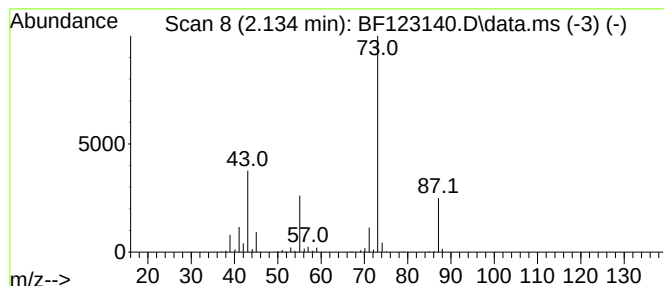
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	8.99 ng	532806	1,4-Dichlorobenzene-d4	6.892

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
R-A

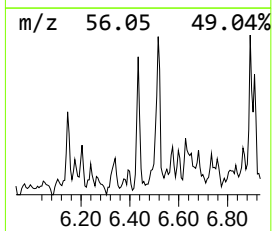
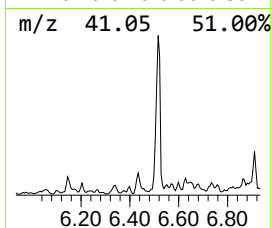
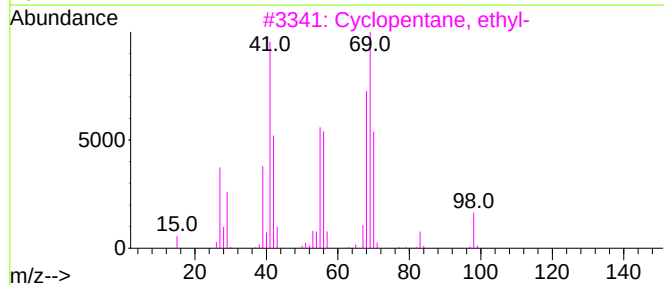
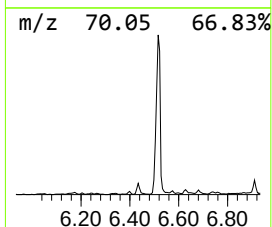
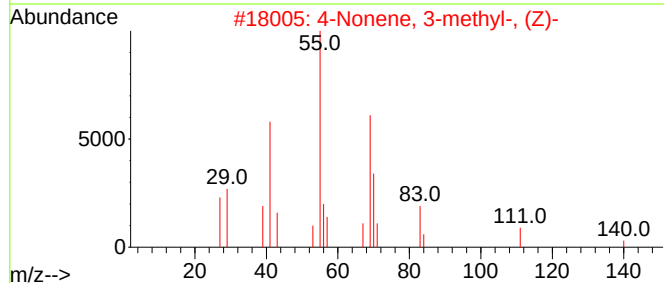
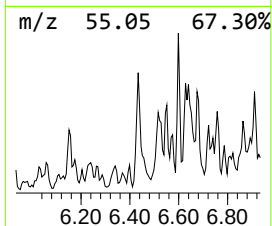
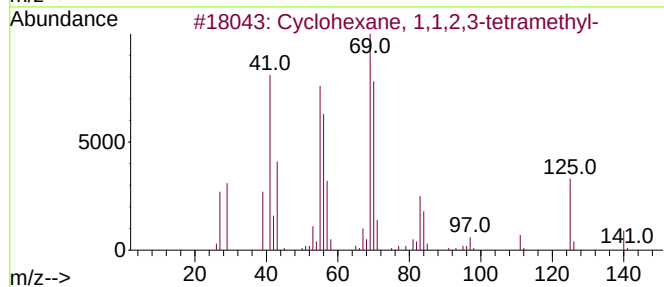
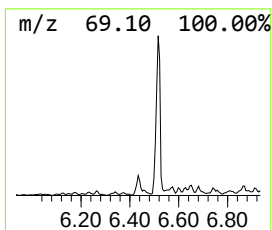
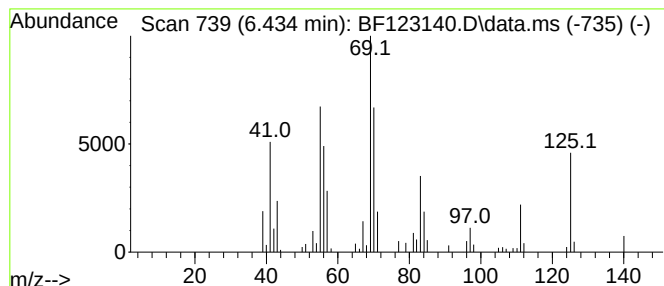
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.434	3.20 ng	189442	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	87
2			4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	72
3			Cyclopentane, ethyl-	98	C7H14	001640-89-7	47
4			2-Methyl-2-octene	126	C9H18	016993-86-5	46
5			3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	43



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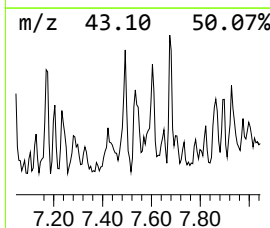
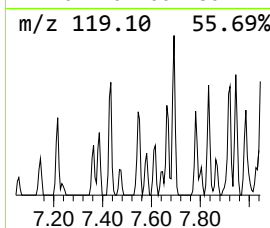
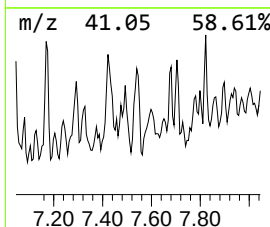
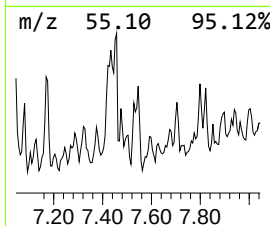
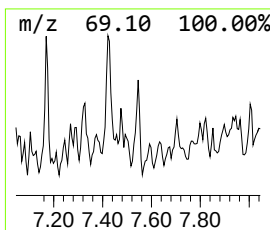
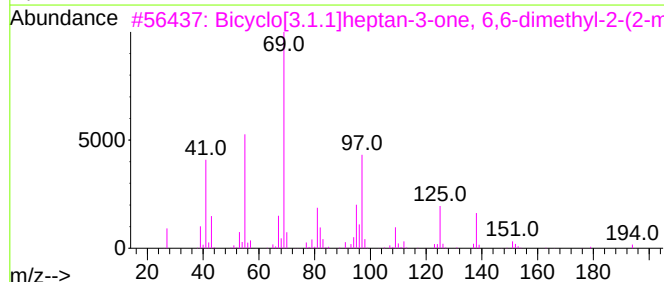
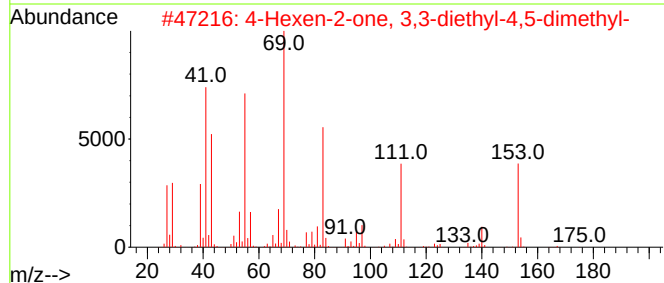
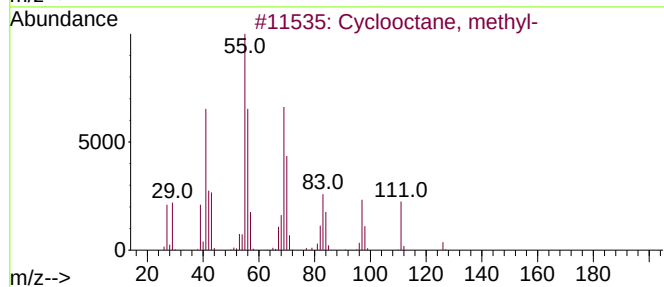
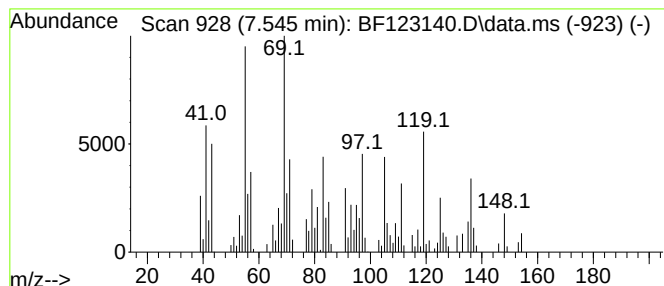
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.54 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.545	2.70 ng	226522	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, methyl-	126	C9H18	001502-38-1	38
2			4-Hexen-2-one, 3,3-diethyl-4,5-d...	182	C12H22O	1000149-30-4	35
3			Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	35
4			Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	25
5			Hexanenitrile, 5-methyl-	111	C7H13N	019424-34-1	22



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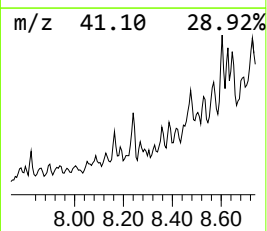
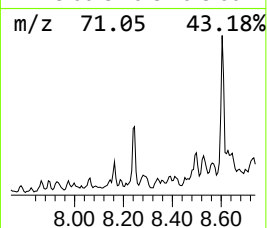
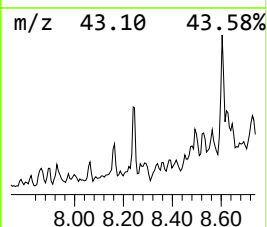
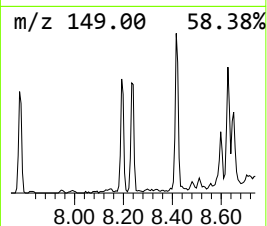
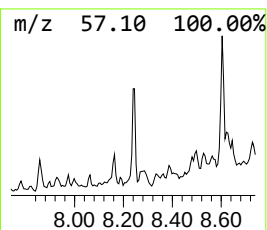
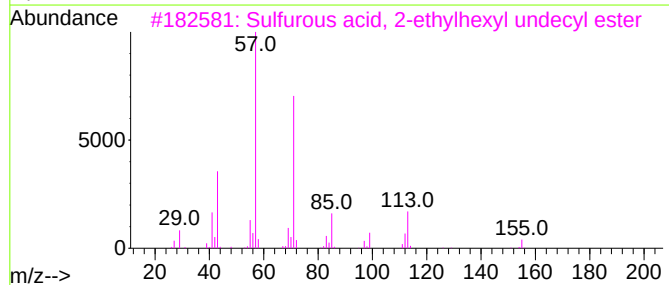
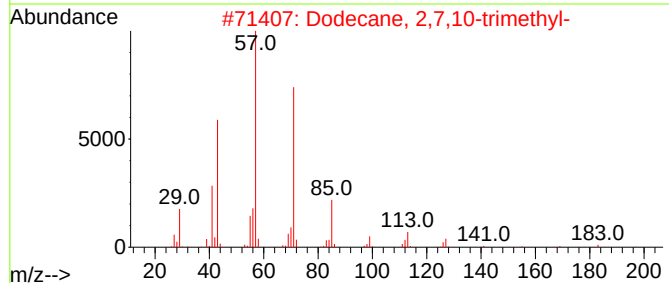
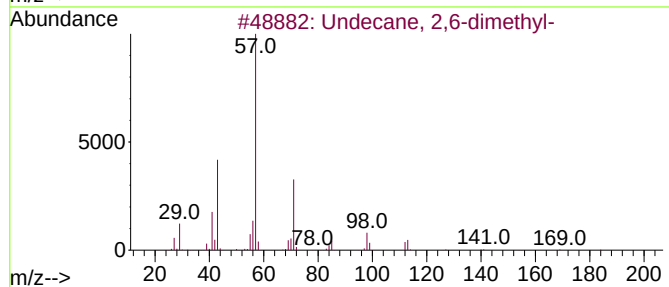
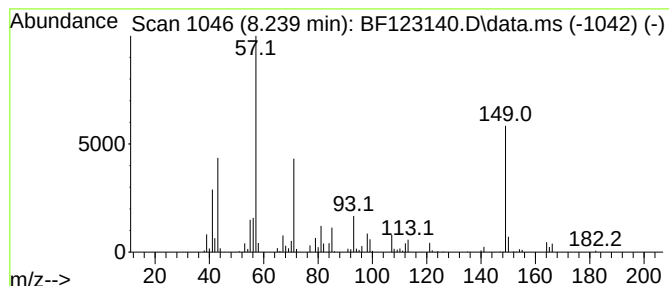
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown8.23 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.239	3.38 ng	283754	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43
3			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	43
4			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	43
5			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	38



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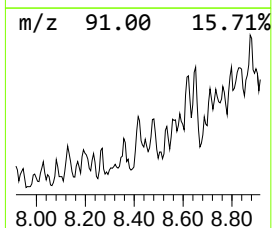
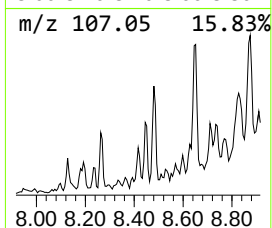
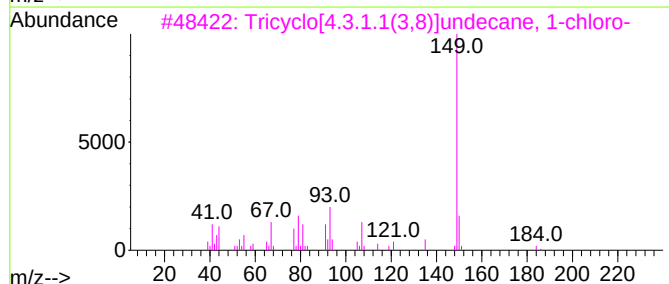
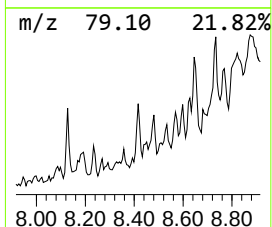
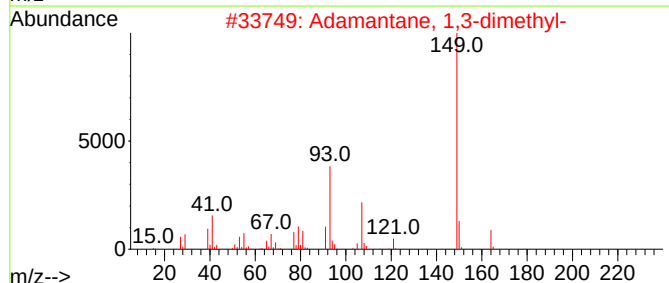
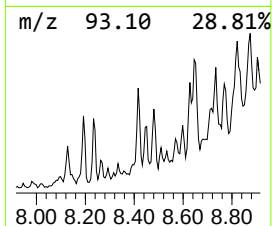
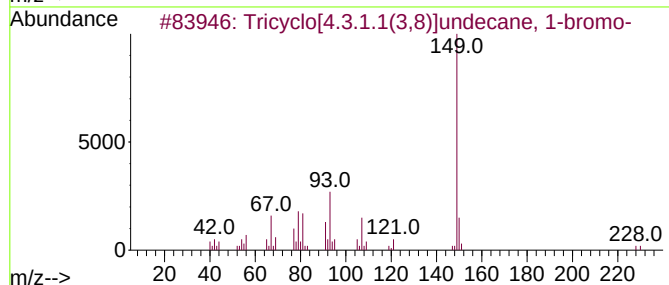
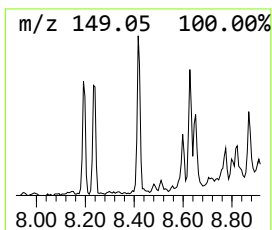
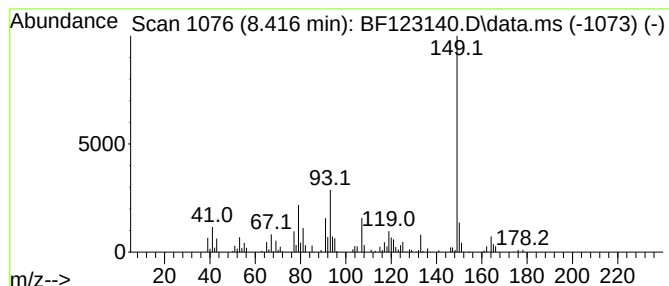
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tricyclo[4.3.1.1(3,8)]undec... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.416	2.63 ng	220530	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	80
2			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	68
3			Tricyclo[4.3.1.1(3,8)]undecane, ...	184	C11H17Cl	027011-46-7	59
4			Pyridine, pentamethyl-	149	C10H15N	003748-83-2	50
5			Benzene, 1-butyl-4-methoxy-	164	C11H16O	018272-84-9	47



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Data File : BF123140.D
Acq On : 5 Feb 2021 17:45
Operator : JU/CG
Sample : M1317-01
Misc :
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ClientSampled :
R-A

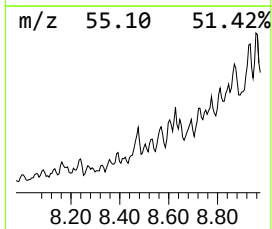
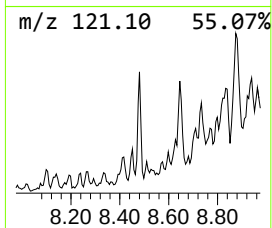
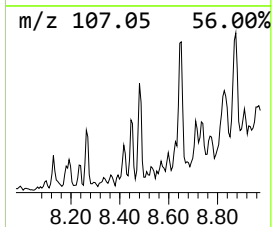
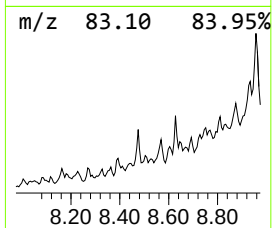
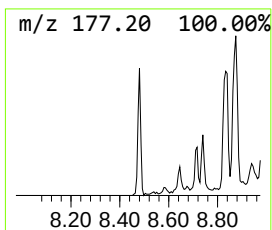
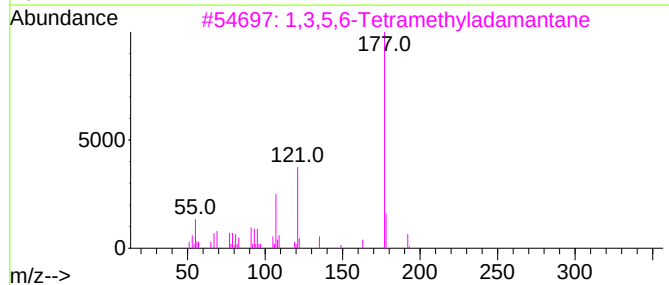
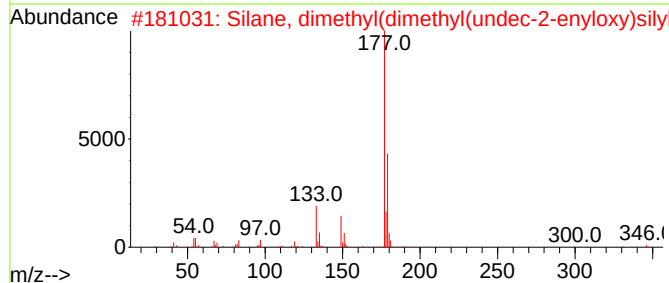
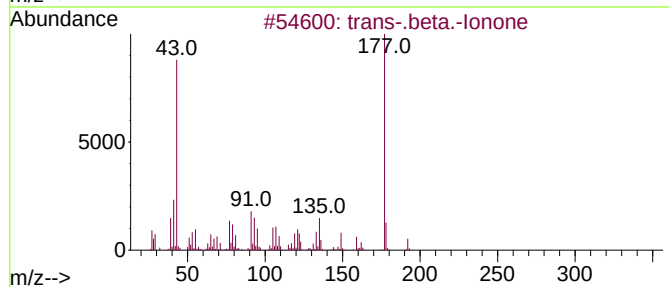
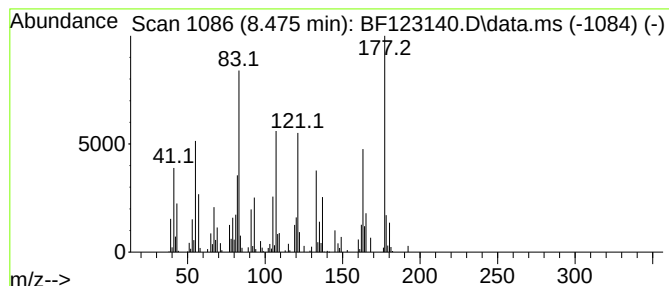
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.47 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.475	2.94 ng	246864	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-.beta.-Ionone	192	C13H20O	000079-77-6	27
2			Silane, dimethyl(dimethyl(undec-...)	346	C17H38O3Si2	1000347-94-8	22
3			1,3,5,6-Tetramethyladamantane	192	C14H24	034694-70-7	22
4			Formamide, N-(p-methoxy-trans-st...	177	C10H11NO2	002501-37-3	14
5			4(1H)-Pteridinone, 2-amino-7-met...	177	C7H7N5O	013040-58-9	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
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ClientSampled :
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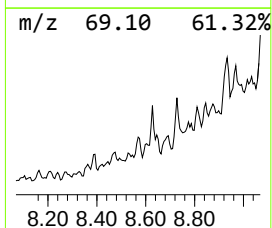
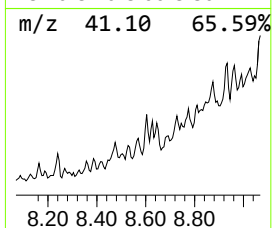
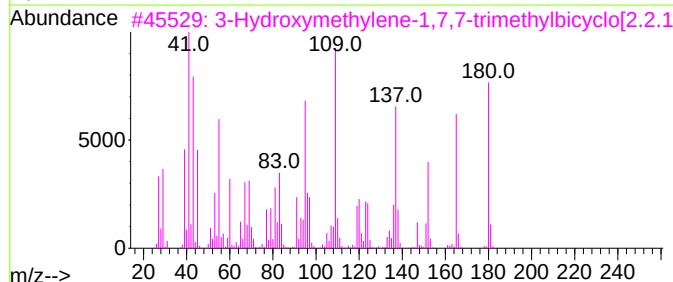
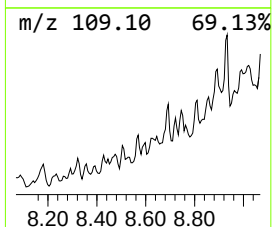
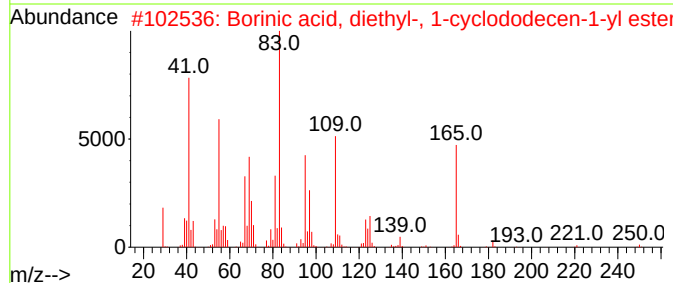
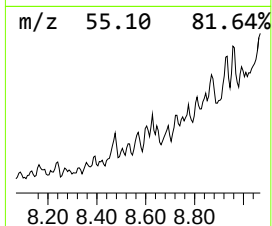
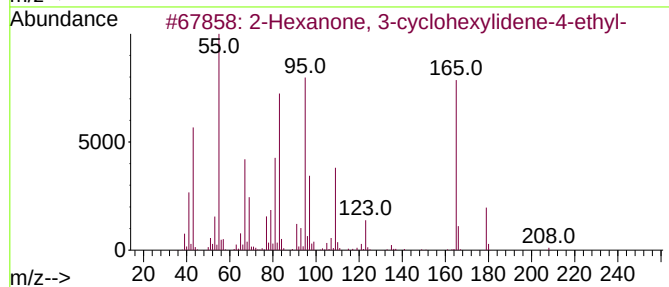
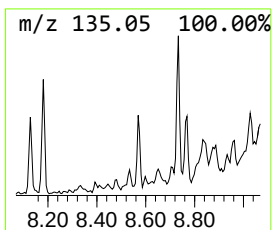
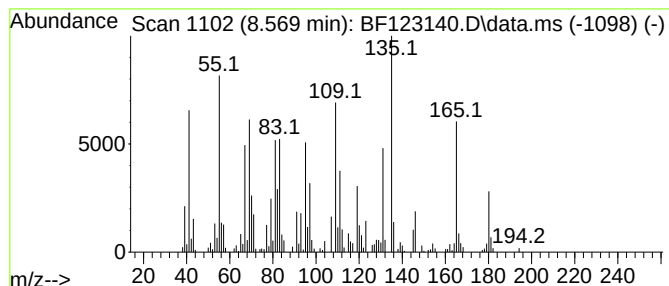
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.56 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.569	4.20 ng	352389	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 3-cyclohexylidene-4-...	208	C14H24O	1000150-19-2	35		
2	Borinic acid, diethyl-, 1-cyclod...	250	C16H31BO	061142-73-2	30		
3	3-Hydroxymethylene-1,7,7-trimeth...	180	C11H16O2	015051-75-9	14		
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	180	C12H20O	151226-45-8	14		
5	4-Methoxybenzhydrazide	166	C8H10N2O2	003290-99-1	11		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123140.D
Acq On : 5 Feb 2021 17:45
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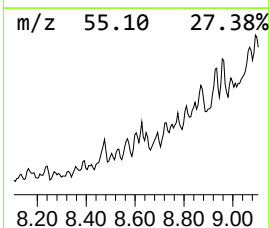
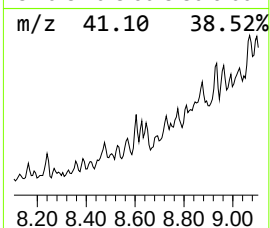
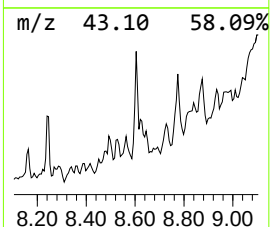
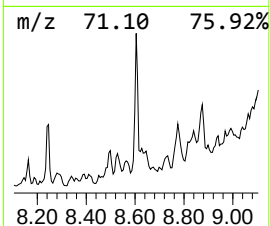
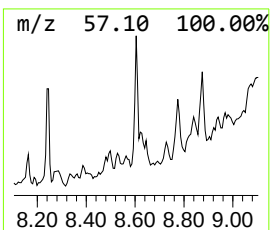
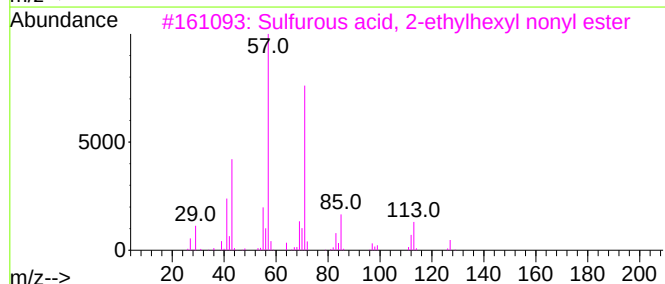
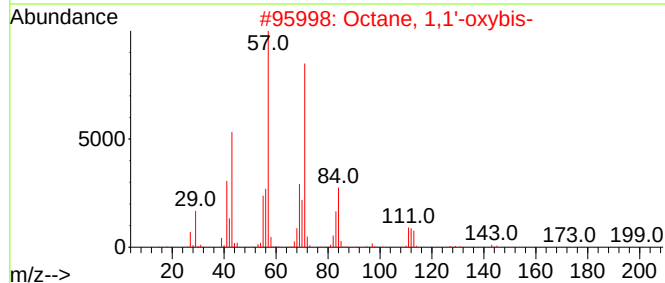
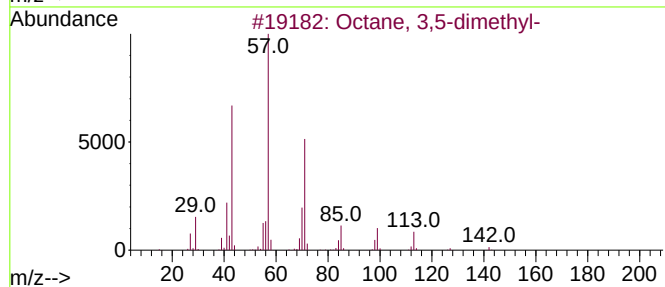
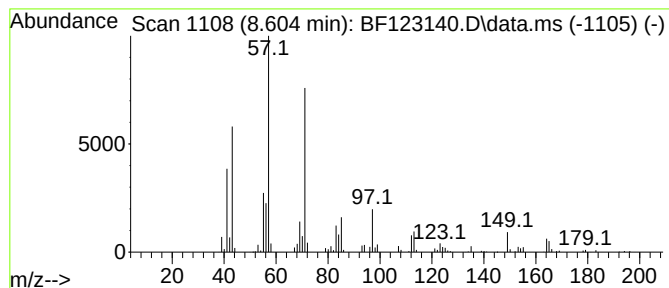
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octane, 3,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.604	3.67 ng	307701	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53
2			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	53
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	52
4			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	50
5			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123140.D
Acq On : 5 Feb 2021 17:45
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Instrument :
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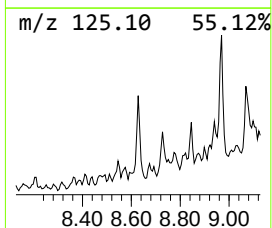
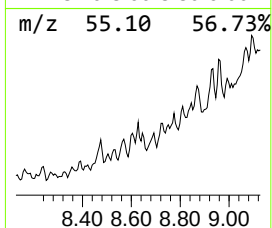
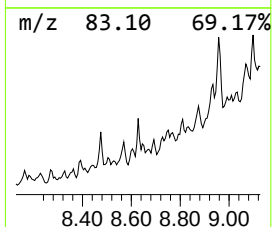
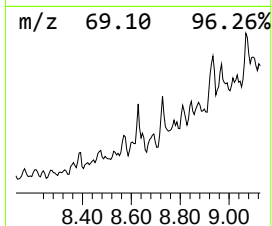
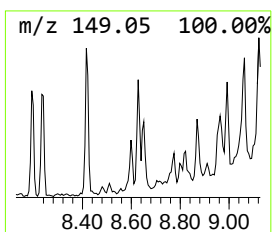
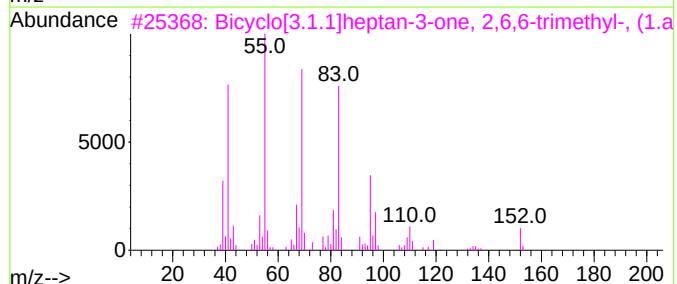
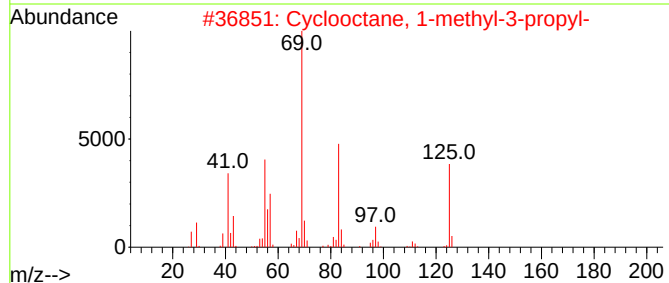
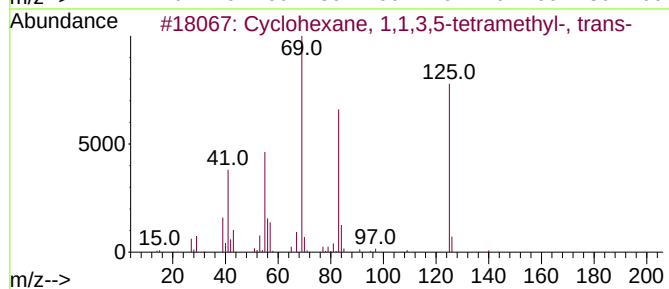
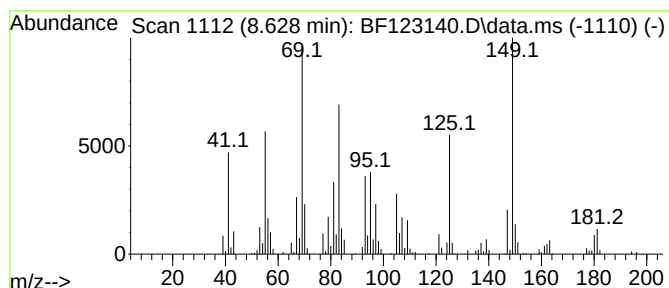
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.62 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.628	3.29 ng	275538	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
2			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	38
3			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	35
4			Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	30
5			Cyclohexane, 1,1,4,4-tetramethyl-	140	C10H20	002223-52-1	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123140.D
Acq On : 5 Feb 2021 17:45
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Misc :
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Instrument :
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ClientSampled :
R-A

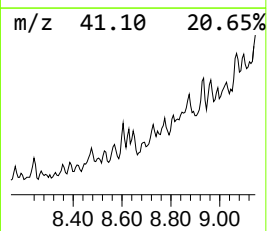
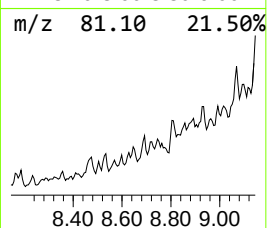
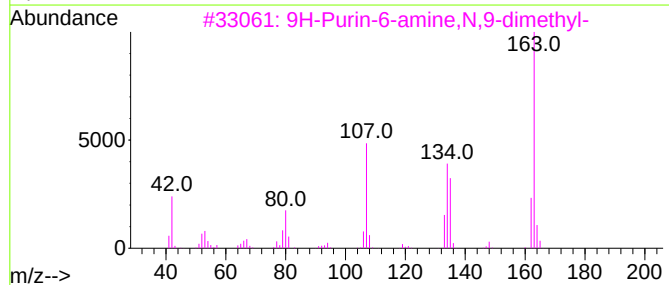
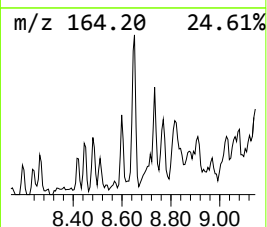
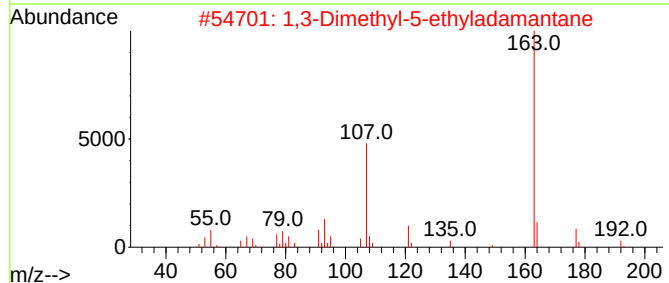
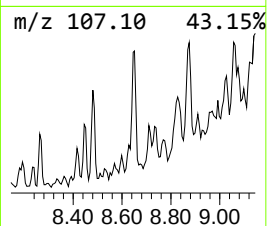
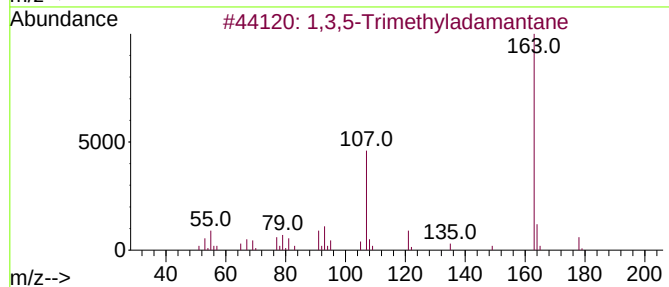
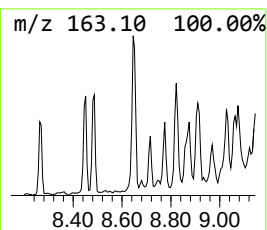
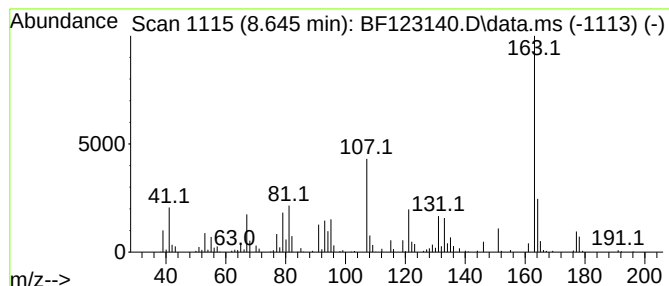
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1,3,5-Trimethyladamantane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.645	5.01 ng	419887	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	58
2			1,3-Dimethyl-5-ethyladamantane	192	C14H24	001687-35-0	53
3			9H-Purin-6-amine,N,9-dimethyl-	163	C7H9N5	002009-52-1	50
4			2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	46
5			1,4-Methanophthalazine, 1,4,4a,5...	206	C13H22N2	109746-14-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
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ClientSampleId :
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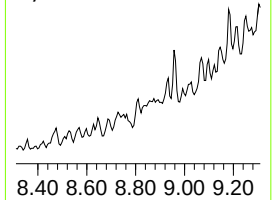
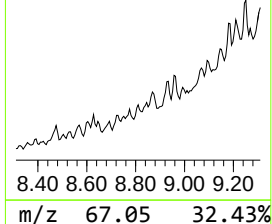
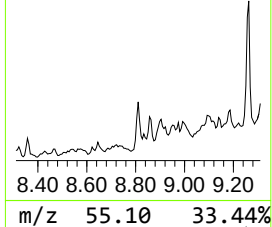
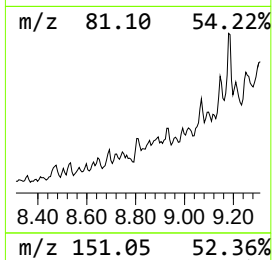
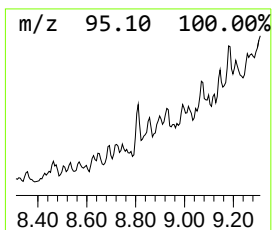
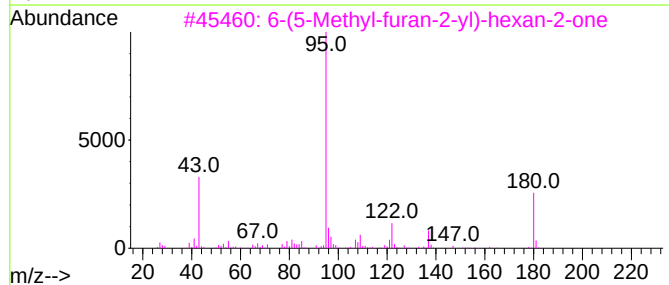
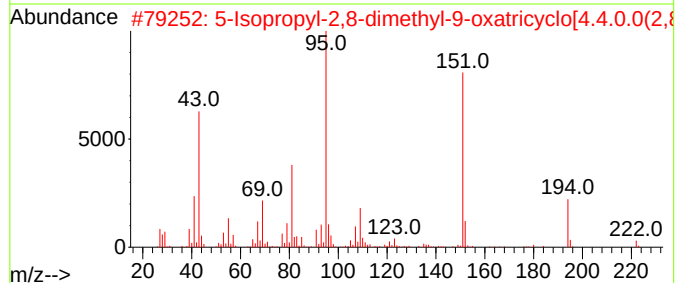
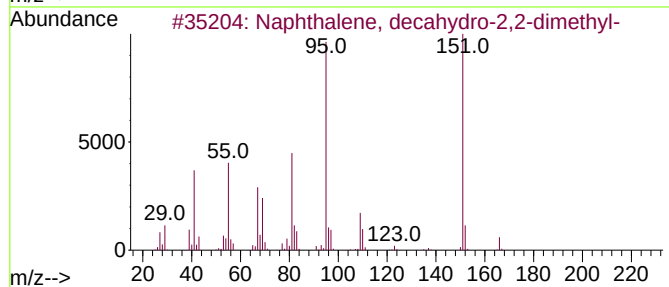
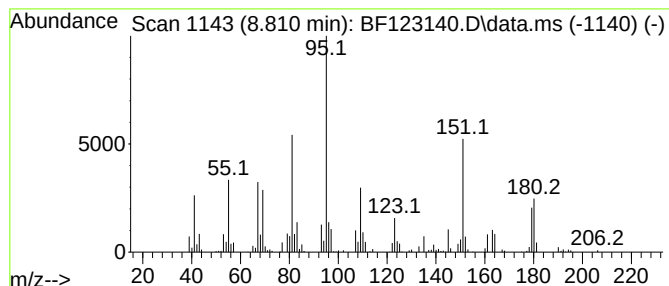
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown8.81 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.810	4.75 ng	398518	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2,2-dimet...	166	C12H22	031124-85-3	47
2			5-Isopropyl-2,8-dimethyl-9-oxatr...	222	C14H22O2	1000185-23-8	43
3			6-(5-Methyl-furan-2-yl)-hexan-2-one	180	C11H16O2	1000185-87-5	38
4			(+)-2-Bornanone	152	C10H16O	000464-49-3	35
5			Camphor	152	C10H16O	000076-22-2	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123140.D
Acq On : 5 Feb 2021 17:45
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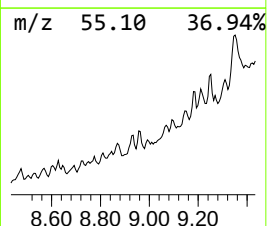
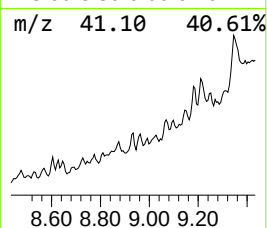
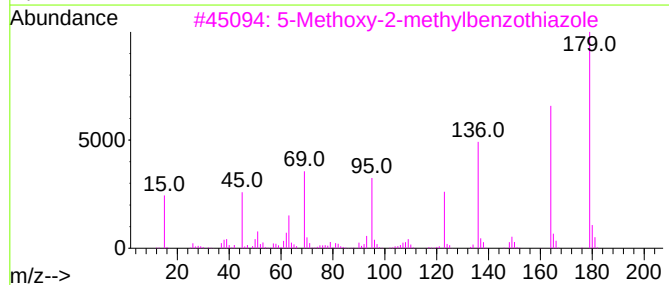
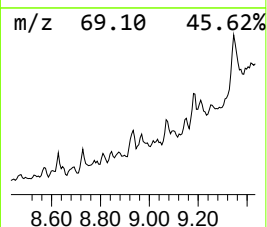
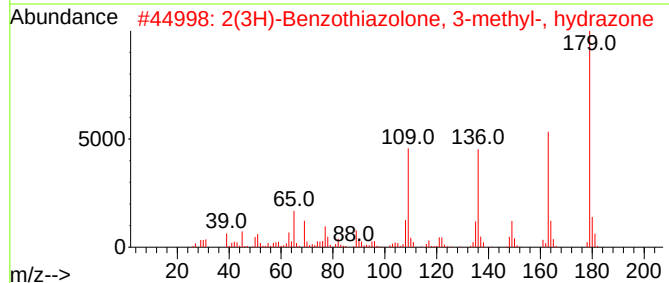
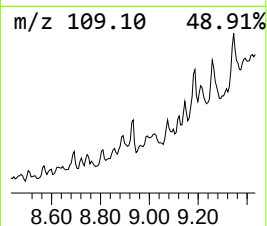
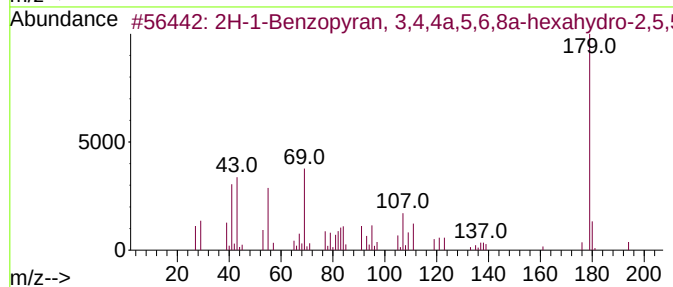
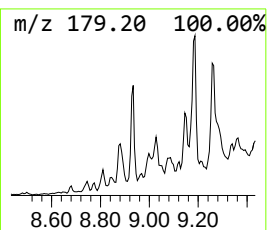
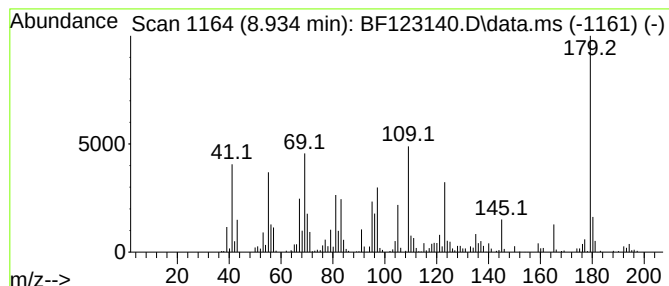
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown8.93 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.934	5.11 ng	428789	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2H-1-Benzopyran, 3,4,4a,5,6,8a-h...	194	C13H22O	041678-32-4	45
2			2(3H)-Benzothiazolone, 3-methyl...	179	C8H9N3S	001128-67-2	43
3			5-Methoxy-2-methylbenzothiazole	179	C9H9NOS	1000342-71-0	43
4			DL-2-fluorophenylglycine, N-dime...	238	C12H15FN2O2	1000375-81-1	37
5			1,8(2H,5H)-Isoquinolinedione, 6...	179	C9H9NOS	037704-54-4	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123140.D
Acq On : 5 Feb 2021 17:45
Operator : JU/CG
Sample : M1317-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
R-A

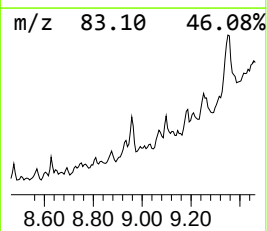
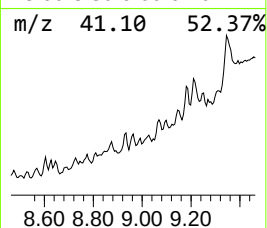
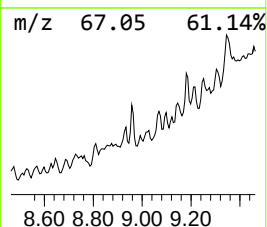
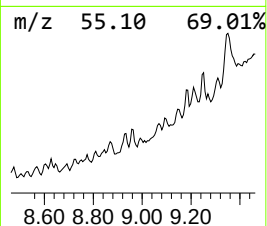
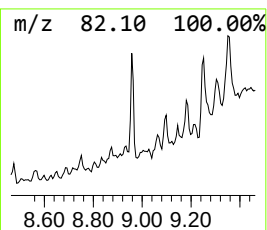
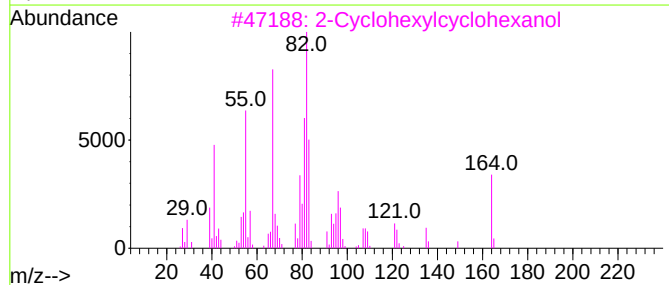
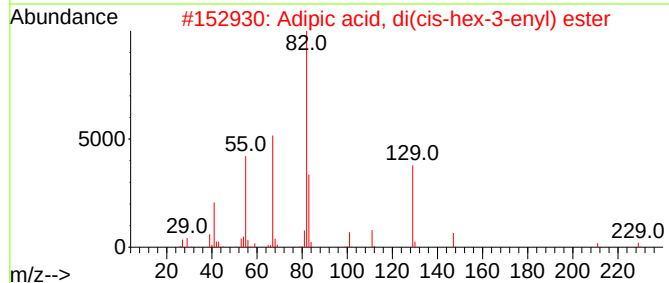
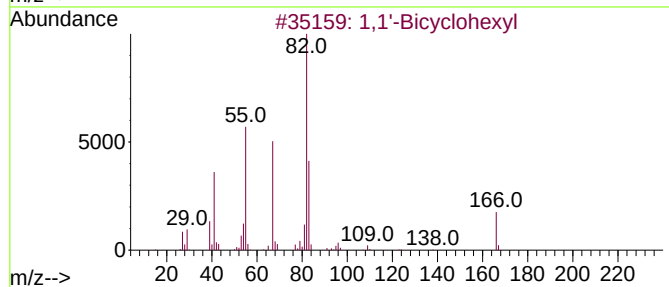
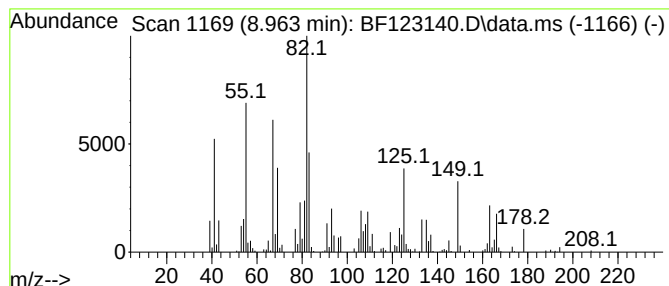
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown8.96 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.963	5.50 ng	461728	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclohexyl			166	C12H22	000092-51-3	49
2	Adipic acid, di(cis-hex-3-enyl) ...			310	C18H30O4	1000353-98-7	43
3	2-Cyclohexylcyclohexanol			182	C12H22O	006531-86-8	43
4	2(3H)-Furanone, 4,5-dihydro-4-(2...			166	C10H14O2	1000153-91-5	37
5	Glutaric acid, monochloride, tra...			232	C11H17ClO3	1000359-93-9	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123140.D
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BNA_F
ClientSampleId :
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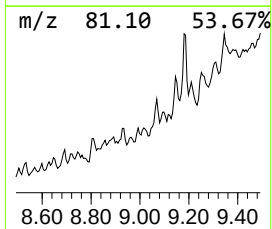
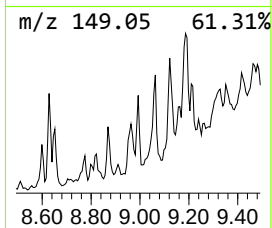
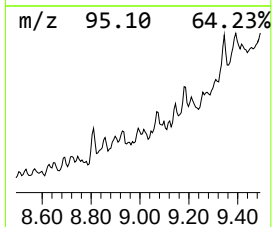
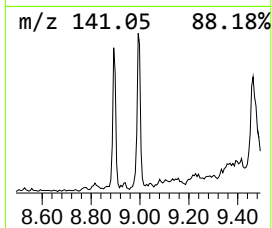
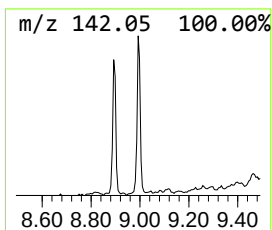
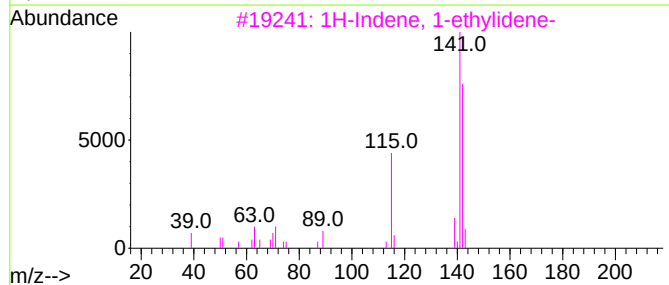
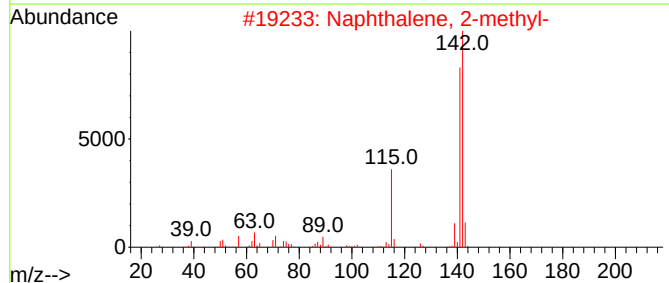
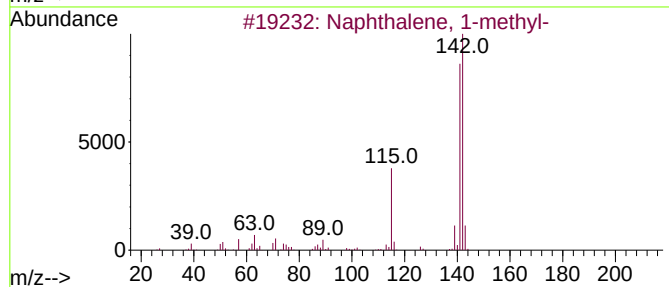
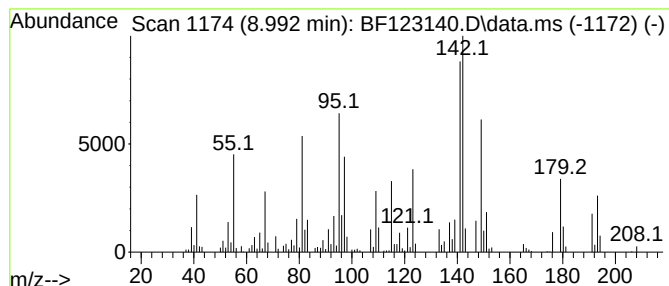
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown8.99 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.992	3.99 ng	334437	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	42
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	42
3			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	42
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	38
5			Benzocycloheptatriene	142	C11H10	000264-09-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123140.D
Acq On : 5 Feb 2021 17:45
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Sample : M1317-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
R-A

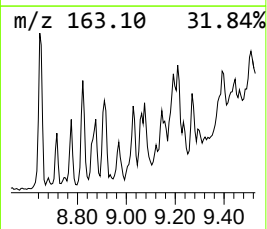
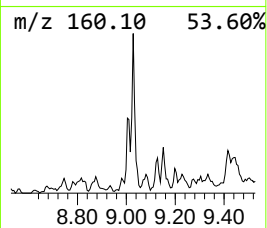
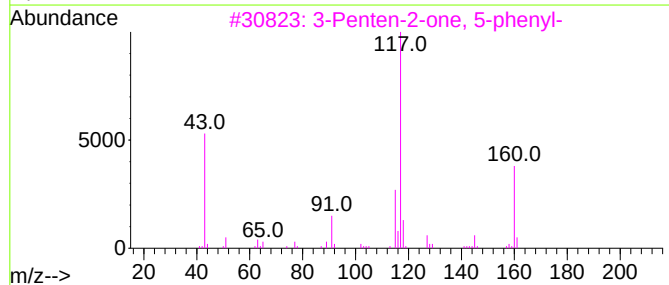
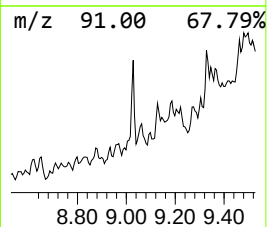
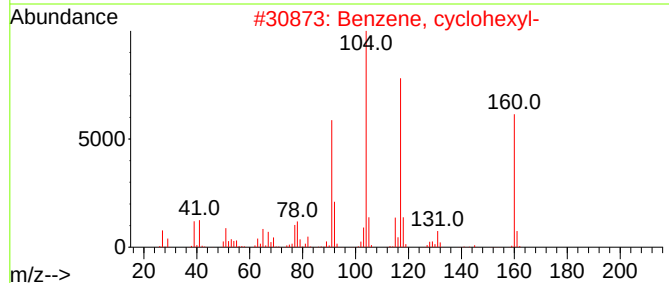
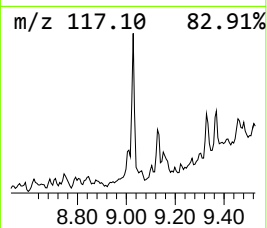
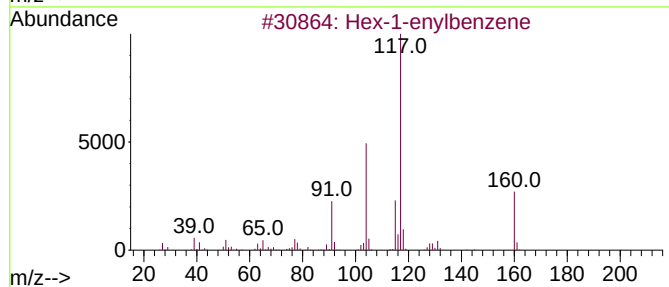
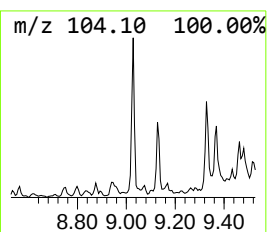
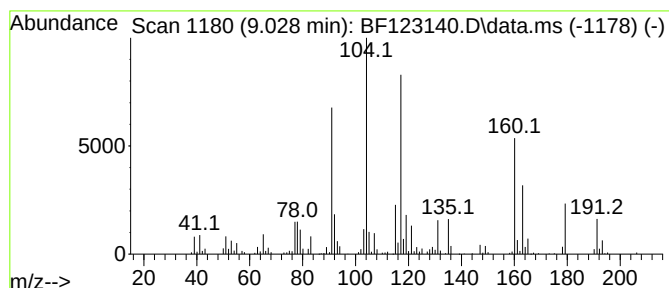
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hex-1-enylbenzene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.028	3.37 ng	282450	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hex-1-enylbenzene	160	C12H16	000828-15-9	62
2			Benzene, cyclohexyl-	160	C12H16	000827-52-1	62
3			3-Penten-2-one, 5-phenyl-	160	C11H12O	010521-97-8	30
4			n-Butyl-.alpha.-bromobenziminium...	319	C11H15Br2N	041182-90-5	27
5			Naphthalene, 1,2,3,4-tetrahydro...	160	C12H16	021564-92-1	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123140.D
Acq On : 5 Feb 2021 17:45
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Sample : M1317-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
R-A

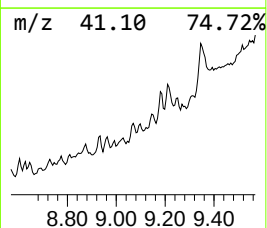
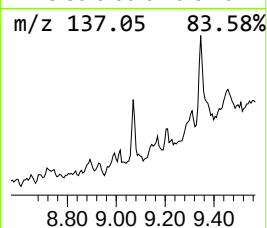
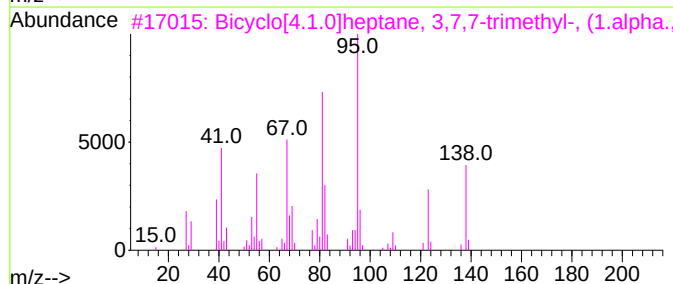
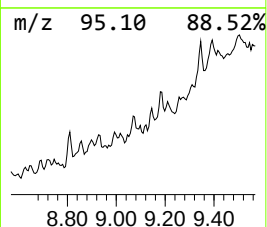
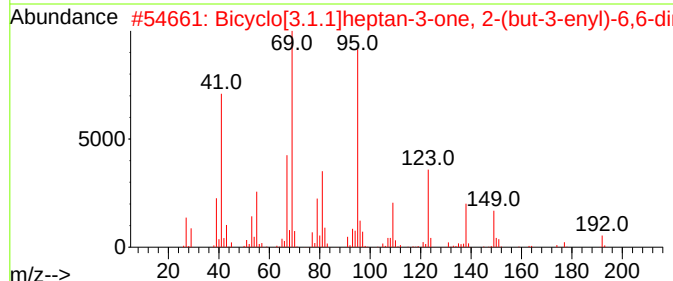
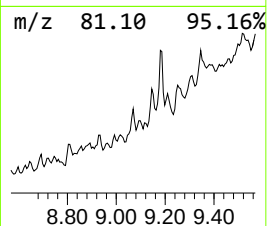
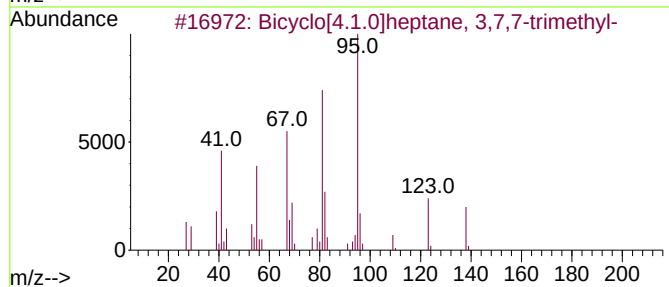
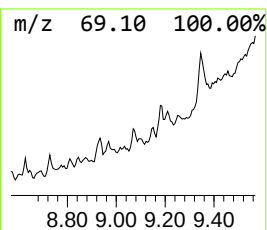
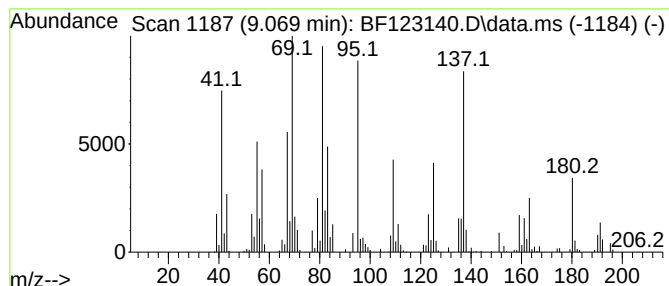
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown9.06 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.069	7.69 ng	644835	Naphthalene-d8	8.181

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	38
2			Bicyclo[3.1.1]heptan-3-one, 2-(b...	192	C13H20O	1000163-96-1	27
3			Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	27
4			2-(2-Hydroxycycloheptyl)-furan	180	C11H16O2	1000145-02-9	22
5			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	18



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
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Acq On : 5 Feb 2021 17:45
Operator : JU/CG
Sample : M1317-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

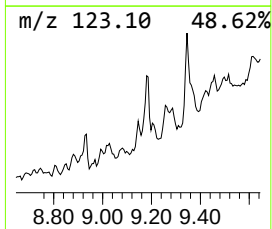
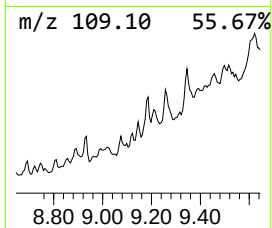
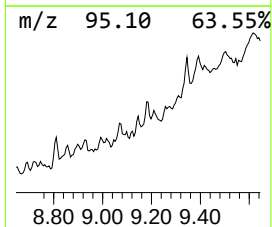
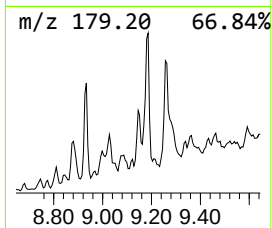
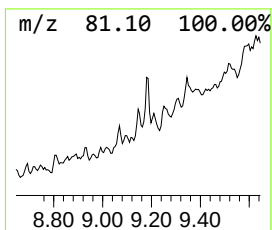
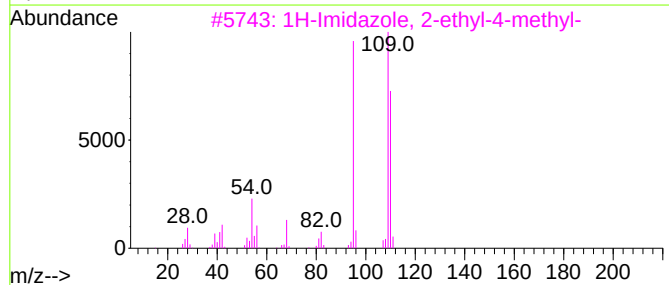
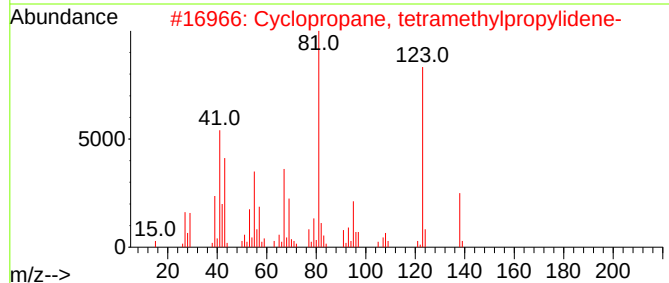
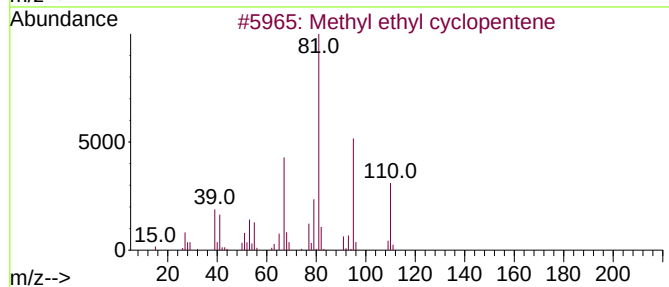
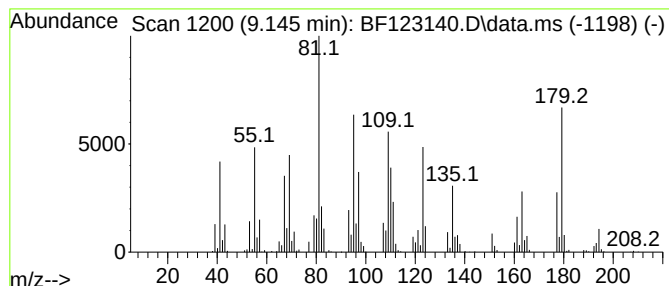
Instrument :
BNA_F
ClientSampled :
R-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown9.14 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.145	3.36 ng	483465	Acenaphthene-d10			9.957
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Methyl ethyl cyclopentene		110	C8H14	019780-56-4	35
2	Cyclopropane, tetramethylpropyli...		138	C10H18	024519-04-8	27
3	1H-Imidazole, 2-ethyl-4-methyl-		110	C6H10N2	000931-36-2	25
4	Cyclohexane, ethylidene-		110	C8H14	001003-64-1	25
5	Cyclohexene, 3-ethyl-		110	C8H14	002808-71-1	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123140.D
Acq On : 5 Feb 2021 17:45
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Sample : M1317-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampled :
R-A

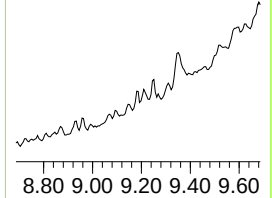
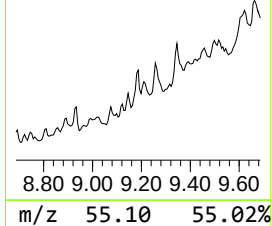
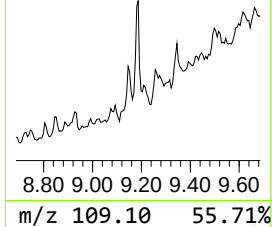
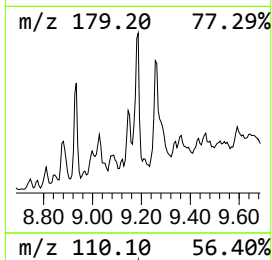
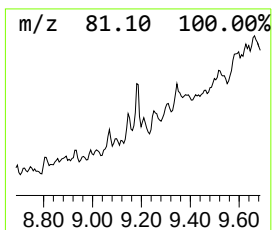
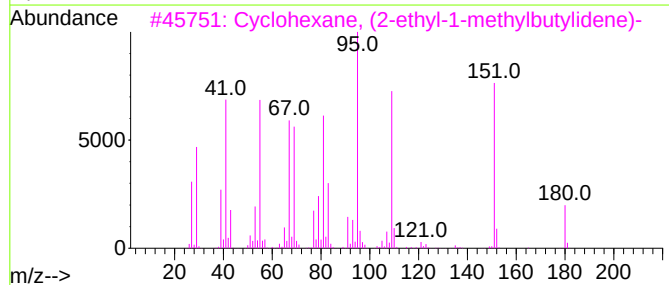
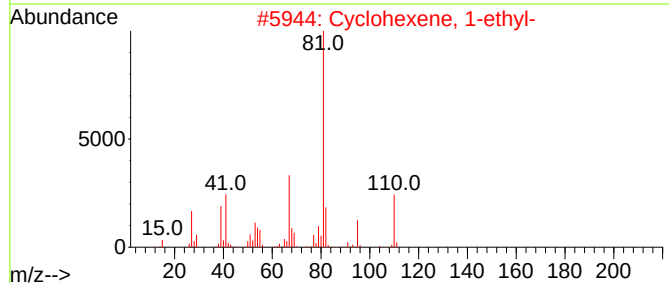
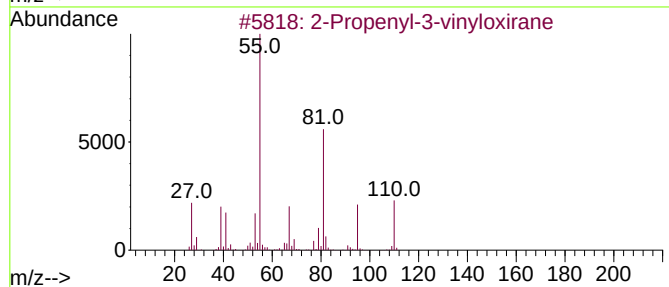
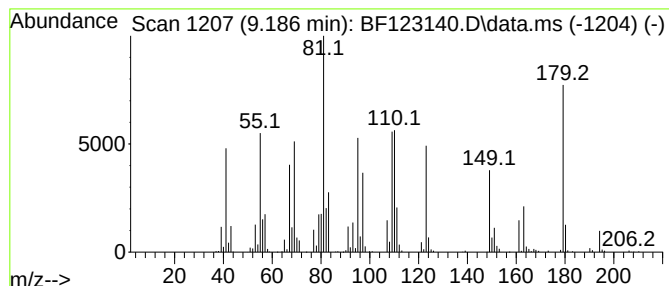
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown9.18 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.186	5.95 ng	854898	Acenaphthene-d10	9.957

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Propenyl-3-vinyloxirane	110	C7H10O	070597-49-8	27
2		Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	25
3		Cyclohexane, (2-ethyl-1-methylbu...	180	C13H24	074810-41-6	25
4		Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	25
5		4-Ethylcyclohexene	110	C8H14	003742-42-5	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123140.D
Acq On : 5 Feb 2021 17:45
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Sample : M1317-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
R-A

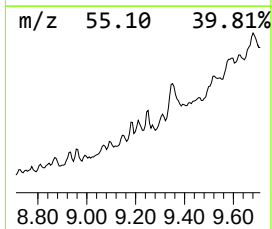
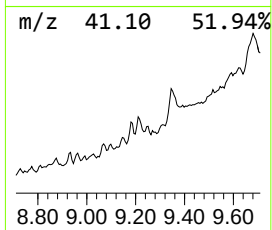
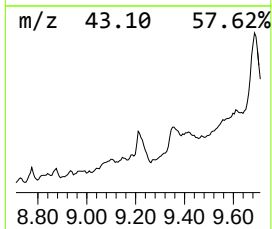
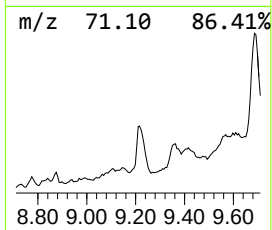
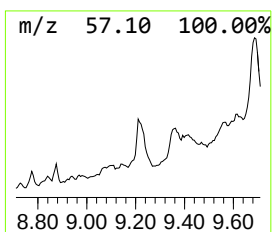
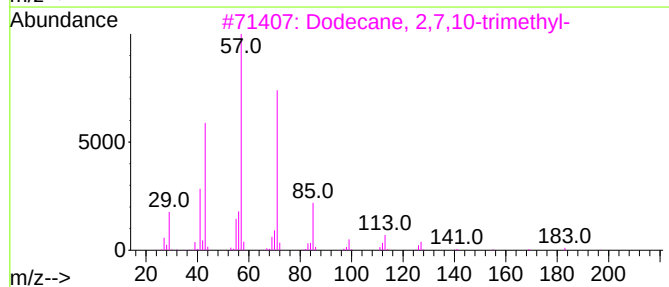
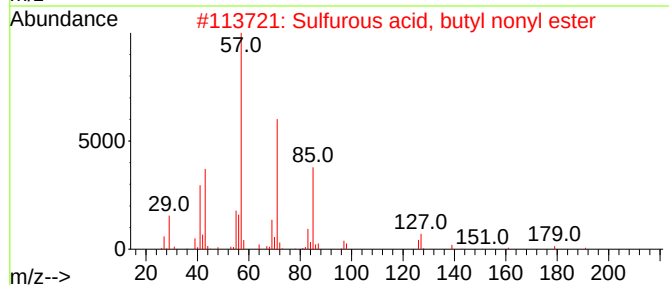
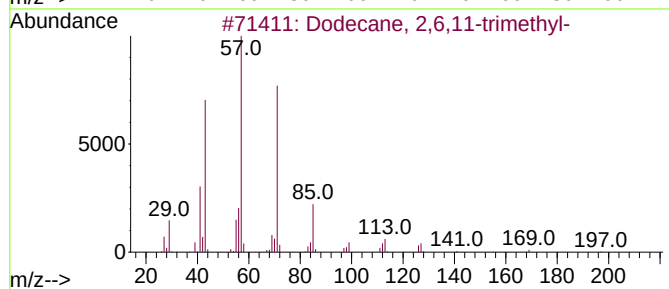
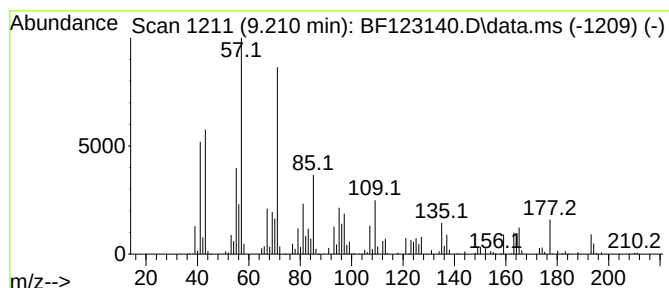
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown9.21 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.210	6.58 ng	945442	Acenaphthene-d10	9.957

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43
2		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	43
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	43
4		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	38
5		Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
Data File : BF123140.D
Acq On : 5 Feb 2021 17:45
Operator : JU/CG
Sample : M1317-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-A

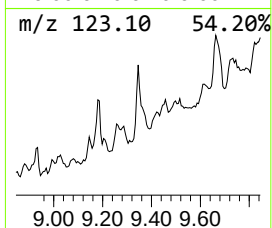
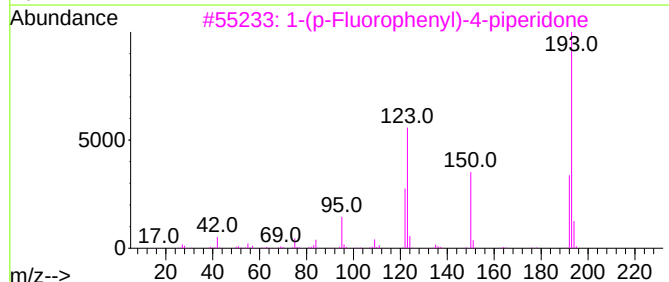
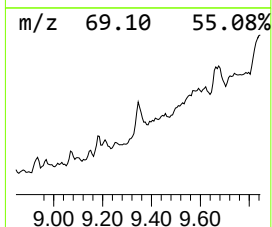
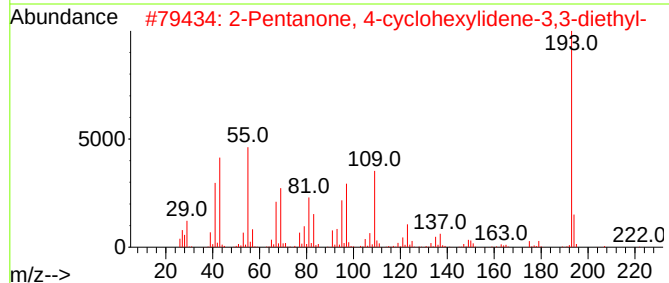
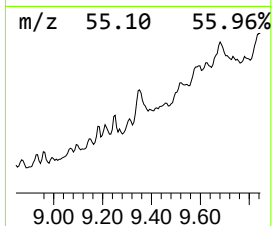
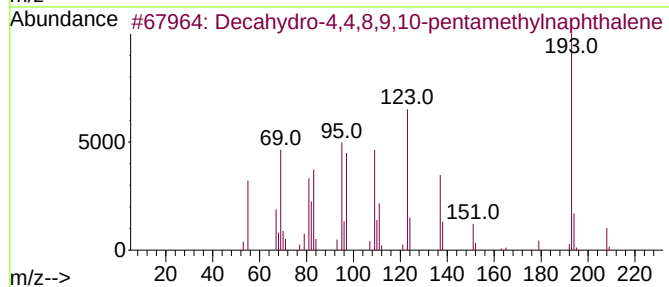
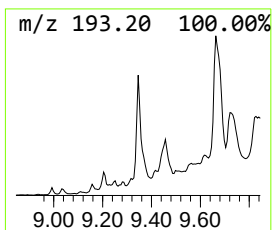
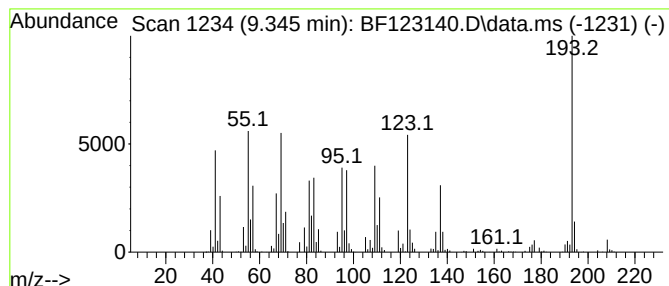
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Decahydro-4,4,8,9,10-pentam... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.345	20.00 ng	2873720	Acenaphthene-d10	9.957

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	76
2		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	49
3		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
4		2-Anthracenamine	193	C14H11N	000613-13-8	27
5		9-Phenanthrenamine	193	C14H11N	000947-73-9	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020521\
 Data File : BF123140.D
 Acq On : 5 Feb 2021 17:45
 Operator : JU/CG
 Sample : M1317-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.134	9.0	ng	532806	1	6.892	1184800	20.0
Cyclohexane, 1,...	6.434	3.2	ng	189442	1	6.892	1184800	20.0
unknown7.54	7.545	2.7	ng	226522	2	8.181	1677510	20.0
unknown8.23	8.239	3.4	ng	283754	2	8.181	1677510	20.0
Tricyclo[4.3.1....	8.416	2.6	ng	220530	2	8.181	1677510	20.0
unknown8.47	8.475	2.9	ng	246864	2	8.181	1677510	20.0
unknown8.56	8.569	4.2	ng	352389	2	8.181	1677510	20.0
Octane, 3,5-dim...	8.604	3.7	ng	307701	2	8.181	1677510	20.0
unknown8.62	8.628	3.3	ng	275538	2	8.181	1677510	20.0
1,3,5-Trimethyl...	8.645	5.0	ng	419887	2	8.181	1677510	20.0
unknown8.81	8.810	4.8	ng	398518	2	8.181	1677510	20.0
unknown8.93	8.934	5.1	ng	428789	2	8.181	1677510	20.0
unknown8.96	8.963	5.5	ng	461728	2	8.181	1677510	20.0
unknown8.99	8.992	4.0	ng	334437	2	8.181	1677510	20.0
Hex-1-enylbenzene	9.028	3.4	ng	282450	2	8.181	1677510	20.0
unknown9.06	9.069	7.7	ng	644835	2	8.181	1677510	20.0
unknown9.14	9.145	3.4	ng	483465	3	9.957	2873720	20.0
unknown9.18	9.186	6.0	ng	854898	3	9.957	2873720	20.0
unknown9.21	9.210	6.6	ng	945442	3	9.957	2873720	20.0
Decahydro-4,4,8...	9.345	20.0	ng	2873720	3	9.957	2873720	20.0