

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
 Data File : BM039393.D
 Acq On : 11 Apr 2023 14:50
 Operator : CG/JU
 Sample : 02269-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-20424

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_M\Methods\8270-BM032923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039393.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.951	294	300	308	rBV	188145	292460	5.28%	0.879%
2	5.422	373	380	396	rBV	3040166	4611774	83.30%	13.865%
3	6.528	562	568	577	rVB	277063	439146	7.93%	1.320%
4	6.728	587	602	614	rBV	155774	292303	5.28%	0.879%
5	6.834	614	620	626	rBV3	201564	357409	6.46%	1.075%
6	7.034	642	654	668	rBV	2714828	4624227	83.53%	13.903%
7	7.287	692	697	710	rVB2	258481	494613	8.93%	1.487%
8	7.863	783	795	801	rBV	803358	1408572	25.44%	4.235%
9	9.034	987	994	1001	rBV	1640976	2906776	52.51%	8.739%
10	9.216	1014	1025	1032	rVB	110397	380977	6.88%	1.145%
11	9.581	1082	1087	1093	rVB2	210557	370456	6.69%	1.114%
12	9.839	1126	1131	1145	rBV7	234400	595535	10.76%	1.790%
13	10.445	1229	1234	1244	rVB4	259469	603415	10.90%	1.814%
14	10.539	1245	1250	1254	rBV6	130013	278616	5.03%	0.838%
15	10.628	1260	1265	1268	rBV4	239236	478628	8.65%	1.439%
16	10.675	1268	1273	1281	rVB	1201262	2186917	39.50%	6.575%
17	10.792	1288	1293	1298	rBV2	279707	475505	8.59%	1.430%
18	11.080	1337	1342	1348	rBV4	218333	500059	9.03%	1.503%
19	11.216	1359	1365	1366	rBV4	205752	368820	6.66%	1.109%
20	11.363	1381	1390	1395	rBV5	448164	1038701	18.76%	3.123%
21	11.433	1397	1402	1407	rBV2	305979	620212	11.20%	1.865%
22	11.580	1423	1427	1431	rBV5	275422	462854	8.36%	1.392%
23	11.645	1435	1438	1443	rBV4	208109	303150	5.48%	0.911%
24	11.722	1444	1451	1455	rBV5	491034	1253296	22.64%	3.768%
25	12.133	1516	1521	1526	rBV4	517783	1252625	22.63%	3.766%
26	12.592	1596	1599	1604	rBV2	712289	1128554	20.39%	3.393%
27	13.145	1689	1693	1701	rVB	3419055	5536107	100.00%	16.644%

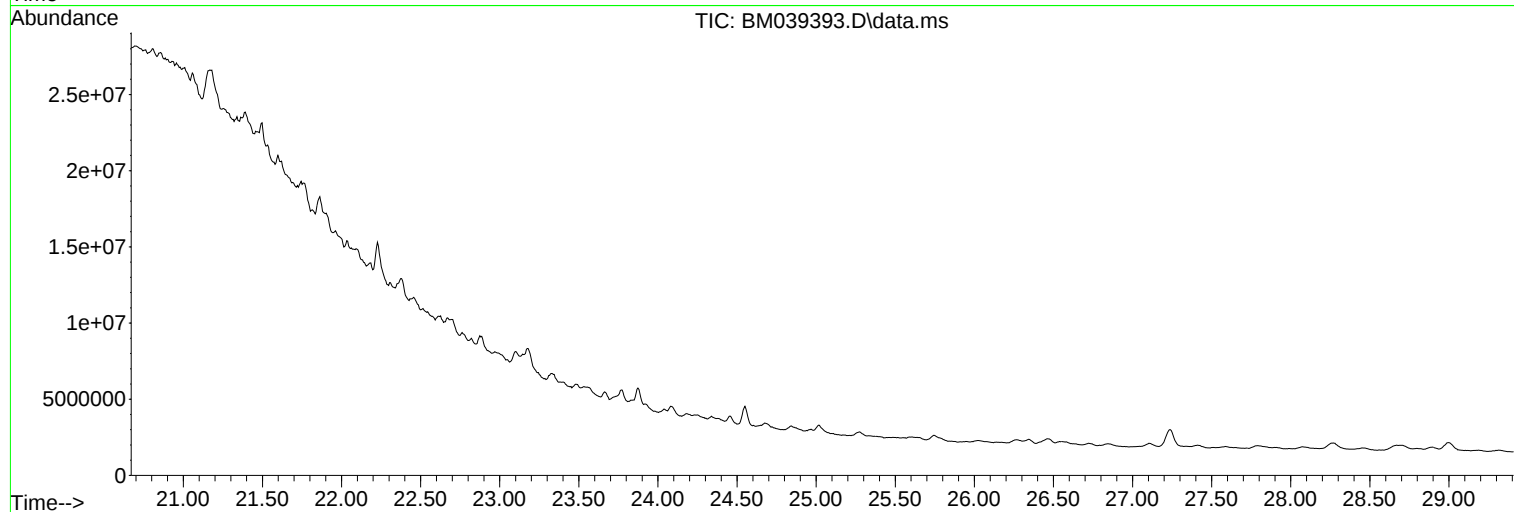
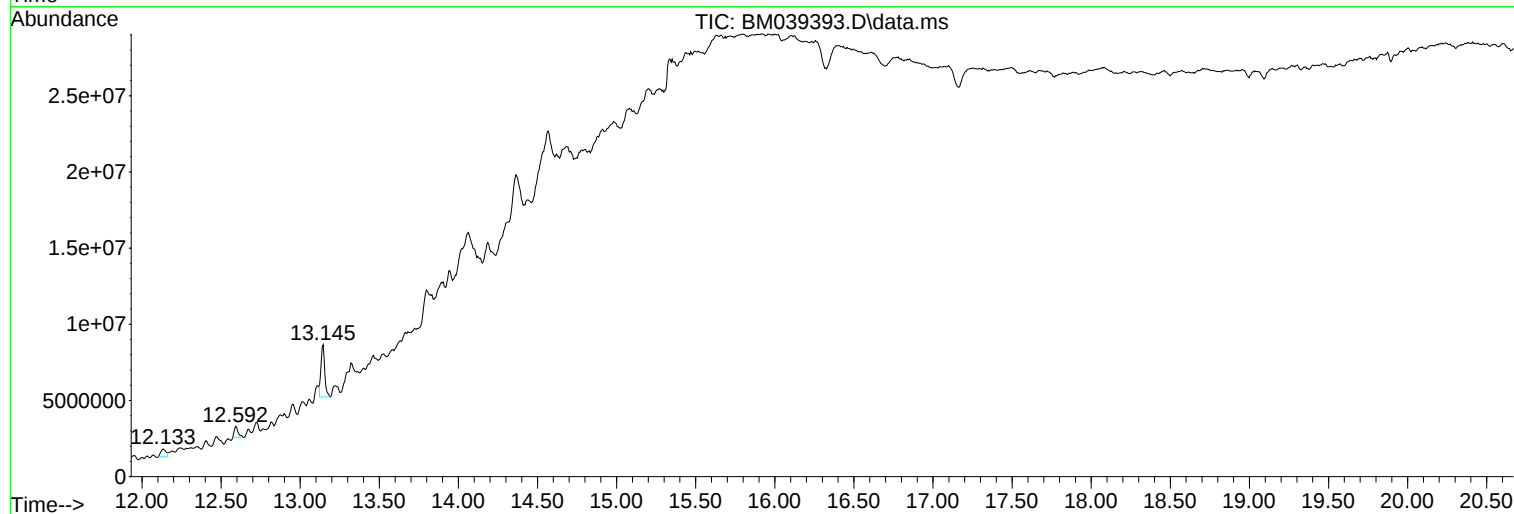
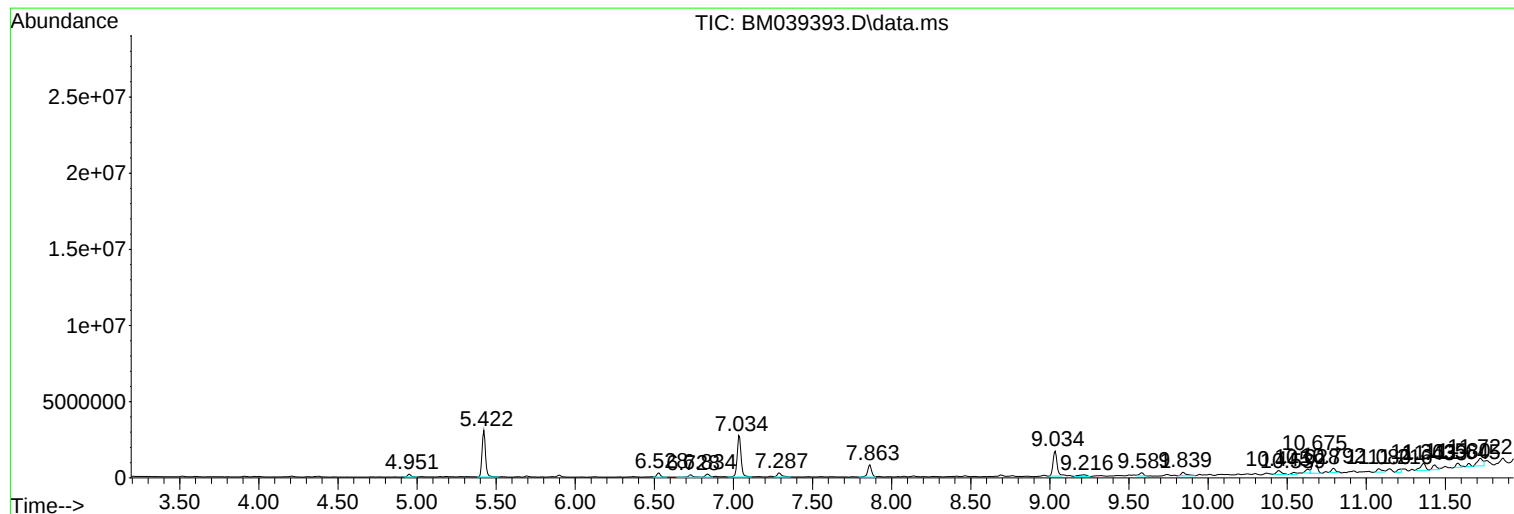
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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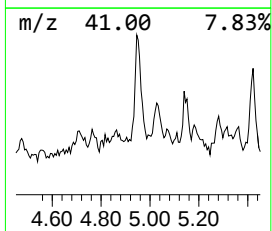
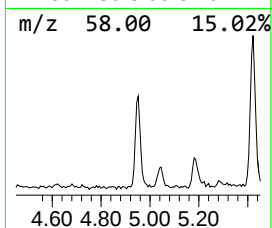
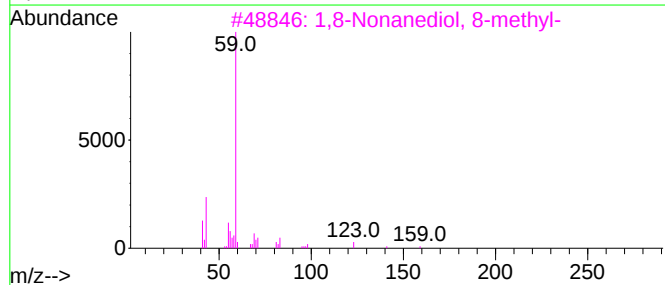
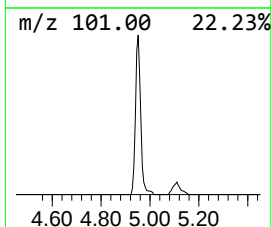
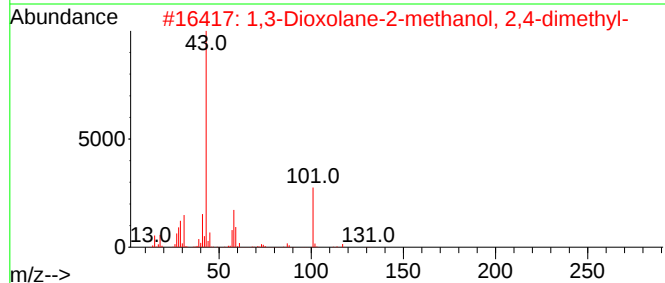
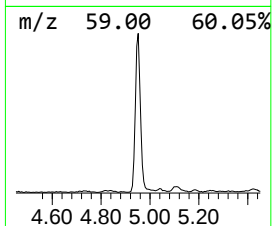
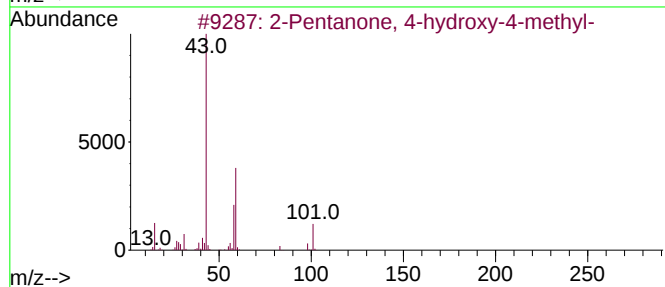
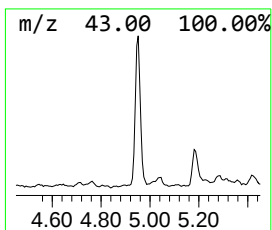
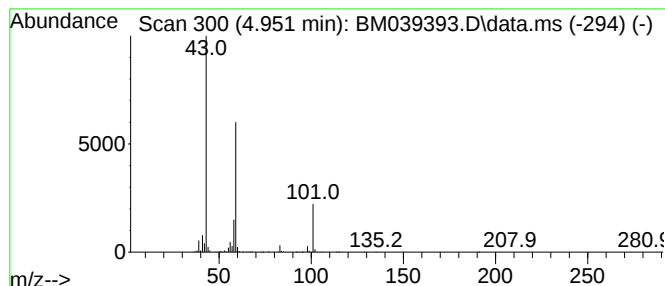
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
4.951	4.15 ng	292460	1,4-Dichlorobenzene-d4			7.863
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	56
2	1,3-Dioxolane-2-methanol, 2,4-di...		132	C6H12O3	053951-43-2	28
3	1,8-Nonanediol, 8-methyl-		174	C10H22O2	054725-73-4	23
4	Acetic acid, cyano-, 1,1-dimethy...		141	C7H11NO2	001116-98-9	17
5	1-Propen-2-ol, acetate		100	C5H8O2	000108-22-5	10



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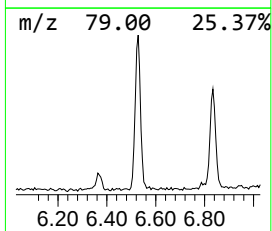
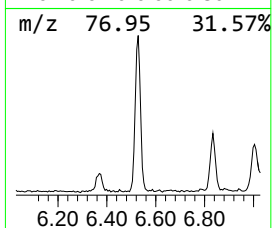
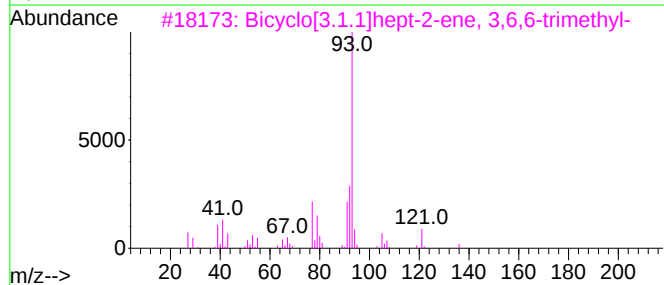
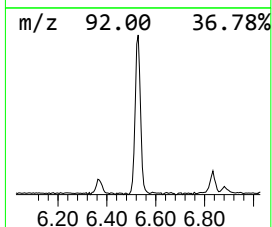
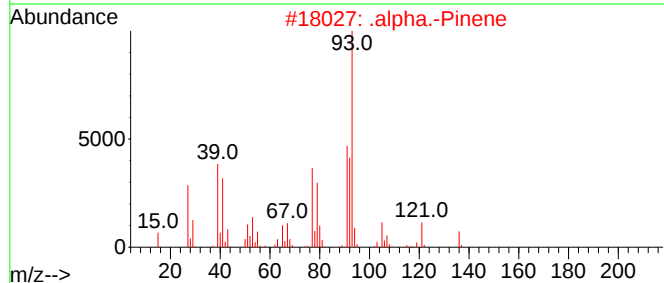
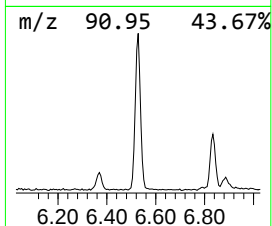
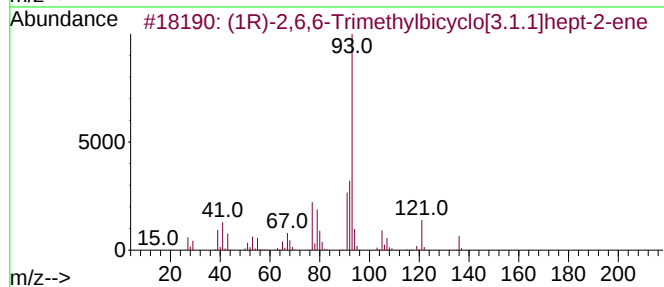
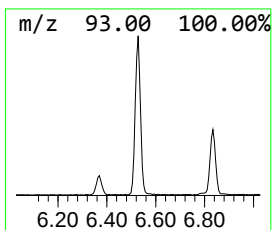
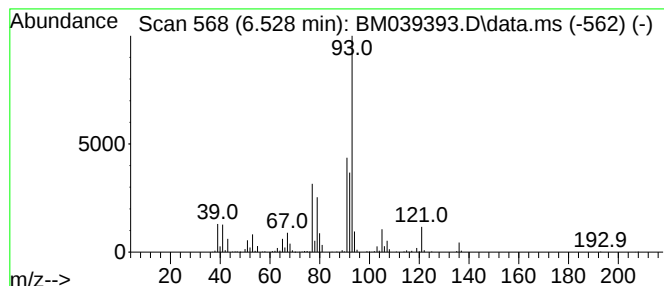
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Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.528	6.24 ng	439146	1,4-Dichlorobenzene-d4	7.863	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	94
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91
4	3-Carene	136	C10H16	013466-78-9	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1,1,1-trimethyl-	136	C10H16	000508-32-7	91



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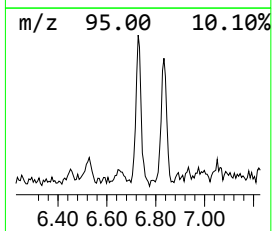
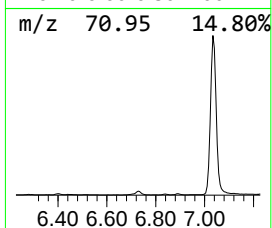
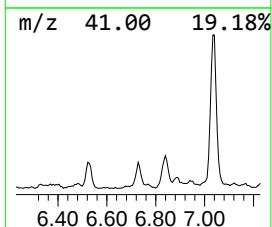
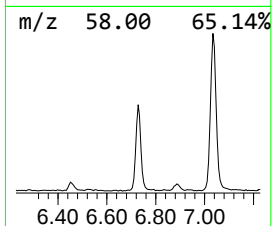
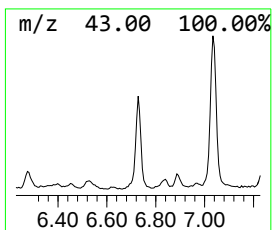
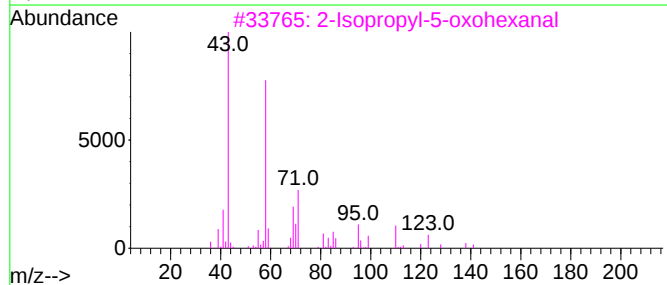
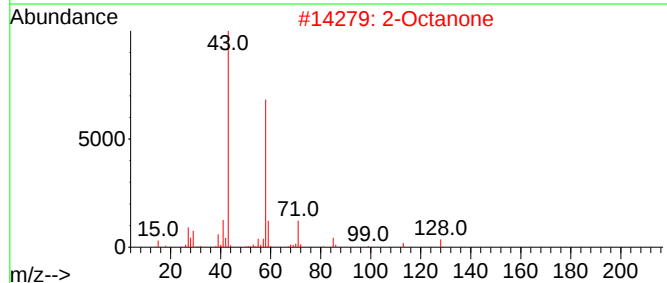
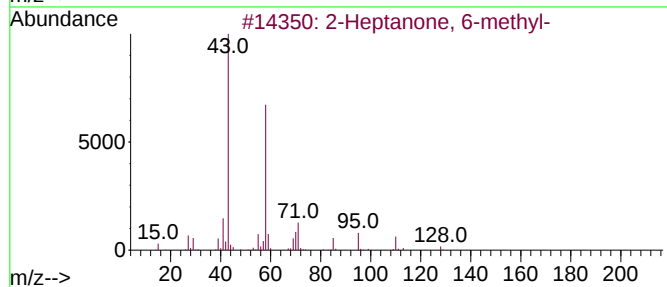
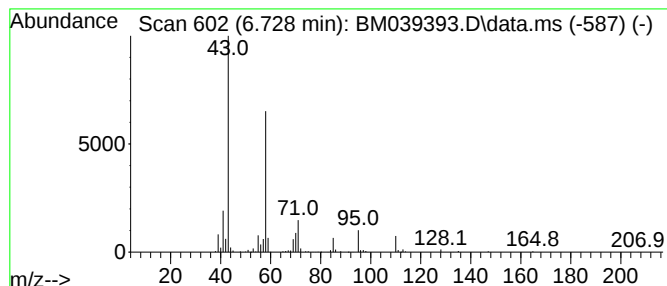
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Peak Number 3 2-Heptanone, 6-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.728	4.15 ng	292303	1,4-Dichlorobenzene-d4	7.863

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 6-methyl-			128	C8H16O	000928-68-7	91
2	2-Octanone			128	C8H16O	000111-13-7	59
3	2-Isopropyl-5-oxohexanal			156	C9H16O2	015303-46-5	56
4	2-Hexanone, 4-hydroxy-3-propyl-			158	C9H18O2	062338-17-4	45
5	2-Hexanone, 4-methyl-			114	C7H14O	000105-42-0	42



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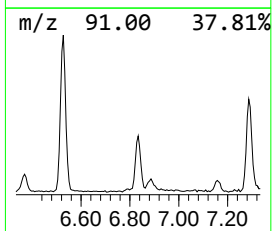
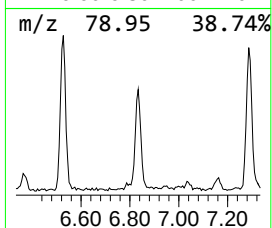
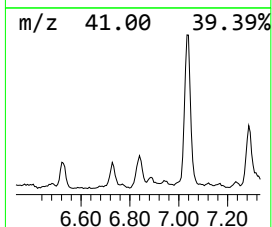
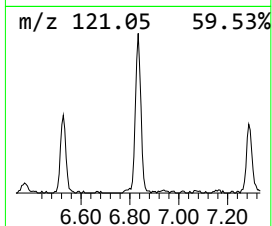
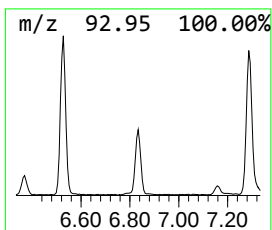
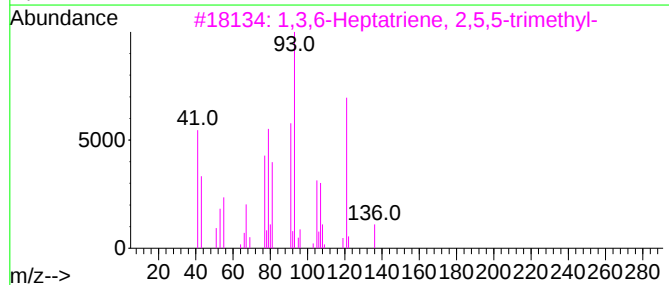
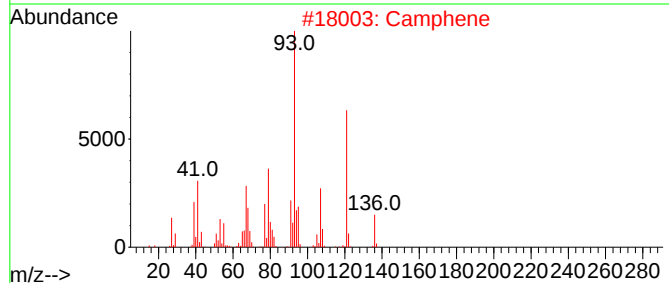
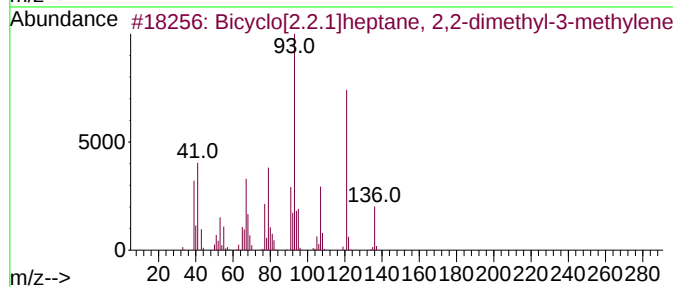
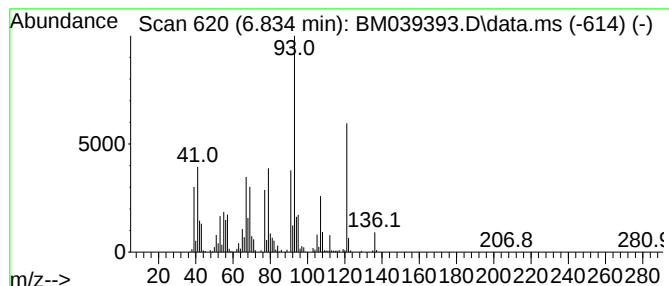
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Peak Number 4 Bicyclo[2.2.1]heptane, 2,2-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.834	5.07 ng	357409	1,4-Dichlorobenzene-d4	7.863	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	95
2	Camphene	136	C10H16	000079-92-5	95
3	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	87
4	(+)-4-Carene	136	C10H16	029050-33-7	83
5	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	83



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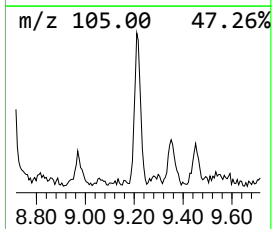
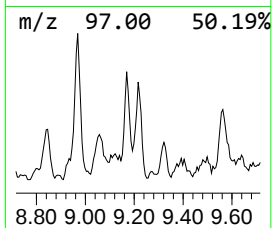
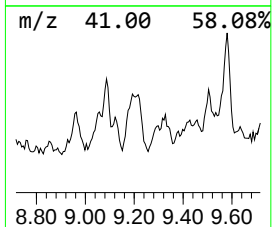
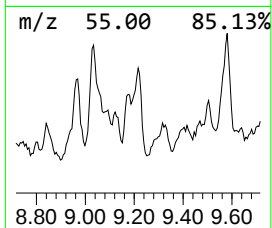
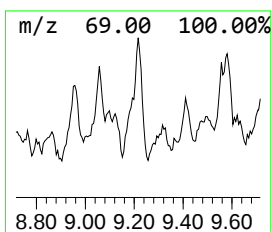
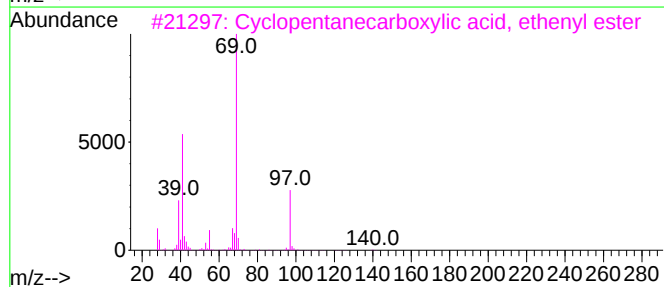
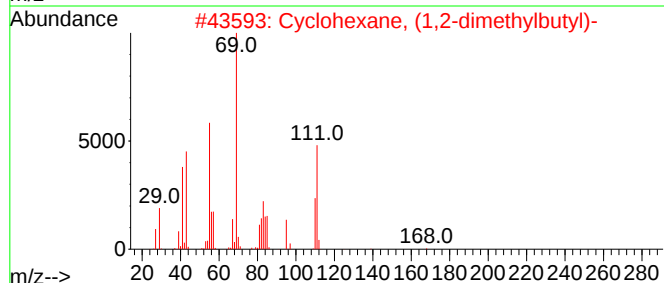
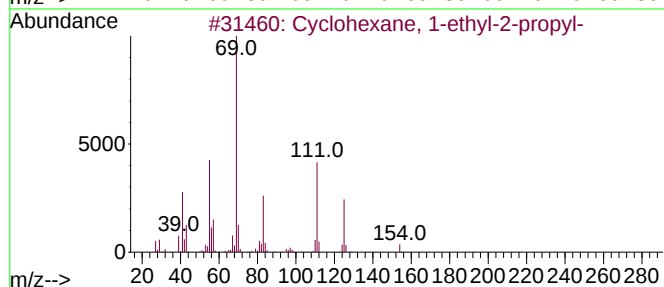
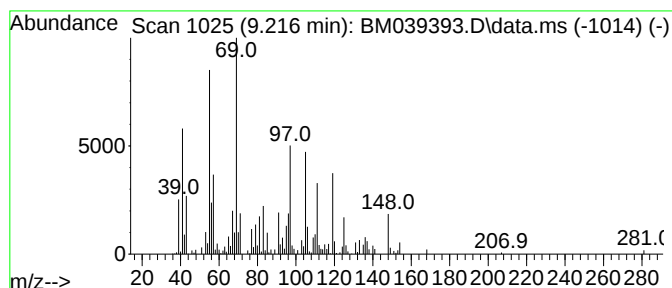
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Peak Number 5 Cyclohexane, 1-ethyl-2-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.216	5.41 ng	380977	1,4-Dichlorobenzene-d4	7.863	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	50
2	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	43
3	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	43
4	Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	43
5	3-Undecene, 8-methyl-	168	C12H24	100061-84-4	38



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Misc :
ALS Vial : 6 Sample Multiplier: 1

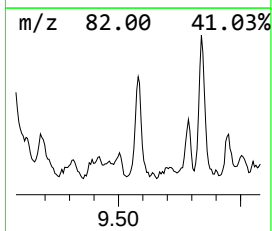
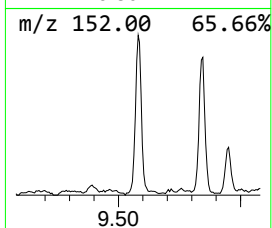
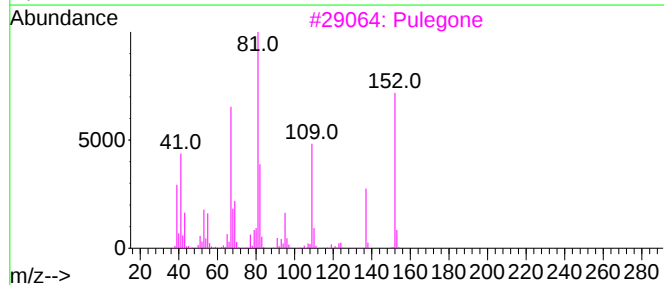
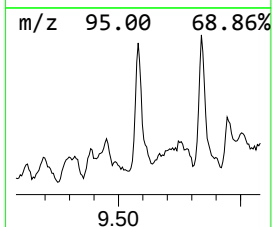
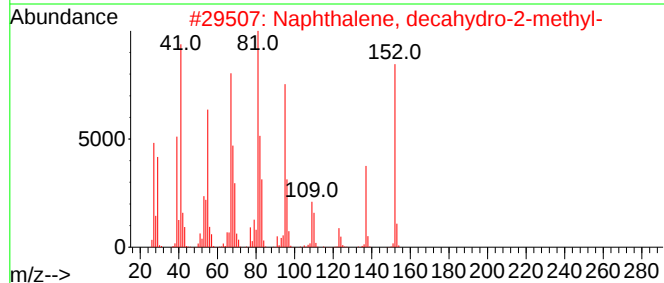
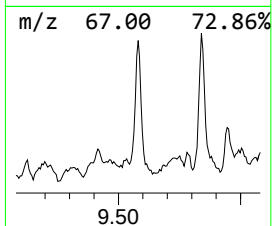
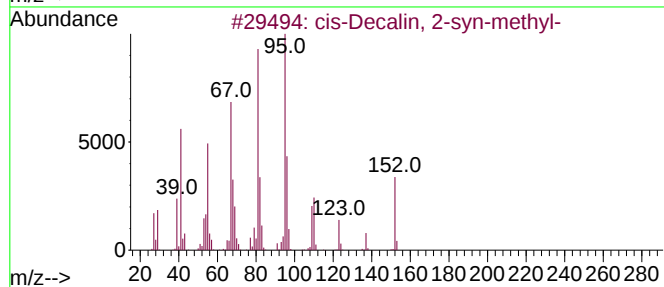
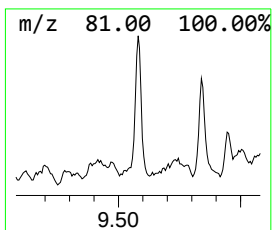
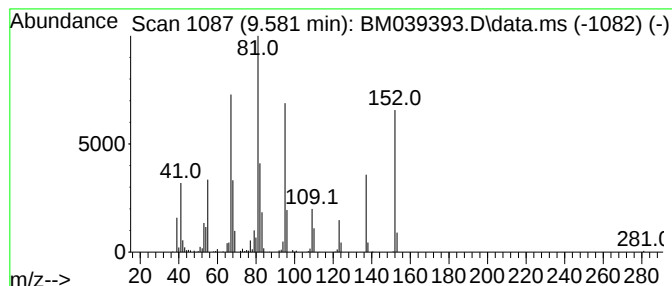
Instrument :
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ClientSampleId :
CHRT-20424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 cis-Decalin, 2-syn-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.581	3.39 ng	370456	Naphthalene-d8	10.675	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	74
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	70
3	Pulegone	152	C10H16O	000089-82-7	68
4	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	68
5	5-Octadecyne	250	C18H34	071899-42-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039393.D
Acq On : 11 Apr 2023 14:50
Operator : CG/JU
Sample : 02269-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CHRT-20424

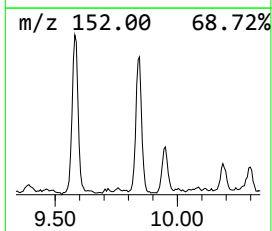
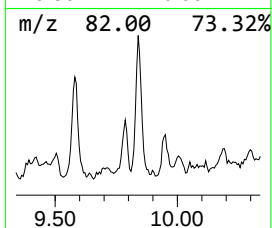
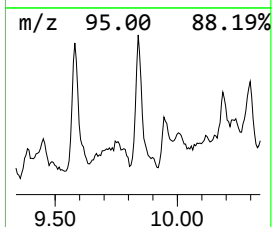
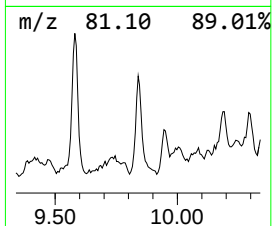
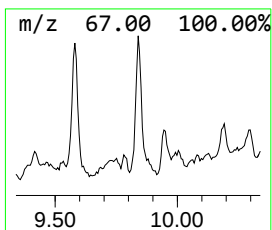
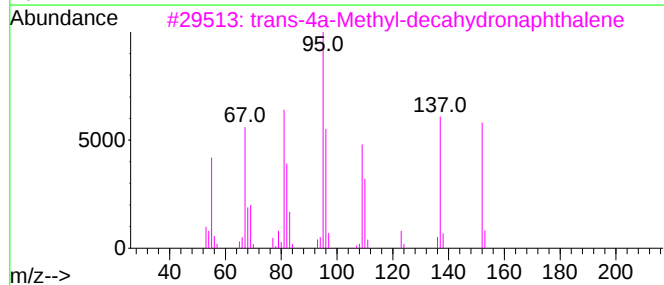
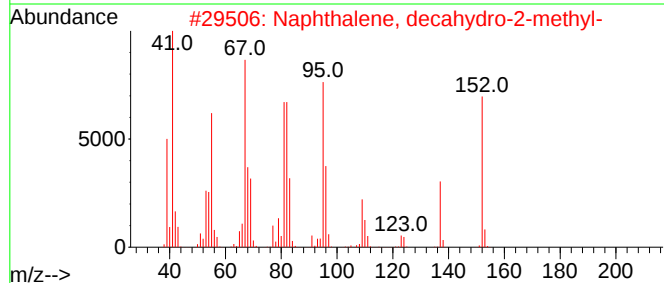
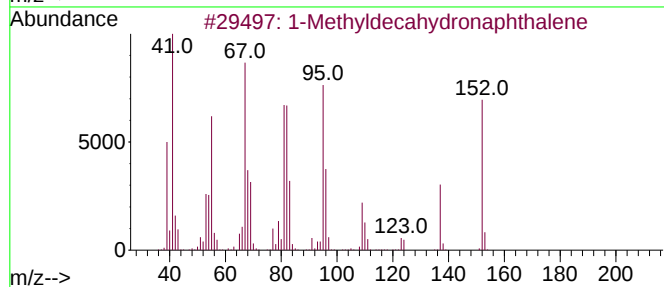
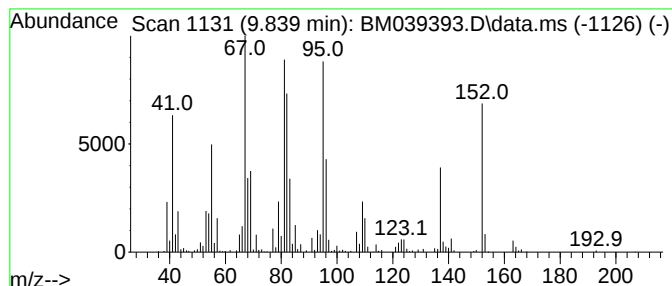
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1-Methyldecahydronaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	5.45 ng	595535	Naphthalene-d8	10.675

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	97
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	97
3			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	93
4			9-Octadecyne	250	C18H34	035365-59-4	80
5			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039393.D
Acq On : 11 Apr 2023 14:50
Operator : CG/JU
Sample : 02269-01
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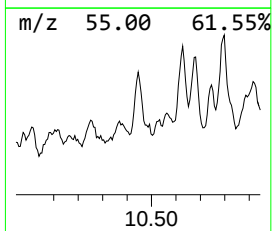
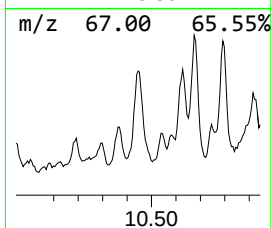
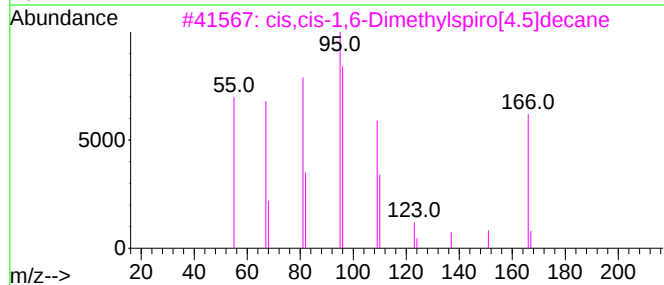
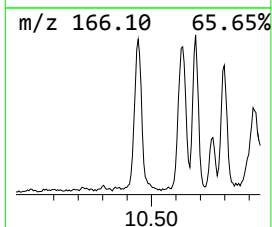
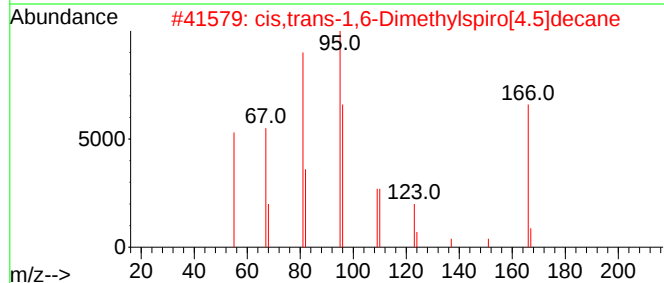
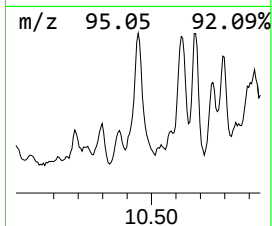
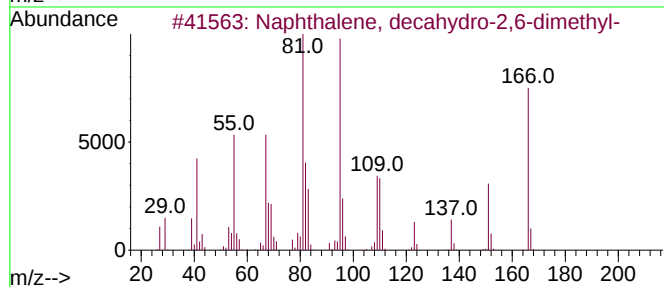
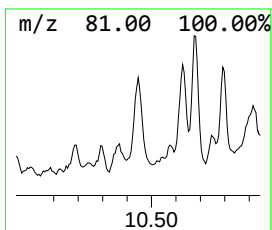
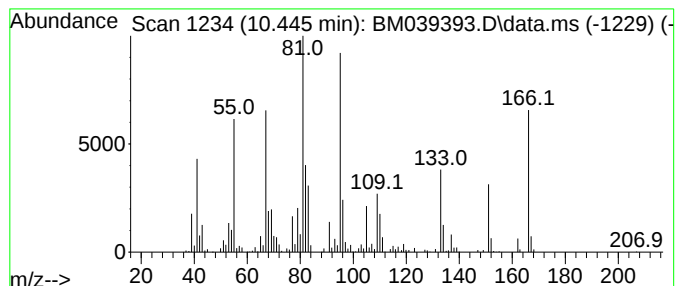
Instrument :
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ClientSampleId :
CHRT-20424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, decahydro-2,6-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.445	5.52 ng	603415	Naphthalene-d8	10.675	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	87
2	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	76
3	cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	62
4	trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	58
5	Cyclohexane, ethenyl-	110	C8H14	000695-12-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039393.D
Acq On : 11 Apr 2023 14:50
Operator : CG/JU
Sample : 02269-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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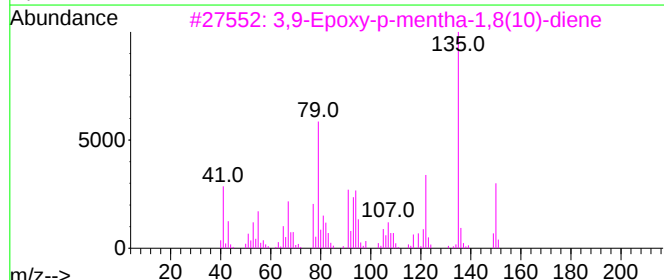
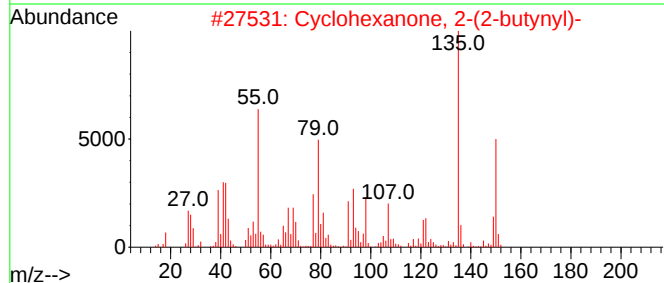
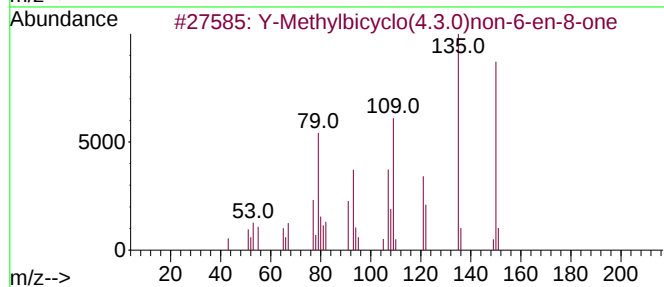
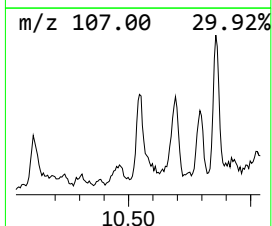
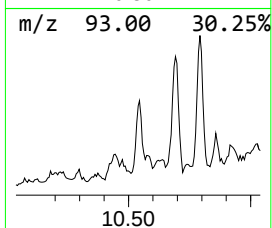
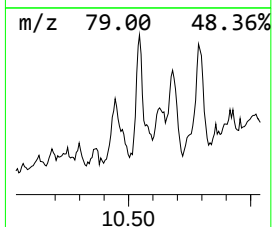
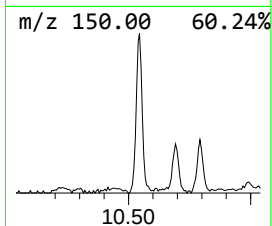
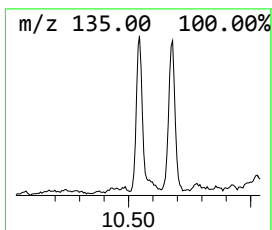
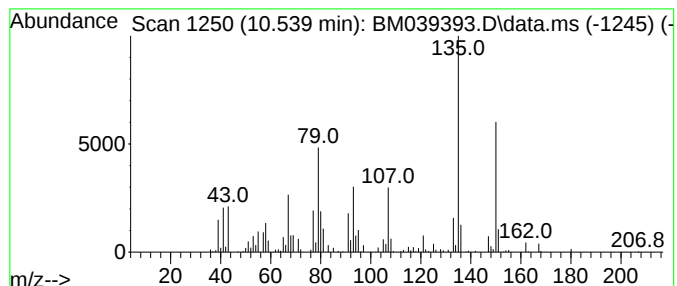
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Y-Methylbicyclo(4.3.0)non-6... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	2.55 ng	278616	Naphthalene-d8	10.675

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Y-Methylbicyclo(4.3.0)non-6-en-8...	150	C10H14O	1000424-65-9	87
2			Cyclohexanone, 2-(2-butynyl)-	150	C10H14O	054166-48-2	86
3			3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	81
4			2H-Inden-2-one, 1,4,5,6,7,7a-hex...	150	C10H14O	054725-16-5	74
5			Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039393.D
Acq On : 11 Apr 2023 14:50
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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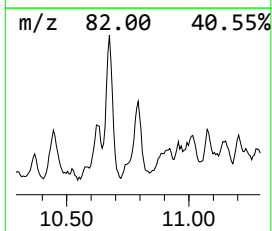
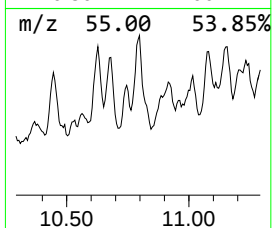
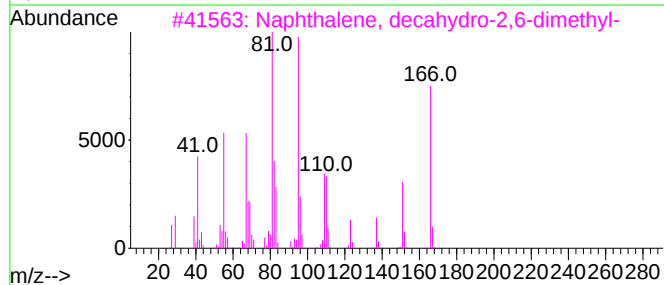
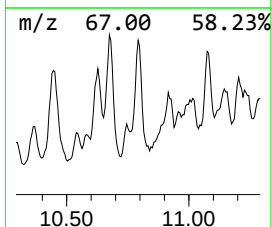
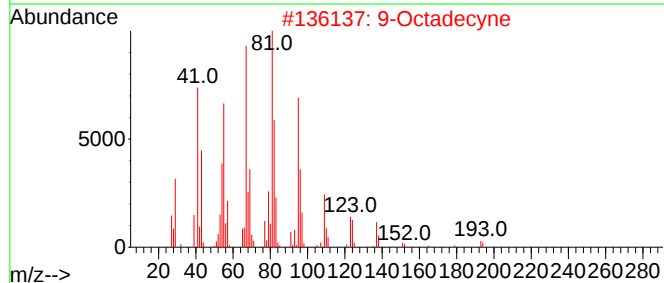
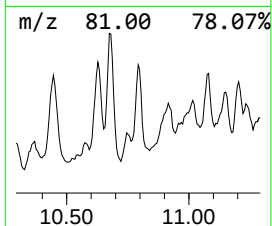
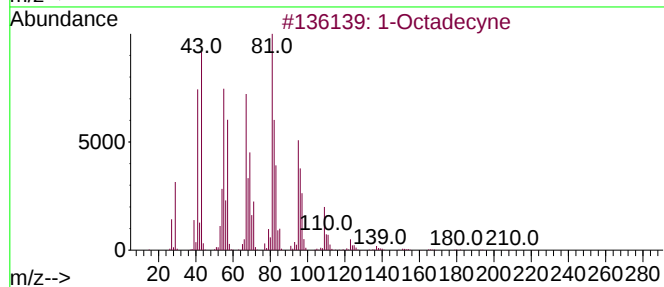
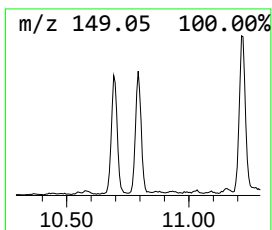
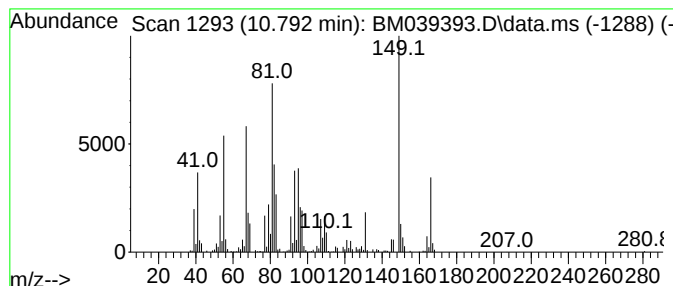
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1-Octadecyne Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.792	4.35 ng	475505	Naphthalene-d8	10.675

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octadecyne	250	C18H34	000629-89-0	52
2		9-Octadecyne	250	C18H34	035365-59-4	50
3		Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	49
4		3-(2-Hydroxycyclohexyl)-furan	166	C10H14O2	118959-04-9	46
5		6-Heptadecyne, 1-chloro-	270	C17H31Cl	056599-59-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
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Misc :
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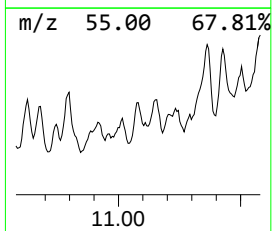
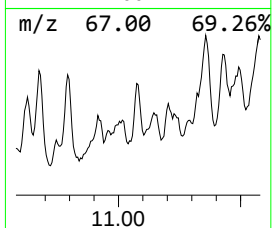
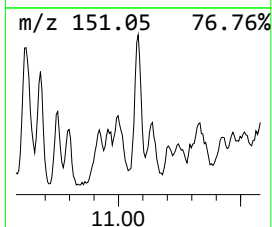
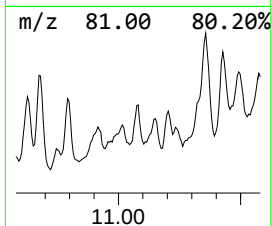
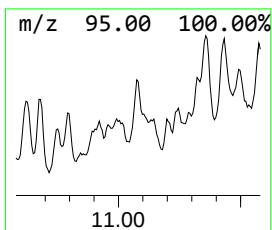
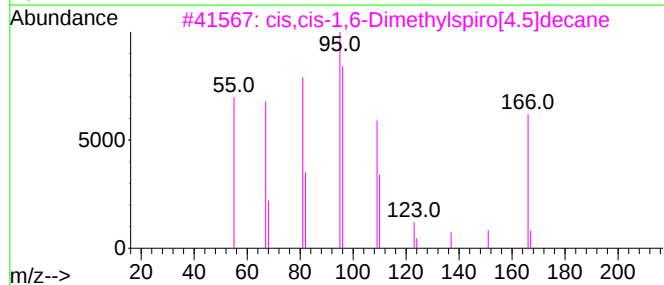
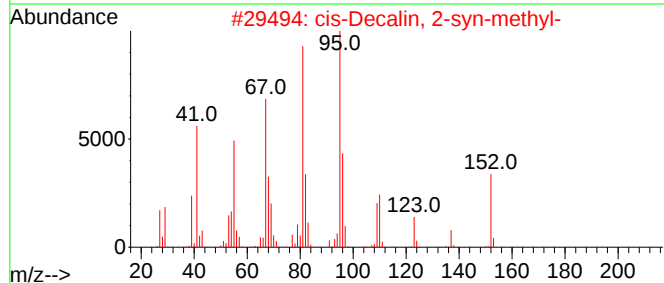
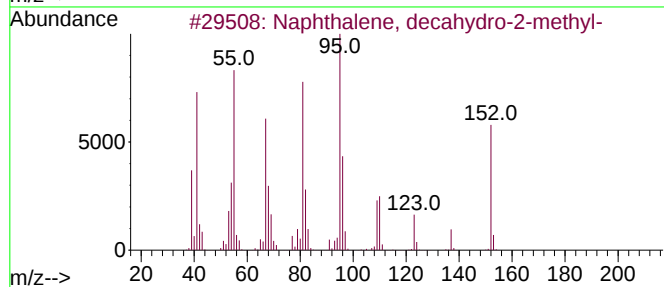
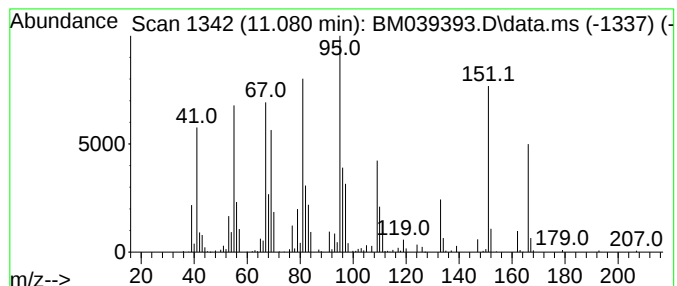
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, decahydro-2-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.080	4.57 ng	500059	Naphthalene-d8	10.675	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60
2	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	53
3	cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	49
4	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	49
5	1,6,6-Trimethylbicyclo(3.3.0)oct...	166	C11H18O	1000427-23-1	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039393.D
Acq On : 11 Apr 2023 14:50
Operator : CG/JU
Sample : 02269-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

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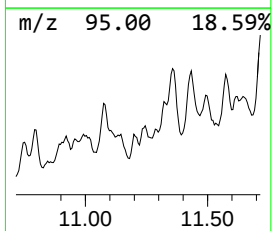
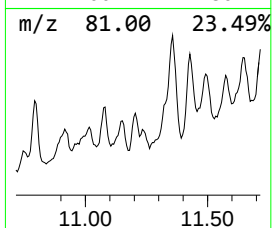
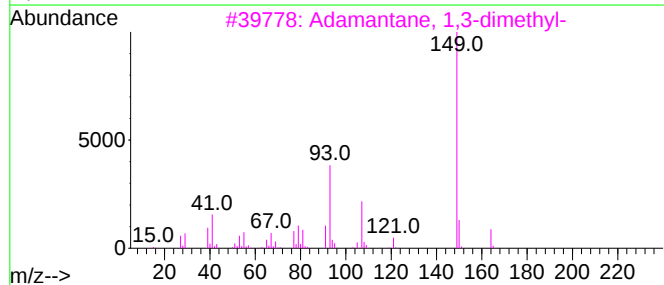
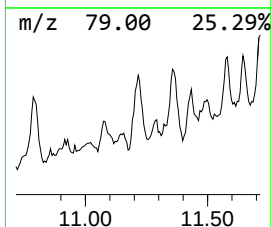
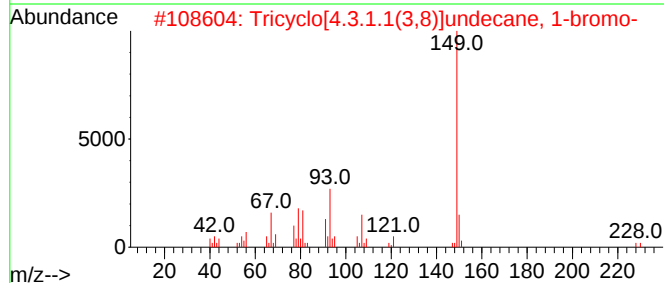
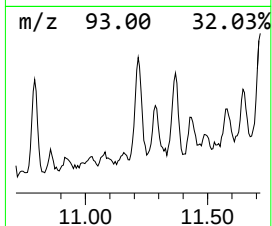
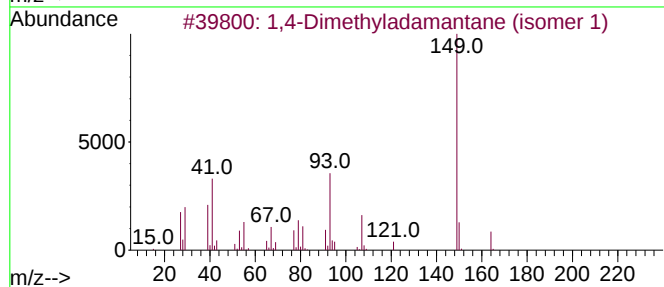
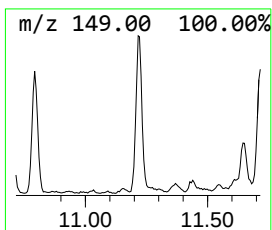
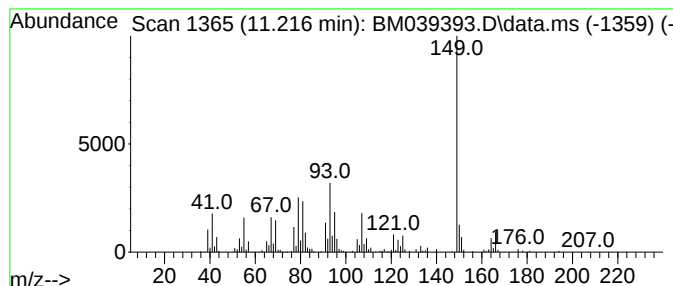
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 1,4-Dimethyladamantane (iso... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	3.37 ng	368820	Naphthalene-d8	10.675

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,4-Dimethyladamantane (isomer 1)	164	C12H20	1000460-67-0	74
2		Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	64
3		Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	64
4		Added stereo to name	164	C12H20	024145-88-8	59
5		Added stereo to name	164	C12H20	024145-89-9	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039393.D
Acq On : 11 Apr 2023 14:50
Operator : CG/JU
Sample : 02269-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CHRT-20424

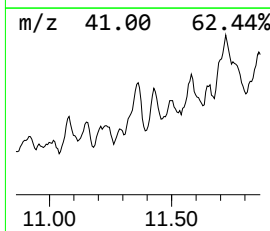
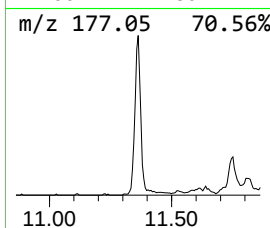
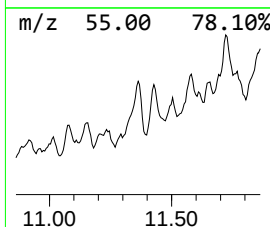
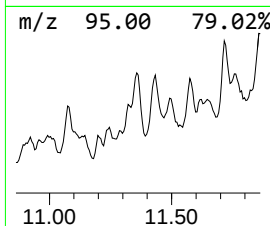
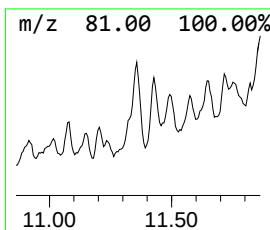
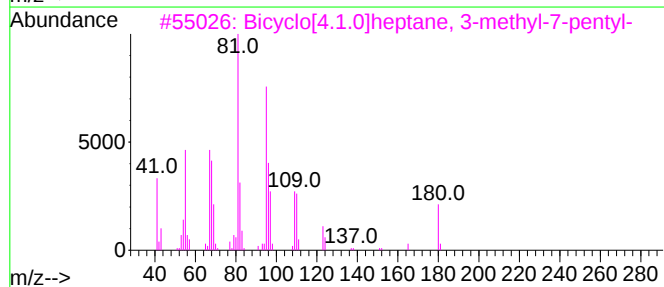
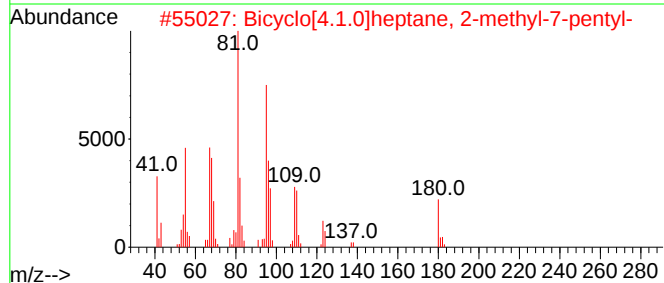
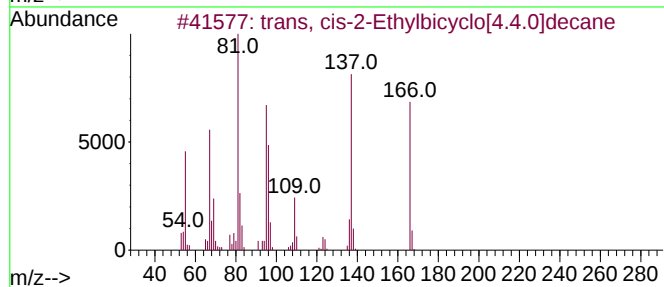
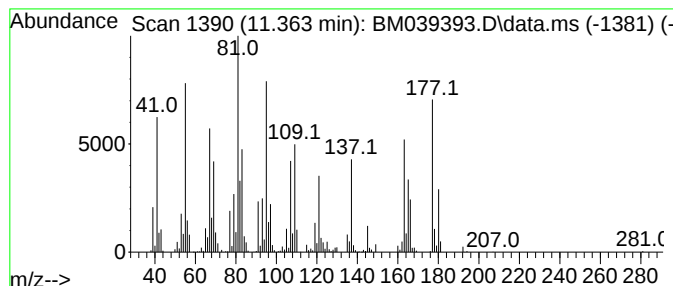
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown11.363 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.363	9.50 ng	1038700	Naphthalene-d8	10.675

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	46
2			Bicyclo[4.1.0]heptane, 2-methyl-...	180	C13H24	055937-92-3	38
3			Bicyclo[4.1.0]heptane, 3-methyl-...	180	C13H24	041977-48-4	38
4			cis,cis-2,9-Dimethylspiro[5.5]un...	180	C13H24	095472-51-8	38
5			cis,trans-2,9-Dimethylspiro[5.5]...	180	C13H24	095530-74-8	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039393.D
Acq On : 11 Apr 2023 14:50
Operator : CG/JU
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Misc :
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BNA_M
ClientSampleId :
CHRT-20424

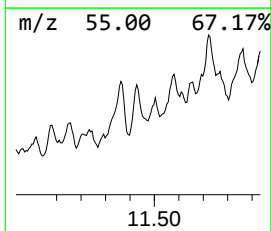
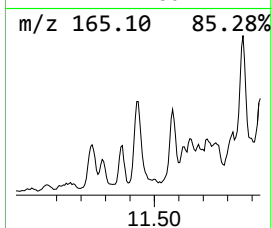
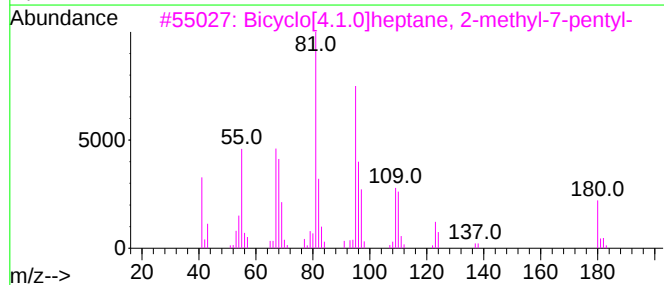
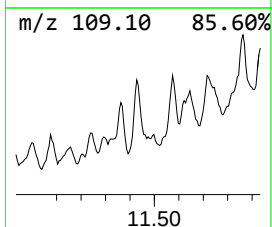
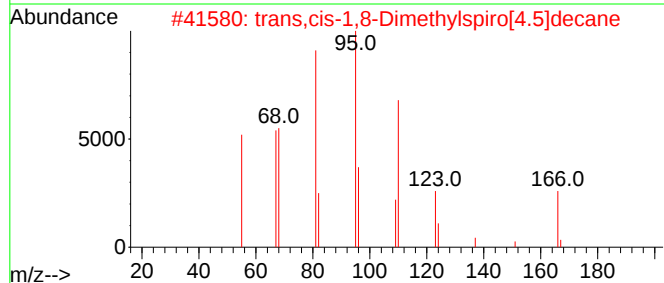
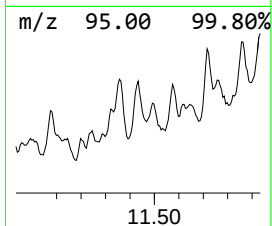
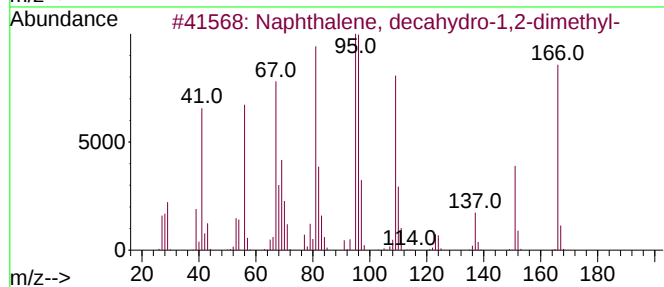
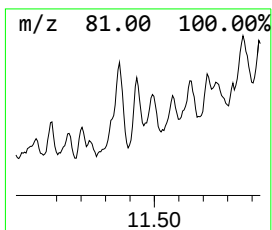
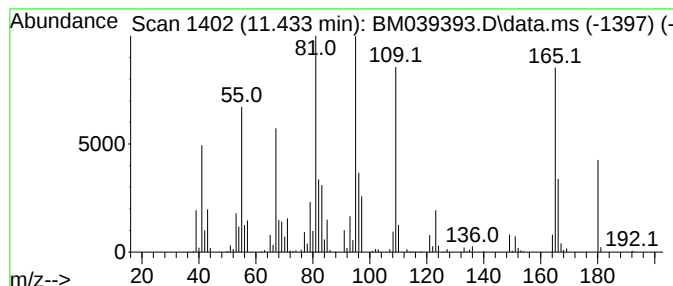
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, decahydro-1,2-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.433	5.67 ng	620212	Naphthalene-d8	10.675

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-1,2-dimet...	166	C12H22	003604-14-6	58
2			trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	55
3			Bicyclo[4.1.0]heptane, 2-methyl-...	180	C13H24	055937-92-3	53
4			cis,cis-1,9-Dimethylspiro[5.5]un...	180	C13H24	1000111-73-4	49
5			cis,trans-1,9-Dimethylspiro[5.5]...	180	C13H24	1000111-73-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039393.D
Acq On : 11 Apr 2023 14:50
Operator : CG/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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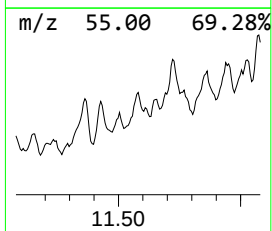
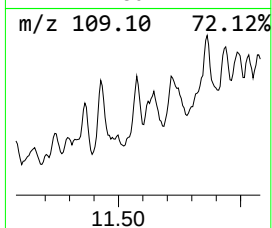
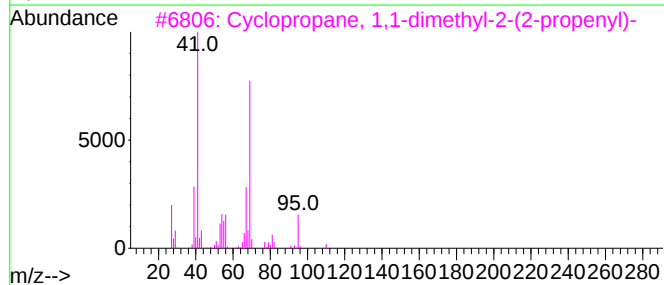
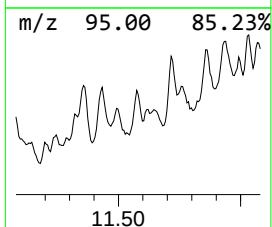
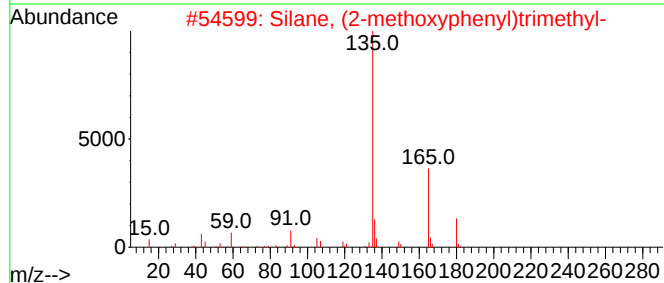
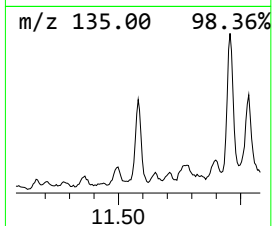
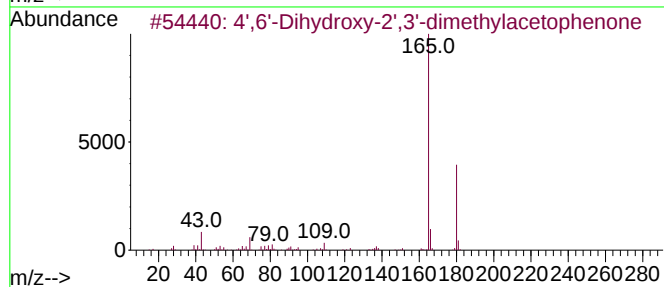
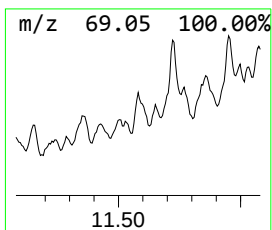
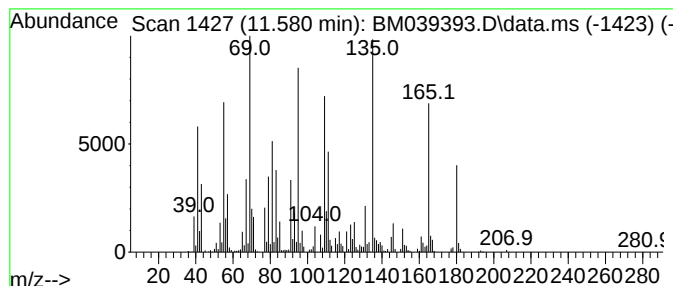
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown11.580 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.580	4.23 ng	462854	Naphthalene-d8	10.675

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4',6'-Dihydroxy-2',3'-dimethylac...	180	C10H12O3	007743-14-8	38		
2	Silane, (2-methoxyphenyl)trimethyl-	180	C10H16OSi	000704-43-8	22		
3	Cyclopropane, 1,1-dimethyl-2-(2-...	110	C8H14	036939-15-8	22		
4	1,1,6,6-Tetramethylspiro[4.4]nonane	180	C13H24	074054-92-5	22		
5	Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	20		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039393.D
Acq On : 11 Apr 2023 14:50
Operator : CG/JU
Sample : 02269-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CHRT-20424

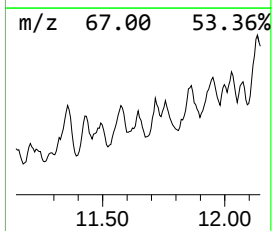
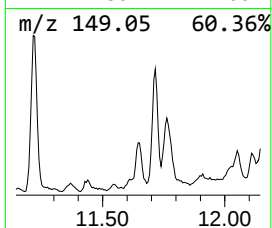
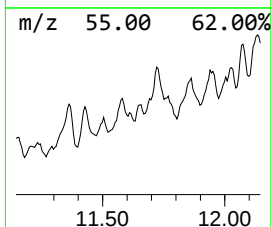
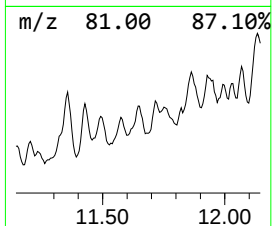
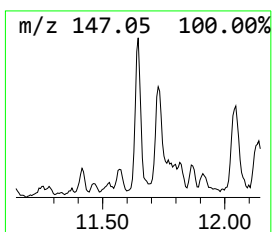
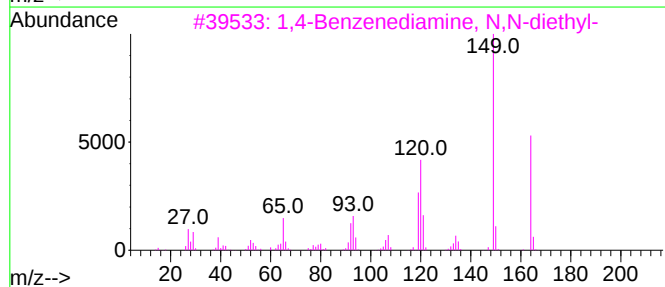
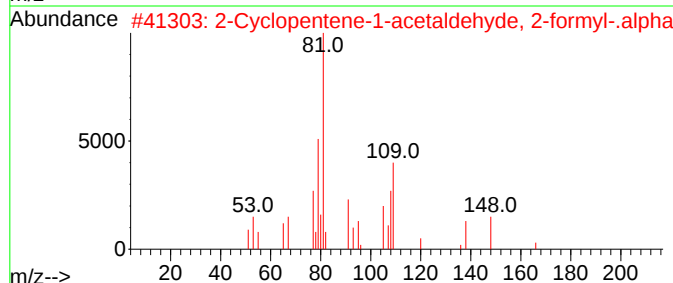
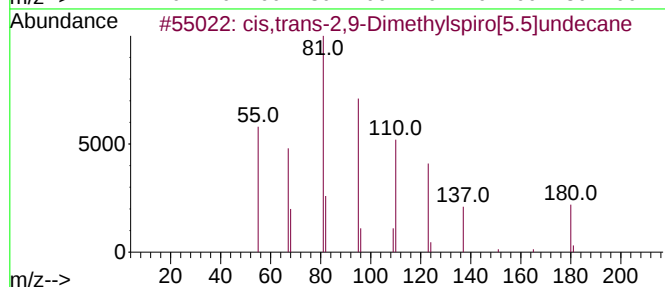
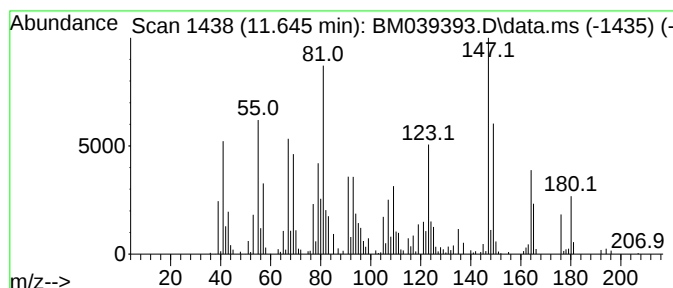
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown11.645 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.645	2.77 ng	303150	Naphthalene-d8	10.675

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		cis,trans-2,9-Dimethylspiro[5.5]...	180	C13H24	095530-74-8	38
2		2-Cyclopentene-1-acetaldehyde, 2...	166	C10H14O2	075332-42-2	35
3		1,4-Benzenediamine, N,N-diethyl-	164	C10H16N2	000093-05-0	15
4		Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	11
5		Benzene, 1,2,4-trimethyl-5-(1-me...	162	C12H18	010222-95-4	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039393.D
Acq On : 11 Apr 2023 14:50
Operator : CG/JU
Sample : 02269-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CHRT-20424

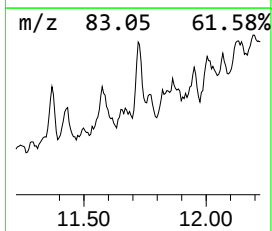
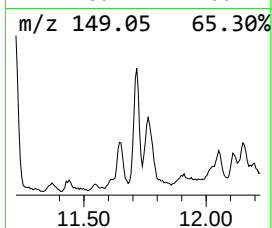
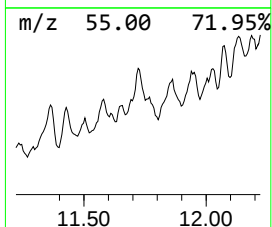
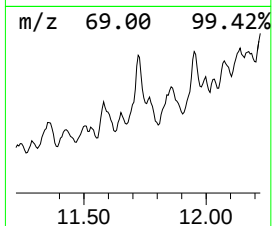
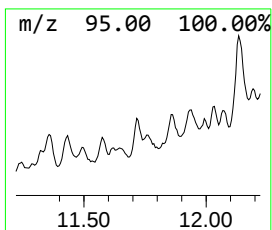
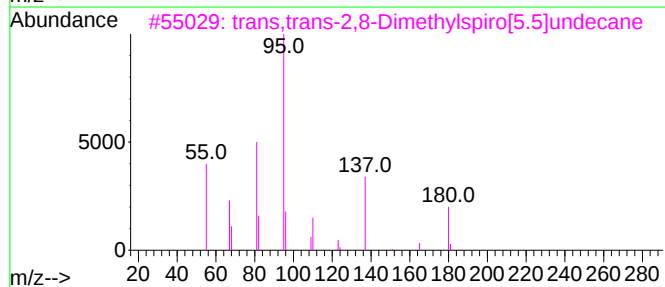
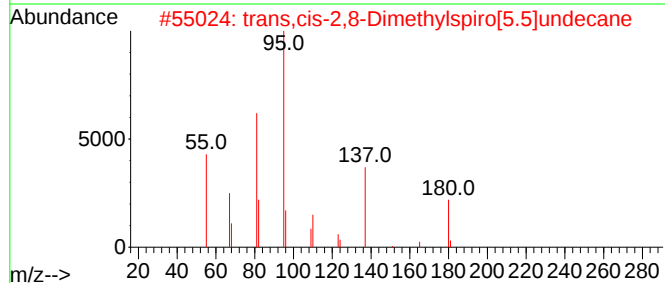
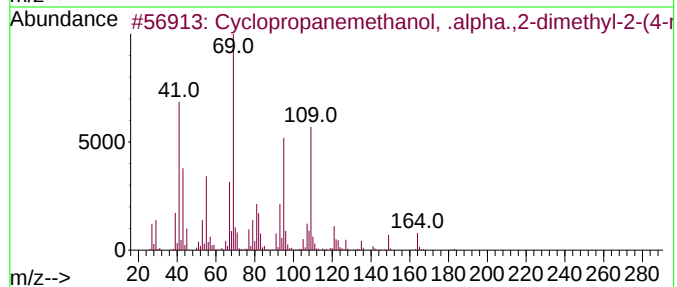
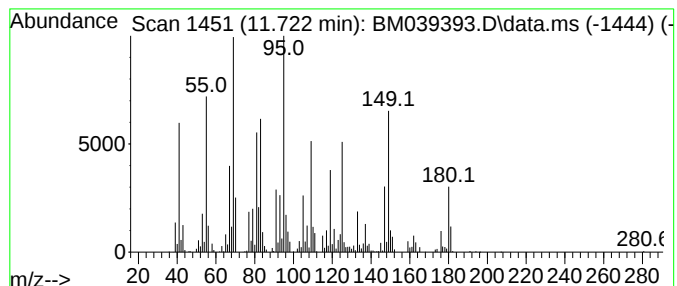
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown11.722 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	11.46 ng	1253300	Naphthalene-d8	10.675

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	46
2			trans,cis-2,8-Dimethylspiro[5.5]...	180	C13H24	095472-52-9	38
3			trans,trans-2,8-Dimethylspiro[5.5]...	180	C13H24	095530-76-0	30
4			3-Octyne, 2,2,7-trimethyl-	152	C11H20	055402-13-6	27
5			Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
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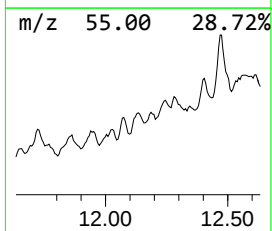
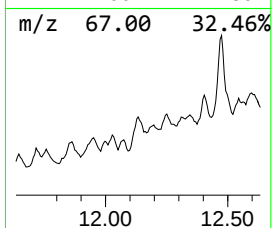
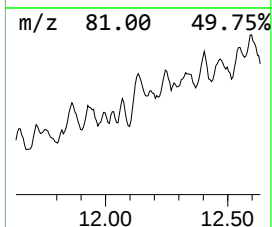
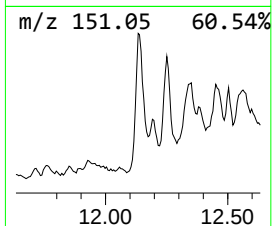
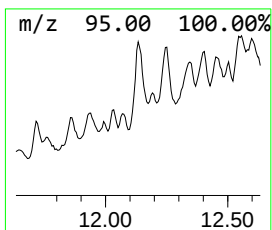
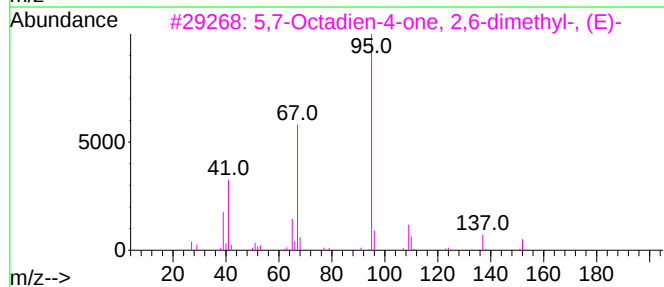
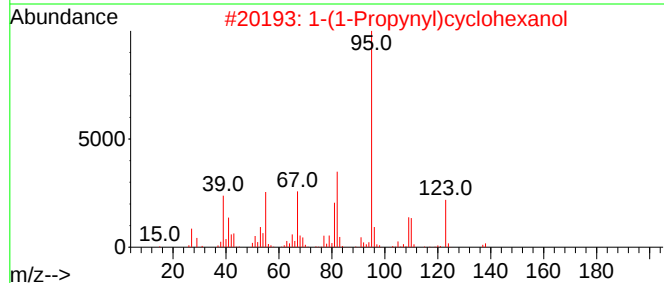
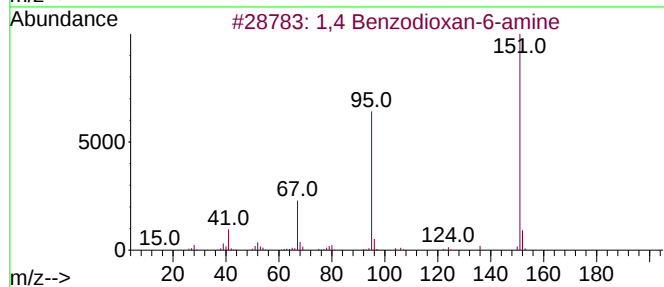
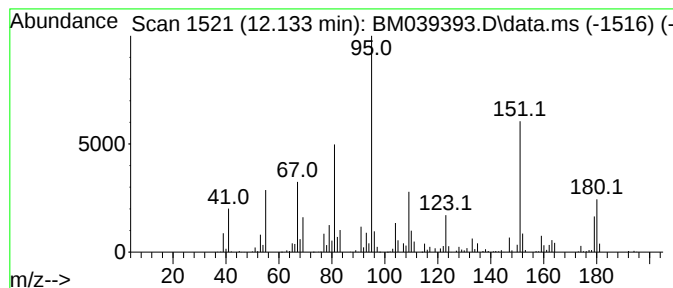
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1,4 Benzodioxan-6-amine Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	11.46 ng	1252630	Naphthalene-d8	10.675
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1	1,4 Benzodioxan-6-amine	151 C8H9NO2	022013-33-8	50
2	1-(1-Propynyl)cyclohexanol	138 C9H14O	000697-37-0	46
3	5,7-Octadien-4-one, 2,6-dimethyl...	152 C10H16O	006752-80-3	43
4	5-Octen-2-yn-4-ol	124 C8H12O	1010196-87-1	43
5	5,7-Octadien-4-one, 2,6-dimethyl...	152 C10H16O	003588-18-9	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039393.D
Acq On : 11 Apr 2023 14:50
Operator : CG/JU
Sample : 02269-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

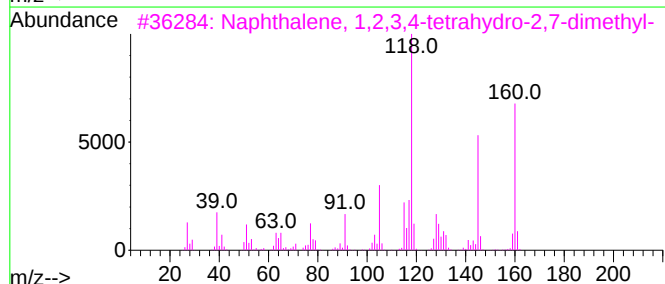
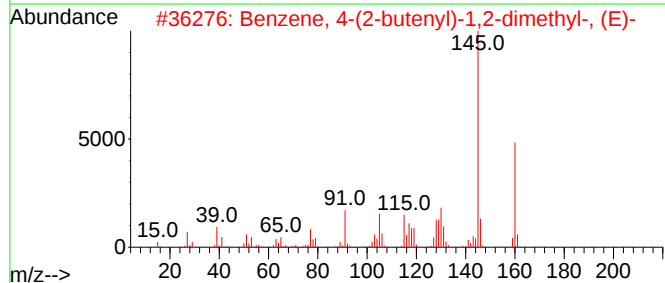
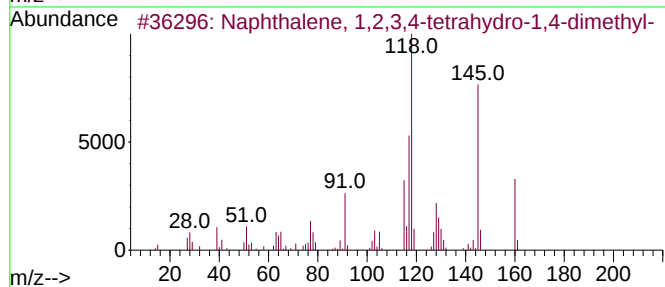
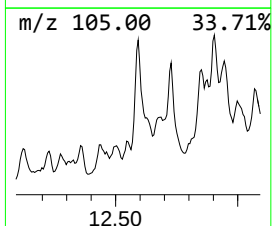
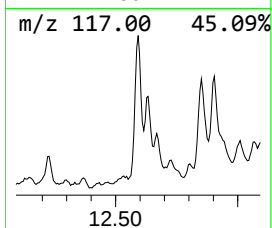
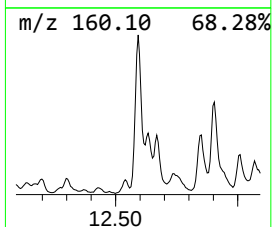
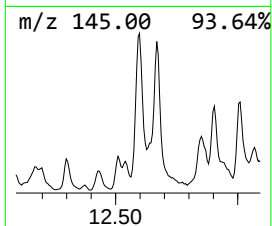
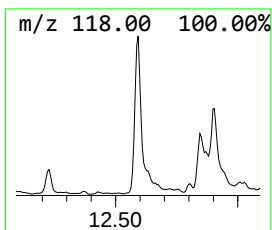
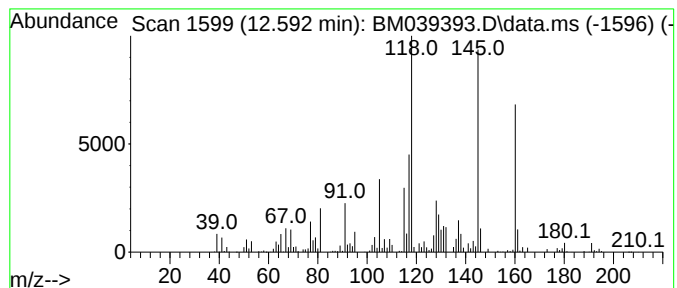
Instrument :
BNA_M
ClientSampleId :
CHRT-20424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.592	10.32 ng	1128550	Naphthalene-d8		10.675	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...		160	C12H16	004175-54-6	91
2	Benzene, 4-(2-butenyl)-1,2-dimet...		160	C12H16	054340-86-2	78
3	Naphthalene, 1,2,3,4-tetrahydro-...		160	C12H16	013065-07-1	70
4	Benzene, 1,3,5-trimethyl-2-(1-me...		160	C12H16	014679-13-1	70
5	Naphthalene, 1,2,3,4-tetrahydro-...		160	C12H16	021564-91-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041123\
Data File : BM039393.D
Acq On : 11 Apr 2023 14:50
Operator : CG/JU
Sample : 02269-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CHRT-20424

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	4.951	4.2	ng	292460	1	7.863	1408570	20.0
(1R)-2,6,6-Trim...	6.528	6.2	ng	439146	1	7.863	1408570	20.0
2-Heptanone, 6-...	6.728	4.2	ng	292303	1	7.863	1408570	20.0
Bicyclo[2.2.1]h...	6.834	5.1	ng	357409	1	7.863	1408570	20.0
Cyclohexane, 1-...	9.216	5.4	ng	380977	1	7.863	1408570	20.0
cis-Decalin, 2-...	9.581	3.4	ng	370456	2	10.675	2186920	20.0
1-Methyldecahyd...	9.839	5.5	ng	595535	2	10.675	2186920	20.0
Naphthalene, de...	10.445	5.5	ng	603415	2	10.675	2186920	20.0
Y-Methylbicyclo...	10.539	2.5	ng	278616	2	10.675	2186920	20.0
1-Octadecyne	10.792	4.3	ng	475505	2	10.675	2186920	20.0
Naphthalene, de...	11.080	4.6	ng	500059	2	10.675	2186920	20.0
1,4-Dimethylada...	11.216	3.4	ng	368820	2	10.675	2186920	20.0
unknown11.363	11.363	9.5	ng	1038700	2	10.675	2186920	20.0
Naphthalene, de...	11.433	5.7	ng	620212	2	10.675	2186920	20.0
unknown11.580	11.580	4.2	ng	462854	2	10.675	2186920	20.0
unknown11.645	11.645	2.8	ng	303150	2	10.675	2186920	20.0
unknown11.722	11.722	11.5	ng	1253300	2	10.675	2186920	20.0
1,4-Benzodioxan...	12.133	11.5	ng	1252630	2	10.675	2186920	20.0
Naphthalene, 1,...	12.592	10.3	ng	1128550	2	10.675	2186920	20.0