

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022293.D
 Acq On : 24 Oct 2022 11:32
 Operator : CG/JU
 Sample : N5119-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BC1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 25 04:07:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	4259	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	14436	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	8205	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	15735	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	8361	0.400	ng/ul	# 0.00
23) Perylene-d12	24.043	264	8032	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	20580	3.718	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	5533	0.253	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	10396	0.370	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	90271	2.117	ng/ul	99
7) 2-Methylnaphthalene	12.444	142	55200	2.055	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	40188	1.454	ng/ul	100
10) Acenaphthylene	14.341	152	26566	0.721	ng/ul#	97
11) Acenaphthene	14.683	153	54953	1.769	ng/ul	99
12) Fluorene	15.669	166	58343	1.617	ng/ul	99
15) Phenanthrene	17.417	178	1028067	19.461	ng/ul	99
16) Anthracene	17.509	178	198080	4.450	ng/ul	100
19) Fluoranthene	19.445	202	1799118	46.979	ng/ul	99
20) Pyrene	19.807	202	1456861	37.867	ng/ul	96
21) Benzo(a)anthracene	21.564	228	704366	22.484	ng/ul	97
22) Chrysene	21.620	228	721304	21.723	ng/ul	98
24) Benzo(b)fluoranthene	23.289	252	913394m	22.645	ng/ul	
25) Benzo(k)fluoranthene	23.336	252	348660m	8.890	ng/ul	
26) Benzo(a)pyrene	23.935	252	639575	19.890	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.628	276	448387	11.217	ng/ul	91
28) Dibenzo(a,h)anthracene	26.638	278	108870	3.409	ng/ul	96
29) Benzo(g,h,i)perylene	27.427	276	395338	12.139	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

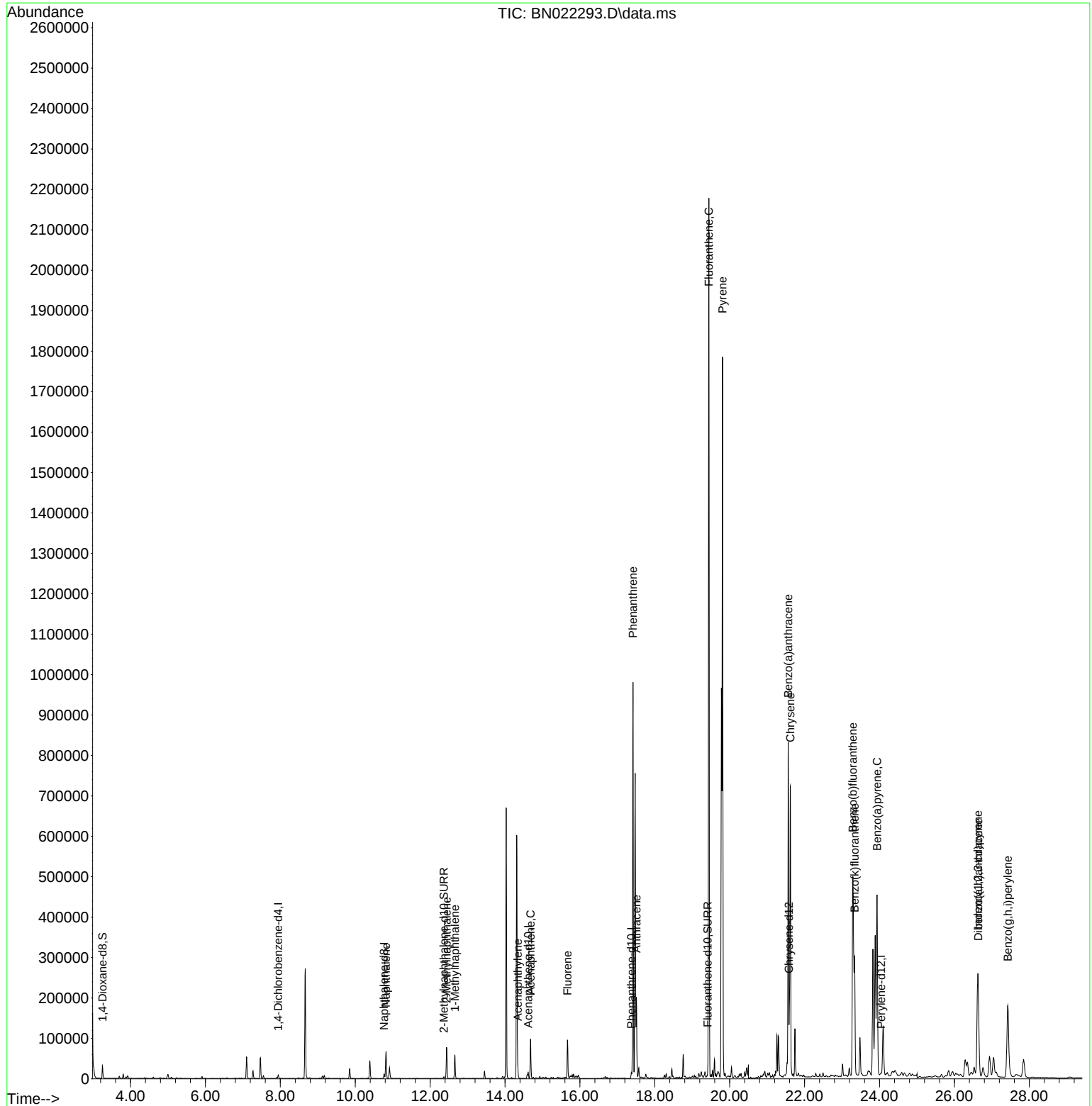
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022293.D
Acq On : 24 Oct 2022 11:32
Operator : CG/JU
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ALS Vial : 6 Sample Multiplier: 1

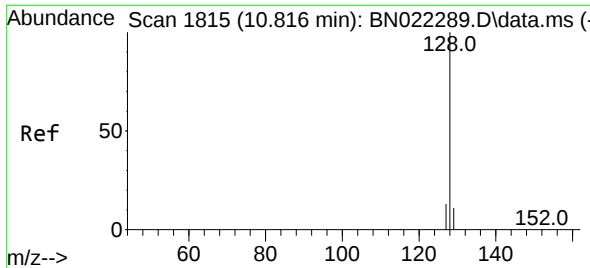
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ClientSampleId :
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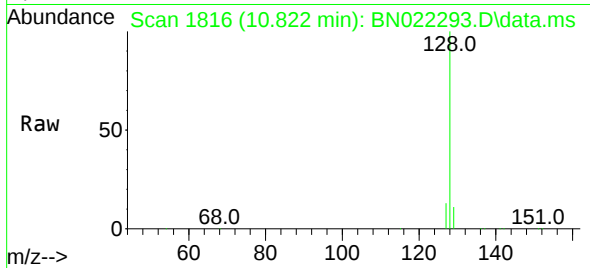
Quant Time: Oct 25 04:07:44 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 2.117 ng/ul
RT: 10.822 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BN022293.D
Acq: 24 Oct 2022 11:32

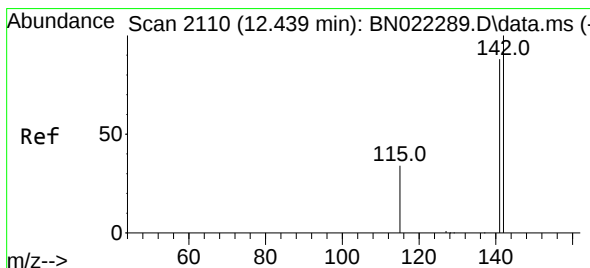
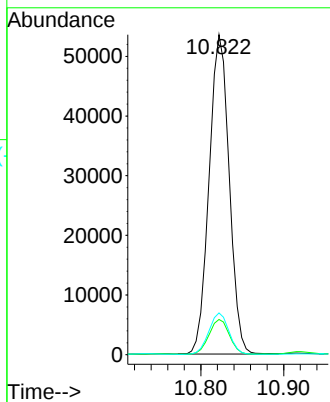
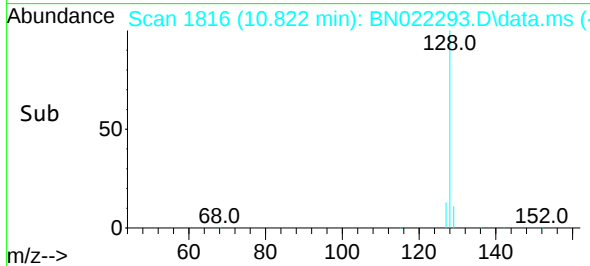
Instrument :
BNA_N
ClientSampleId :
C0BC1



Tgt Ion:128 Resp: 9027
Ion Ratio Lower Upper
128 100
129 11.0 9.3 13.9
127 13.1 10.7 16.1

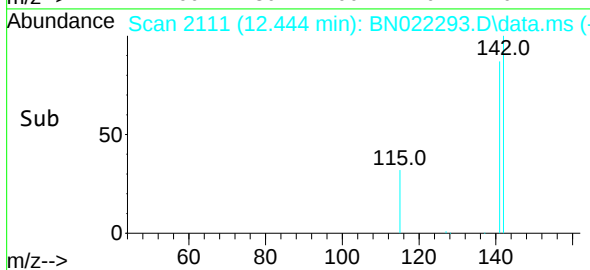
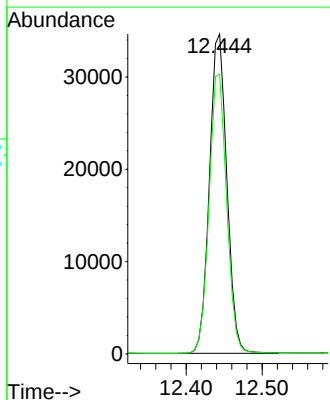
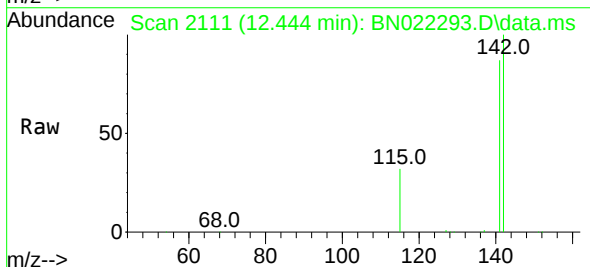
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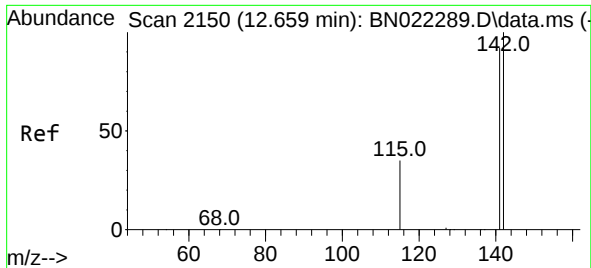
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#7
2-Methylnaphthalene
Concen: 2.055 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN022293.D
Acq: 24 Oct 2022 11:32

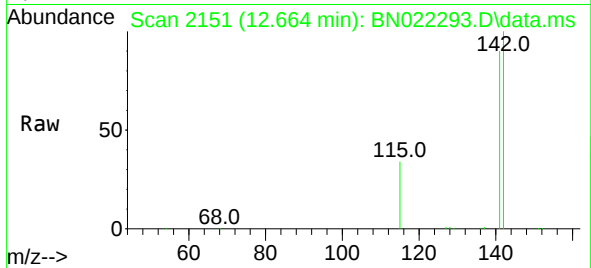
Tgt Ion:142 Resp: 55200
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7





#8
1-Methylnaphthalene
Concen: 1.454 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BN022293.D
Acq: 24 Oct 2022 11:32

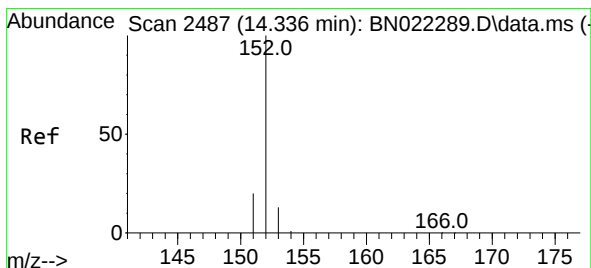
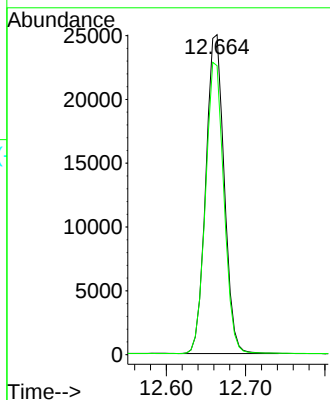
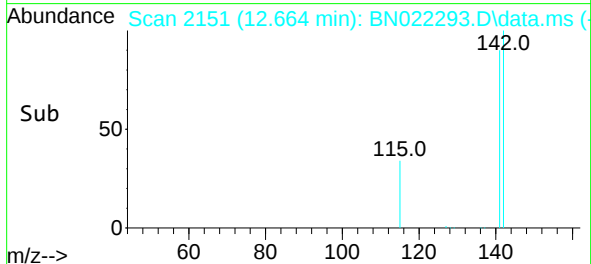
Instrument :
BNA_N
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Tgt Ion:142 Resp: 4018
Ion Ratio Lower Upper
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141 91.4 73.3 109.9

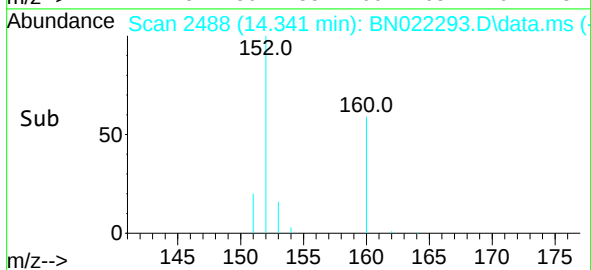
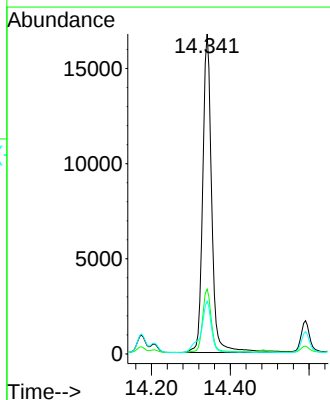
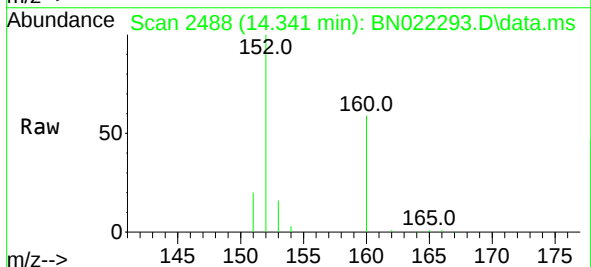
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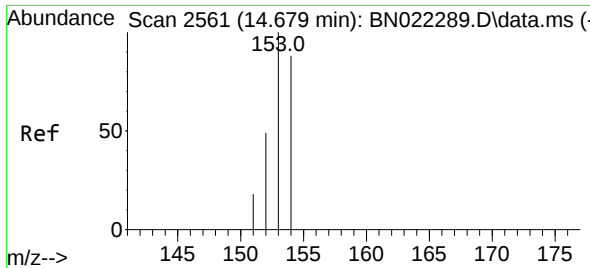
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#10
Acenaphthylene
Concen: 0.721 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.000 min
Lab File: BN022293.D
Acq: 24 Oct 2022 11:32

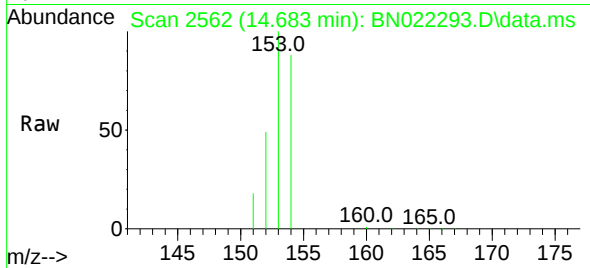
Tgt Ion:152 Resp: 26566
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 16.5 10.8 16.2#





#11
Acenaphthene
Concen: 1.769 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.000 min
Lab File: BN022293.D
Acq: 24 Oct 2022 11:32

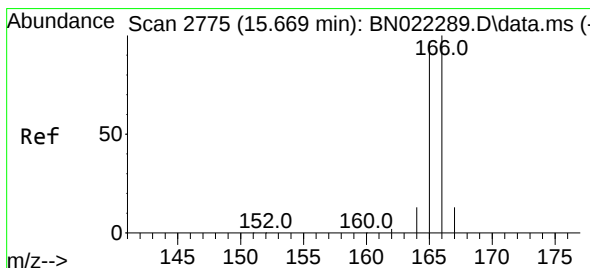
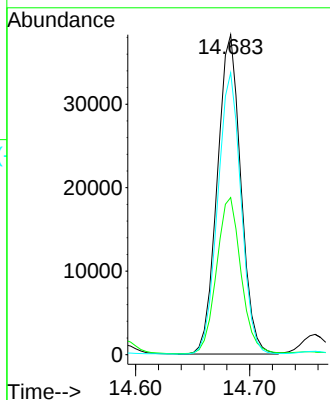
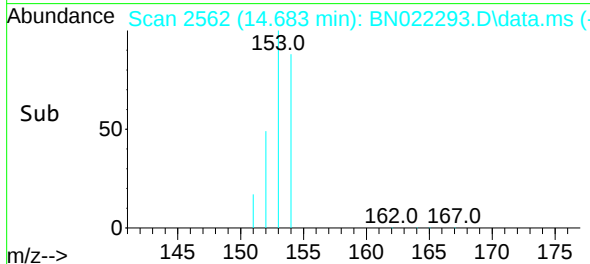
Instrument :
BNA_N
ClientSampleId :
C0BC1



Tgt Ion:153 Resp: 5495
Ion Ratio Lower Upper
153 100
152 49.1 40.6 61.0
154 88.1 70.6 106.0

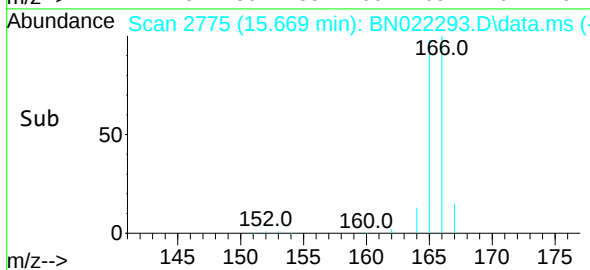
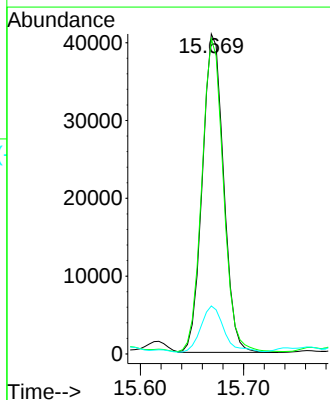
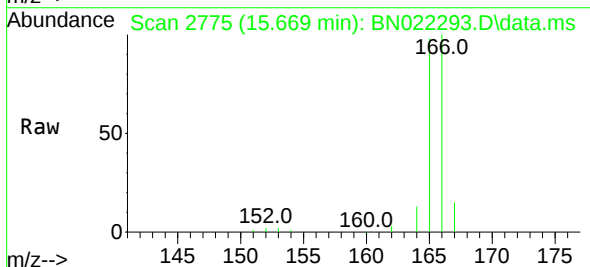
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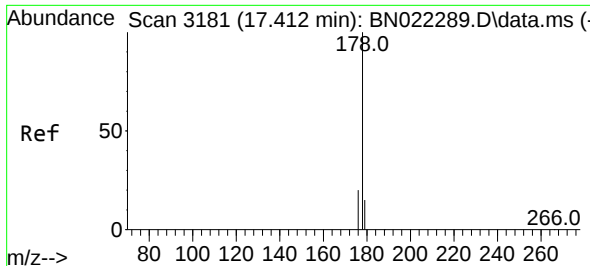
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#12
Fluorene
Concen: 1.617 ng/ul
RT: 15.669 min Scan# 2775
Delta R.T. -0.005 min
Lab File: BN022293.D
Acq: 24 Oct 2022 11:32

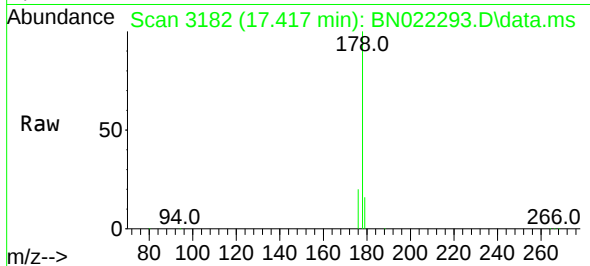
Tgt Ion:166 Resp: 58343
Ion Ratio Lower Upper
166 100
165 98.5 78.2 117.2
167 15.0 11.0 16.4





#15
Phenanthrene
Concen: 19.461 ng/ul
RT: 17.417 min Scan# 3181
Delta R.T. -0.000 min
Lab File: BN022293.D
Acq: 24 Oct 2022 11:32

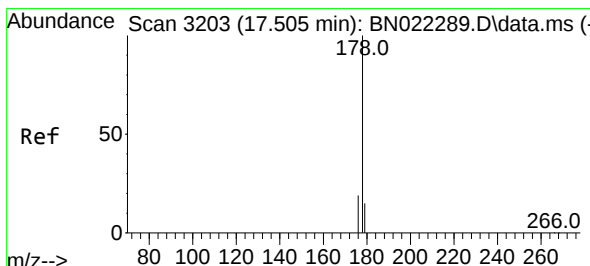
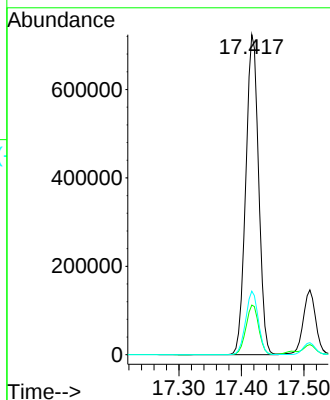
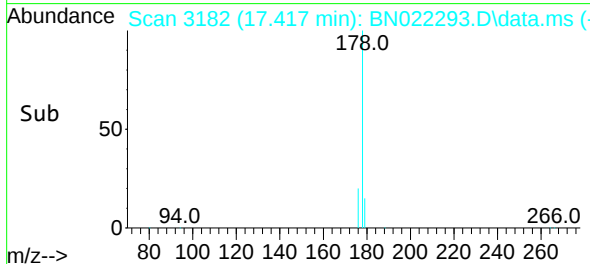
Instrument :
BNA_N
ClientSampleId :
C0BC1



Tgt Ion:178 Resp: 102806
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.9 15.4 23.2

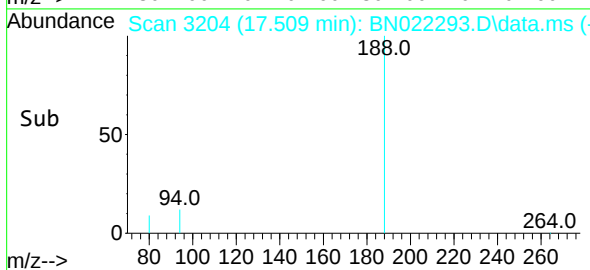
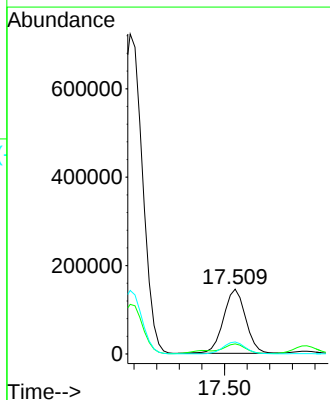
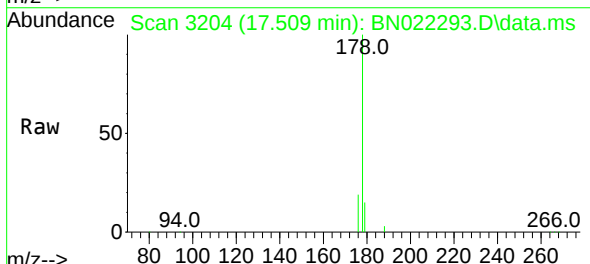
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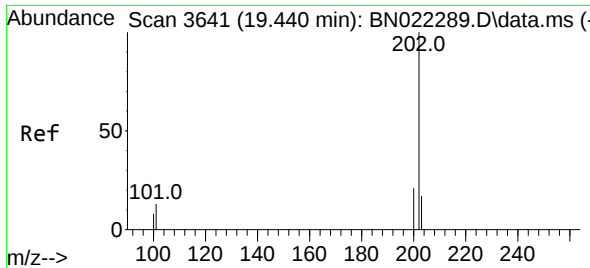
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#16
Anthracene
Concen: 4.450 ng/ul
RT: 17.509 min Scan# 3204
Delta R.T. -0.000 min
Lab File: BN022293.D
Acq: 24 Oct 2022 11:32

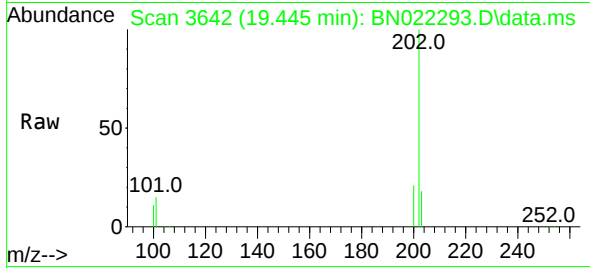
Tgt Ion:178 Resp: 198080
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 18.6 15.0 22.6





#19
Fluoranthene
Concen: 46.979 ng/u1
RT: 19.445 min Scan# 3642
Delta R.T. 0.005 min
Lab File: BN022293.D
Acq: 24 Oct 2022 11:32

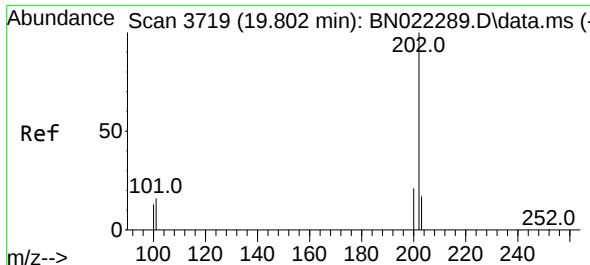
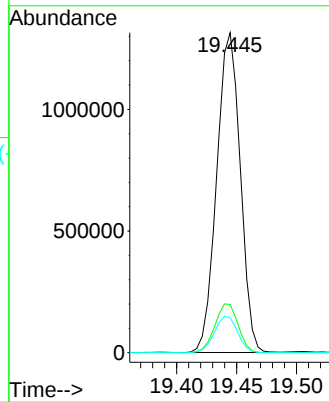
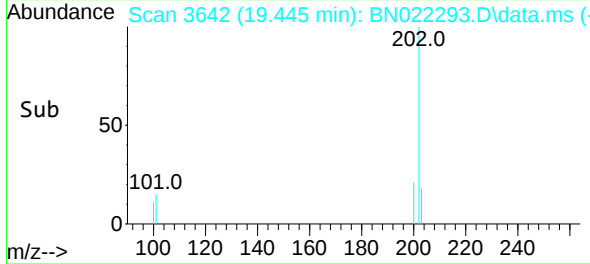
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ClientSampleId :
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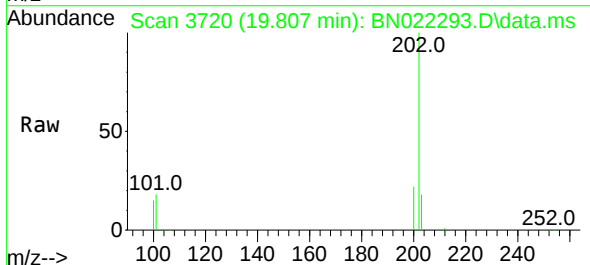
Tgt Ion:202 Resp: 1799118
Ion Ratio Lower Upper
202 100
101 15.0 11.8 17.6
100 11.0 8.7 13.1

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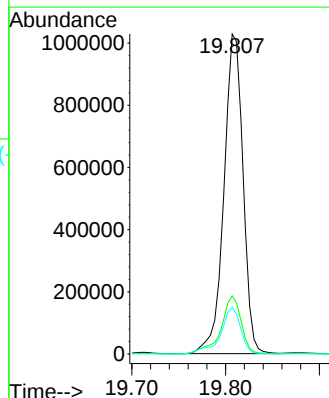
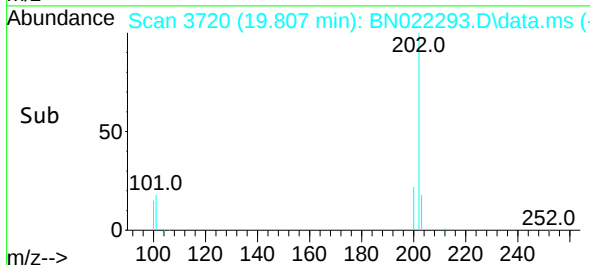
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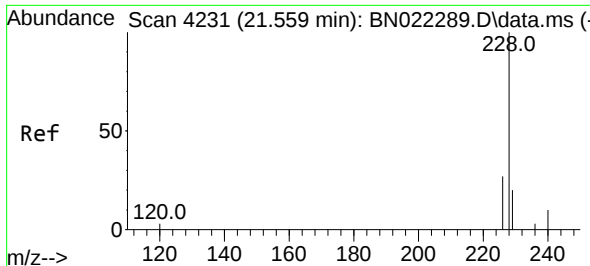


#20
Pyrene
Concen: 37.867 ng/u1
RT: 19.807 min Scan# 3720
Delta R.T. 0.005 min
Lab File: BN022293.D
Acq: 24 Oct 2022 11:32



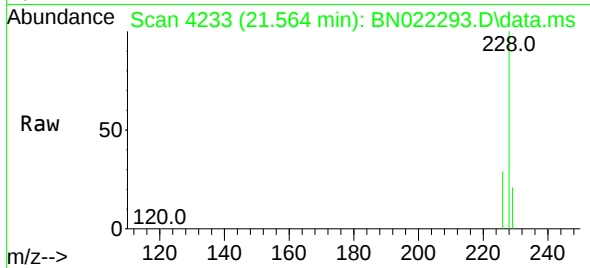
Tgt Ion:202 Resp: 1456861
Ion Ratio Lower Upper
202 100
101 18.2 13.1 19.7
100 14.6 10.6 16.0





#21
Benzo(a)anthracene
Concen: 22.484 ng/u1
RT: 21.564 min Scan# 41
Delta R.T. 0.006 min
Lab File: BN022293.D
Acq: 24 Oct 2022 11:32

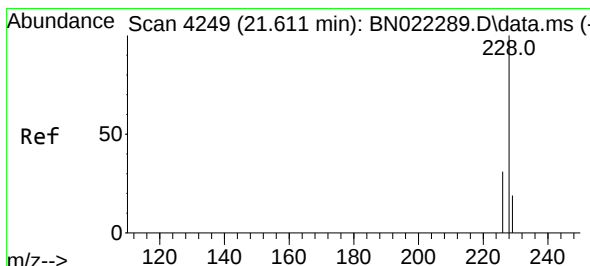
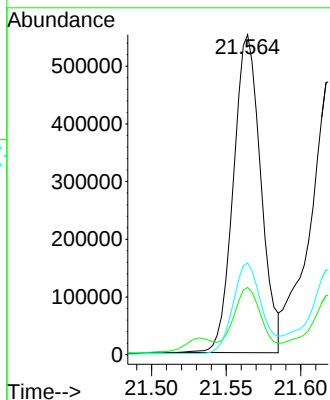
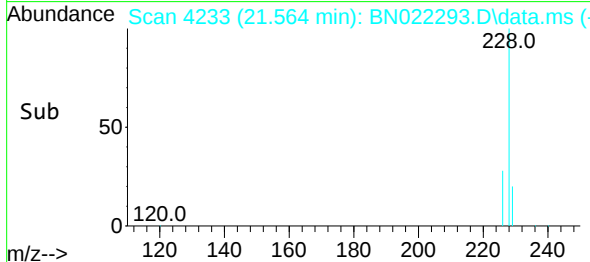
Instrument :
BNA_N
ClientSampleId :
C0BC1



Tgt Ion:228 Resp: 704360
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 28.7 21.5 32.3

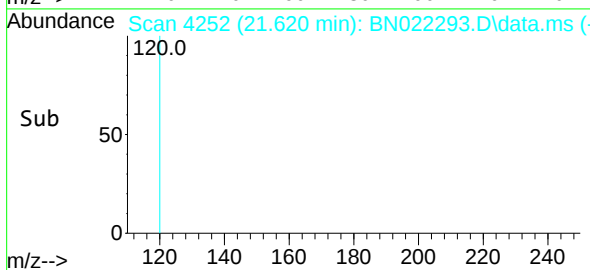
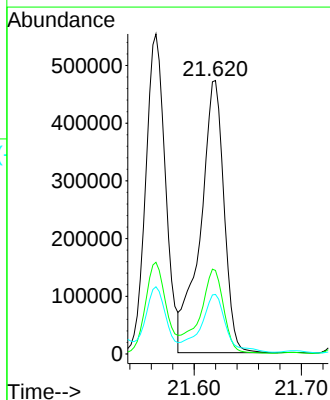
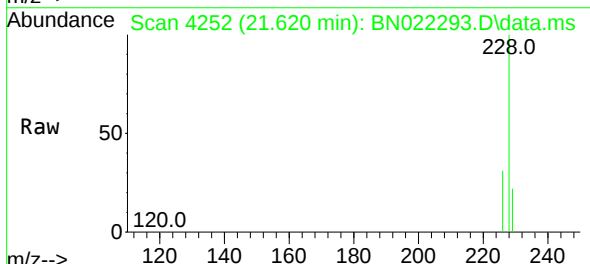
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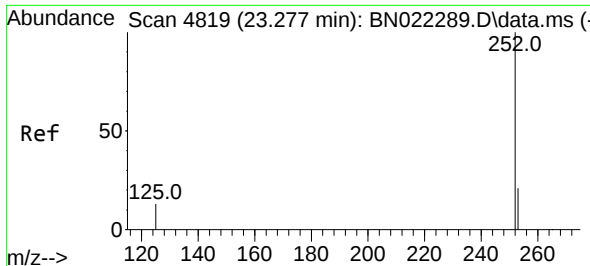
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#22
Chrysene
Concen: 21.723 ng/u1
RT: 21.620 min Scan# 4252
Delta R.T. 0.009 min
Lab File: BN022293.D
Acq: 24 Oct 2022 11:32

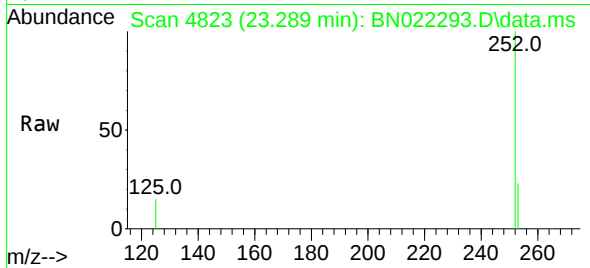
Tgt Ion:228 Resp: 721304
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 21.8 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 22.645 ng/ul m
RT: 23.289 min Scan# 4823
Delta R.T. 0.012 min
Lab File: BN022293.D
Acq: 24 Oct 2022 11:32

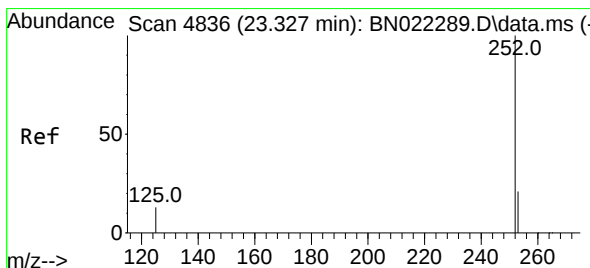
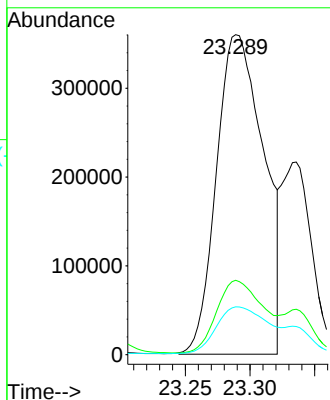
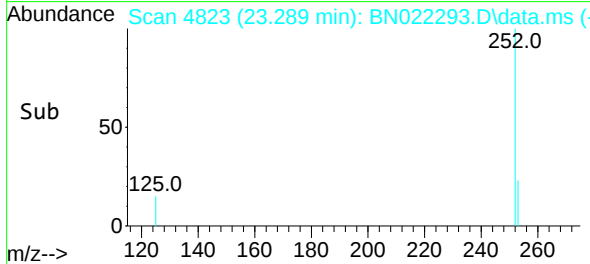
Instrument :
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ClientSampleId :
C0BC1



Tgt Ion:252 Resp: 913394
Ion Ratio Lower Upper
252 100
253 23.2 0.0 49.0
125 15.0 0.0 35.2

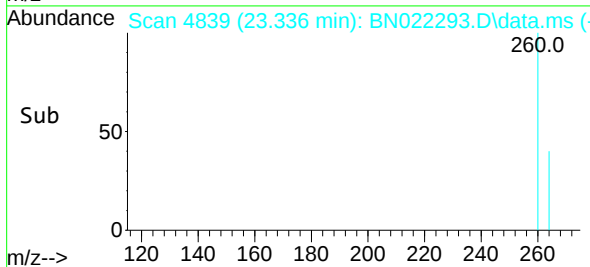
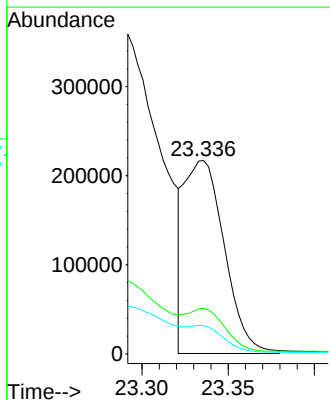
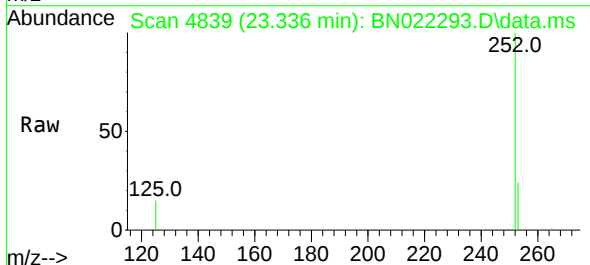
Manual Integrations
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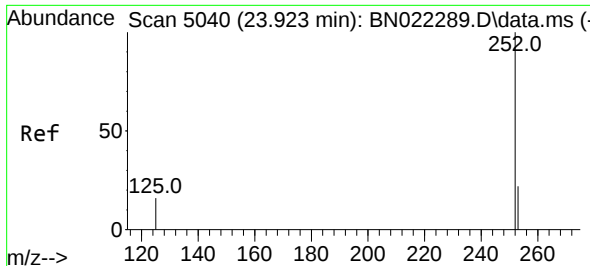
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#25
Benzo(k)fluoranthene
Concen: 8.890 ng/ul m
RT: 23.336 min Scan# 4839
Delta R.T. 0.009 min
Lab File: BN022293.D
Acq: 24 Oct 2022 11:32

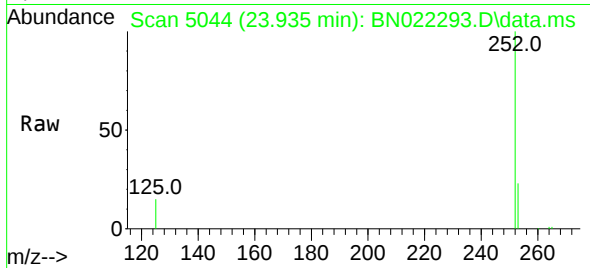
Tgt Ion:252 Resp: 348660
Ion Ratio Lower Upper
252 100
253 23.6 19.7 29.5
125 14.7 14.0 21.0





#26
Benzo(a)pyrene
Concen: 19.890 ng/ul
RT: 23.935 min Scan# 5044
Delta R.T. 0.015 min
Lab File: BN022293.D
Acq: 24 Oct 2022 11:32

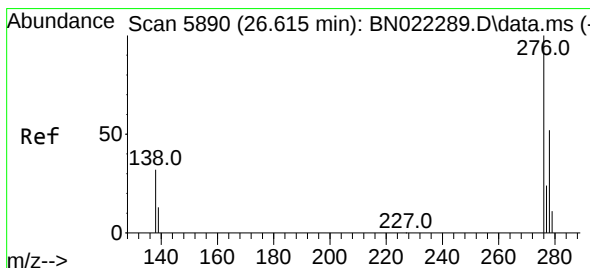
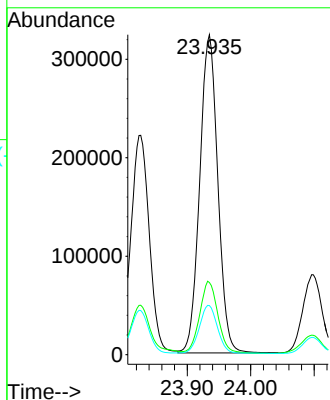
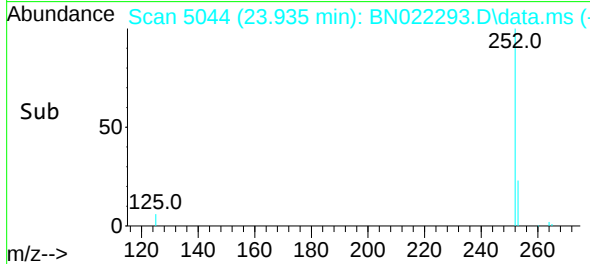
Instrument :
BNA_N
ClientSampleId :
C0BC1



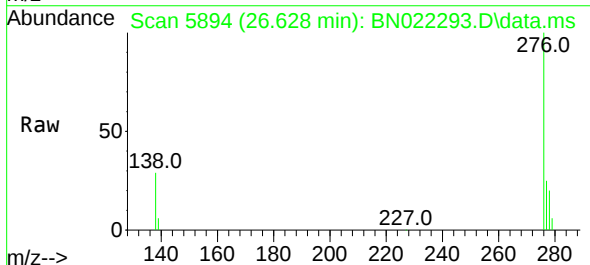
Tgt Ion:252 Resp: 63957
Ion Ratio Lower Upper
252 100
253 22.6 21.0 31.6
125 15.3 17.9 26.9

Manual Integrations
APPROVED

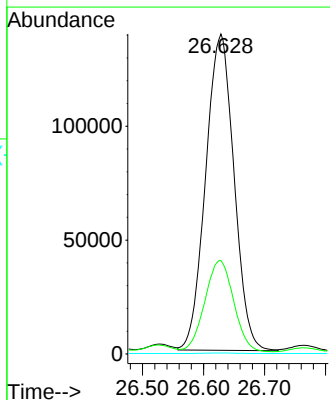
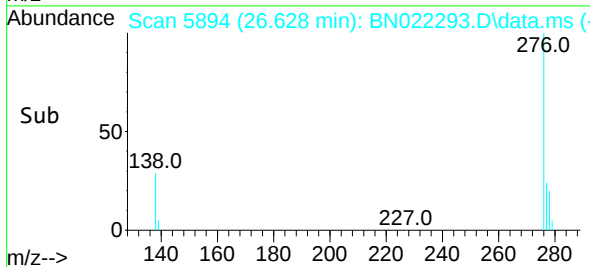
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

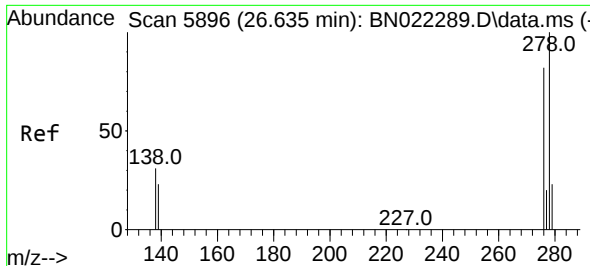


#27
Indeno(1,2,3-cd)pyrene
Concen: 11.217 ng/ul
RT: 26.628 min Scan# 5894
Delta R.T. 0.013 min
Lab File: BN022293.D
Acq: 24 Oct 2022 11:32



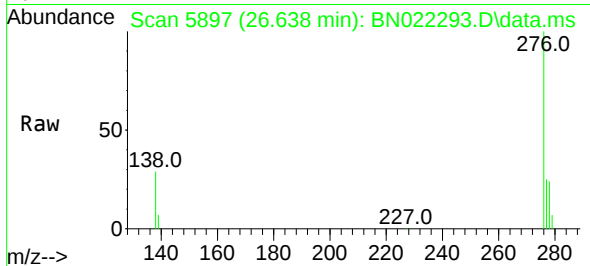
Tgt Ion:276 Resp: 448387
Ion Ratio Lower Upper
276 100
138 29.3 27.7 41.5
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 3.409 ng/ul
RT: 26.638 min Scan# 5896
Delta R.T. -0.000 min
Lab File: BN022293.D
Acq: 24 Oct 2022 11:32

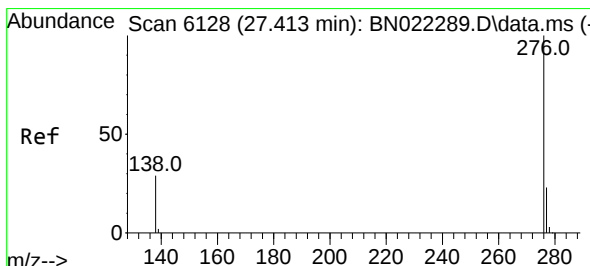
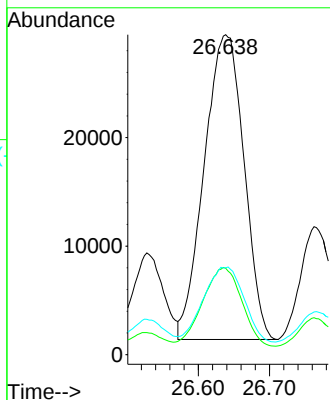
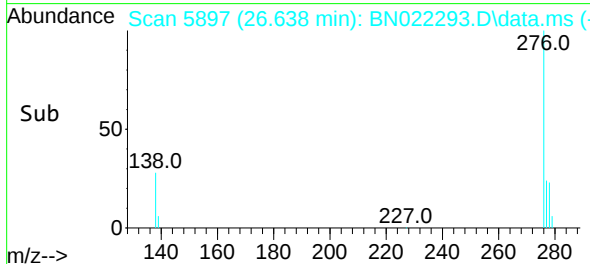
Instrument :
BNA_N
ClientSampleId :
C0BC1



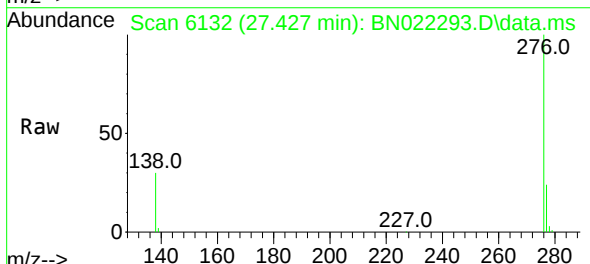
Tgt Ion:278 Resp: 108870
Ion Ratio Lower Upper
278 100
139 27.0 19.6 29.4
279 27.1 20.6 30.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#29
Benzo(g,h,i)perylene
Concen: 12.139 ng/ul
RT: 27.427 min Scan# 6132
Delta R.T. 0.017 min
Lab File: BN022293.D
Acq: 24 Oct 2022 11:32



Tgt Ion:276 Resp: 395338
Ion Ratio Lower Upper
276 100
138 29.8 25.2 37.8
277 24.3 19.9 29.9

