

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022267.D
 Acq On : 21 Oct 2022 23:08
 Operator : CG/JU
 Sample : N5064-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BS3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 01:24:42 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 : Wed Oct 19 23:32:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	4487	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	14505	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	7569	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	13802	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	9693	0.400	ng/ul	0.00
23) Perylene-d12	24.034	264	9084	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	37640	6.455	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	8679	0.395	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	13738	0.422	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	20066	0.468	ng/ul	100
7) 2-Methylnaphthalene	12.444	142	13633	0.505	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	11503	0.414	ng/ul	100
10) Acenaphthylene	14.341	152	8172	0.241	ng/ul#	95
11) Acenaphthene	14.683	153	722	0.025	ng/ul#	93
12) Fluorene	15.669	166	1258	0.038	ng/ul#	89
15) Phenanthrene	17.417	178	47808	1.032	ng/ul	99
16) Anthracene	17.509	178	8000	0.205	ng/ul	97
19) Fluoranthene	19.440	202	108162	2.436	ng/ul	99
20) Pyrene	19.807	202	87024m	1.951	ng/ul	
21) Benzo(a)anthracene	21.556	228	48048	1.323	ng/ul	97
22) Chrysene	21.611	228	53690	1.395	ng/ul	97
24) Benzo(b)fluoranthene	23.280	252	73038m	1.601	ng/ul	
25) Benzo(k)fluoranthene	23.324	252	22571m	0.509	ng/ul	
26) Benzo(a)pyrene	23.926	252	44972	1.237	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.612	276	37197	0.823	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.628	278	8871	0.246	ng/ul#	85
29) Benzo(g,h,i)perylene	27.417	276	30806	0.836	ng/ul	99

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

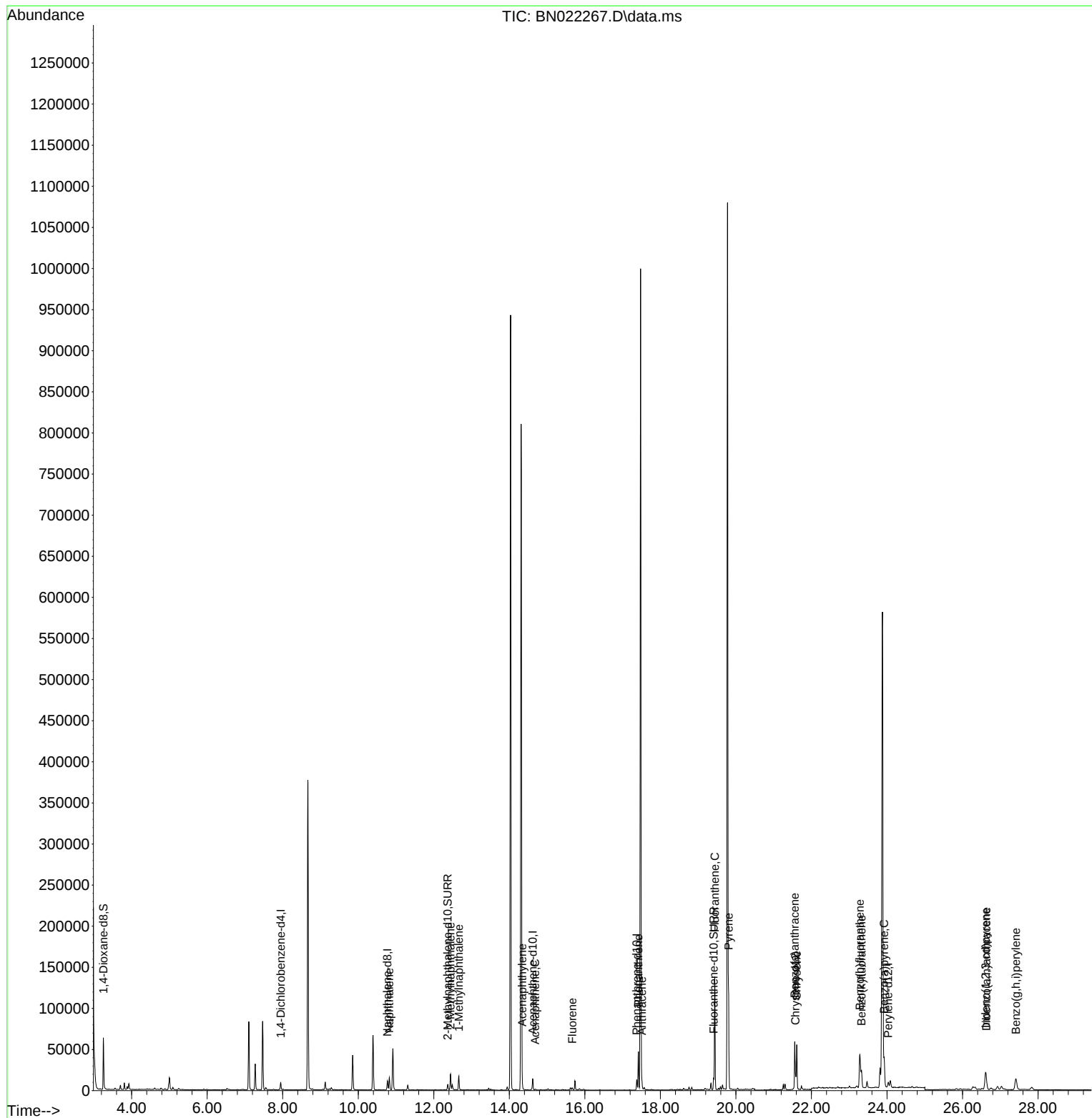
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022267.D
Acq On : 21 Oct 2022 23:08
Operator : CG/JU
Sample : N5064-19
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ALS Vial : 23 Sample Multiplier: 1

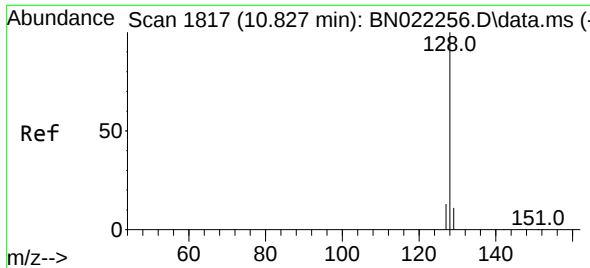
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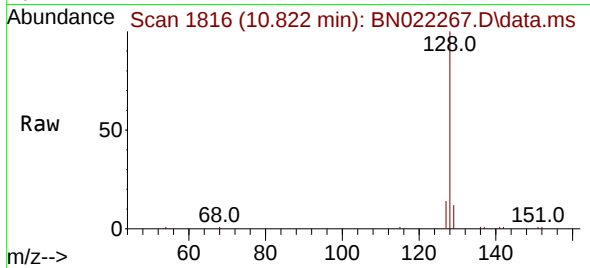
Quant Time: Oct 22 01:24:42 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.468 ng/ul
RT: 10.822 min Scan# 1817
Delta R.T. -0.010 min
Lab File: BN022267.D
Acq: 21 Oct 2022 23:08

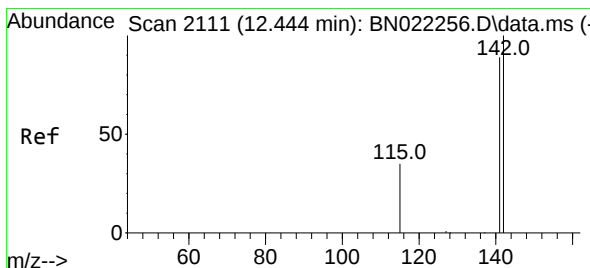
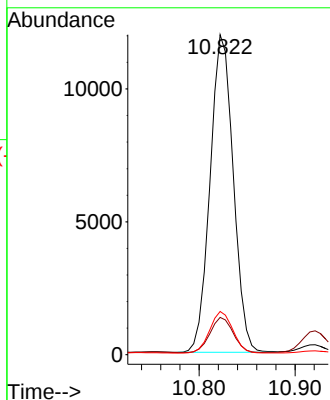
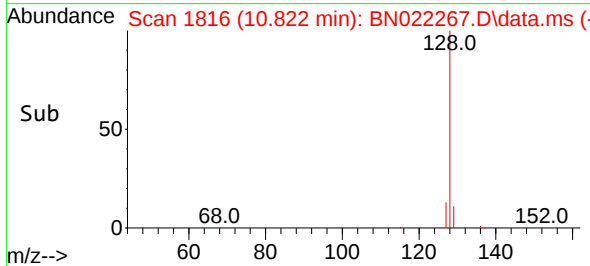
Instrument :
BNA_N
ClientSampleId :
C0BS3



Tgt Ion:128 Resp: 20060
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.5 10.7 16.1

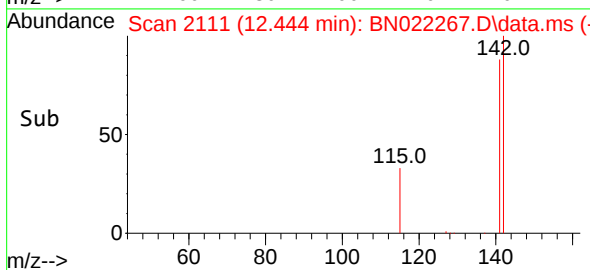
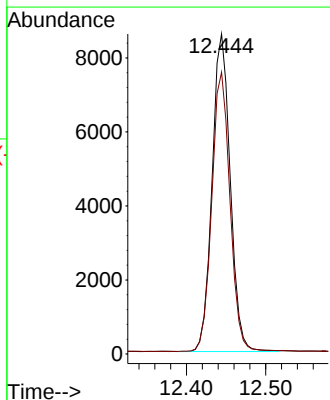
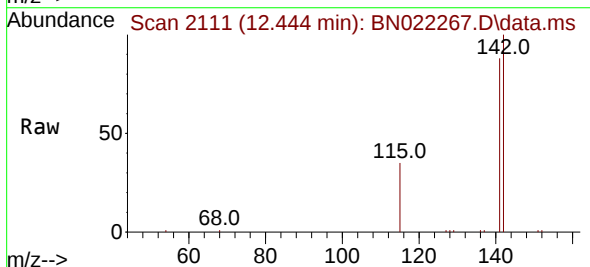
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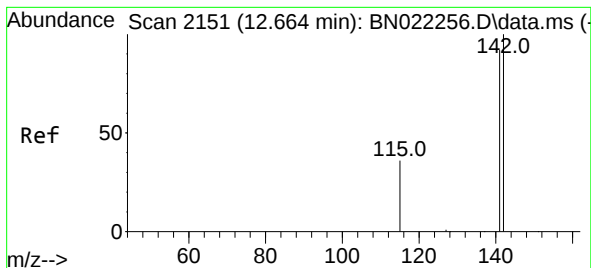
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#7
2-Methylnaphthalene
Concen: 0.505 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022267.D
Acq: 21 Oct 2022 23:08

Tgt Ion:142 Resp: 13633
Ion Ratio Lower Upper
142 100
141 88.3 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.414 ng/ul

RT: 12.664 min Scan# 2151

Delta R.T. -0.004 min

Lab File: BN022267.D

Acq: 21 Oct 2022 23:08

Instrument :

BNA_N

ClientSampleId :

C0BS3

Tgt Ion:142 Resp: 1150

Ion Ratio Lower Upper

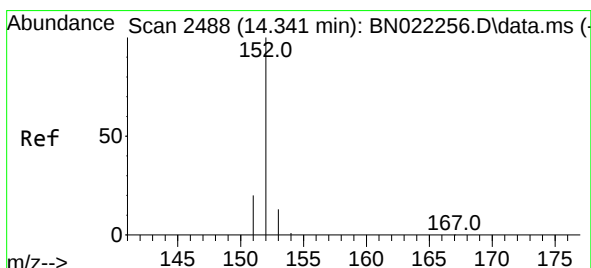
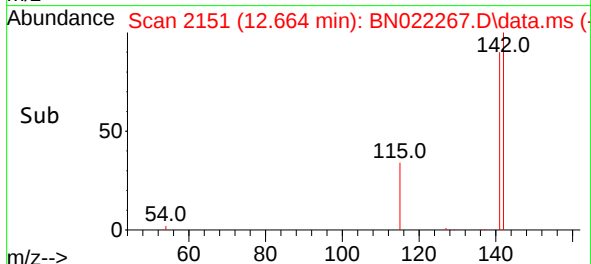
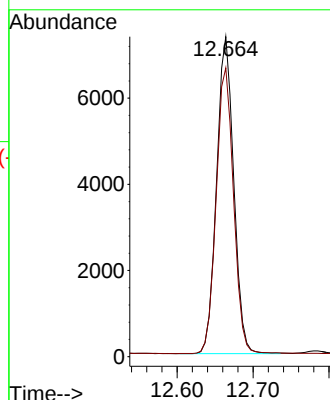
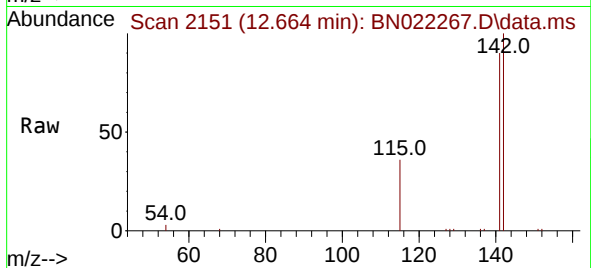
142 100

141 91.5 73.3 109.9

Manual Integrations

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Supervised By :mohammad ahmed 10/24/2022



#10

Acenaphthylene

Concen: 0.241 ng/ul

RT: 14.341 min Scan# 2488

Delta R.T. -0.008 min

Lab File: BN022267.D

Acq: 21 Oct 2022 23:08

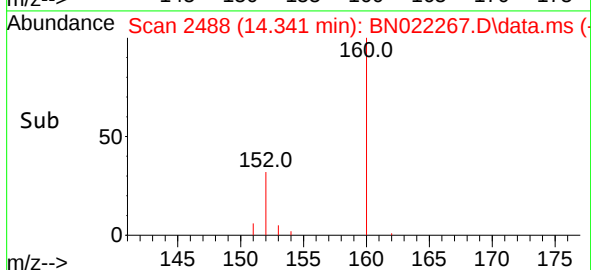
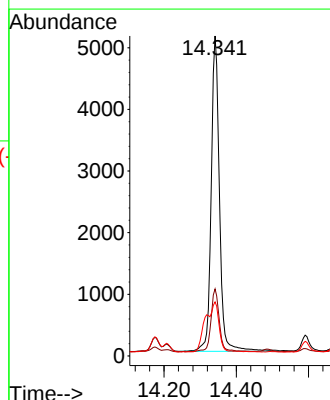
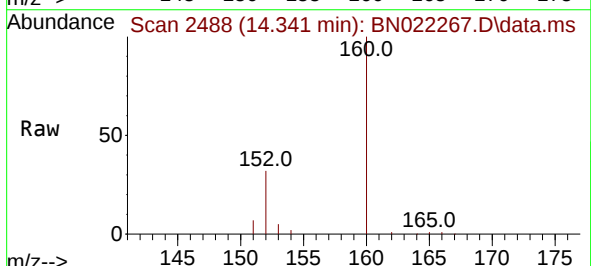
Tgt Ion:152 Resp: 8172

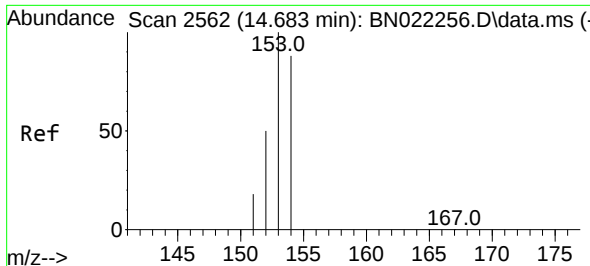
Ion Ratio Lower Upper

152 100

151 20.9 15.9 23.9

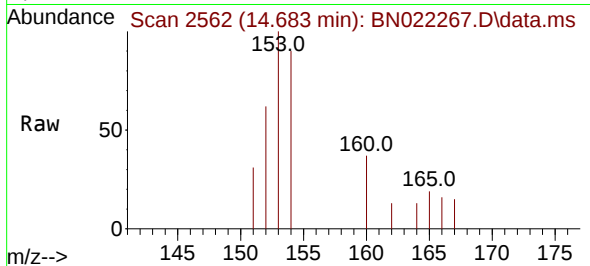
153 16.9 10.8 16.2#





#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022267.D
Acq: 21 Oct 2022 23:08

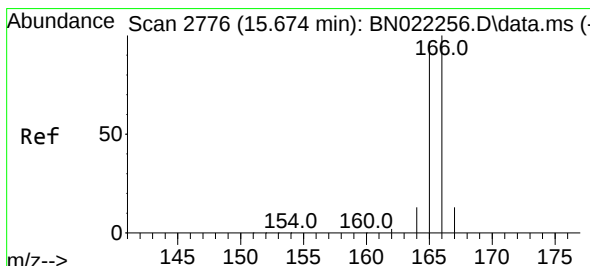
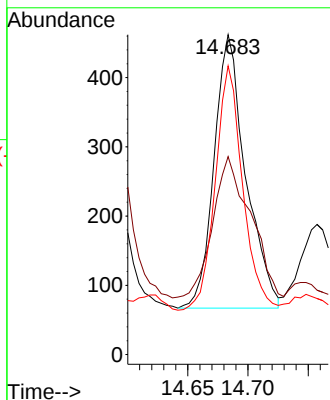
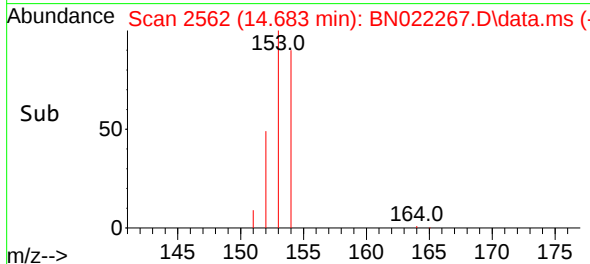
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 722
Ion Ratio Lower Upper
153 100
152 61.9 40.6 61.0
154 90.3 70.6 106.0

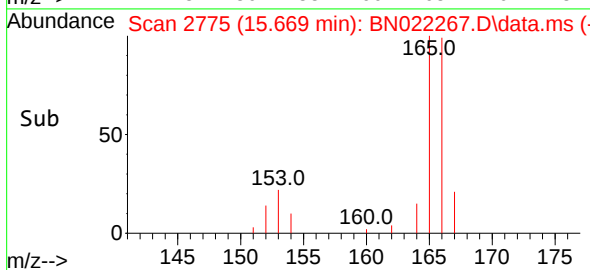
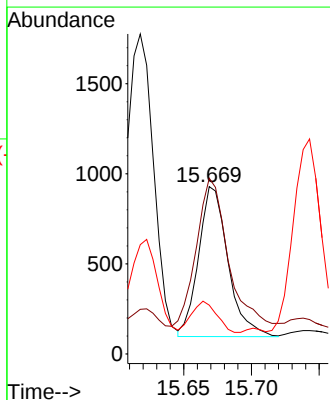
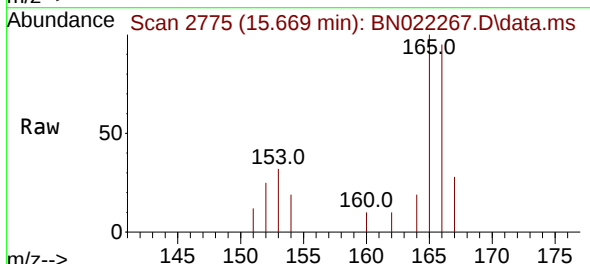
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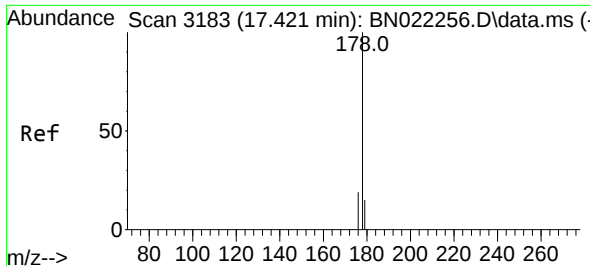
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.669 min Scan# 2775
Delta R.T. -0.008 min
Lab File: BN022267.D
Acq: 21 Oct 2022 23:08

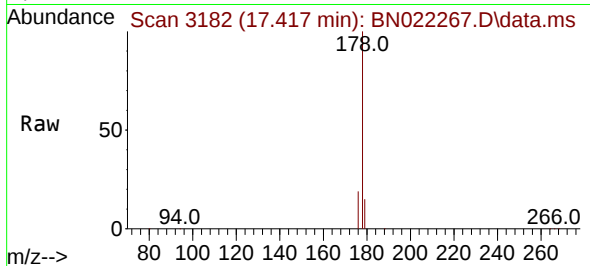
Tgt Ion:166 Resp: 1258
Ion Ratio Lower Upper
166 100
165 105.0 78.2 117.2
167 29.2 11.0 16.4





#15
Phenanthrene
Concen: 1.032 ng/u1
RT: 17.417 min Scan# 3183
Delta R.T. -0.007 min
Lab File: BN022267.D
Acq: 21 Oct 2022 23:08

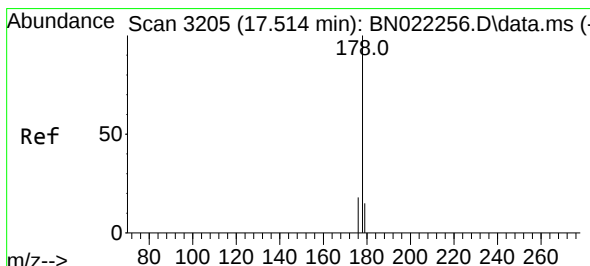
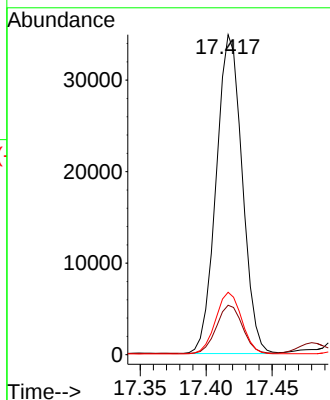
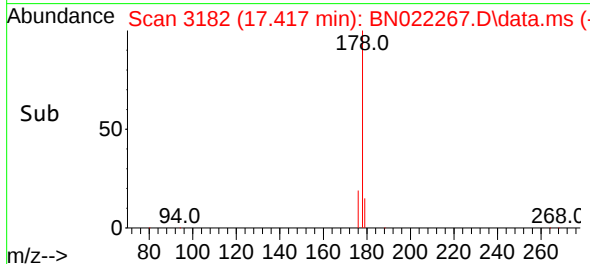
Instrument :
BNA_N
ClientSampleId :
C0BS3



Tgt Ion:178 Resp: 47808
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 19.5 15.4 23.2

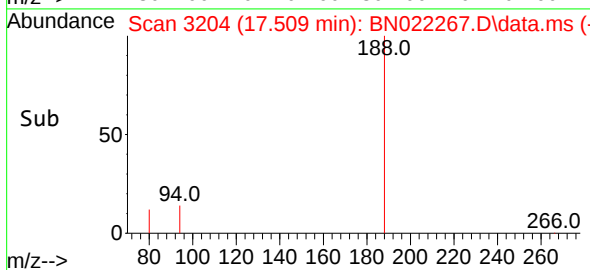
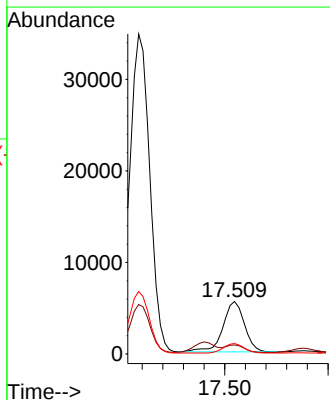
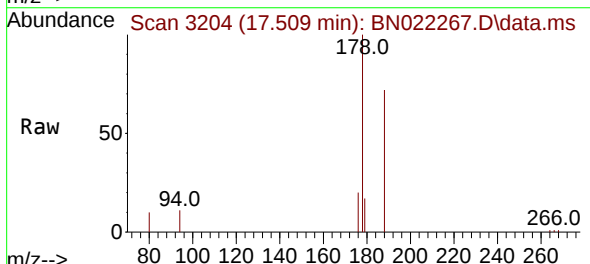
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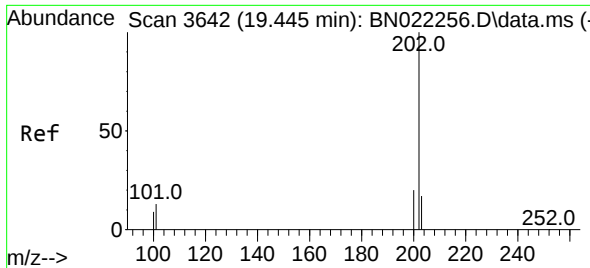
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#16
Anthracene
Concen: 0.205 ng/u1
RT: 17.509 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022267.D
Acq: 21 Oct 2022 23:08

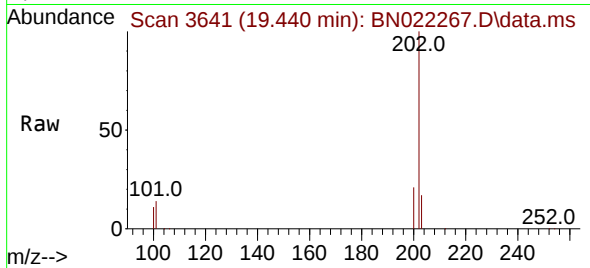
Tgt Ion:178 Resp: 8000
Ion Ratio Lower Upper
178 100
179 17.1 12.6 18.8
176 19.7 15.0 22.6





#19
Fluoranthene
Concen: 2.436 ng/ul
RT: 19.440 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BN022267.D
Acq: 21 Oct 2022 23:08

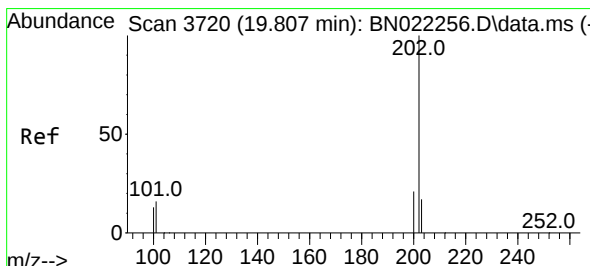
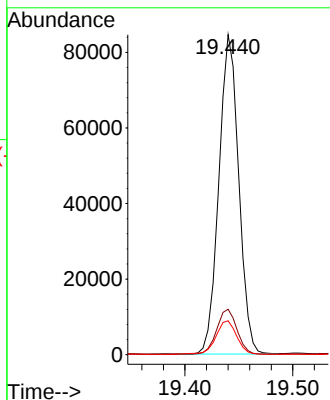
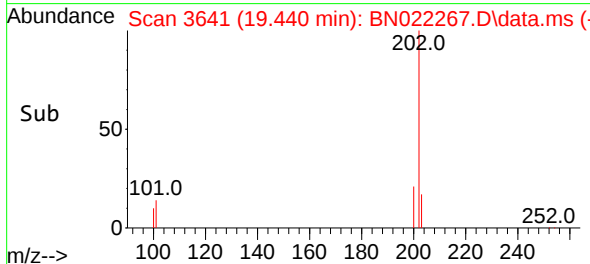
Instrument :
BNA_N
ClientSampleId :
C0BS3



Tgt Ion:202 Resp: 10816
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 10.6 8.7 13.1

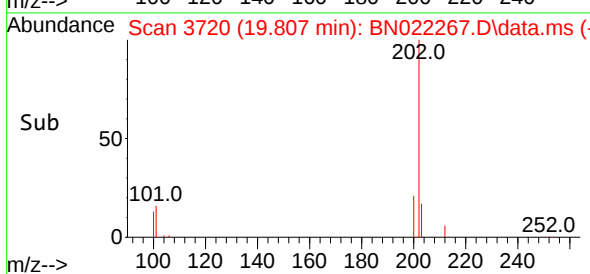
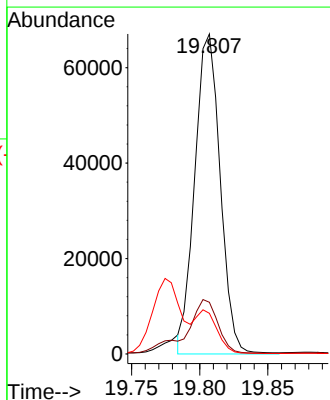
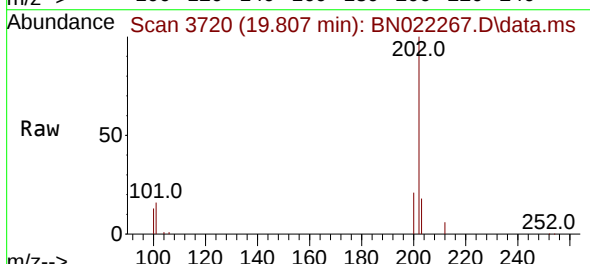
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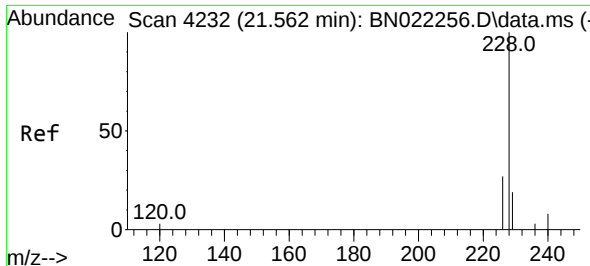
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#20
Pyrene
Concen: 1.951 ng/ul m
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022267.D
Acq: 21 Oct 2022 23:08

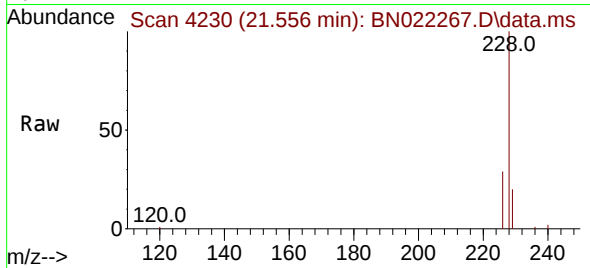
Tgt Ion:202 Resp: 87024
Ion Ratio Lower Upper
202 100
101 16.1 13.1 19.7
100 12.7 10.6 16.0





#21
Benzo(a)anthracene
Concen: 1.323 ng/u1
RT: 21.556 min Scan# 41
Delta R.T. -0.012 min
Lab File: BN022267.D
Acq: 21 Oct 2022 23:08

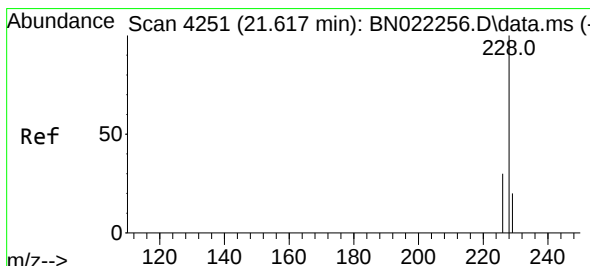
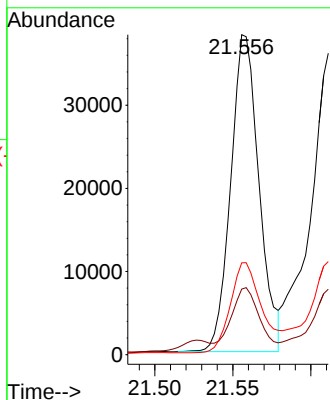
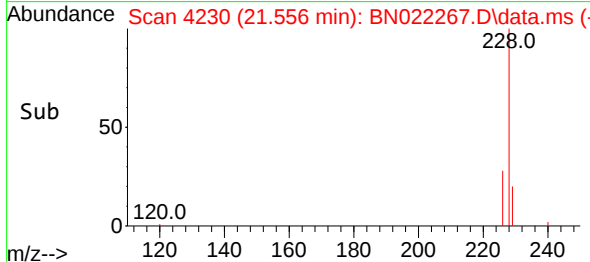
Instrument :
BNA_N
ClientSampleId :
C0BS3



Tgt Ion:228 Resp: 4804
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 28.7 21.5 32.3

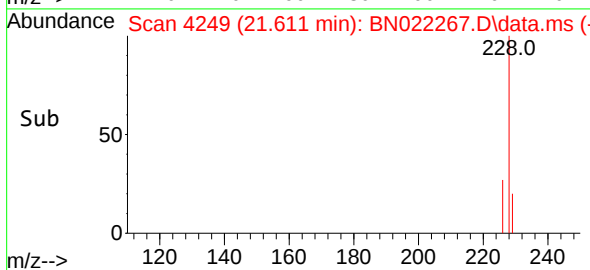
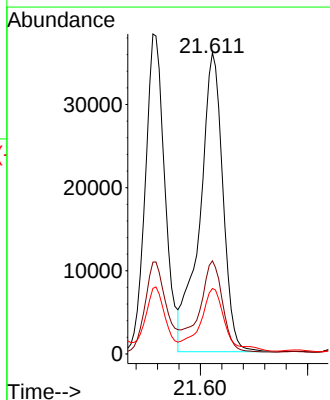
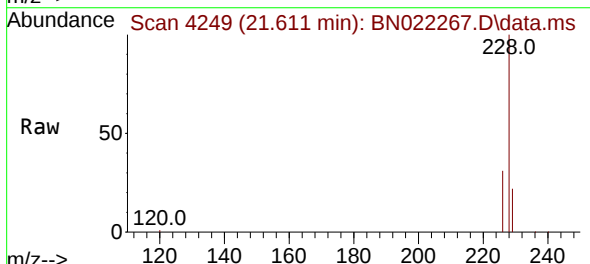
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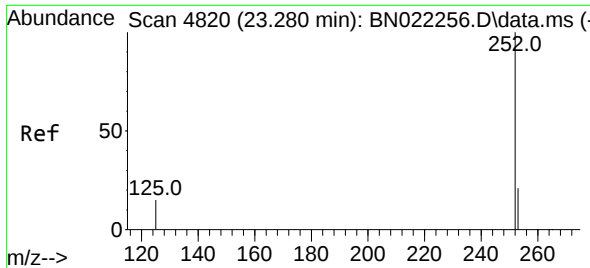
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#22
Chrysene
Concen: 1.395 ng/u1
RT: 21.611 min Scan# 4249
Delta R.T. -0.009 min
Lab File: BN022267.D
Acq: 21 Oct 2022 23:08

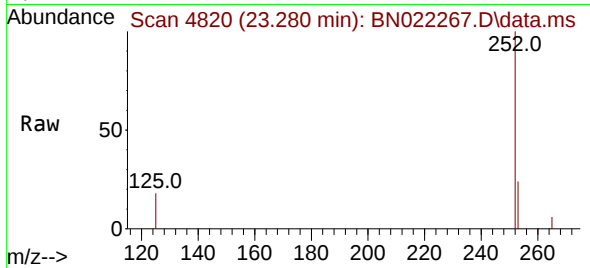
Tgt Ion:228 Resp: 53690
Ion Ratio Lower Upper
228 100
226 30.9 23.9 35.9
229 21.7 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.601 ng/ul m
RT: 23.280 min Scan# 4820
Delta R.T. -0.009 min
Lab File: BN022267.D
Acq: 21 Oct 2022 23:08

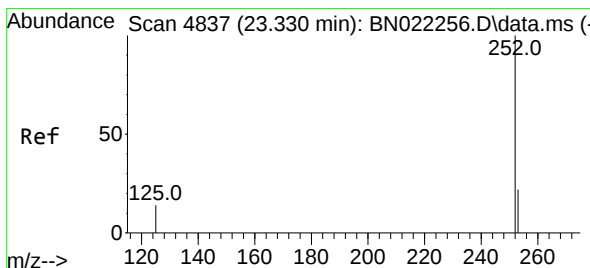
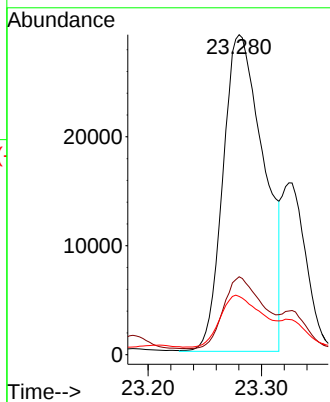
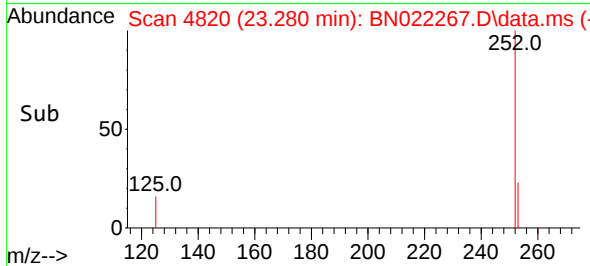
Instrument :
BNA_N
ClientSampleId :
C0BS3



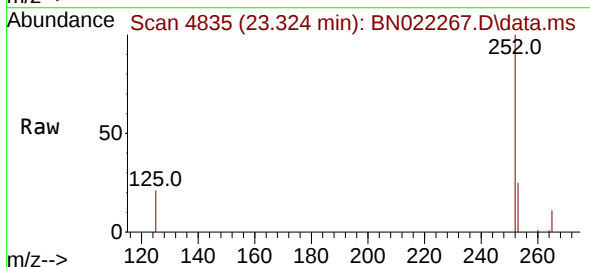
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Ion Ratio Lower Upper
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253 24.4 0.0 49.0
125 18.2 0.0 35.2

Manual Integrations
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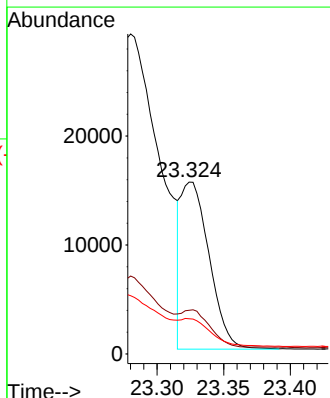
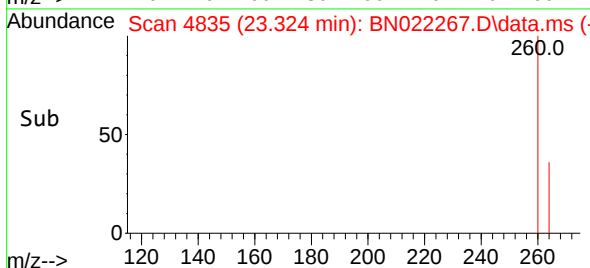
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

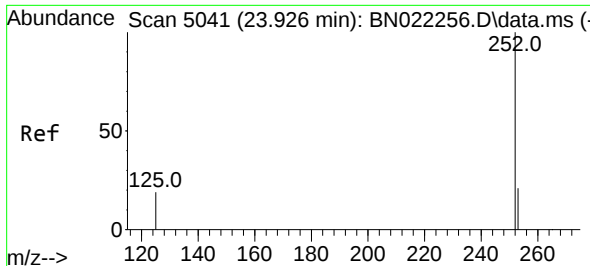


#25
Benzo(k)fluoranthene
Concen: 0.509 ng/ul m
RT: 23.324 min Scan# 4835
Delta R.T. -0.015 min
Lab File: BN022267.D
Acq: 21 Oct 2022 23:08



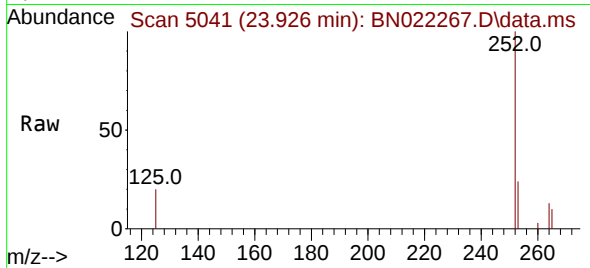
Tgt Ion:252 Resp: 22571
Ion Ratio Lower Upper
252 100
253 25.5 19.7 29.5
125 20.5 14.0 21.0





#26
Benzo(a)pyrene
Concen: 1.237 ng/ul
RT: 23.926 min Scan# 5041
Delta R.T. -0.009 min
Lab File: BN022267.D
Acq: 21 Oct 2022 23:08

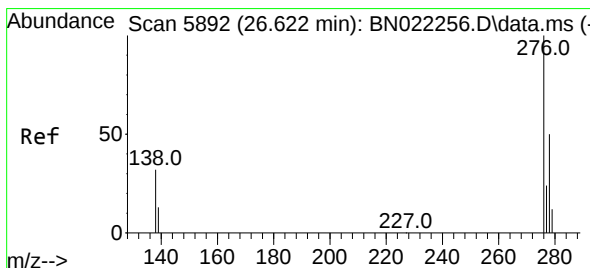
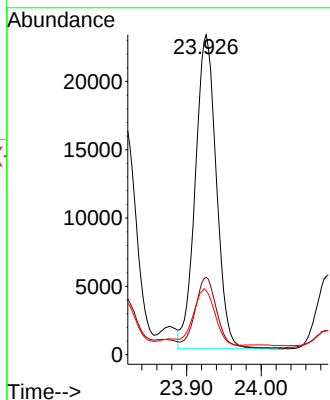
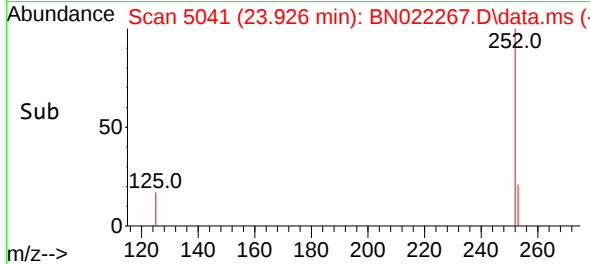
Instrument :
BNA_N
ClientSampleId :
C0BS3



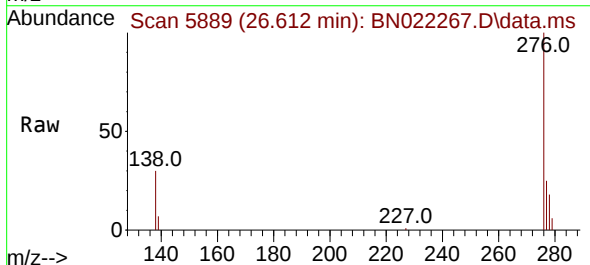
Tgt Ion:252 Resp: 44972
Ion Ratio Lower Upper
252 100
253 24.2 21.0 31.6
125 20.0 17.9 26.9

Manual Integrations
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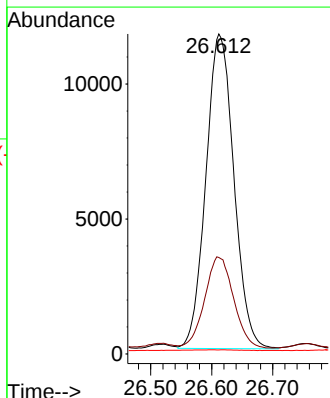
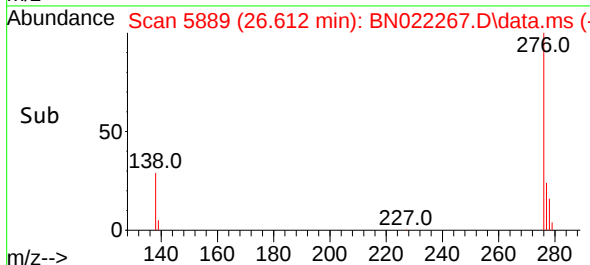
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

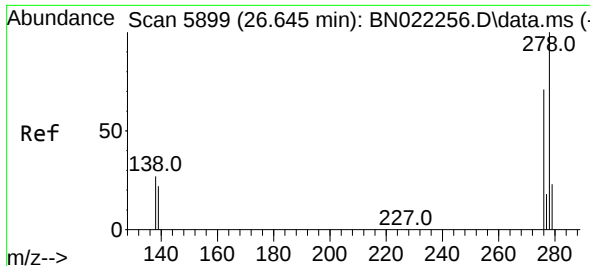


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.823 ng/ul
RT: 26.612 min Scan# 5889
Delta R.T. -0.024 min
Lab File: BN022267.D
Acq: 21 Oct 2022 23:08



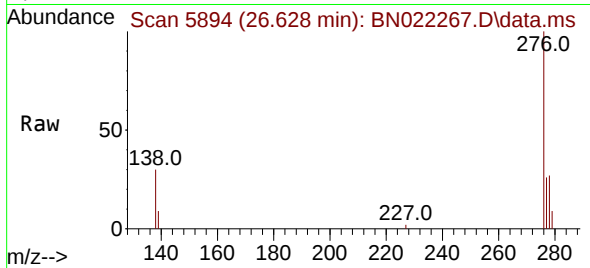
Tgt Ion:276 Resp: 37197
Ion Ratio Lower Upper
276 100
138 29.7 27.7 41.5
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.246 ng/ul
RT: 26.628 min Scan# 5894
Delta R.T. -0.027 min
Lab File: BN022267.D
Acq: 21 Oct 2022 23:08

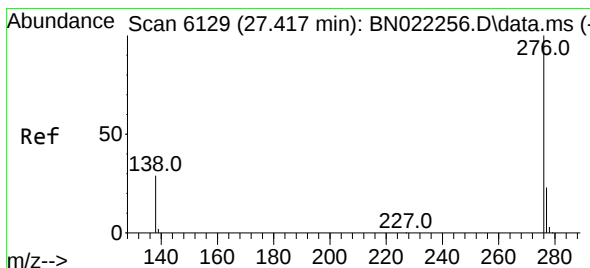
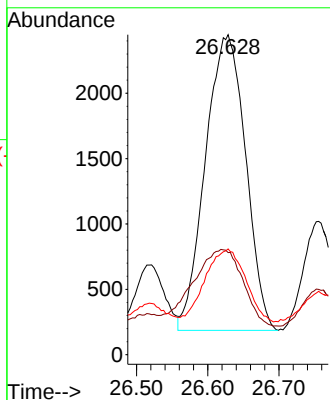
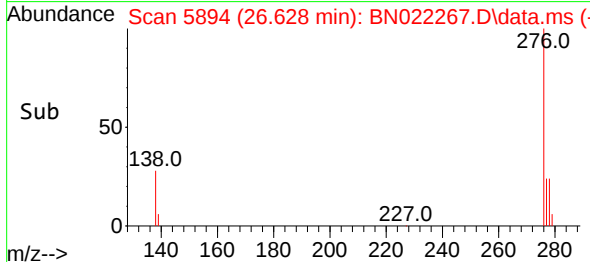
Instrument :
BNA_N
ClientSampleId :
C0BS3



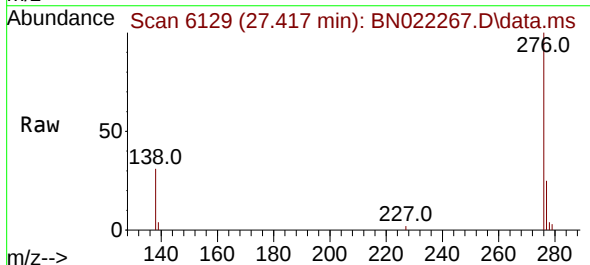
Tgt Ion:278 Resp: 887
Ion Ratio Lower Upper
278 100
139 31.9 19.6 29.4
279 33.0 20.6 30.8

Manual Integrations
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Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.836 ng/ul
RT: 27.417 min Scan# 6129
Delta R.T. -0.014 min
Lab File: BN022267.D
Acq: 21 Oct 2022 23:08



Tgt Ion:276 Resp: 30806
Ion Ratio Lower Upper
276 100
138 30.7 25.2 37.8
277 24.8 19.9 29.9

