

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033190.D
 Acq On : 02 Aug 2024 05:45
 Operator : MA/JU
 Sample : P3265-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D40

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 06:09:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.465	152	4212m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.229	136	12930	0.400	ng/ul	#-0.09
9) Acenaphthene-d10	14.115	164	7453	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.882	188	16789	0.400	ng/ul	-0.06
17) Chrysene-d12	21.107	240	10714	0.400	ng/ul	#-0.04
23) Perylene-d12	23.284	264	11820m	0.400	ng/ul	-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.048	96	9293	1.744	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.840	152	2689	0.127	ng/ul	-0.09
18) Fluoranthene-d10	18.925	212	6254	0.206	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.278	128	12268	0.369	ng/ul	95
7) 2-Methylnaphthalene	11.912	142	4745	0.211	ng/ul	97
8) 1-Methylnaphthalene	12.132	142	3423	0.141	ng/ul	100
10) Acenaphthylene	13.838	152	30305	0.994	ng/ul	98
11) Acenaphthene	14.180	153	13217	0.576	ng/ul	99
12) Fluorene	15.179	166	15851	0.593	ng/ul	100
14) Pentachlorophenol	16.574	266	184	0.054	ng/ul#	75
15) Phenanthrene	16.920	178	374787	8.323	ng/ul	98
16) Anthracene	17.017	178	67713	1.672	ng/ul	98
19) Fluoranthene	18.958	202	866441	24.561	ng/ul	97
20) Pyrene	19.325	202	679236	17.955	ng/ul	98
21) Benzo(a)anthracene	21.093	228	309117	8.458	ng/ul	100
22) Chrysene	21.145	228	372855	8.742	ng/ul	100
24) Benzo(b)fluoranthene	22.635	252	521995m	15.118	ng/ul	
25) Benzo(k)fluoranthene	22.673	252	165632m	4.003	ng/ul	
26) Benzo(a)pyrene	23.188	252	227640	7.005	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.456	276	231311	4.681	ng/ul	92
28) Dibenzo(a,h)anthracene	25.450	278	69551	1.776	ng/ul	96
29) Benzo(g,h,i)perylene	26.131	276	41400	1.054	ng/ul	93

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

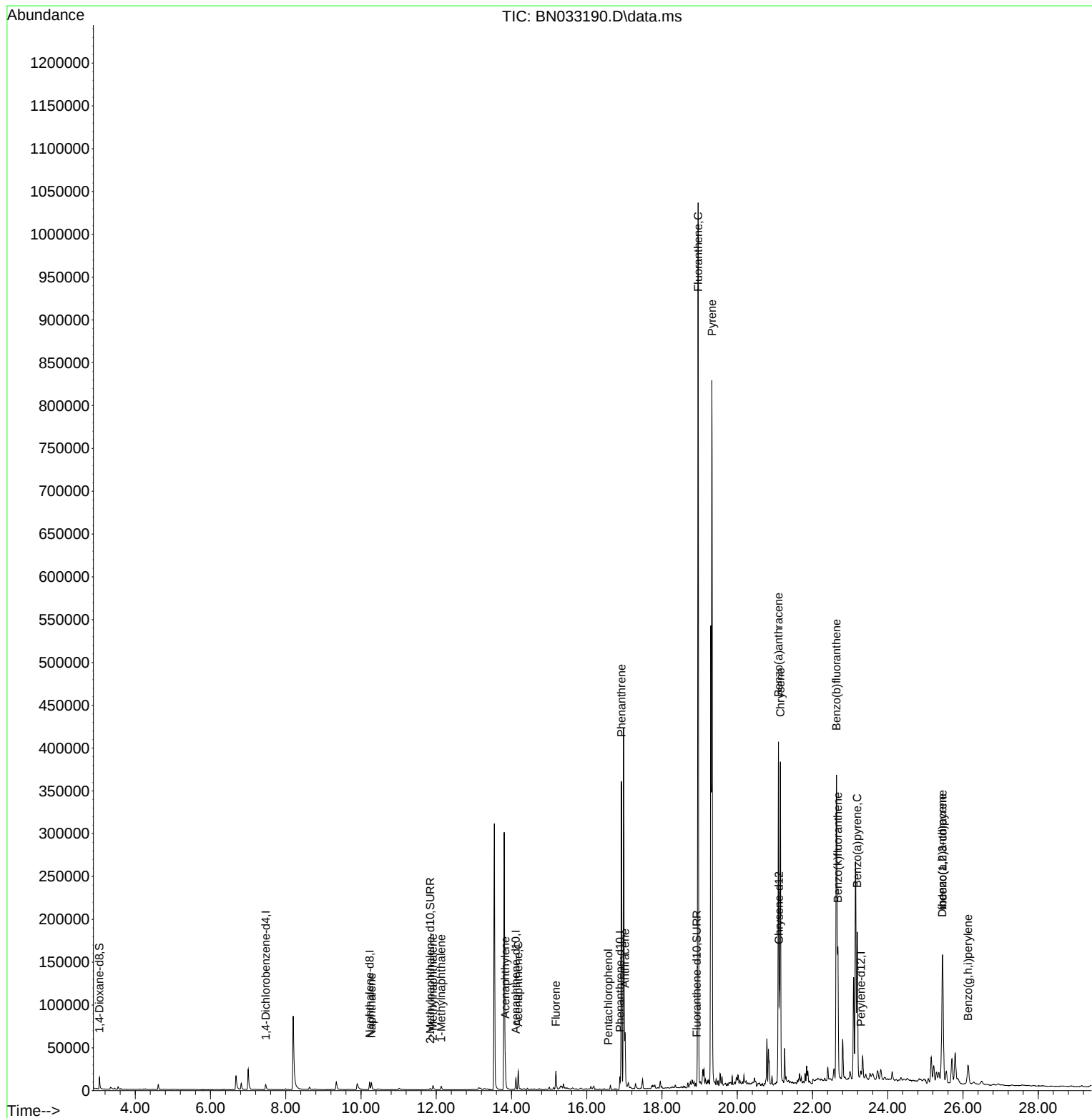
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033190.D
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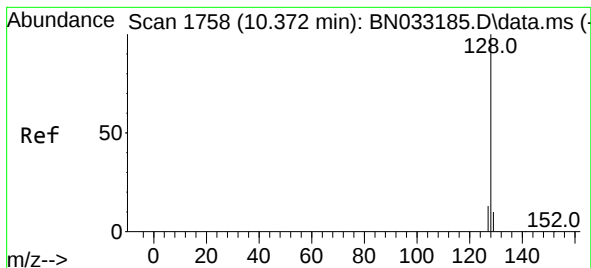
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#5

Naphthalene

Concen: 0.369 ng/ul

RT: 10.278 min Scan# 11

Delta R.T. -0.099 min

Lab File: BN033190.D

Acq: 02 Aug 2024 05:45

Instrument :

BNA_N

ClientSampleId :

A4D40

Tgt Ion:128 Resp: 1226

Ion Ratio Lower Upper

128 100

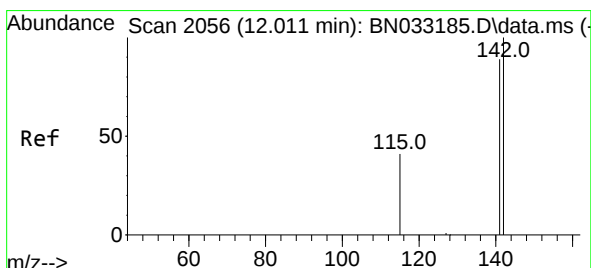
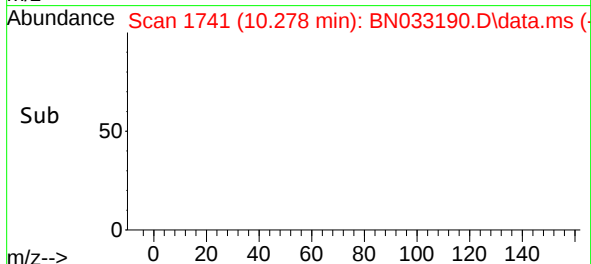
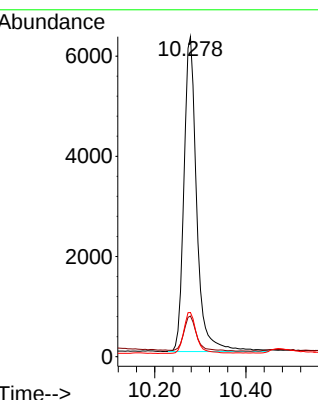
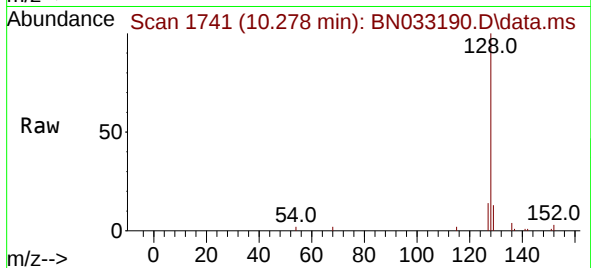
129 12.7 12.0 18.0

127 13.8 12.7 19.1

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.211 ng/ul

RT: 11.912 min Scan# 2038

Delta R.T. -0.093 min

Lab File: BN033190.D

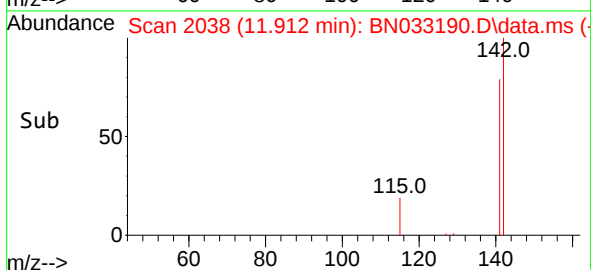
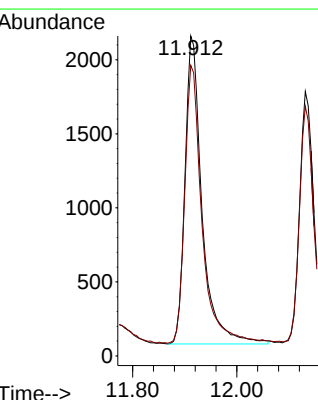
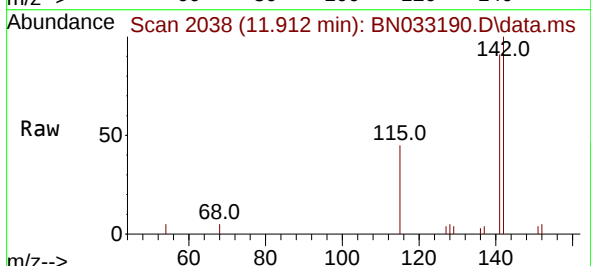
Acq: 02 Aug 2024 05:45

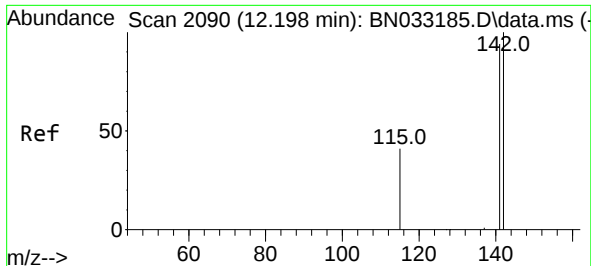
Tgt Ion:142 Resp: 4745

Ion Ratio Lower Upper

142 100

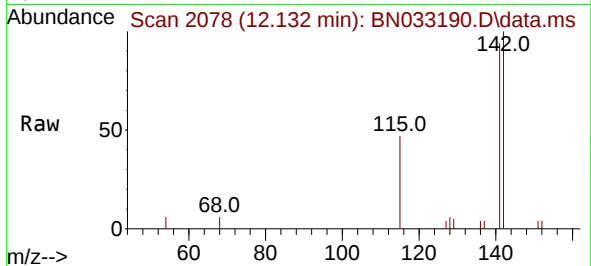
141 91.1 75.2 112.8





#8
1-Methylnaphthalene
Concen: 0.141 ng/ul
RT: 12.132 min Scan# 2090
Delta R.T. -0.066 min
Lab File: BN033190.D
Acq: 02 Aug 2024 05:45

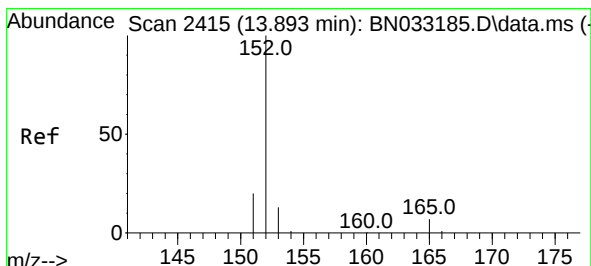
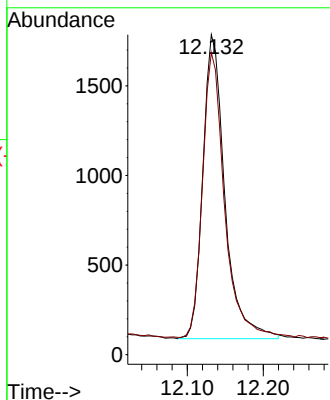
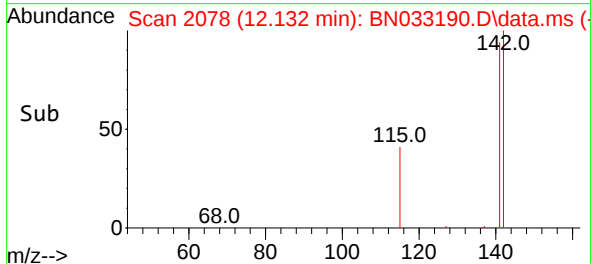
Instrument :
BNA_N
ClientSampleId :
A4D40



Tgt Ion:142 Resp: 342
Ion Ratio Lower Upper
142 100
141 93.0 74.3 111.5

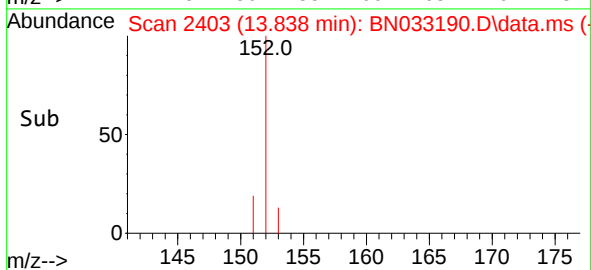
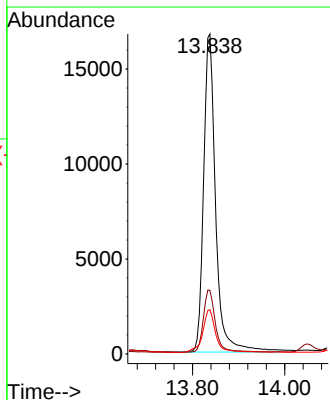
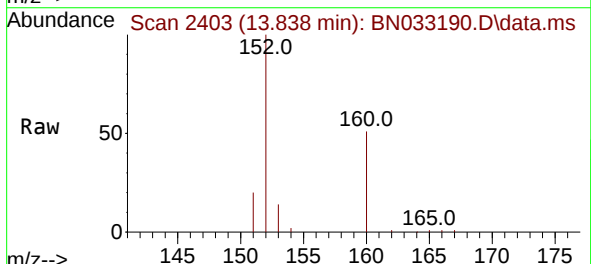
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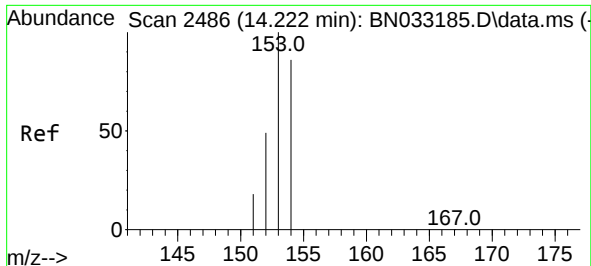
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#10
Acenaphthylene
Concen: 0.994 ng/ul
RT: 13.838 min Scan# 2403
Delta R.T. -0.060 min
Lab File: BN033190.D
Acq: 02 Aug 2024 05:45

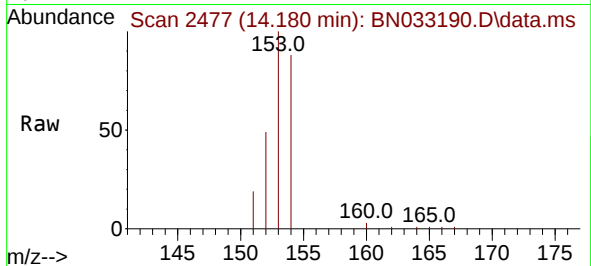
Tgt Ion:152 Resp: 30305
Ion Ratio Lower Upper
152 100
151 19.9 16.8 25.2
153 13.8 11.9 17.9





#11
Acenaphthene
Concen: 0.576 ng/ul
RT: 14.180 min Scan# 2486
Delta R.T. -0.046 min
Lab File: BN033190.D
Acq: 02 Aug 2024 05:45

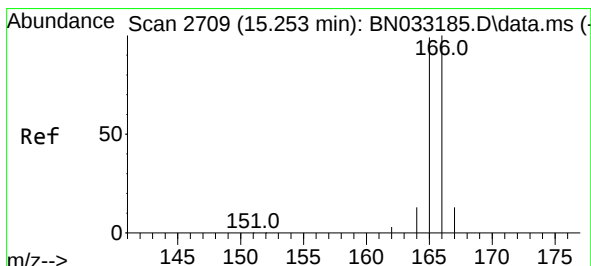
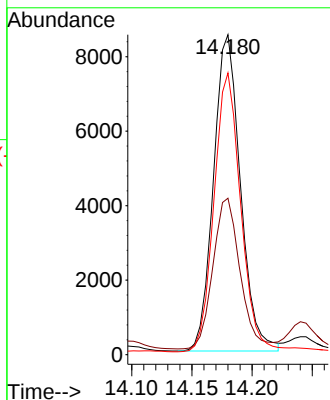
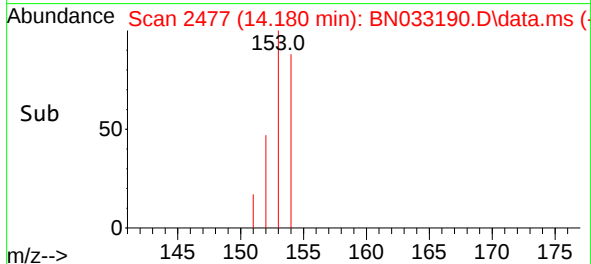
Instrument :
BNA_N
ClientSampleId :
A4D40



Tgt Ion:153 Resp: 1321
Ion Ratio Lower Upper
153 100
152 48.9 40.0 60.0
154 88.0 70.1 105.1

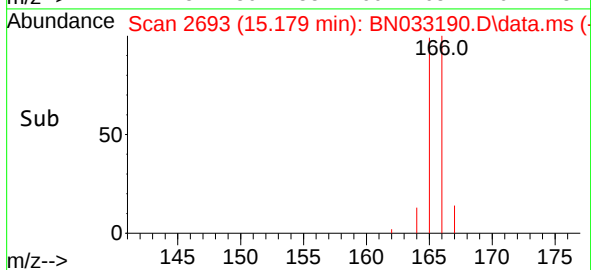
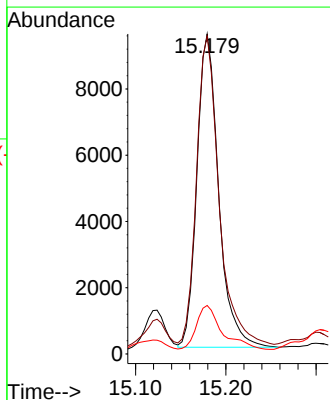
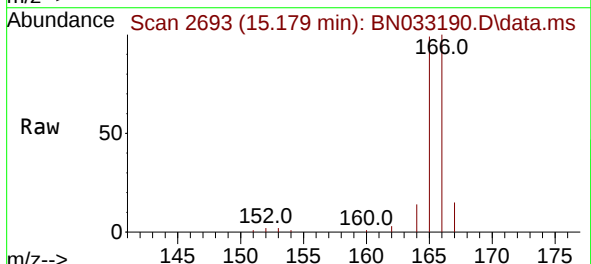
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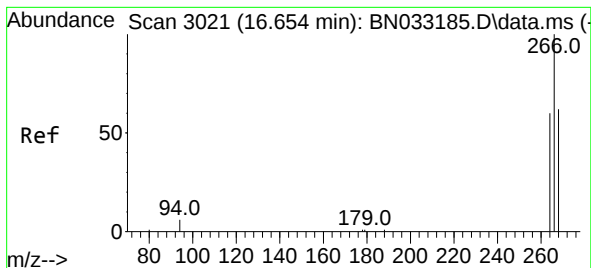
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#12
Fluorene
Concen: 0.593 ng/ul
RT: 15.179 min Scan# 2693
Delta R.T. -0.069 min
Lab File: BN033190.D
Acq: 02 Aug 2024 05:45

Tgt Ion:166 Resp: 15851
Ion Ratio Lower Upper
166 100
165 99.3 79.6 119.4
167 15.2 12.2 18.4





#14

Pentachlorophenol

Concen: 0.054 ng/ul

RT: 16.574 min Scan# 3021

Delta R.T. -0.067 min

Lab File: BN033190.D

Acq: 02 Aug 2024 05:45

Instrument :

BNA_N

ClientSampleId :

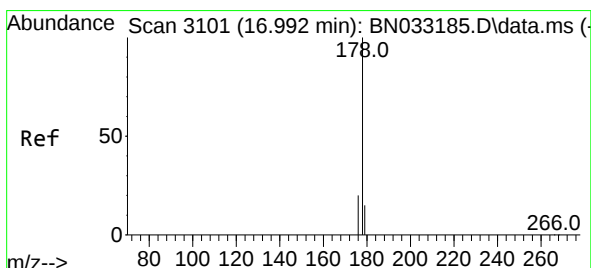
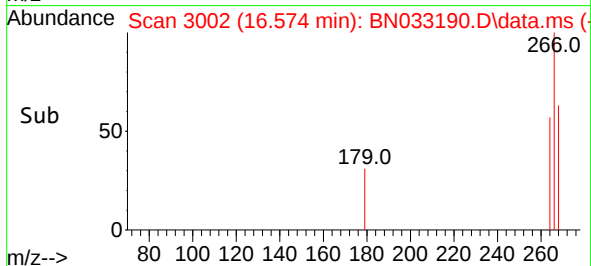
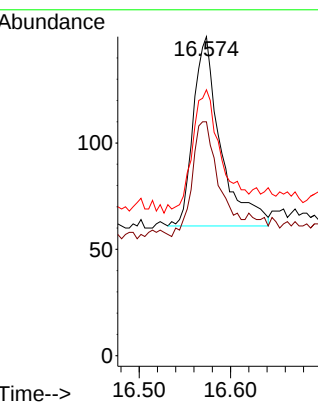
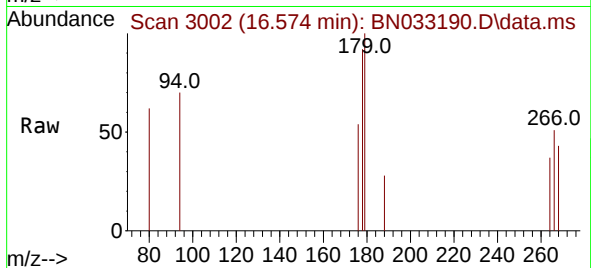
A4D40

Tgt Ion:	266	Resp:	184
Ion Ratio	Lower	Upper	
266	100		
264	77.2	49.3	73.9
268	88.6	51.8	77.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024



#15

Phenanthrene

Concen: 8.323 ng/ul

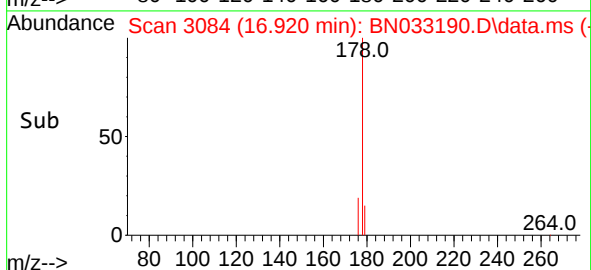
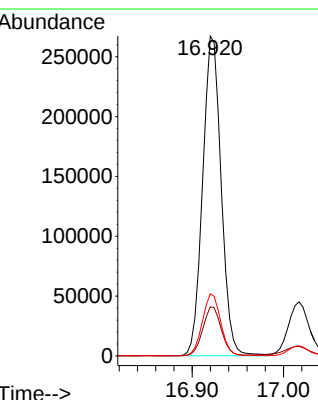
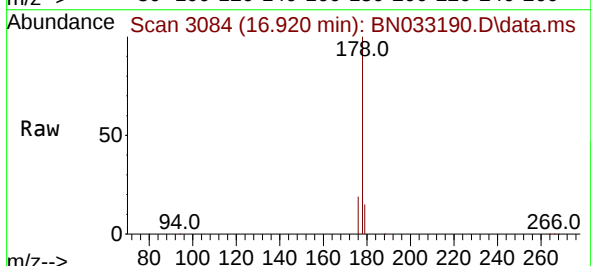
RT: 16.920 min Scan# 3084

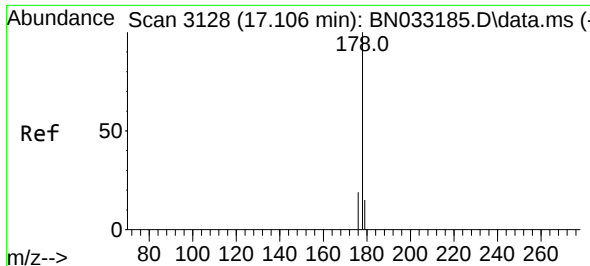
Delta R.T. -0.063 min

Lab File: BN033190.D

Acq: 02 Aug 2024 05:45

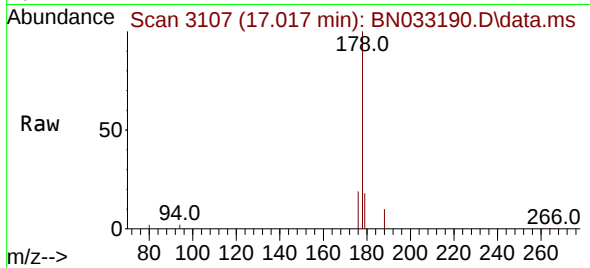
Tgt Ion:	178	Resp:	374787
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.7	20.5
176	19.5	15.9	23.9





#16
 Anthracene
 Concen: 1.672 ng/ul
 RT: 17.017 min Scan# 3128
 Delta R.T. -0.072 min
 Lab File: BN033190.D
 Acq: 02 Aug 2024 05:45

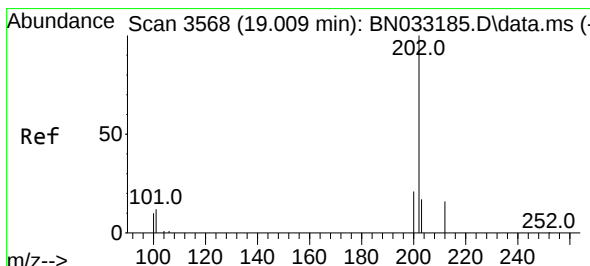
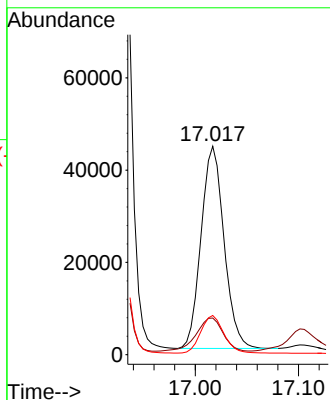
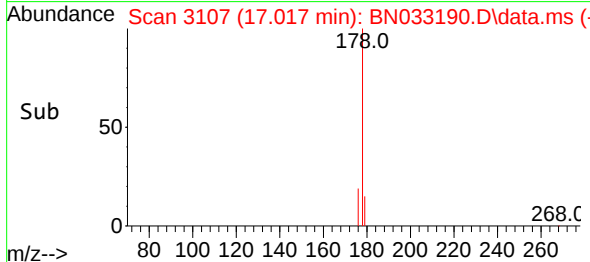
Instrument :
 BNA_N
 ClientSampleId :
 A4D40



Tgt Ion:178 Resp: 67711
 Ion Ratio Lower Upper
 178 100
 179 17.6 14.3 21.5
 176 18.8 15.8 23.8

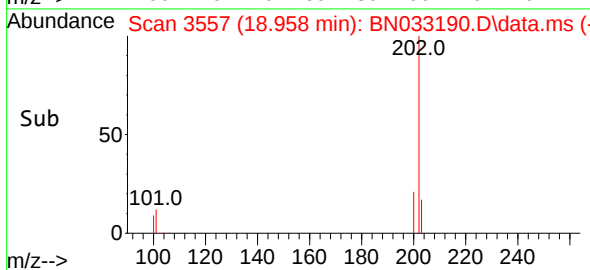
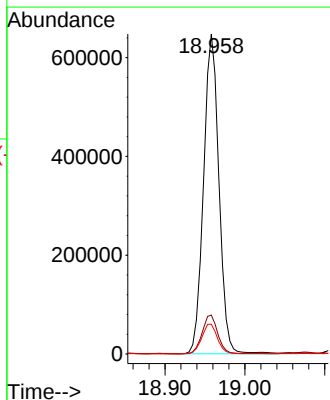
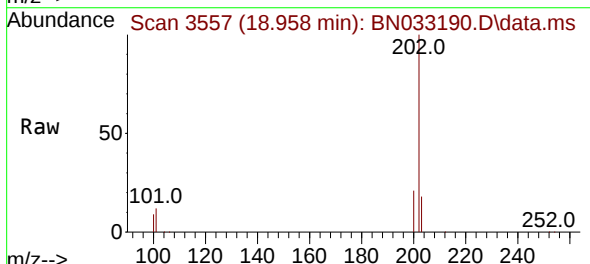
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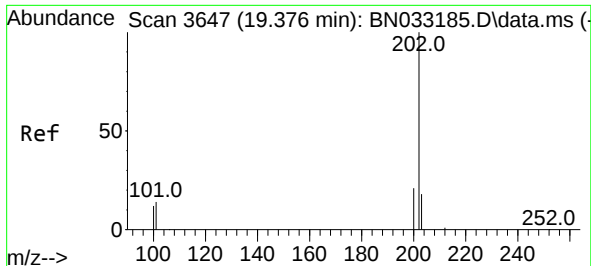
Reviewed By :Jagrut Upadhyay 08/02/2024
 Supervised By :mohammad ahmed 08/03/2024



#19
 Fluoranthene
 Concen: 24.561 ng/ul
 RT: 18.958 min Scan# 3557
 Delta R.T. -0.046 min
 Lab File: BN033190.D
 Acq: 02 Aug 2024 05:45

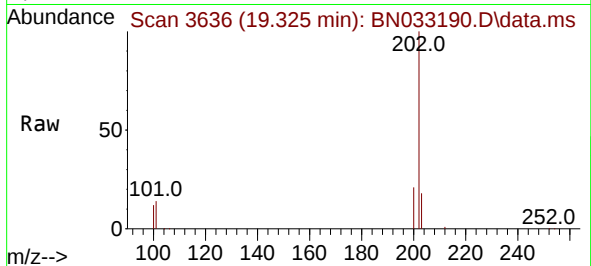
Tgt Ion:202 Resp: 866441
 Ion Ratio Lower Upper
 202 100
 101 12.1 10.7 16.1
 100 9.3 8.3 12.5





#20
Pyrene
Concen: 17.955 ng/u1
RT: 19.325 min Scan# 3091
Delta R.T. -0.046 min
Lab File: BN033190.D
Acq: 02 Aug 2024 05:45

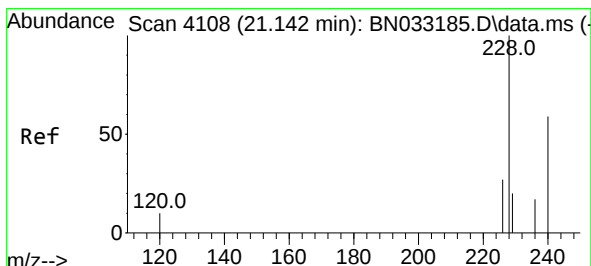
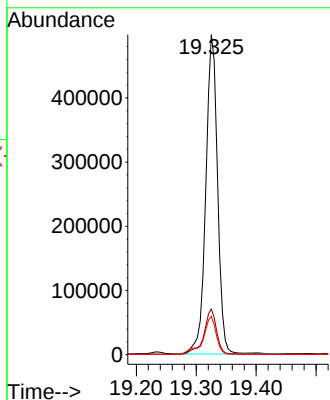
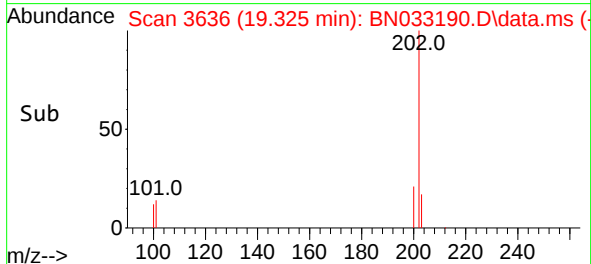
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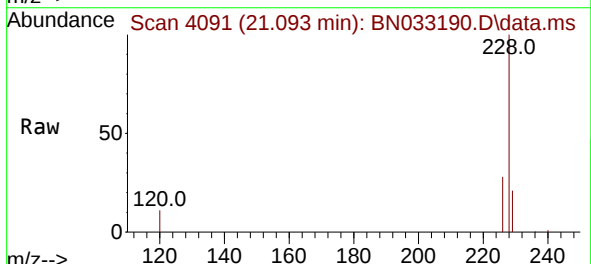
Tgt Ion:202 Resp: 679230
Ion Ratio Lower Upper
202 100
101 14.3 12.6 18.8
100 11.9 9.9 14.9

Manual Integrations
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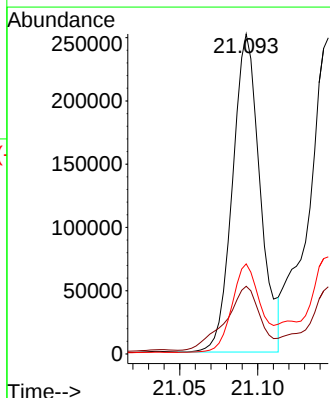
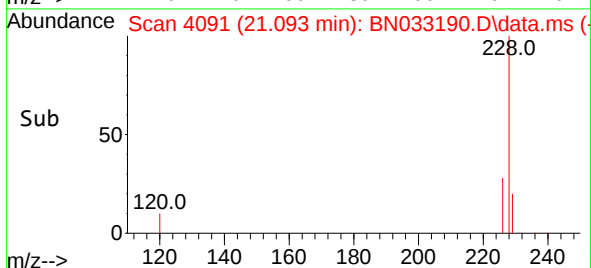
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

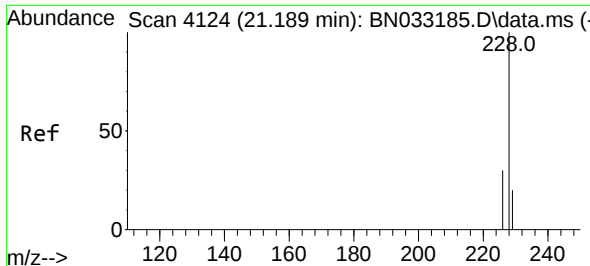


#21
Benzo(a)anthracene
Concen: 8.458 ng/u1
RT: 21.093 min Scan# 4091
Delta R.T. -0.044 min
Lab File: BN033190.D
Acq: 02 Aug 2024 05:45



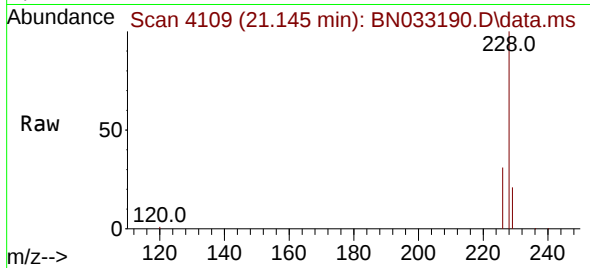
Tgt Ion:228 Resp: 309117
Ion Ratio Lower Upper
228 100
229 21.1 17.1 25.7
226 28.2 22.4 33.6





#22
Chrysene
Concen: 8.742 ng/ul
RT: 21.145 min Scan# 4109
Delta R.T. -0.044 min
Lab File: BN033190.D
Acq: 02 Aug 2024 05:45

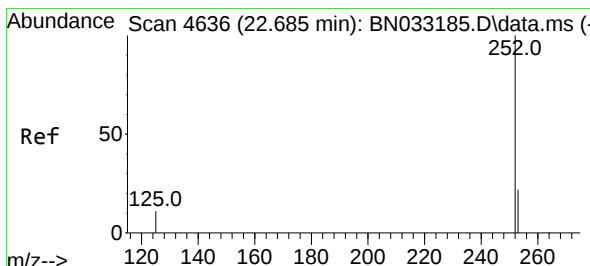
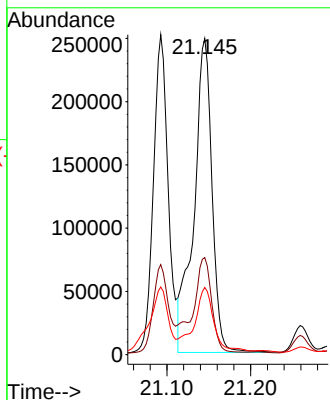
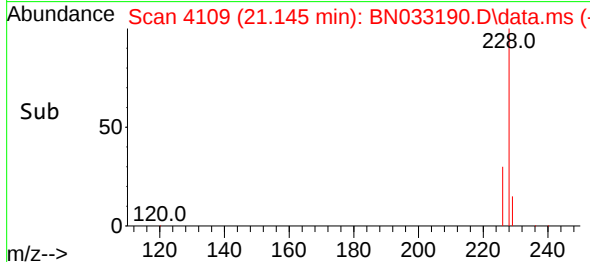
Instrument :
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A4D40



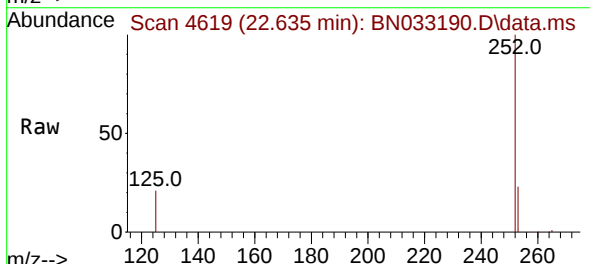
Tgt Ion:228 Resp: 37285
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 21.3 17.0 25.6

Manual Integrations
APPROVED

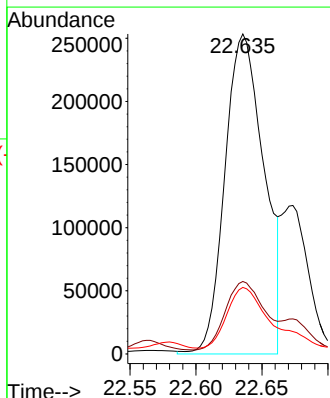
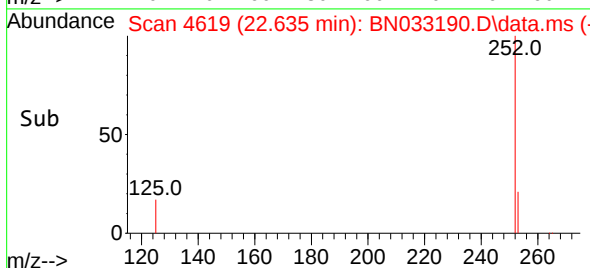
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

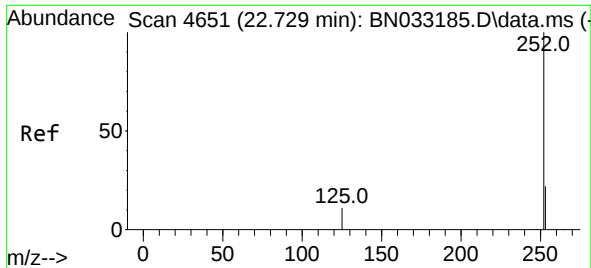


#24
Benzo(b)fluoranthene
Concen: 15.118 ng/ul m
RT: 22.635 min Scan# 4619
Delta R.T. -0.047 min
Lab File: BN033190.D
Acq: 02 Aug 2024 05:45



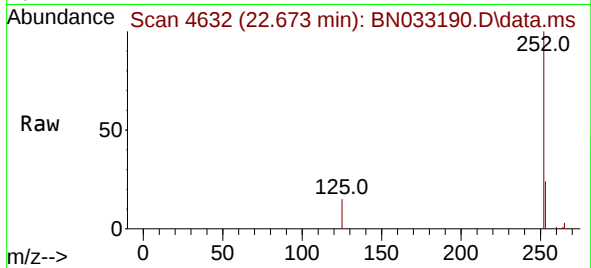
Tgt Ion:252 Resp: 521995
Ion Ratio Lower Upper
252 100
253 22.6 0.0 60.6
125 20.8 0.0 51.0





#25
Benzo(k)fluoranthene
Concen: 4.003 ng/ul m
RT: 22.673 min Scan# 4632
Delta R.T. -0.053 min
Lab File: BN033190.D
Acq: 02 Aug 2024 05:45

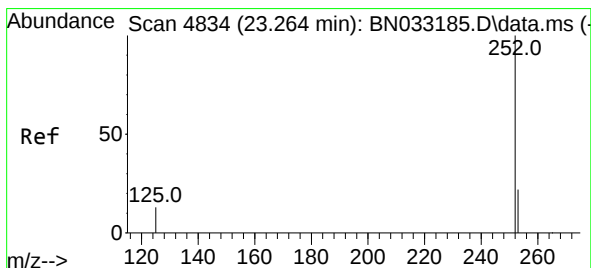
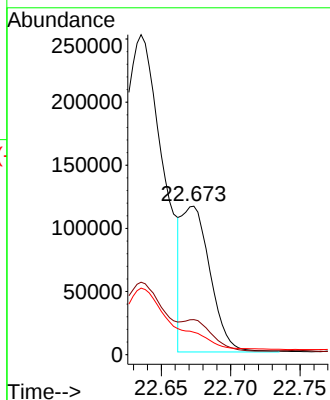
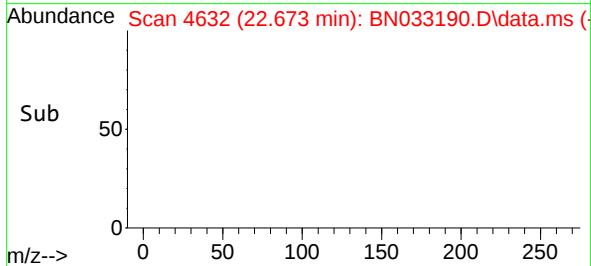
Instrument :
BNA_N
ClientSampleId :
A4D40



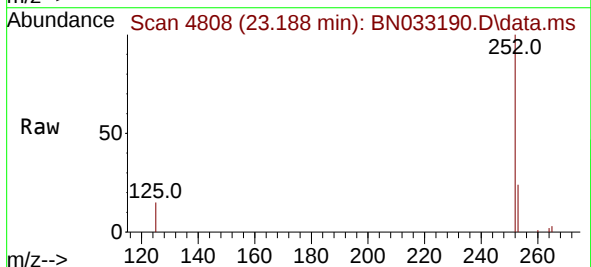
Tgt Ion:252 Resp: 165632
Ion Ratio Lower Upper
252 100
253 23.6 24.9 37.3#
125 15.1 20.9 31.3#

Manual Integrations
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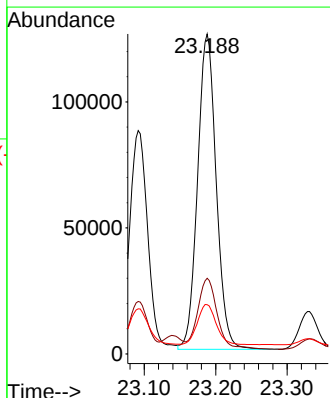
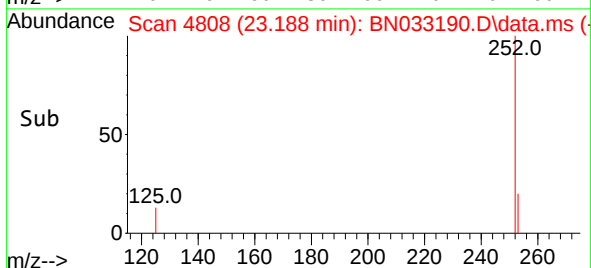
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

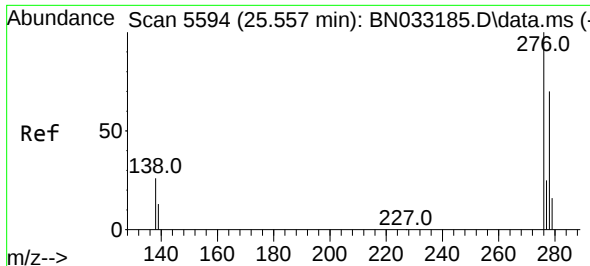


#26
Benzo(a)pyrene
Concen: 7.005 ng/ul
RT: 23.188 min Scan# 4808
Delta R.T. -0.061 min
Lab File: BN033190.D
Acq: 02 Aug 2024 05:45



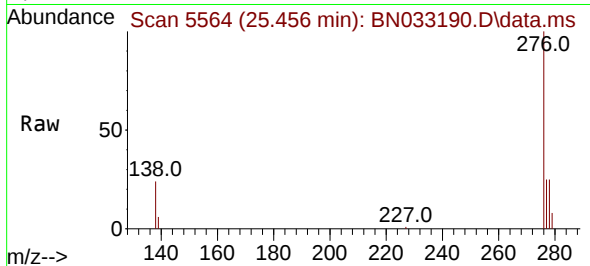
Tgt Ion:252 Resp: 227640
Ion Ratio Lower Upper
252 100
253 23.7 27.5 41.3#
125 15.4 27.0 40.6#





#27
Indeno(1,2,3-cd)pyrene
Concen: 4.681 ng/ul
RT: 25.456 min Scan# 5564
Delta R.T. -0.084 min
Lab File: BN033190.D
Acq: 02 Aug 2024 05:45

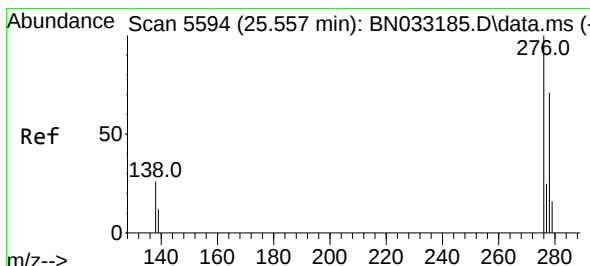
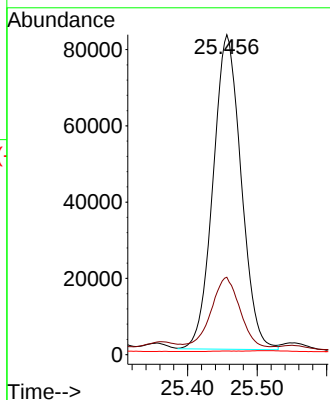
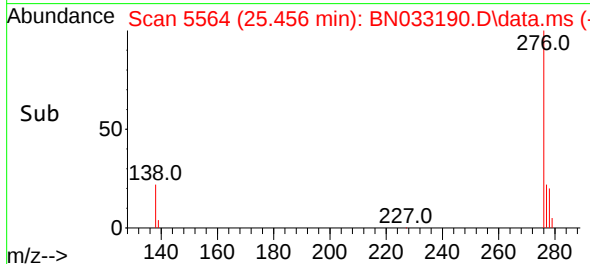
Instrument :
BNA_N
ClientSampleId :
A4D40



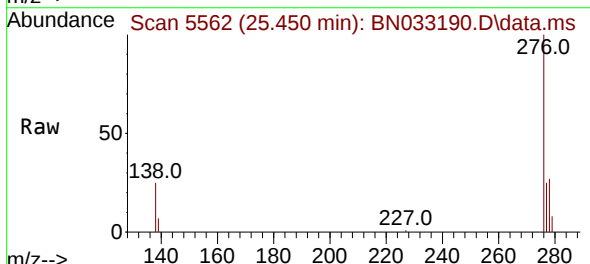
Tgt Ion:276 Resp: 23131
Ion Ratio Lower Upper
276 100
138 23.3 21.8 32.8
227 0.2 0.2 0.2

Manual Integrations
APPROVED

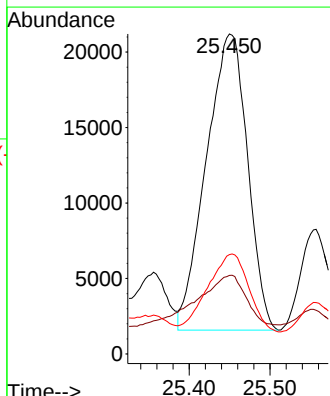
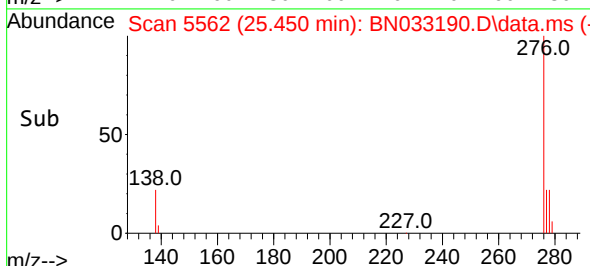
Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

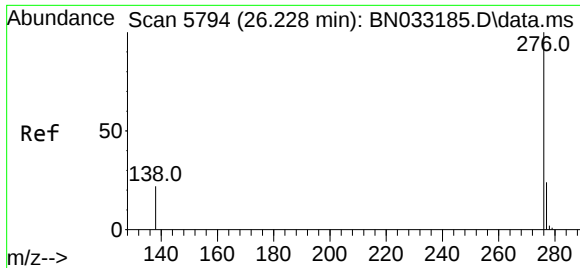


#28
Dibenzo(a,h)anthracene
Concen: 1.776 ng/ul
RT: 25.450 min Scan# 5562
Delta R.T. -0.090 min
Lab File: BN033190.D
Acq: 02 Aug 2024 05:45



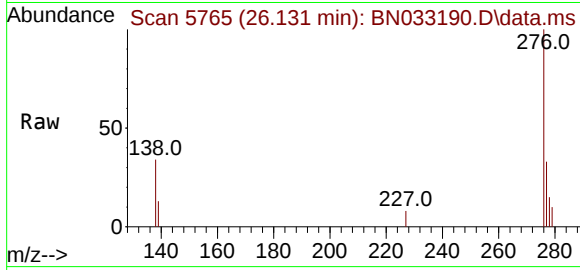
Tgt Ion:278 Resp: 69551
Ion Ratio Lower Upper
278 100
139 24.6 22.5 33.7
279 31.1 25.5 38.3





#29
Benzo(g,h,i)perylene
Concen: 1.054 ng/ul
RT: 26.131 min Scan# 51
Delta R.T. -0.087 min
Lab File: BN033190.D
Acq: 02 Aug 2024 05:45

Instrument :
BNA_N
ClientSampleId :
A4D40



Tgt Ion:276 Resp: 41400
Ion Ratio Lower Upper
276 100
138 34.1 24.6 37.0
277 32.8 22.6 34.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

