

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
 Data File : BN033205.D
 Acq On : 02 Aug 2024 15:25
 Operator : MA/JU
 Sample : P3265-07DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D40DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2024
 Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 02 16:06:25 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	7.482	152	2890m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.267	136	8602	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.129	164	4900	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.895	188	9732	0.400	ng/ul	-0.05
17) Chrysene-d12	21.119	240	7481	0.400	ng/ul	#-0.03
23) Perylene-d12	23.296	264	8464m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	1614	0.442	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.895	152	398	0.028	ng/ul	-0.03
18) Fluoranthene-d10	18.935	212	740	0.035	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.322	128	1914	0.087	ng/ul#	76
7) 2-Methylnaphthalene	11.972	142	698	0.047	ng/ul	95
8) 1-Methylnaphthalene	12.176	142	488	0.030	ng/ul	96
10) Acenaphthylene	13.852	152	4228	0.211	ng/ul	97
11) Acenaphthene	14.194	153	2074	0.137	ng/ul	98
12) Fluorene	15.198	166	2236	0.127	ng/ul#	97
15) Phenanthrene	16.933	178	51357	1.967	ng/ul	98
16) Anthracene	17.034	178	9522	0.406	ng/ul	97
19) Fluoranthene	18.967	202	114431	4.646	ng/ul	95
20) Pyrene	19.334	202	101440	3.840	ng/ul	96
21) Benzo(a)anthracene	21.101	228	44039	1.726	ng/ul	99
22) Chrysene	21.157	228	57268	1.923	ng/ul	99
24) Benzo(b)fluoranthene	22.644	252	81991m	3.316	ng/ul	
25) Benzo(k)fluoranthene	22.682	252	30234m	1.020	ng/ul	
26) Benzo(a)pyrene	23.200	252	37264	1.601	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.473	276	40180	1.136	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.463	278	10839	0.387	ng/ul	95
29) Benzo(g,h,i)perylene	26.151	276	6600	0.235	ng/ul#	87

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

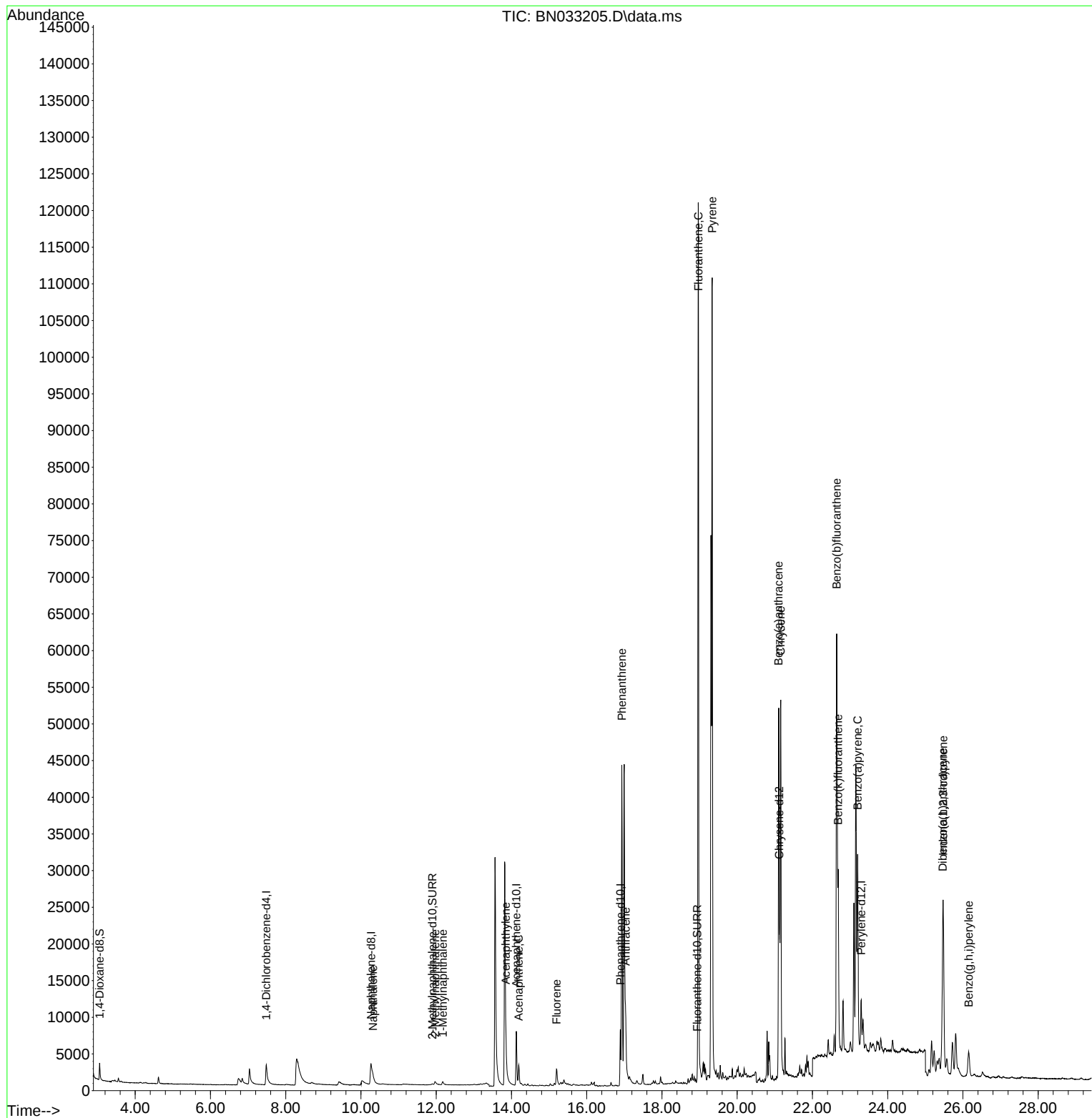
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080224\
Data File : BN033205.D
Acq On : 02 Aug 2024 15:25
Operator : MA/JU
Sample : P3265-07DL 5X
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ALS Vial : 4 Sample Multiplier: 1

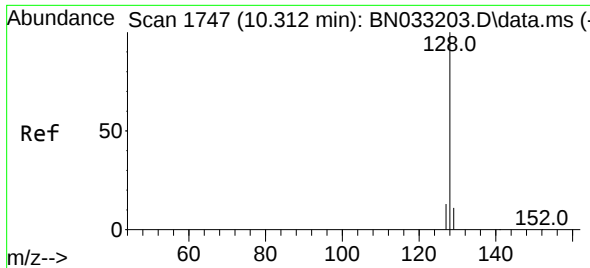
Instrument :
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ClientSampleId :
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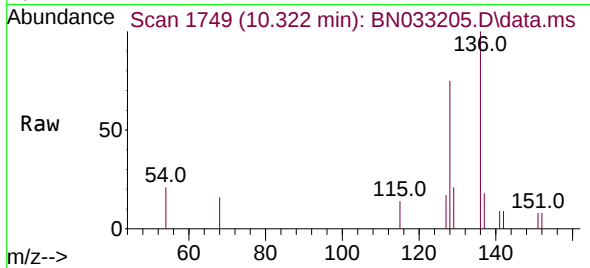
Quant Time: Aug 02 16:06:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.087 ng/ul
RT: 10.322 min Scan# 1747
Delta R.T. -0.055 min
Lab File: BN033205.D
Acq: 02 Aug 2024 15:25

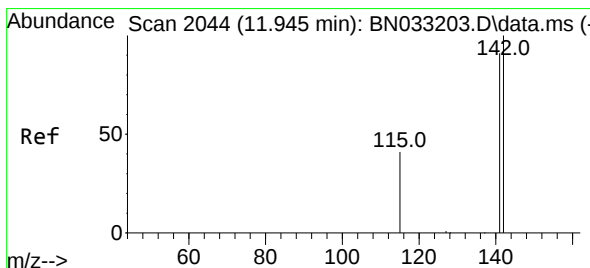
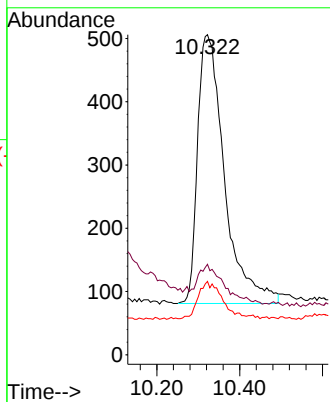
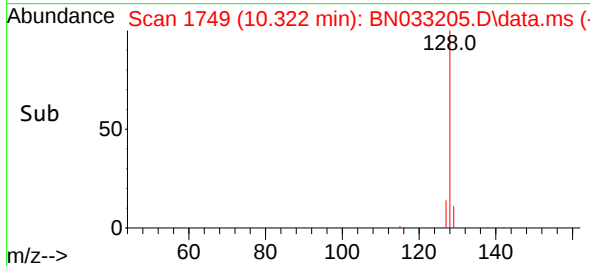
Instrument :
BNA_N
ClientSampleId :
A4D40DL



Tgt Ion:128 Resp: 1914
Ion Ratio Lower Upper
128 100
129 28.3 12.0 18.0
127 22.9 12.7 19.1

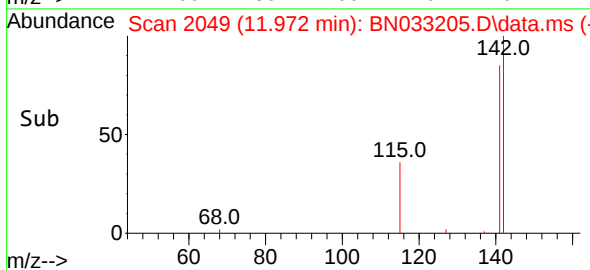
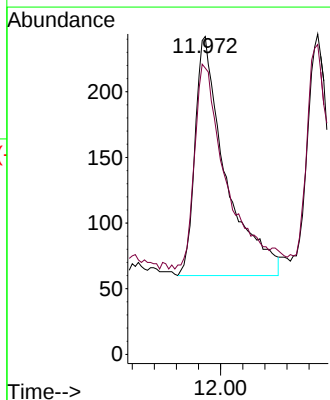
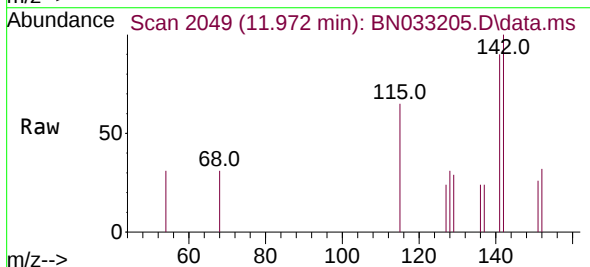
Manual Integrations
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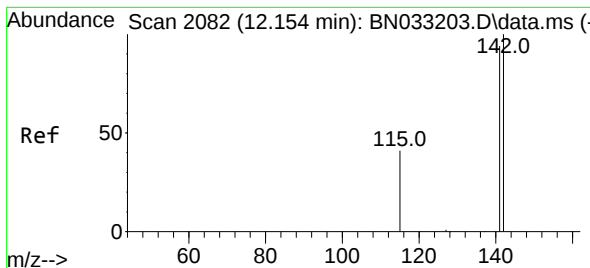
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 11.972 min Scan# 2049
Delta R.T. -0.033 min
Lab File: BN033205.D
Acq: 02 Aug 2024 15:25

Tgt Ion:142 Resp: 698
Ion Ratio Lower Upper
142 100
141 88.8 75.2 112.8





#8

1-Methylnaphthalene

Concen: 0.030 ng/ul

RT: 12.176 min Scan# 2086

Delta R.T. -0.022 min

Lab File: BN033205.D

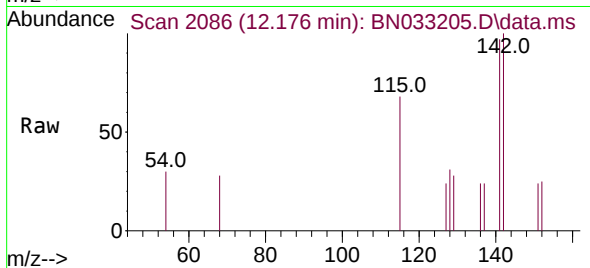
Acq: 02 Aug 2024 15:25

Instrument :

BNA_N

ClientSampleId :

A4D40DL



Tgt Ion:142 Resp: 488

Ion Ratio Lower Upper

142 100

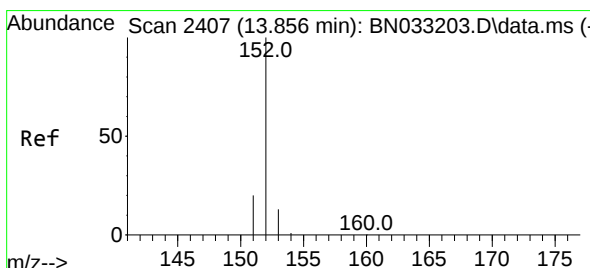
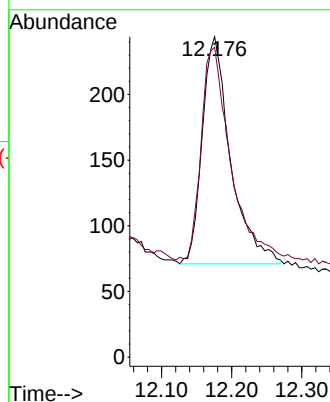
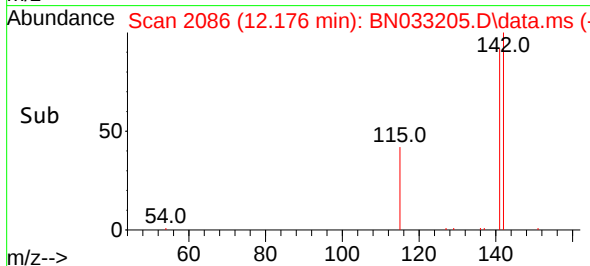
141 96.3 74.3 111.5

Manual Integrations

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Supervised By :mohammad ahmed 08/03/2024



#10

Acenaphthylene

Concen: 0.211 ng/ul

RT: 13.852 min Scan# 2406

Delta R.T. -0.046 min

Lab File: BN033205.D

Acq: 02 Aug 2024 15:25

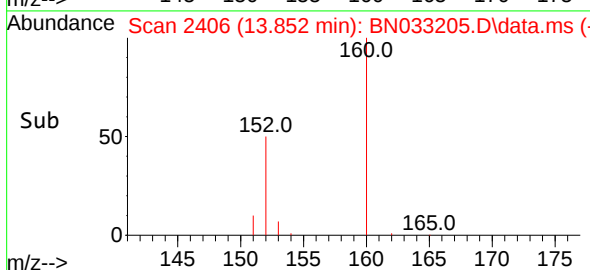
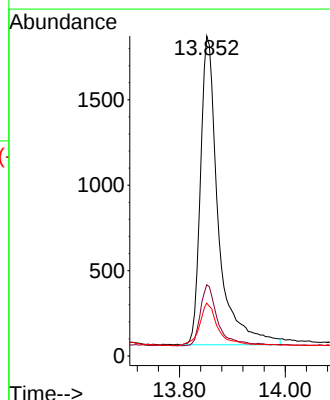
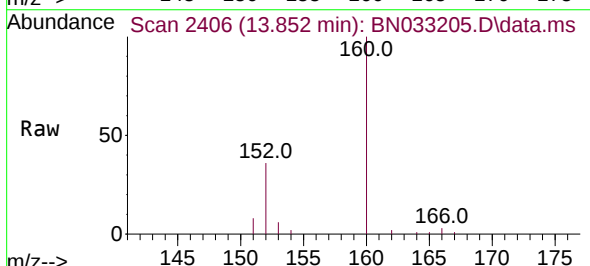
Tgt Ion:152 Resp: 4228

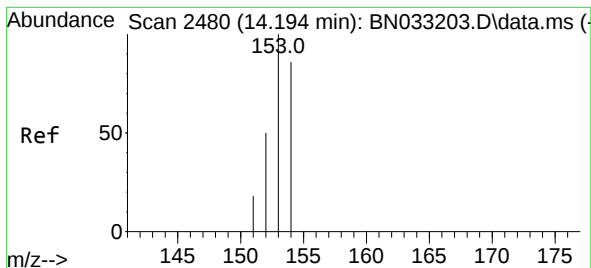
Ion Ratio Lower Upper

152 100

151 22.3 16.8 25.2

153 16.5 11.9 17.9





#11

Acenaphthene

Concen: 0.137 ng/u1

RT: 14.194 min Scan# 2480

Delta R.T. -0.032 min

Lab File: BN033205.D

Acq: 02 Aug 2024 15:25

Instrument :

BNA_N

ClientSampleId :

A4D40DL

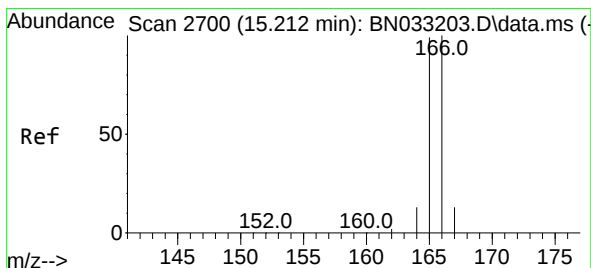
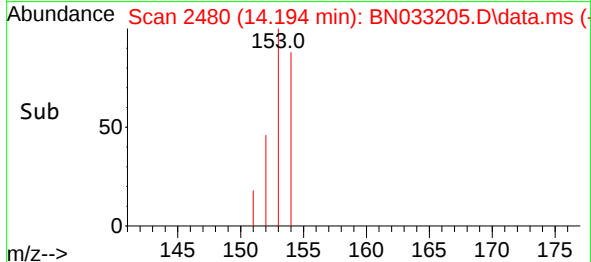
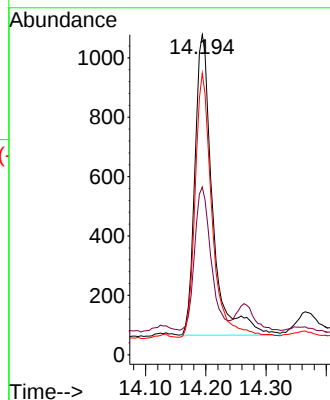
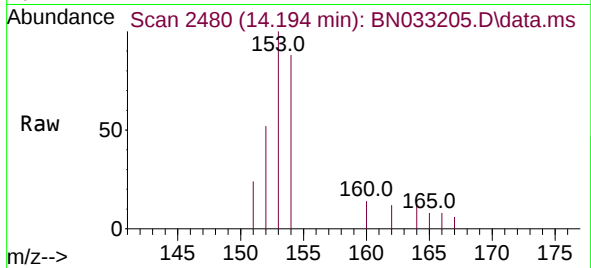
Tgt Ion:	153	Resp:	2074
Ion Ratio	Lower	Upper	
153	100		
152	52.4	40.0	60.0
154	87.9	70.1	105.1

Manual Integrations

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Supervised By :mohammad ahmed 08/03/2024



#12

Fluorene

Concen: 0.127 ng/u1

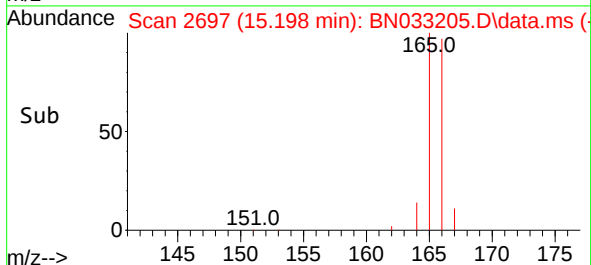
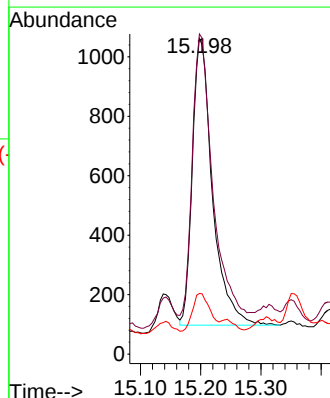
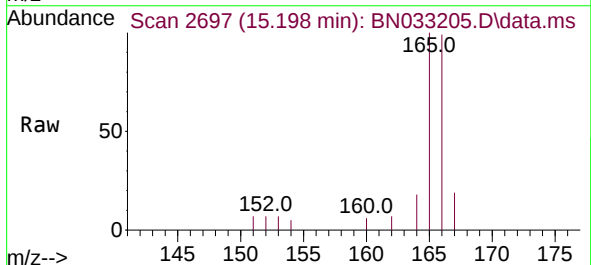
RT: 15.198 min Scan# 2697

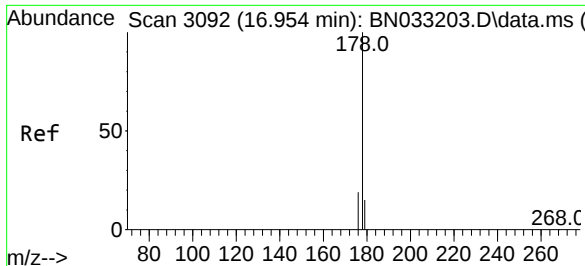
Delta R.T. -0.051 min

Lab File: BN033205.D

Acq: 02 Aug 2024 15:25

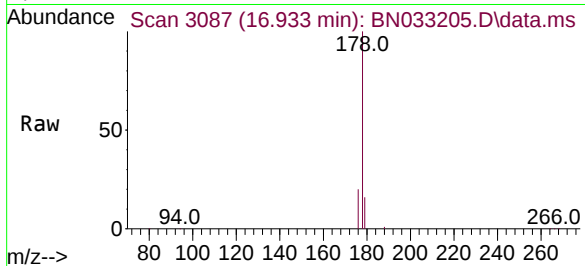
Tgt Ion:	166	Resp:	2236
Ion Ratio	Lower	Upper	
166	100		
165	101.4	79.6	119.4
167	19.2	12.2	18.4





#15
Phenanthrene
Concen: 1.967 ng/u1
RT: 16.933 min Scan# 3092
Delta R.T. -0.051 min
Lab File: BN033205.D
Acq: 02 Aug 2024 15:25

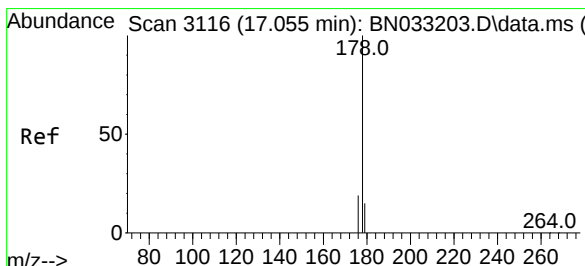
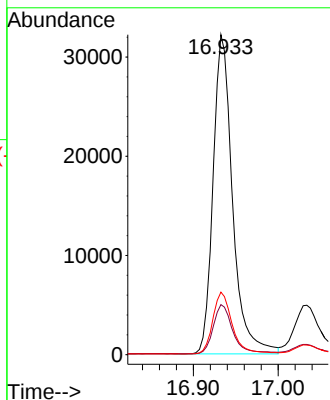
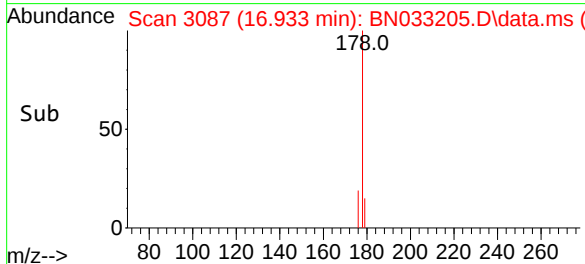
Instrument :
BNA_N
ClientSampleId :
A4D40DL



Tgt Ion:178 Resp: 5135
Ion Ratio Lower Upper
178 100
179 15.7 13.7 20.5
176 19.6 15.9 23.9

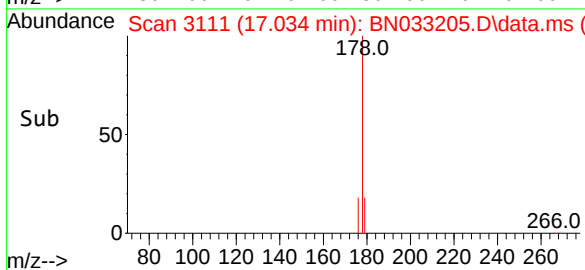
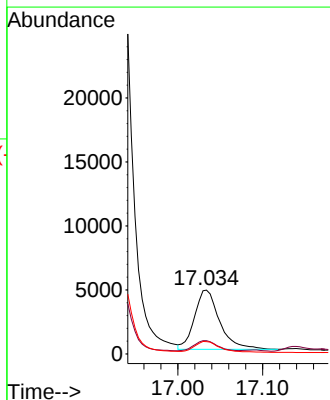
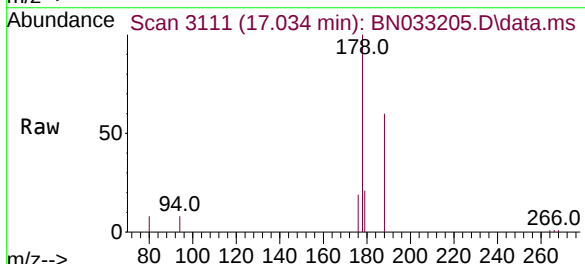
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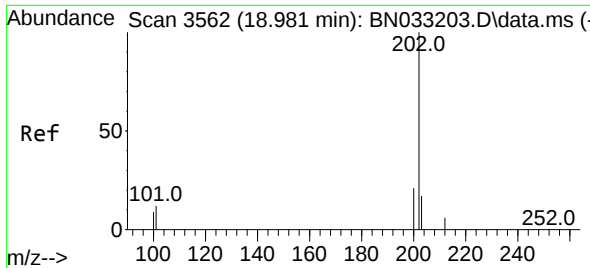
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#16
Anthracene
Concen: 0.406 ng/u1
RT: 17.034 min Scan# 3111
Delta R.T. -0.055 min
Lab File: BN033205.D
Acq: 02 Aug 2024 15:25

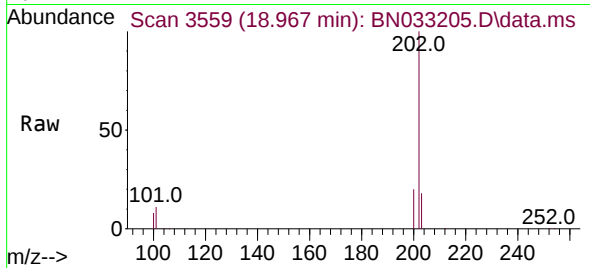
Tgt Ion:178 Resp: 9522
Ion Ratio Lower Upper
178 100
179 20.7 14.3 21.5
176 19.4 15.8 23.8





#19
Fluoranthene
Concen: 4.646 ng/ul
RT: 18.967 min Scan# 3559
Delta R.T. -0.037 min
Lab File: BN033205.D
Acq: 02 Aug 2024 15:25

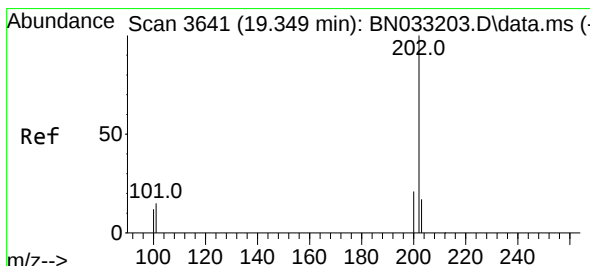
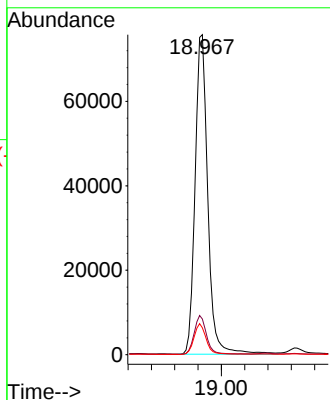
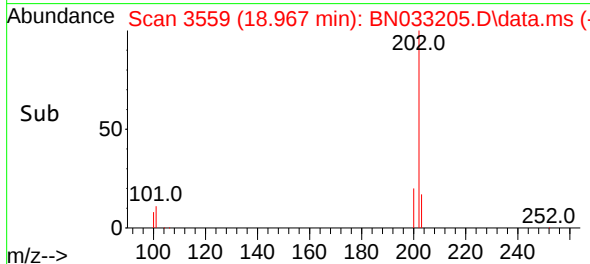
Instrument :
BNA_N
ClientSampleId :
A4D40DL



Tgt Ion:202 Resp: 11443
Ion Ratio Lower Upper
202 100
101 11.2 10.7 16.1
100 8.4 8.3 12.5

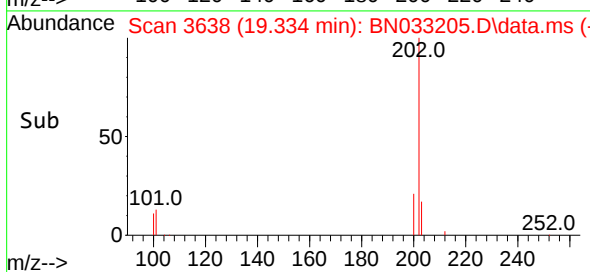
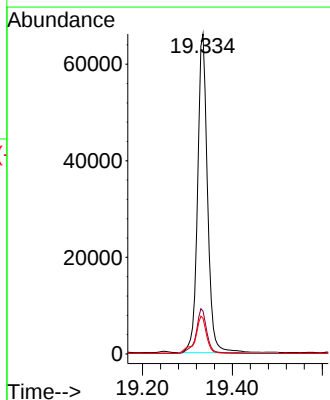
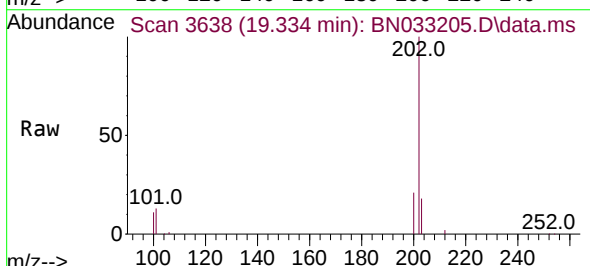
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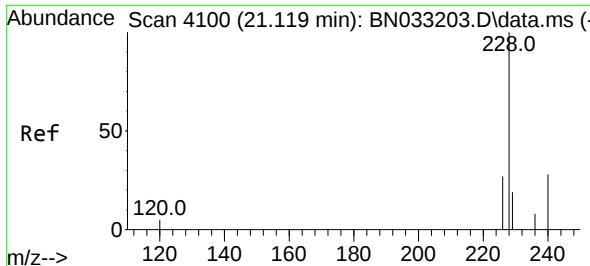
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#20
Pyrene
Concen: 3.840 ng/ul
RT: 19.334 min Scan# 3638
Delta R.T. -0.037 min
Lab File: BN033205.D
Acq: 02 Aug 2024 15:25

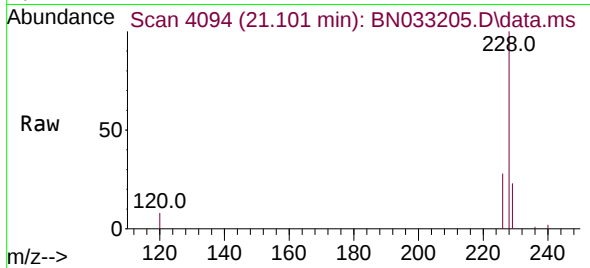
Tgt Ion:202 Resp: 101440
Ion Ratio Lower Upper
202 100
101 13.4 12.6 18.8
100 11.1 9.9 14.9





#21
Benzo(a)anthracene
Concen: 1.726 ng/ul
RT: 21.101 min Scan# 4094
Delta R.T. -0.035 min
Lab File: BN033205.D
Acq: 02 Aug 2024 15:25

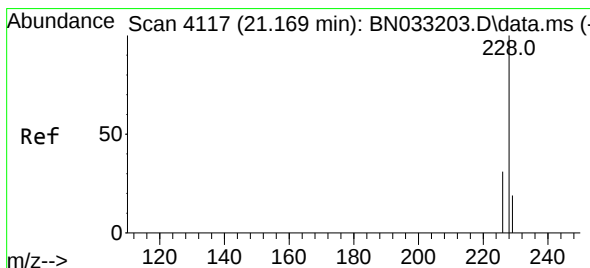
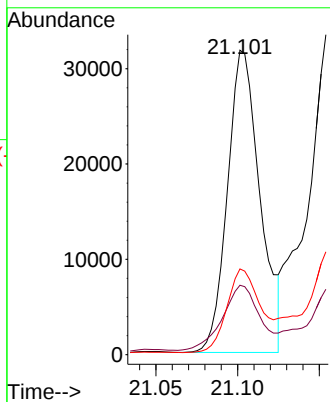
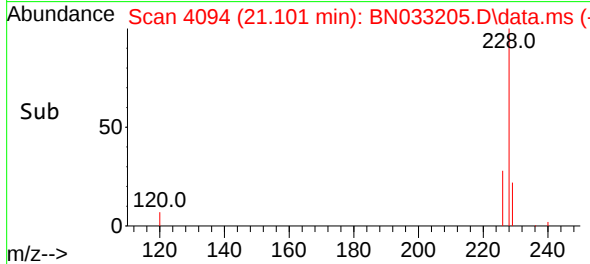
Instrument :
BNA_N
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A4D40DL



Tgt Ion:228 Resp: 44039
Ion Ratio Lower Upper
228 100
229 22.8 17.1 25.7
226 28.2 22.4 33.6

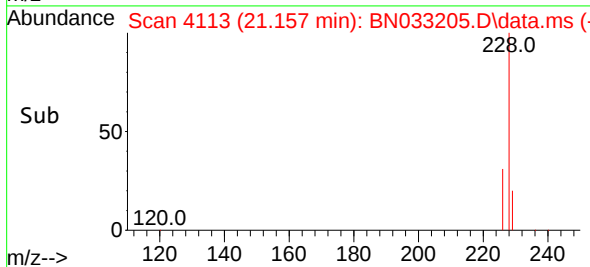
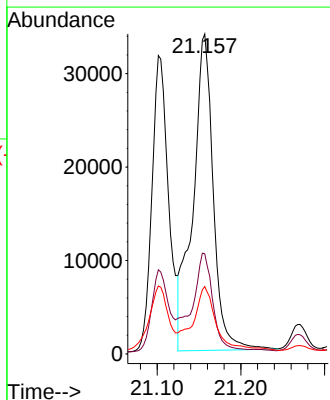
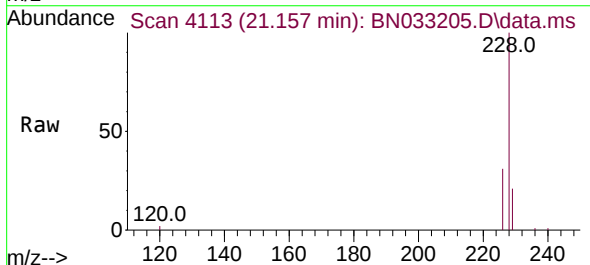
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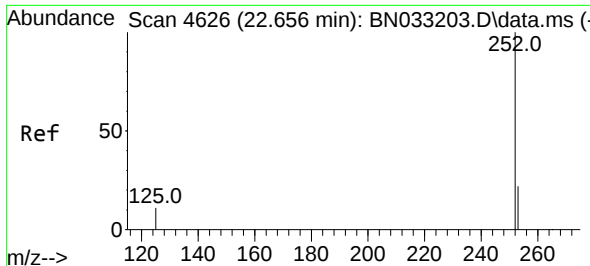
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#22
Chrysene
Concen: 1.923 ng/ul
RT: 21.157 min Scan# 4113
Delta R.T. -0.032 min
Lab File: BN033205.D
Acq: 02 Aug 2024 15:25

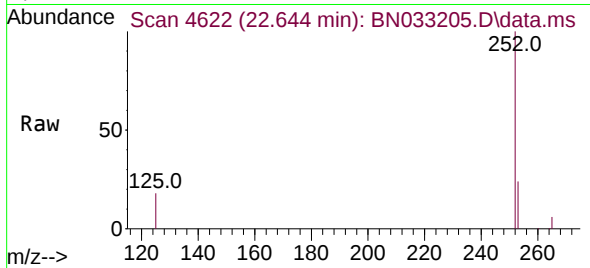
Tgt Ion:228 Resp: 57268
Ion Ratio Lower Upper
228 100
226 31.3 24.7 37.1
229 21.1 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 3.316 ng/ul m
RT: 22.644 min Scan# 4622
Delta R.T. -0.038 min
Lab File: BN033205.D
Acq: 02 Aug 2024 15:25

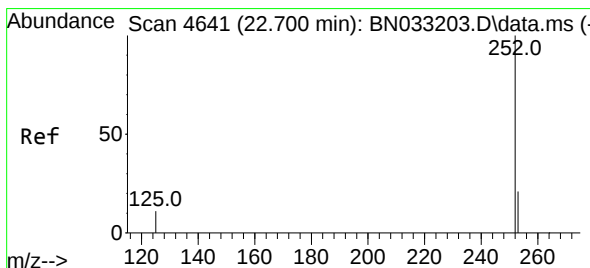
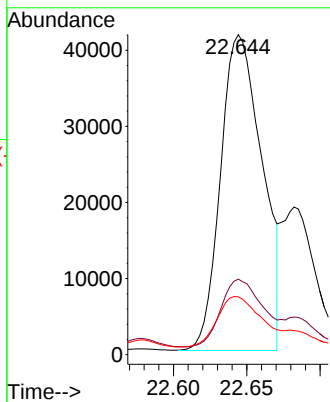
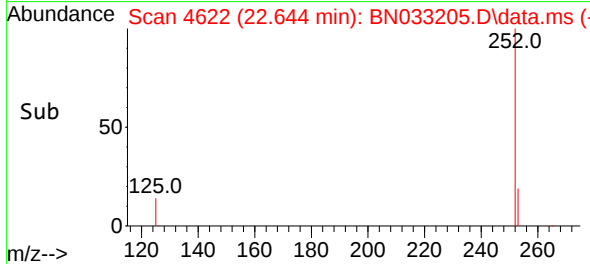
Instrument :
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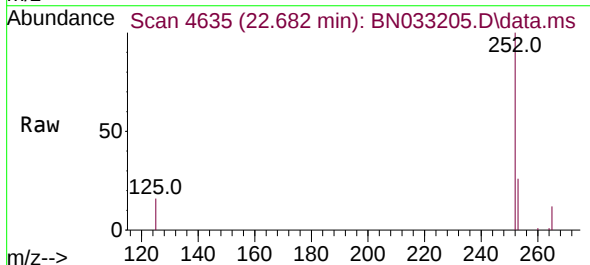
Tgt Ion:252 Resp: 8199
Ion Ratio Lower Upper
252 100
253 23.6 0.0 60.6
125 18.1 0.0 51.0

Manual Integrations
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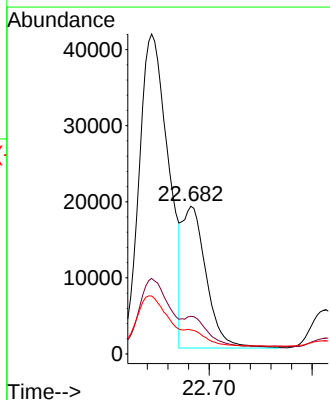
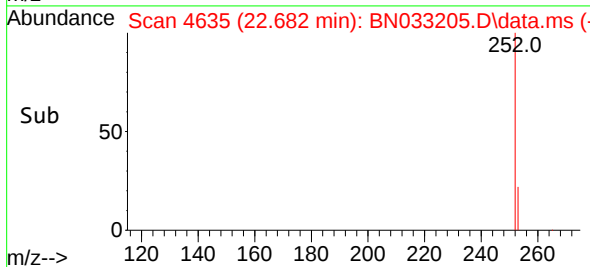
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024

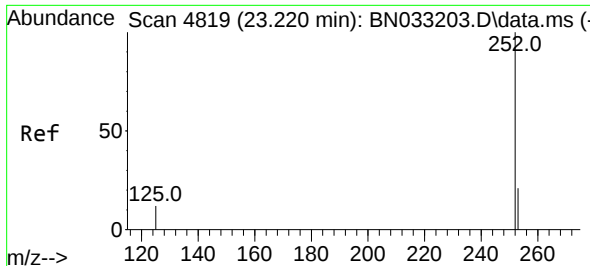


#25
Benzo(k)fluoranthene
Concen: 1.020 ng/ul m
RT: 22.682 min Scan# 4635
Delta R.T. -0.044 min
Lab File: BN033205.D
Acq: 02 Aug 2024 15:25



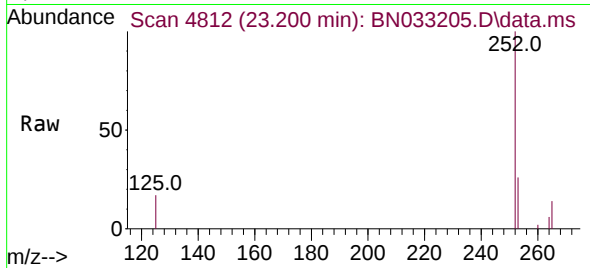
Tgt Ion:252 Resp: 30234
Ion Ratio Lower Upper
252 100
253 25.5 24.9 37.3
125 16.3 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 1.601 ng/ul
RT: 23.200 min Scan# 4819
Delta R.T. -0.050 min
Lab File: BN033205.D
Acq: 02 Aug 2024 15:25

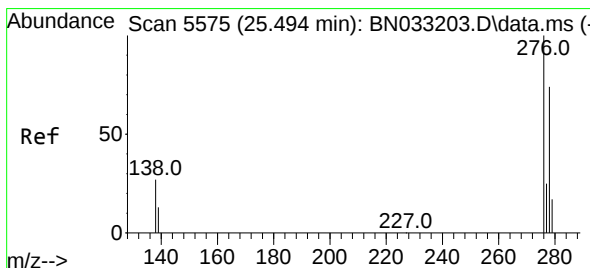
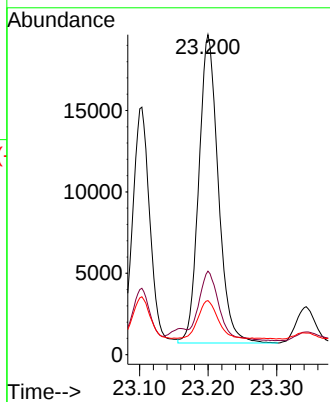
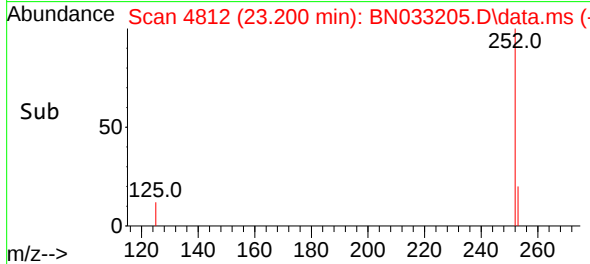
Instrument :
BNA_N
ClientSampleId :
A4D40DL



Tgt Ion:252 Resp: 37264
Ion Ratio Lower Upper
252 100
253 26.1 27.5 41.3
125 16.9 27.0 40.6

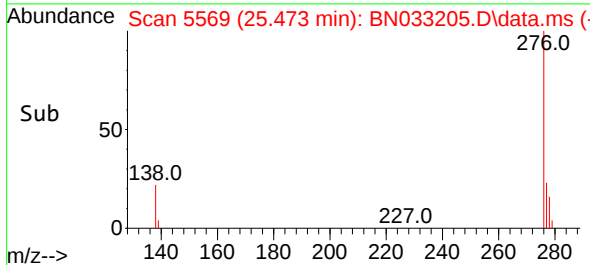
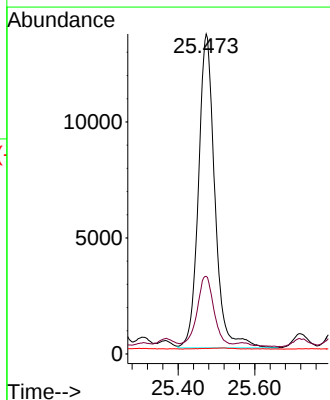
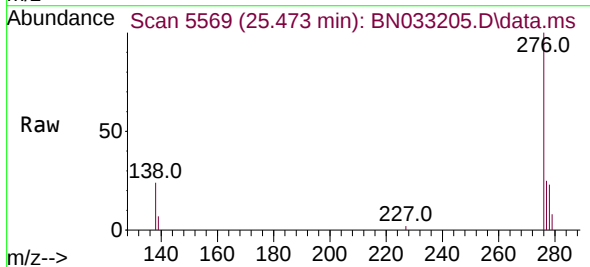
Manual Integrations
APPROVED

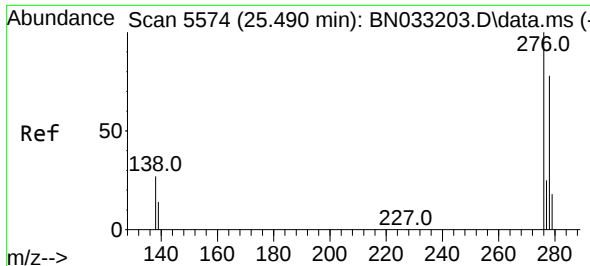
Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.136 ng/ul
RT: 25.473 min Scan# 5569
Delta R.T. -0.067 min
Lab File: BN033205.D
Acq: 02 Aug 2024 15:25

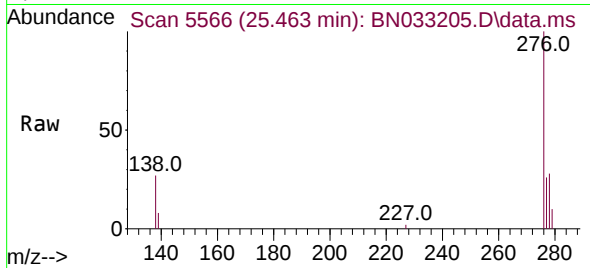
Tgt Ion:276 Resp: 40180
Ion Ratio Lower Upper
276 100
138 24.1 21.8 32.8
227 0.0 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.387 ng/ul
RT: 25.463 min Scan# 5566
Delta R.T. -0.077 min
Lab File: BN033205.D
Acq: 02 Aug 2024 15:25

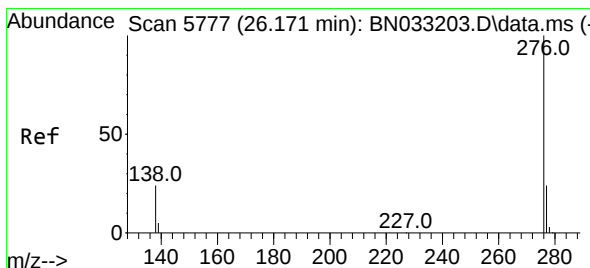
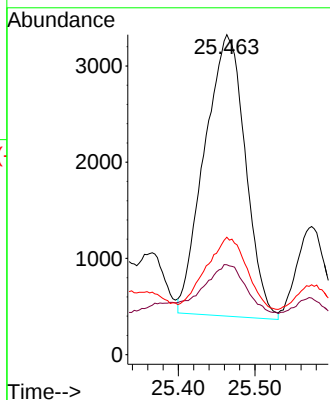
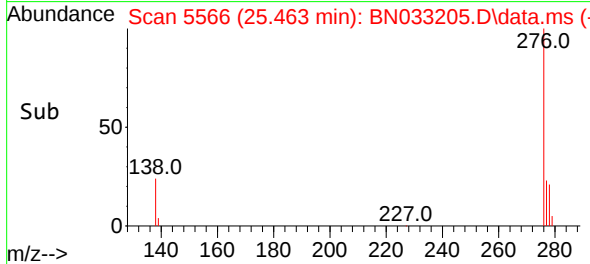
Instrument :
BNA_N
ClientSampleId :
A4D40DL



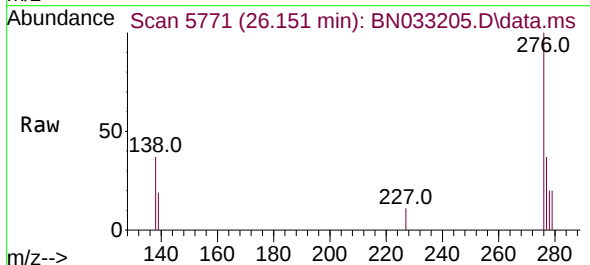
Tgt Ion:278 Resp: 10839
Ion Ratio Lower Upper
278 100
139 28.1 22.5 33.7
279 36.7 25.5 38.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024



#29
Benzo(g,h,i)perylene
Concen: 0.235 ng/ul
RT: 26.151 min Scan# 5771
Delta R.T. -0.067 min
Lab File: BN033205.D
Acq: 02 Aug 2024 15:25



Tgt Ion:276 Resp: 6600
Ion Ratio Lower Upper
276 100
138 36.8 24.6 37.0
277 36.6 22.6 34.0#

