

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035003.D
 Acq On : 11 Nov 2024 14:00
 Operator : RC/JU
 Sample : P4636-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CC0P6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 11 14:56:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 09 00:09:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.562	152	3196	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.328	136	7911	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.198	164	5356	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	11863m	0.400	ng/ul	0.00
17) Chrysene-d12	21.142	240	10576	0.400	ng/ul	# 0.00
23) Perylene-d12	23.308	264	10900m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	10265	3.375	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	2918	0.241	ng/ul	-0.01
18) Fluoranthene-d10	18.981	212	7127	0.262	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.377	128	935	0.047	ng/ul#	85
7) 2-Methylnaphthalene	12.000	142	461	0.031	ng/ul	98
8) 1-Methylnaphthalene	12.220	142	590	0.040	ng/ul	97
10) Acenaphthylene	13.916	152	815	0.037	ng/ul#	74
12) Fluorene	15.253	166	1021	0.048	ng/ul#	96
14) Pentachlorophenol	16.603	266	58	0.021	ng/ul#	86
15) Phenanthrene	16.987	178	27014	0.852	ng/ul	99
16) Anthracene	17.076	178	3206	0.108	ng/ul#	93
19) Fluoranthene	19.009	202	30059	0.851	ng/ul#	97
20) Pyrene	19.372	202	30106	0.822	ng/ul#	95
21) Benzo(a)anthracene	21.128	228	8127	0.212	ng/ul#	92
22) Chrysene	21.177	228	10624	0.272	ng/ul#	93
24) Benzo(b)fluoranthene	22.665	252	11320m	0.295	ng/ul	
25) Benzo(k)fluoranthene	22.697	252	3389m	0.084	ng/ul	
26) Benzo(a)pyrene	23.214	252	6104m	0.178	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.456	276	4596m	0.110	ng/ul	
28) Dibenzo(a,h)anthracene	25.470	278	1191m	0.037	ng/ul	
29) Benzo(g,h,i)perylene	26.110	276	5404m	0.169	ng/ul	

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

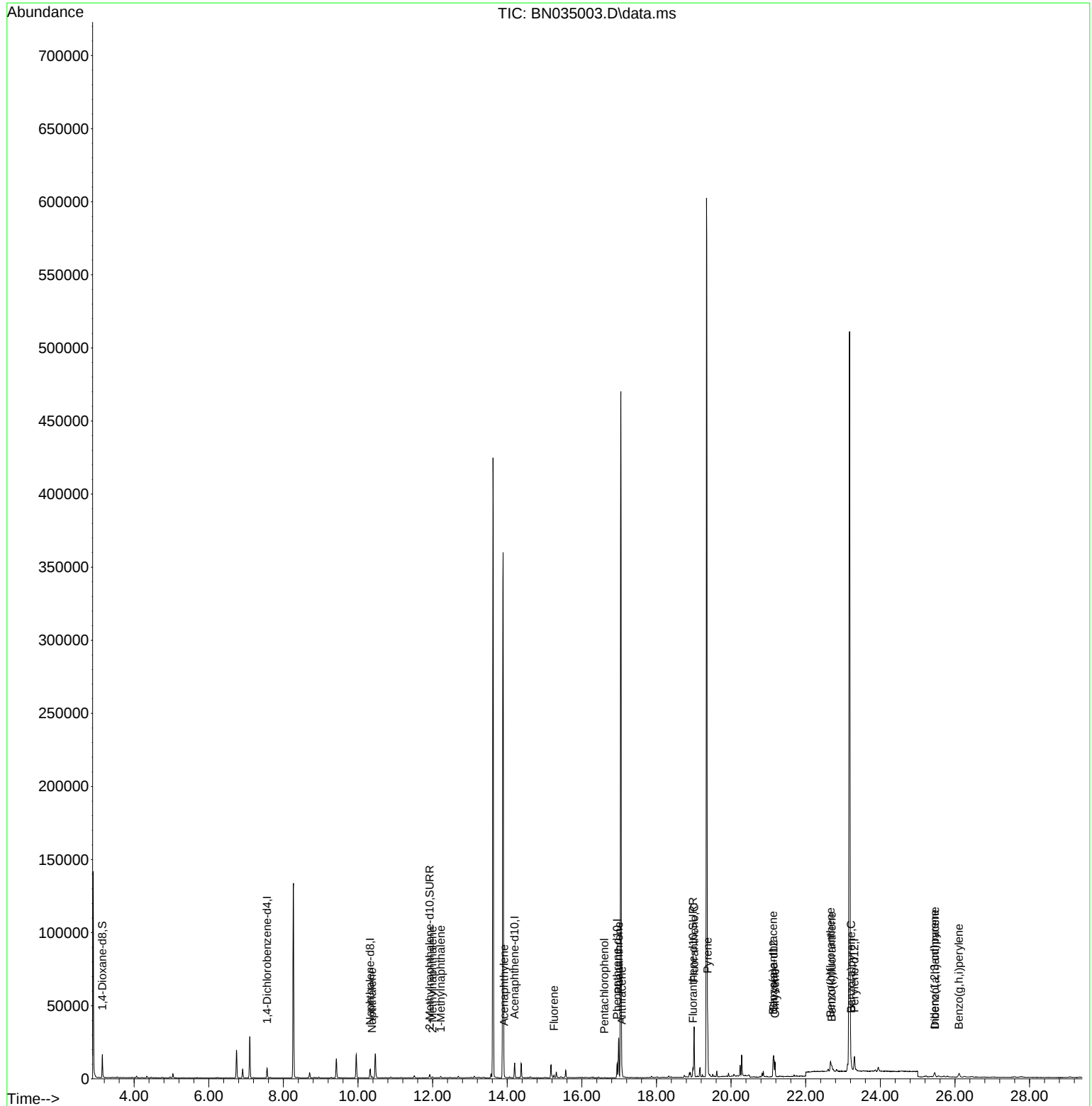
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035003.D
Acq On : 11 Nov 2024 14:00
Operator : RC/JU
Sample : P4636-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

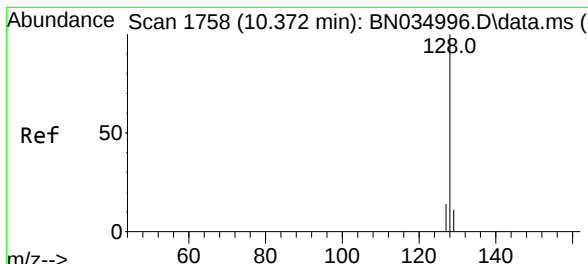
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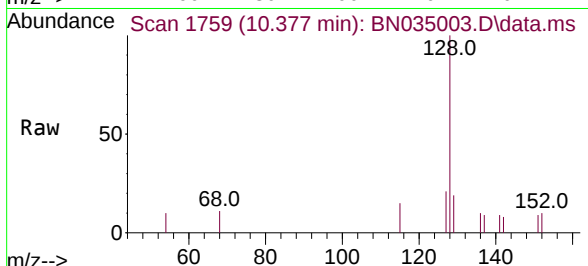
Quant Time: Nov 11 14:56:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.377 min Scan# 1759
Delta R.T. -0.011 min
Lab File: BN035003.D
Acq: 11 Nov 2024 14:00

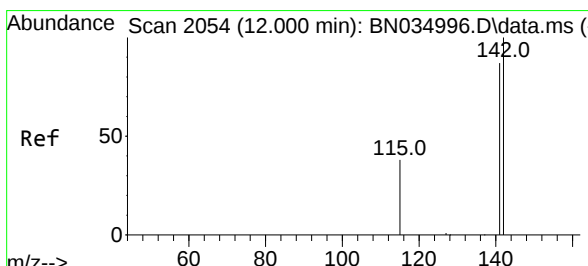
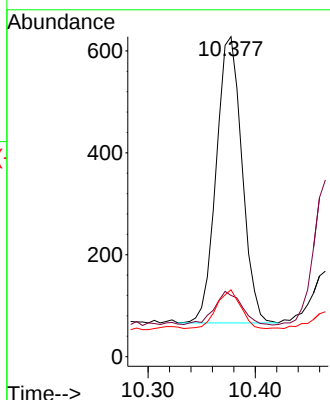
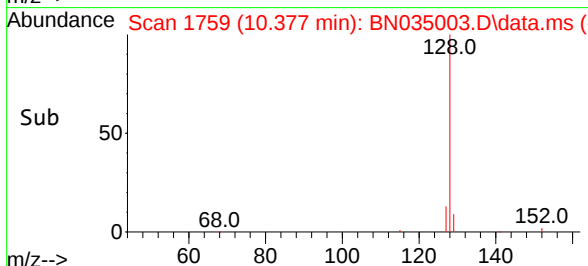
Instrument :
BNA_N
ClientSampleId :
CC0P6



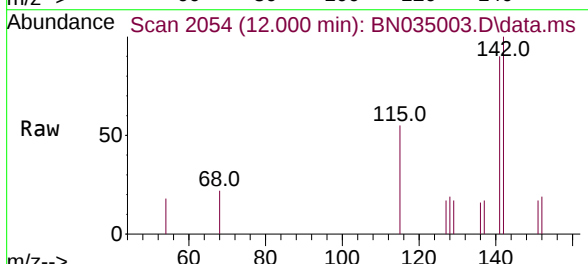
Tgt Ion:128 Resp: 935
Ion Ratio Lower Upper
128 100
129 19.1 10.1 15.1
127 20.9 12.1 18.1

Manual Integrations
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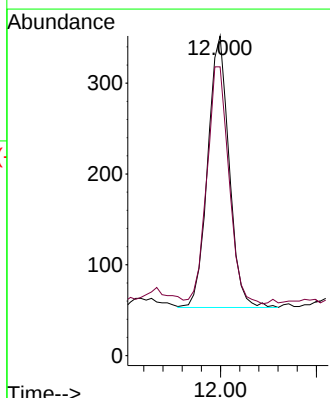
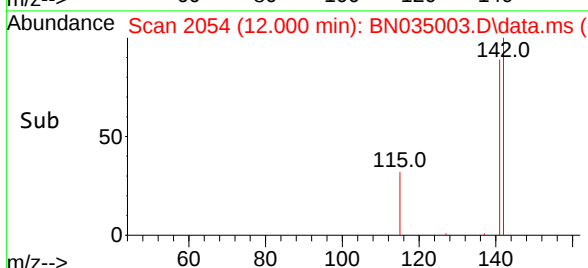
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024

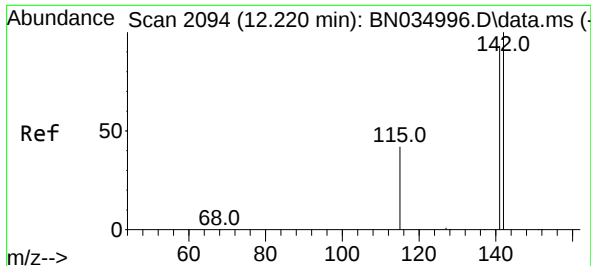


#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.000 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN035003.D
Acq: 11 Nov 2024 14:00



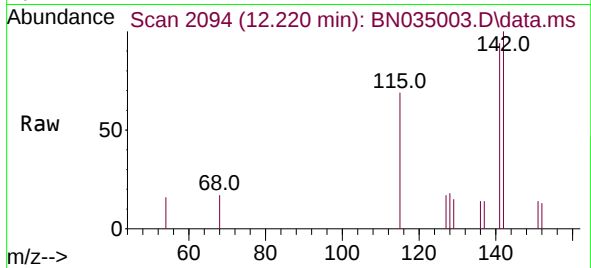
Tgt Ion:142 Resp: 461
Ion Ratio Lower Upper
142 100
141 90.2 70.8 106.2





#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.220 min Scan# 2094
Delta R.T. -0.011 min
Lab File: BN035003.D
Acq: 11 Nov 2024 14:00

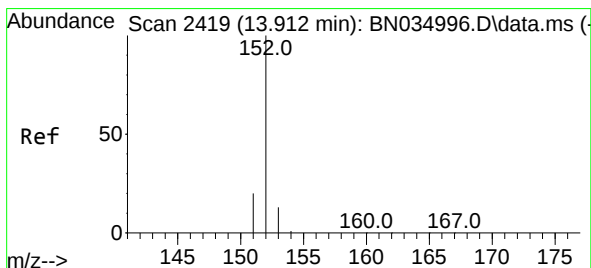
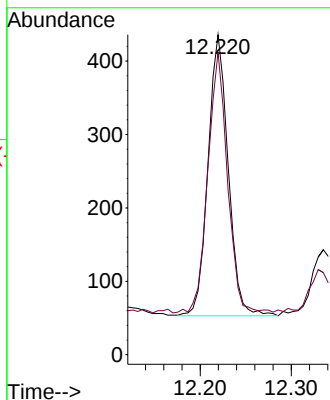
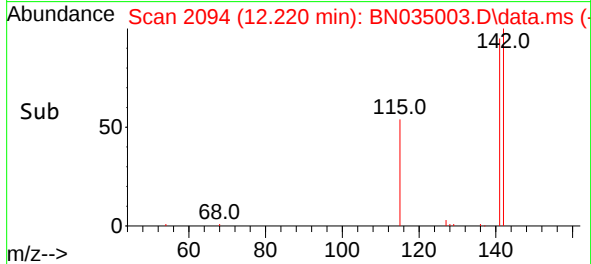
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 590
Ion Ratio Lower Upper
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141 90.0 74.6 111.8

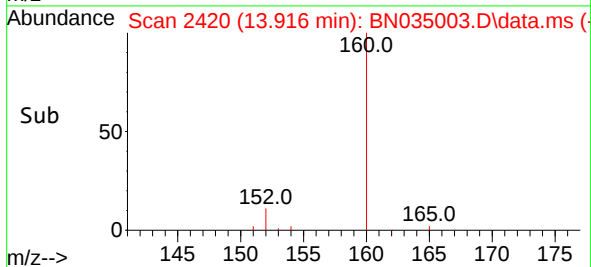
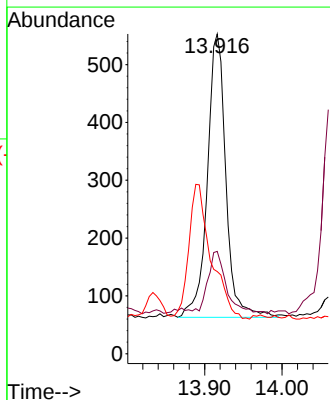
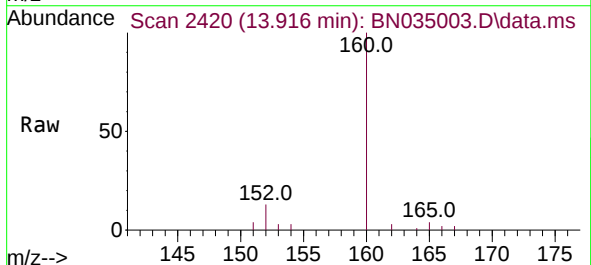
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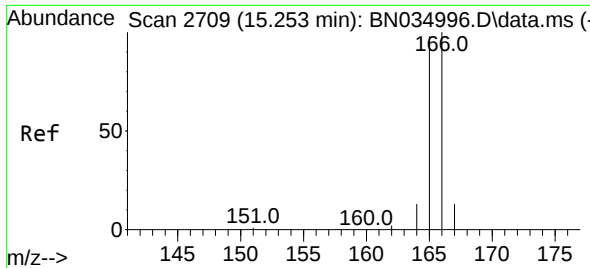
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 13.916 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BN035003.D
Acq: 11 Nov 2024 14:00

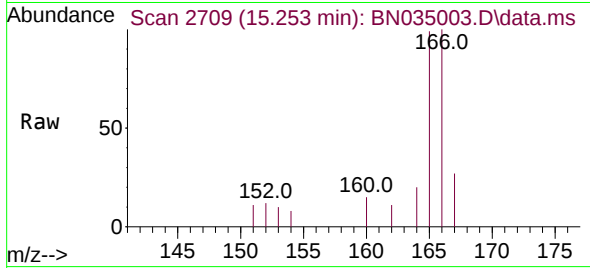
Tgt Ion:152 Resp: 815
Ion Ratio Lower Upper
152 100
151 32.0 16.6 24.8#
153 25.7 11.0 16.6#





#12
Fluorene
Concen: 0.048 ng/ul
RT: 15.253 min Scan# 2709
Delta R.T. -0.009 min
Lab File: BN035003.D
Acq: 11 Nov 2024 14:00

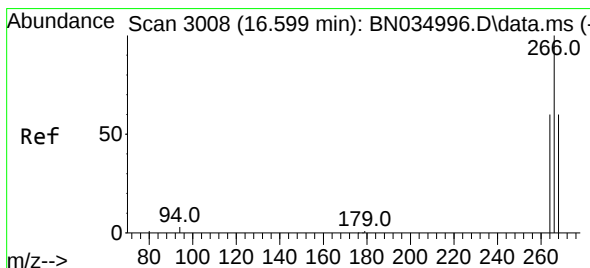
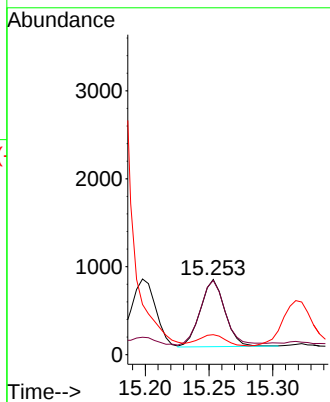
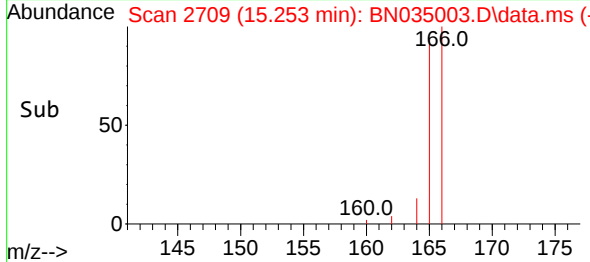
Instrument :
BNA_N
ClientSampleId :
CC0P6



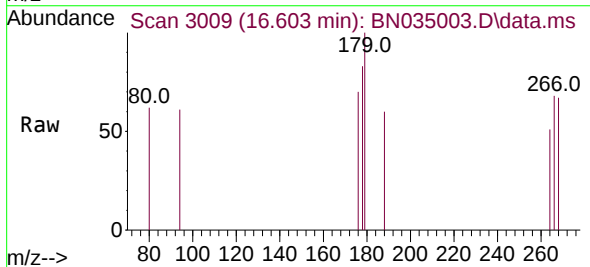
Tgt Ion:166 Resp: 102
Ion Ratio Lower Upper
166 100
165 98.8 79.0 118.4
167 26.5 11.8 17.6

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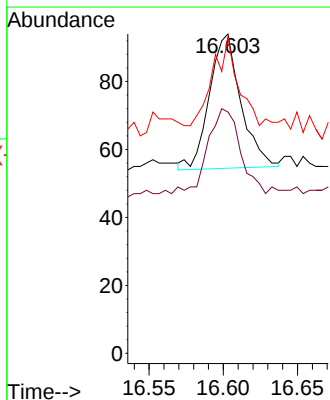
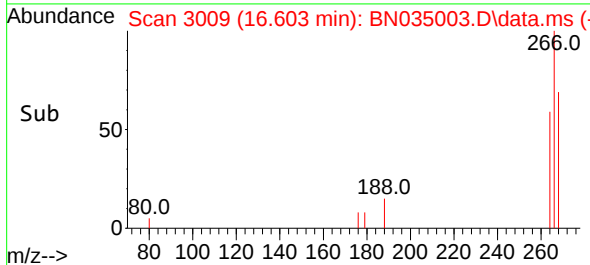
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Supervised By :mohammad ahmed 11/14/2024

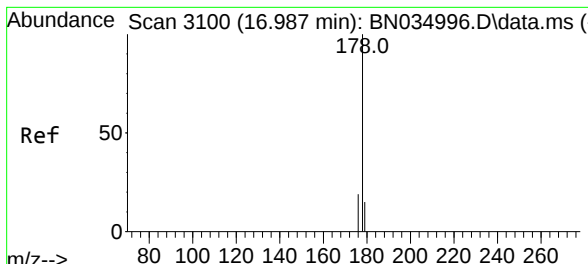


#14
Pentachlorophenol
Concen: 0.021 ng/ul
RT: 16.603 min Scan# 3009
Delta R.T. -0.004 min
Lab File: BN035003.D
Acq: 11 Nov 2024 14:00



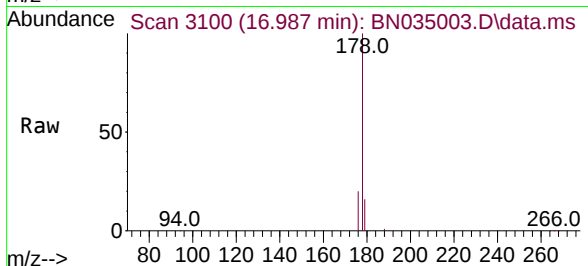
Tgt Ion:266 Resp: 58
Ion Ratio Lower Upper
266 100
264 79.3 50.2 75.2#
268 65.5 48.4 72.6





#15
Phenanthrene
Concen: 0.852 ng/ul
RT: 16.987 min Scan# 3100
Delta R.T. -0.008 min
Lab File: BN035003.D
Acq: 11 Nov 2024 14:00

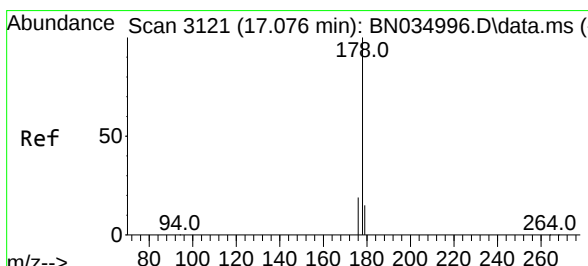
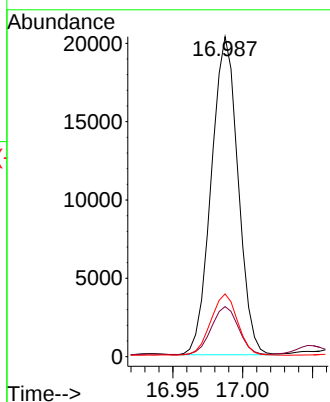
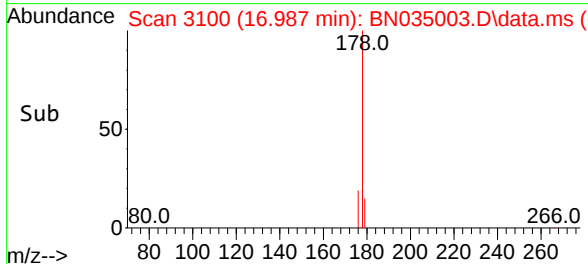
Instrument :
BNA_N
ClientSampleId :
CC0P6



Tgt Ion:178 Resp: 27014
Ion Ratio Lower Upper
178 100
179 15.6 13.4 20.2
176 19.6 15.8 23.6

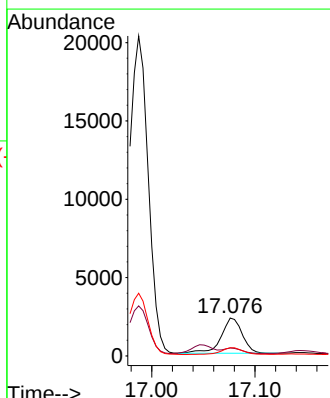
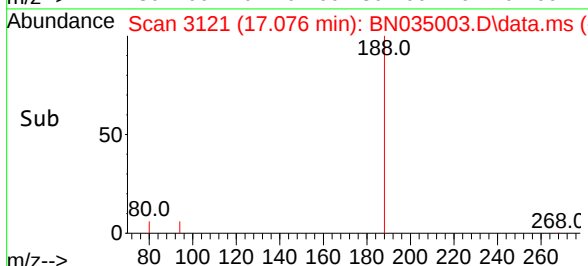
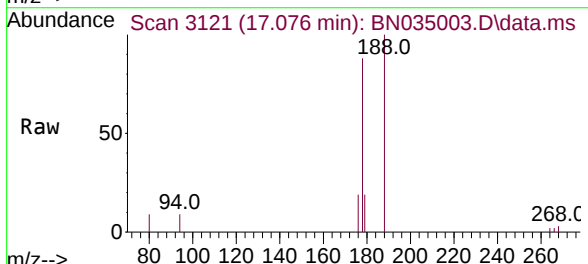
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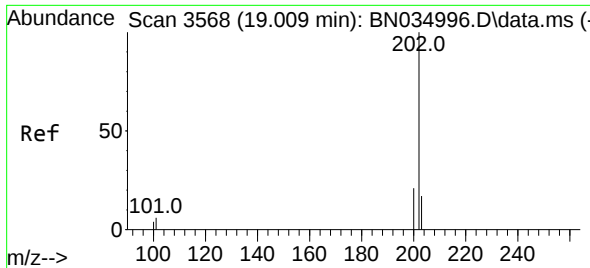
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



#16
Anthracene
Concen: 0.108 ng/ul
RT: 17.076 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BN035003.D
Acq: 11 Nov 2024 14:00

Tgt Ion:178 Resp: 3206
Ion Ratio Lower Upper
178 100
179 21.3 13.3 19.9#
176 21.6 15.8 23.8





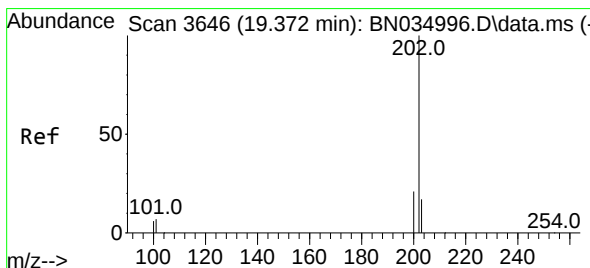
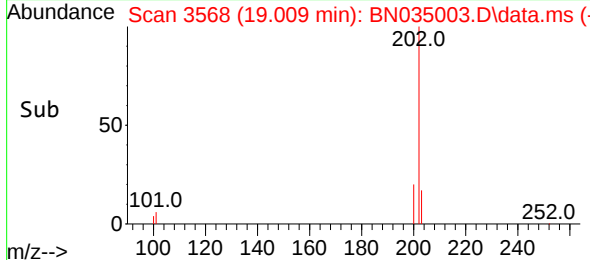
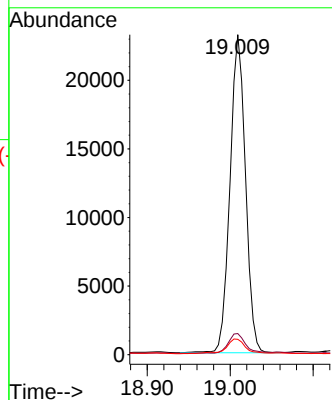
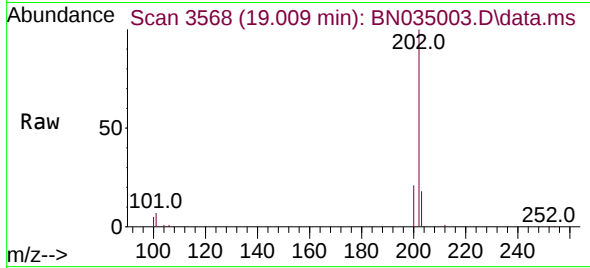
#19
Fluoranthene
Concen: 0.851 ng/u1
RT: 19.009 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BN035003.D
Acq: 11 Nov 2024 14:00

Instrument :
BNA_N
ClientSampleId :
CC0P6

Tgt Ion:202 Resp: 3005
Ion Ratio Lower Upper
202 100
101 6.6 4.2 6.2
100 4.8 3.2 4.8

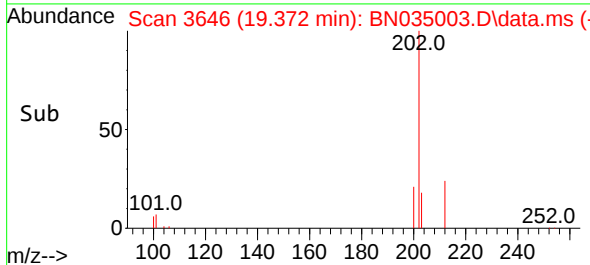
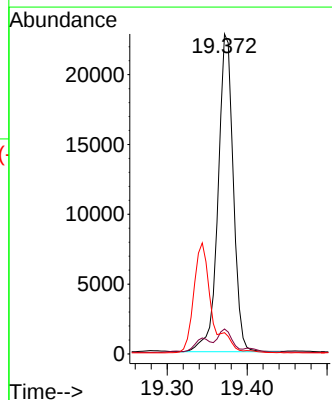
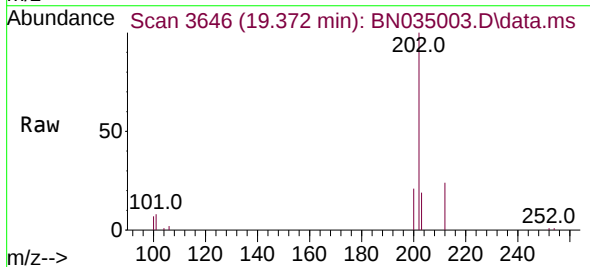
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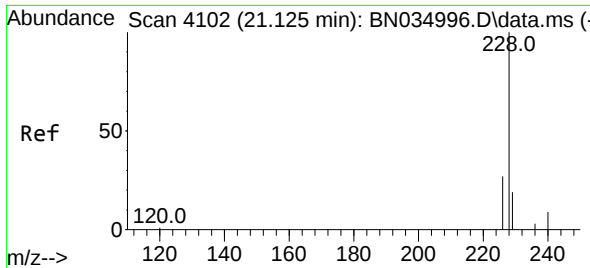
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



#20
Pyrene
Concen: 0.822 ng/u1
RT: 19.372 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BN035003.D
Acq: 11 Nov 2024 14:00

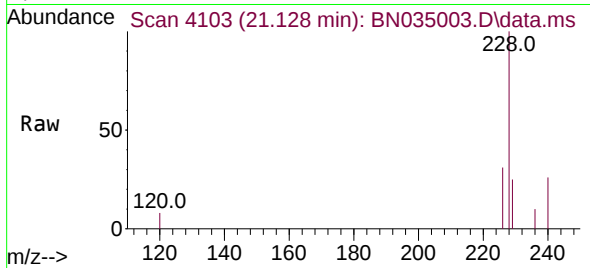
Tgt Ion:202 Resp: 30106
Ion Ratio Lower Upper
202 100
101 7.8 5.0 7.4#
100 6.7 4.1 6.1#





#21
Benzo(a)anthracene
Concen: 0.212 ng/ul
RT: 21.128 min Scan# 4112
Delta R.T. -0.003 min
Lab File: BN035003.D
Acq: 11 Nov 2024 14:00

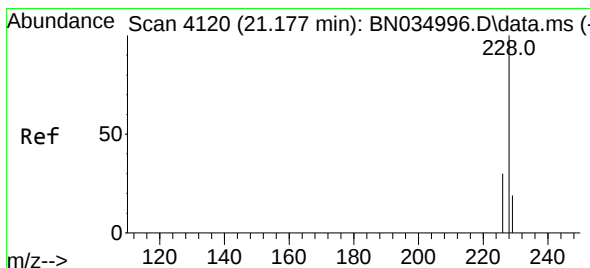
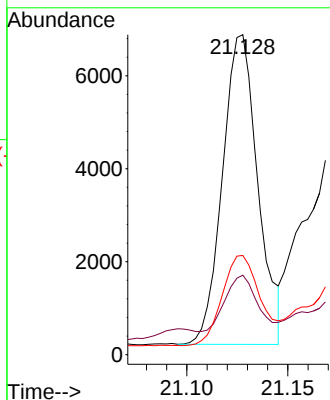
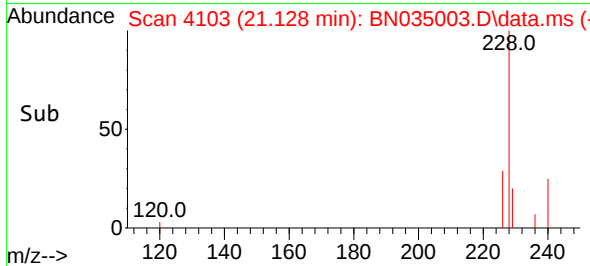
Instrument :
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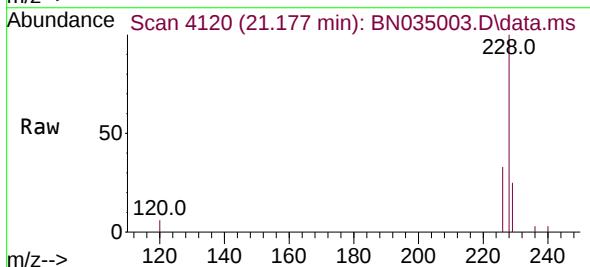
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Ion Ratio Lower Upper
228 100
229 24.8 15.8 23.8
226 31.0 22.2 33.2

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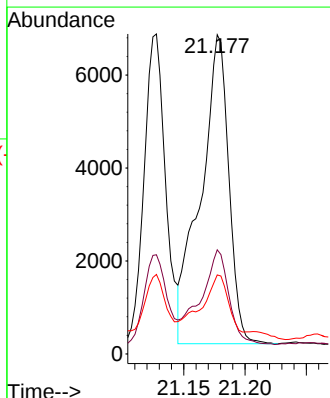
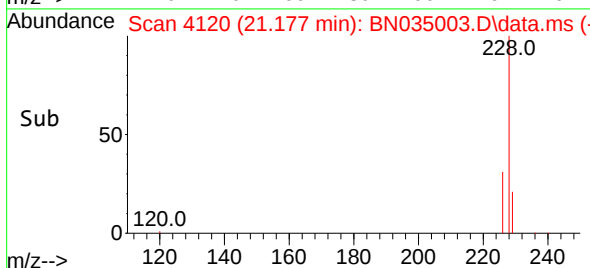
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024

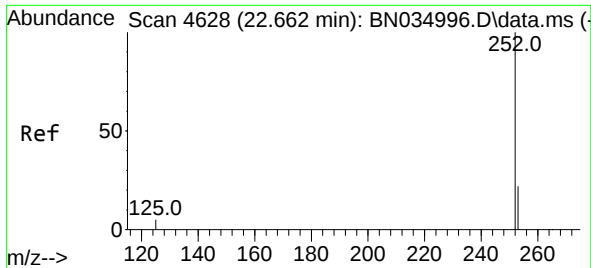


#22
Chrysene
Concen: 0.272 ng/ul
RT: 21.177 min Scan# 4120
Delta R.T. -0.006 min
Lab File: BN035003.D
Acq: 11 Nov 2024 14:00



Tgt Ion:228 Resp: 10624
Ion Ratio Lower Upper
228 100
226 32.6 24.2 36.4
229 24.8 15.4 23.2





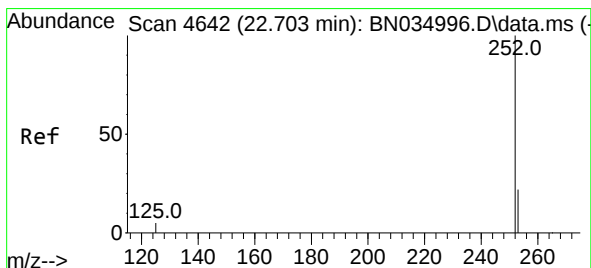
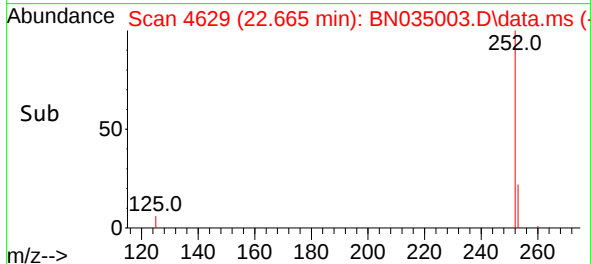
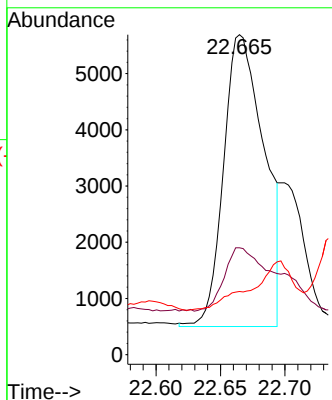
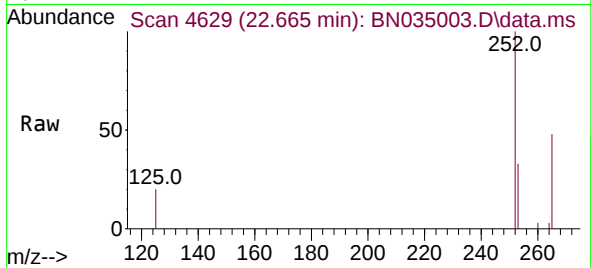
#24
Benzo(b)fluoranthene
Concen: 0.295 ng/ul m
RT: 22.665 min Scan# 4628
Delta R.T. -0.006 min
Lab File: BN035003.D
Acq: 11 Nov 2024 14:00

Instrument :
BNA_N
ClientSampleId :
CC0P6

Tgt Ion:252 Resp: 11320
Ion Ratio Lower Upper
252 100
253 33.4 0.0 50.0
125 19.8 0.0 14.0

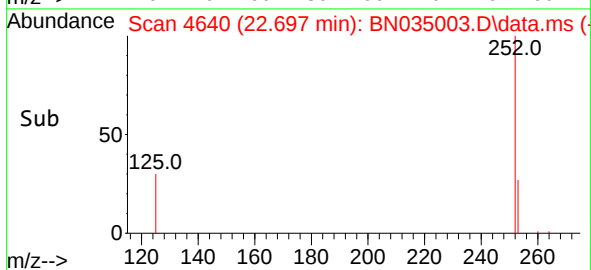
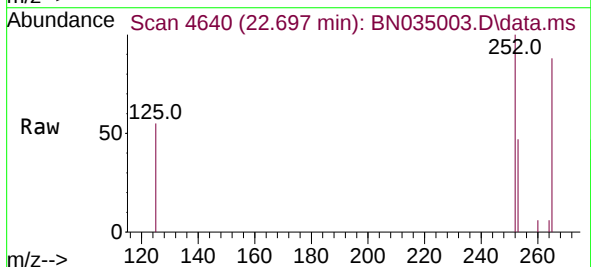
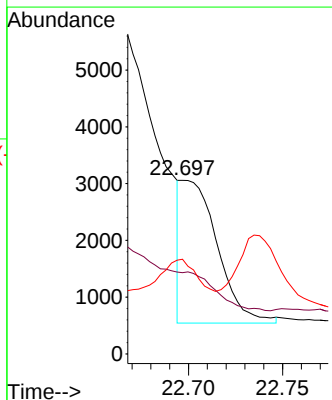
Manual Integrations
APPROVED

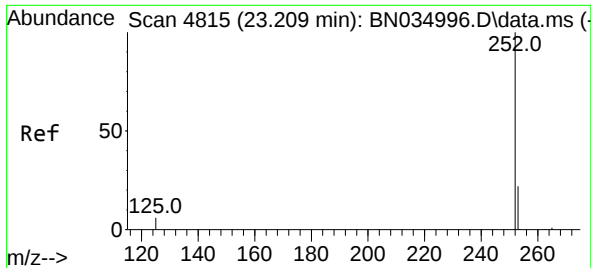
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



#25
Benzo(k)fluoranthene
Concen: 0.084 ng/ul m
RT: 22.697 min Scan# 4640
Delta R.T. -0.015 min
Lab File: BN035003.D
Acq: 11 Nov 2024 14:00

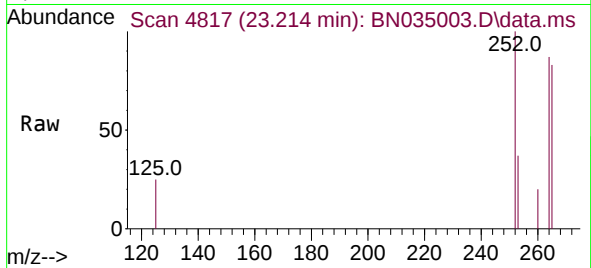
Tgt Ion:252 Resp: 3389
Ion Ratio Lower Upper
252 100
253 46.9 20.2 30.4#
125 54.5 5.8 8.8#





#26
Benzo(a)pyrene
Concen: 0.178 ng/ul m
RT: 23.214 min Scan# 4817
Delta R.T. -0.003 min
Lab File: BN035003.D
Acq: 11 Nov 2024 14:00

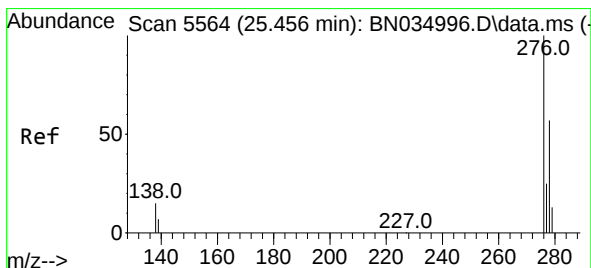
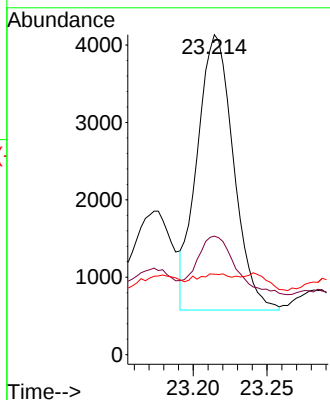
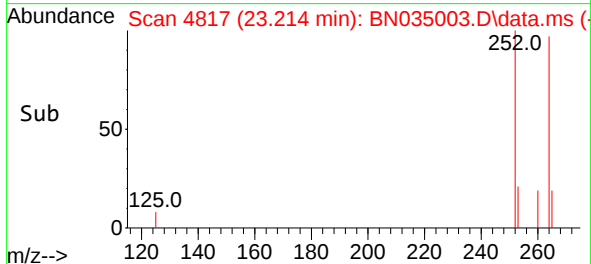
Instrument :
BNA_N
ClientSampleId :
CC0P6



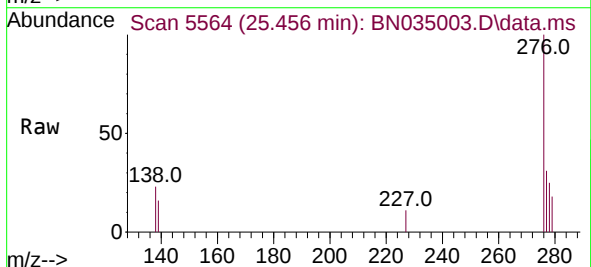
Tgt Ion:252 Resp: 6104
Ion Ratio Lower Upper
252 100
253 37.1 21.2 31.8#
125 25.2 6.3 9.5#

Manual Integrations
APPROVED

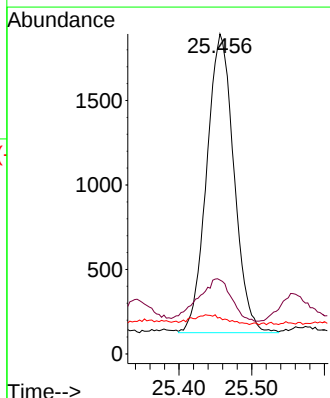
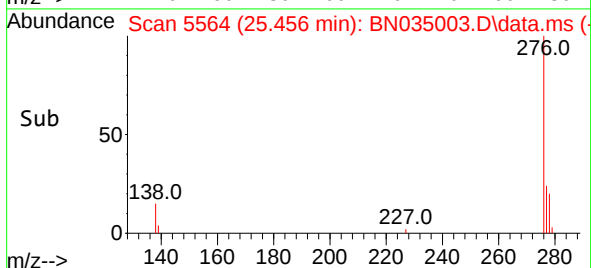
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024

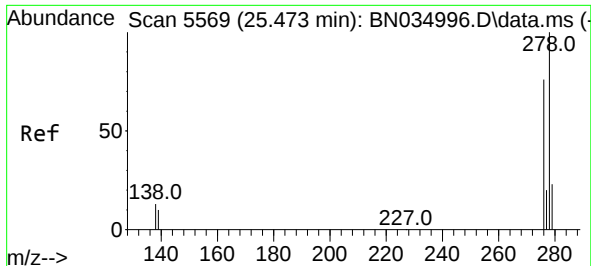


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.110 ng/ul m
RT: 25.456 min Scan# 5564
Delta R.T. -0.013 min
Lab File: BN035003.D
Acq: 11 Nov 2024 14:00



Tgt Ion:276 Resp: 4596
Ion Ratio Lower Upper
276 100
138 0.0 10.8 16.2#
227 0.1 0.2 0.4#





#28

Dibenzo(a,h)anthracene

Concen: 0.037 ng/ul m

RT: 25.470 min Scan# 5569

Delta R.T. -0.017 min

Lab File: BN035003.D

Acq: 11 Nov 2024 14:00

Instrument :

BNA_N

ClientSampleId :

CC0P6

Tgt Ion:278 Resp: 119

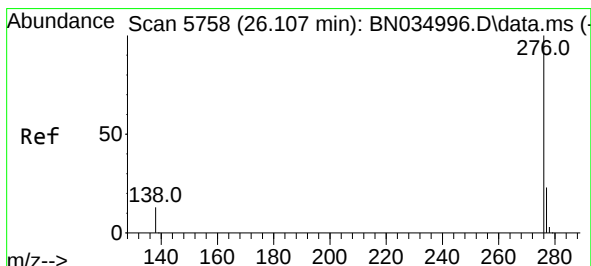
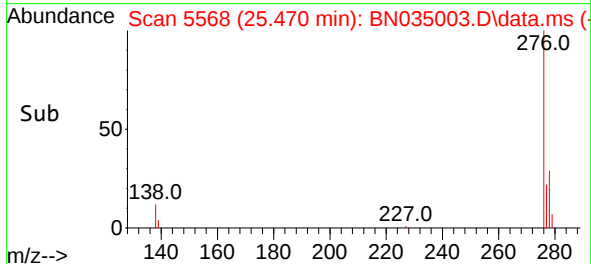
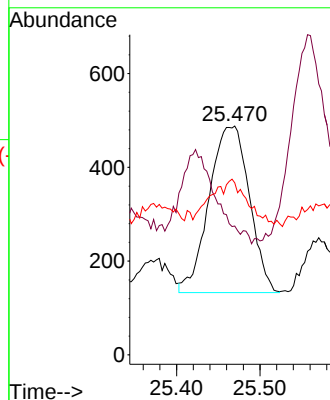
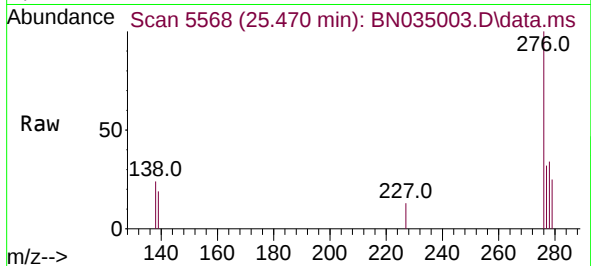
Ion	Ratio	Lower	Upper
278	100		
139	56.4	8.4	12.6
279	75.2	21.5	32.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/12/2024

Supervised By :mohammad ahmed 11/14/2024



#29

Benzo(g,h,i)perylene

Concen: 0.169 ng/ul m

RT: 26.110 min Scan# 5759

Delta R.T. -0.017 min

Lab File: BN035003.D

Acq: 11 Nov 2024 14:00

Tgt Ion:276 Resp: 5404

Ion	Ratio	Lower	Upper
276	100		
138	21.0	10.3	15.5
277	29.2	20.2	30.2

