

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032932.D
 Acq On : 24 Jul 2024 04:33
 Operator : MA/JU
 Sample : P3215-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4C12

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 04:57:37 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jul 20 01:52:15 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	6077	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	20054	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	12280	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.944	188	25556m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.165	240	13187m	0.400	ng/ul	0.00
23) Perylene-d12	23.359	264	19497m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	20677	2.834	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	6229	0.206	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212	8784m	0.204	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.343	128	116070	2.155	ng/ul	97
7) 2-Methylnaphthalene	11.971	142	54097	1.609	ng/ul	97
8) 1-Methylnaphthalene	12.191	142	47505	1.367	ng/ul	99
10) Acenaphthylene	13.897	152	110520	2.228	ng/ul	99
11) Acenaphthene	14.239	153	171268	4.174	ng/ul	98
12) Fluorene	15.238	166	177433	3.783	ng/ul	99
14) Pentachlorophenol	16.623	266	320m	0.071	ng/ul	
15) Phenanthrene	16.986	178	2011008m	28.894	ng/ul	
16) Anthracene	17.075	178	460972m	8.107	ng/ul	
19) Fluoranthene	19.022	202	2473986m	46.143	ng/ul	
20) Pyrene	19.385	202	1554348m	28.008	ng/ul	
21) Benzo(a)anthracene	21.147	228	1240019m	29.541	ng/ul	
22) Chrysene	21.200	228	1204726m	19.840	ng/ul	
24) Benzo(b)fluoranthene	22.705	252	1550072m	22.533	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	517324m	6.171	ng/ul	
26) Benzo(a)pyrene	23.266	252	442389m	7.431	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.579	276	425703m	5.281	ng/ul	
28) Dibenzo(a,h)anthracene	25.572	278	213700m	3.420	ng/ul	
29) Benzo(g,h,i)perylene	26.263	276	55437m	0.823	ng/ul	

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

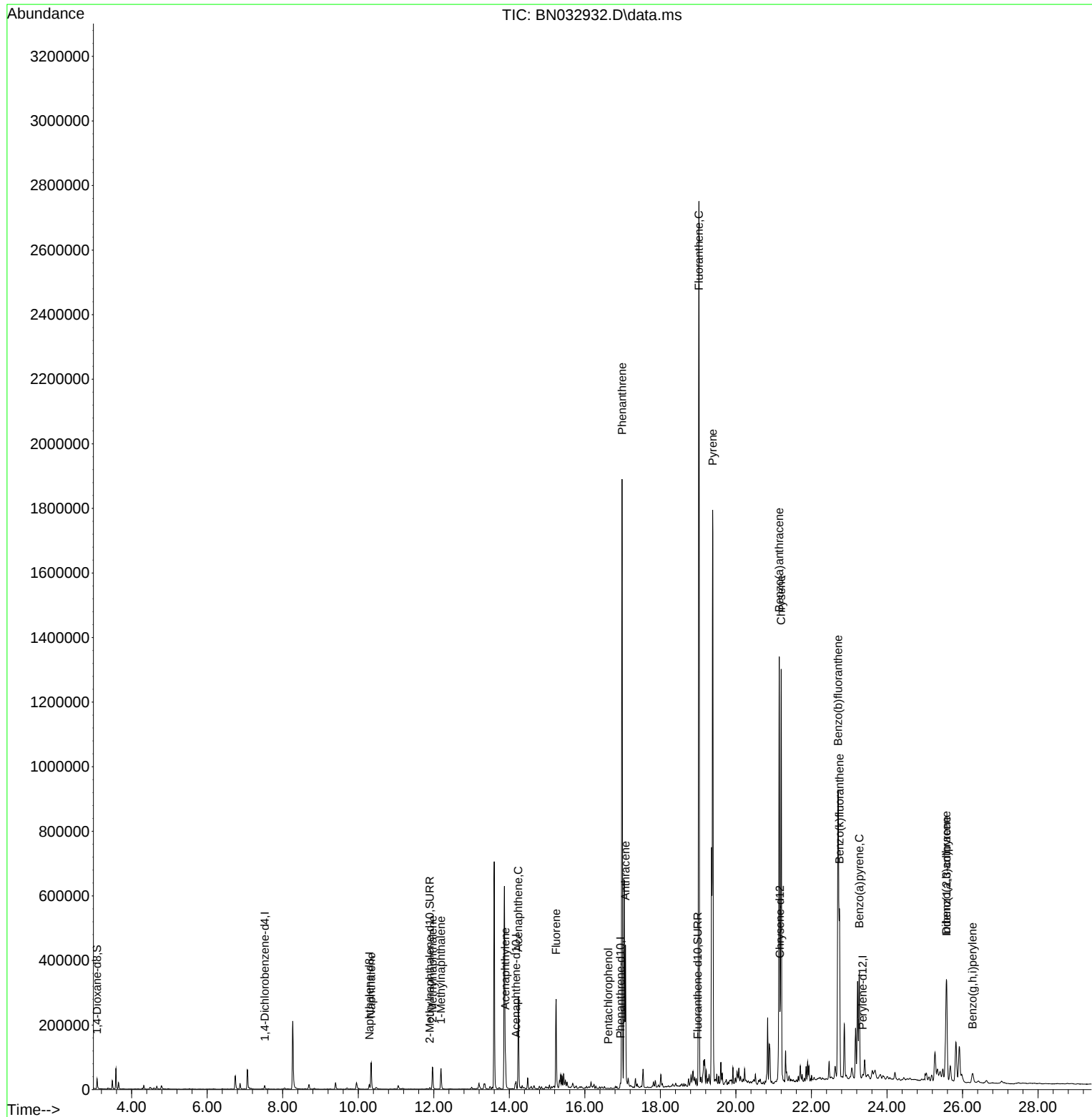
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032932.D
Acq On : 24 Jul 2024 04:33
Operator : MA/JU
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ALS Vial : 42 Sample Multiplier: 1

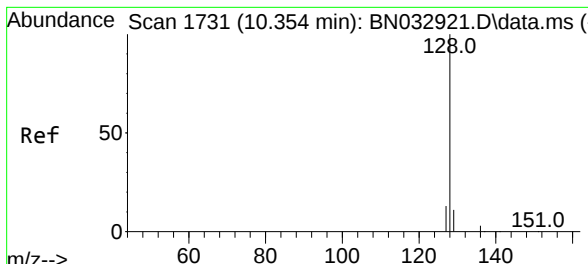
Instrument :
BNA_N
ClientSampleId :
A4C12

Quant Time: Jul 24 04:57:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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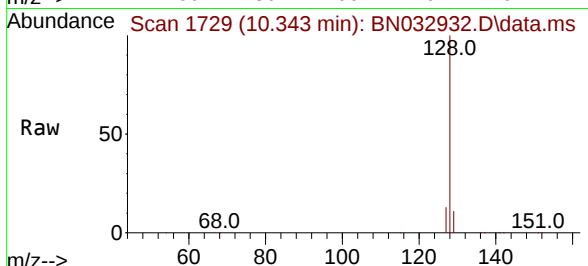
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024





#5
Naphthalene
Concen: 2.155 ng/ul
RT: 10.343 min Scan# 11
Delta R.T. -0.021 min
Lab File: BN032932.D
Acq: 24 Jul 2024 04:33

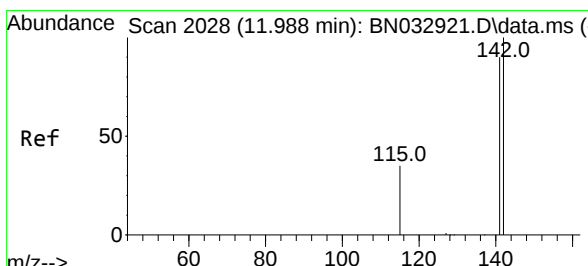
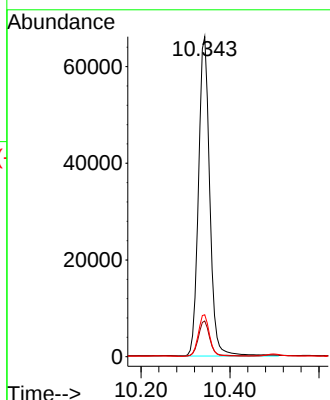
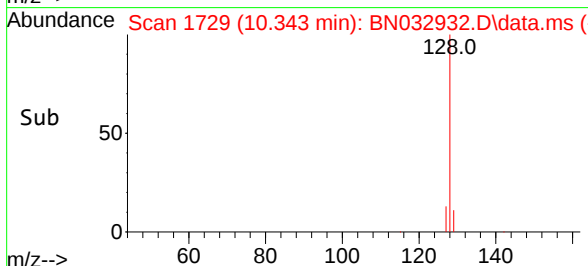
Instrument :
BNA_N
ClientSampleId :
A4C12



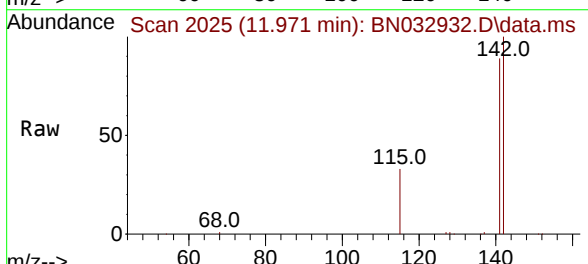
Tgt Ion:128 Resp: 116070
Ion Ratio Lower Upper
128 100
129 11.2 10.0 15.0
127 13.1 11.6 17.4

Manual Integrations
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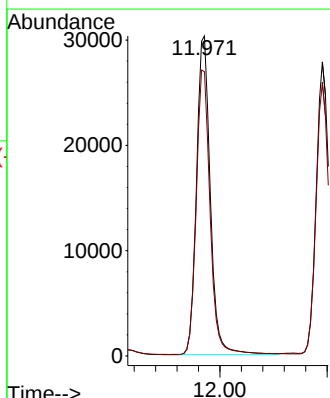
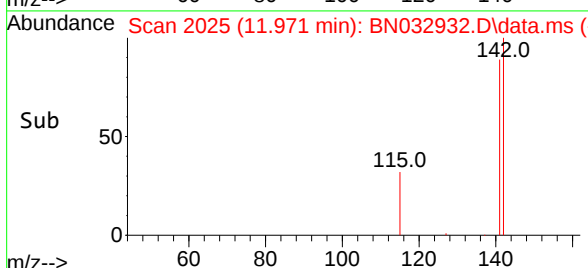
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

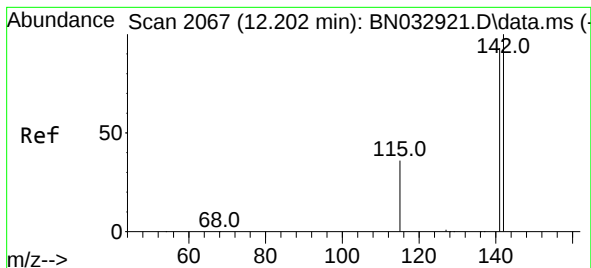


#7
2-Methylnaphthalene
Concen: 1.609 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032932.D
Acq: 24 Jul 2024 04:33



Tgt Ion:142 Resp: 54097
Ion Ratio Lower Upper
142 100
141 89.7 74.0 111.0





#8

1-Methylnaphthalene

Concen: 1.367 ng/ul

RT: 12.191 min Scan# 2065

Delta R.T. -0.021 min

Lab File: BN032932.D

Acq: 24 Jul 2024 04:33

Instrument :

BNA_N

ClientSampleId :

A4C12

Tgt Ion:142 Resp: 4750

Ion Ratio Lower Upper

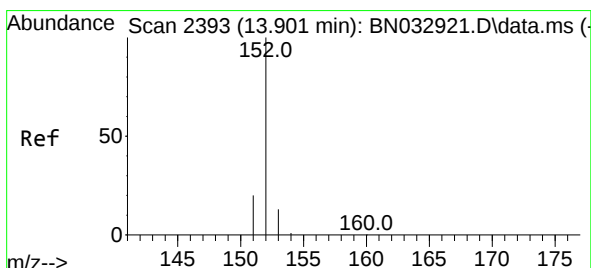
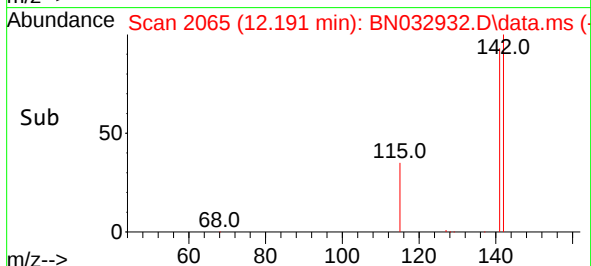
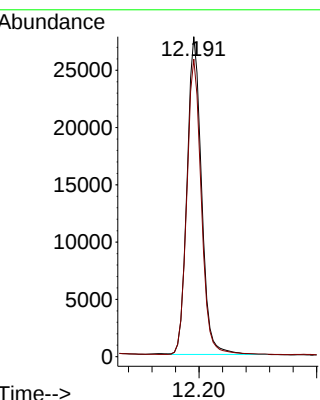
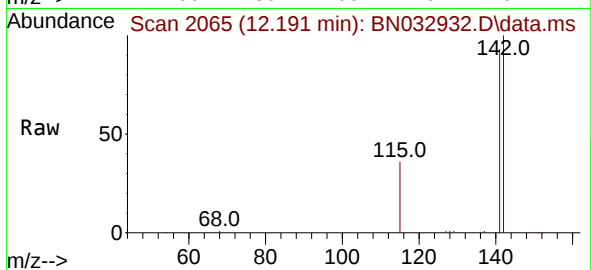
142 100

141 92.8 75.0 112.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#10

Acenaphthylene

Concen: 2.228 ng/ul

RT: 13.897 min Scan# 2392

Delta R.T. -0.017 min

Lab File: BN032932.D

Acq: 24 Jul 2024 04:33

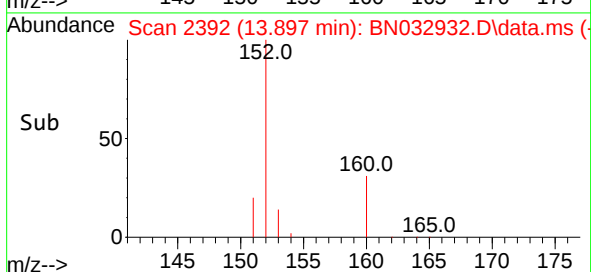
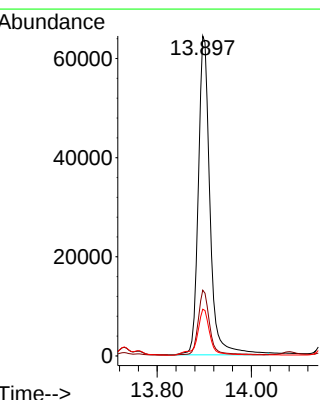
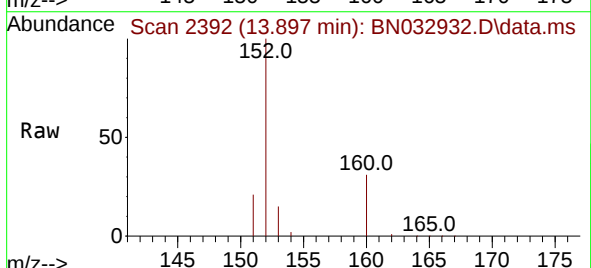
Tgt Ion:152 Resp: 110520

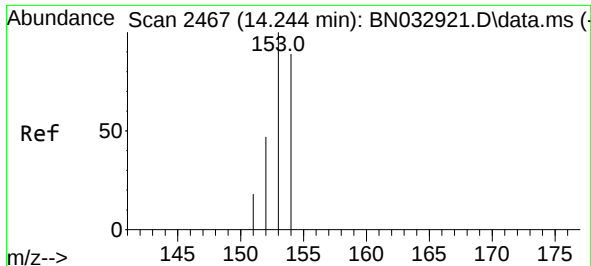
Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

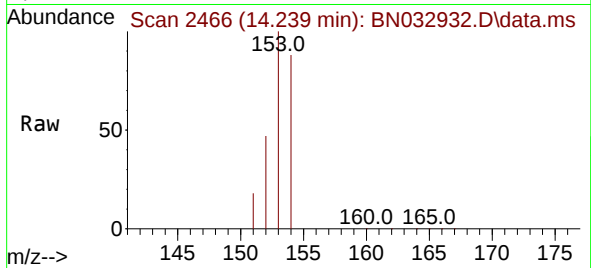
153 14.6 11.3 16.9





#11
Acenaphthene
Concen: 4.174 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032932.D
Acq: 24 Jul 2024 04:33

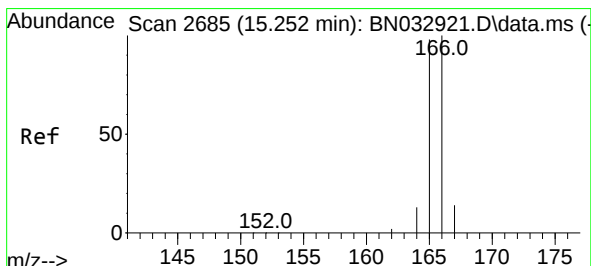
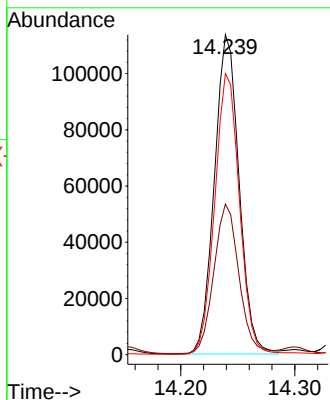
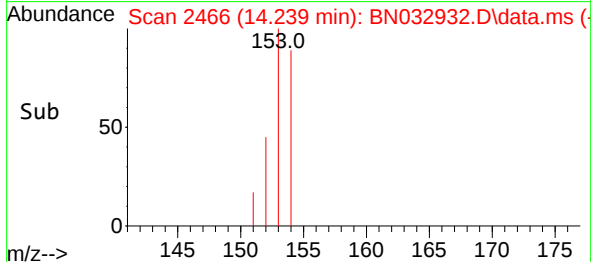
Instrument :
BNA_N
ClientSampleId :
A4C12



Tgt Ion:153 Resp: 171268
Ion Ratio Lower Upper
153 100
152 47.1 40.0 60.0
154 87.9 70.2 105.4

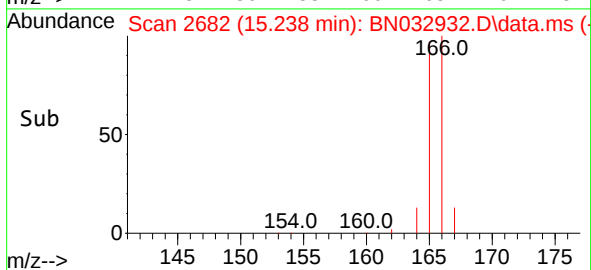
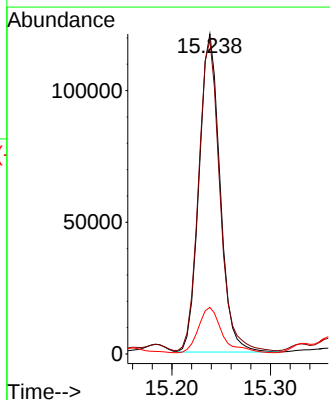
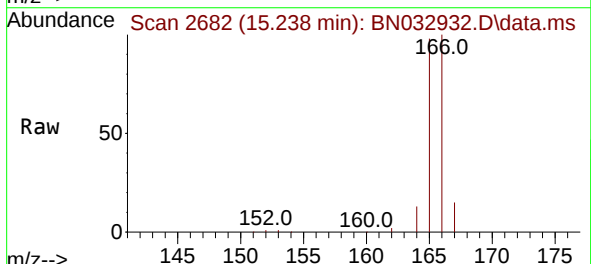
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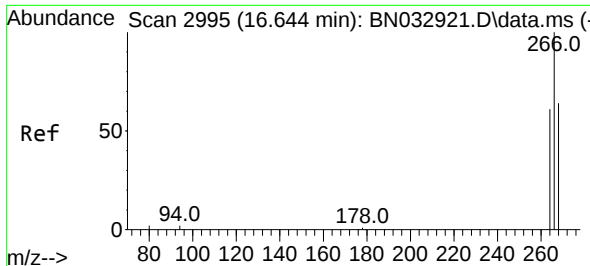
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#12
Fluorene
Concen: 3.783 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032932.D
Acq: 24 Jul 2024 04:33

Tgt Ion:166 Resp: 177433
Ion Ratio Lower Upper
166 100
165 98.1 79.7 119.5
167 14.6 11.4 17.2





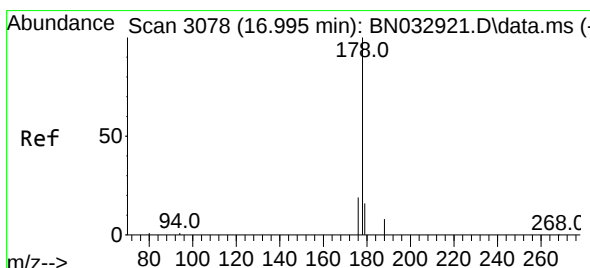
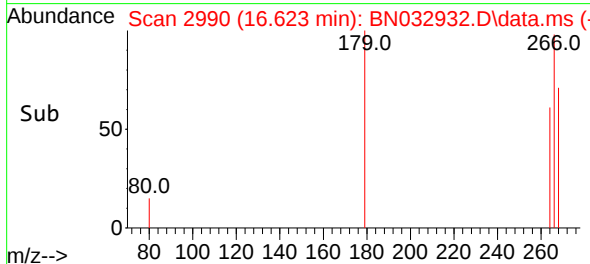
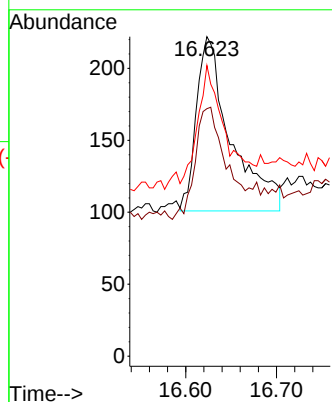
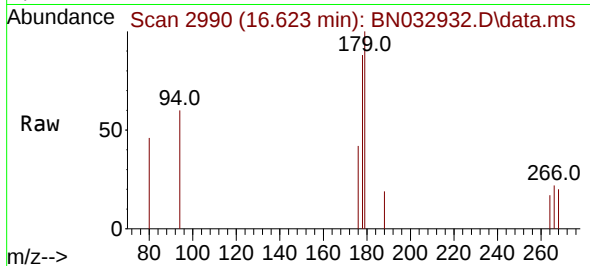
#14
Pentachlorophenol
Concen: 0.071 ng/ul m
RT: 16.623 min Scan# 2995
Delta R.T. -0.020 min
Lab File: BN032932.D
Acq: 24 Jul 2024 04:33

Instrument :
BNA_N
ClientSampleId :
A4C12

Tgt Ion:266 Resp: 320
Ion Ratio Lower Upper
266 100
264 0.0 49.4 74.2
268 2.2 51.6 77.4

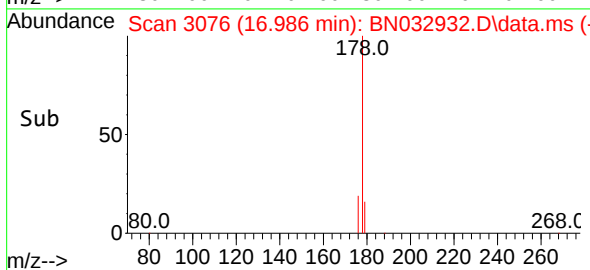
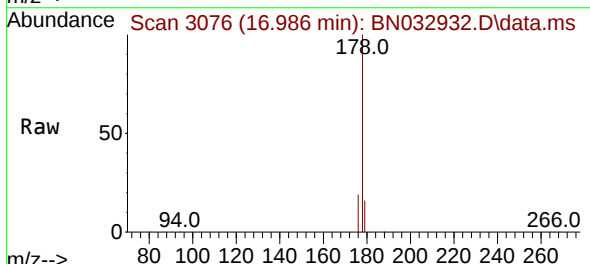
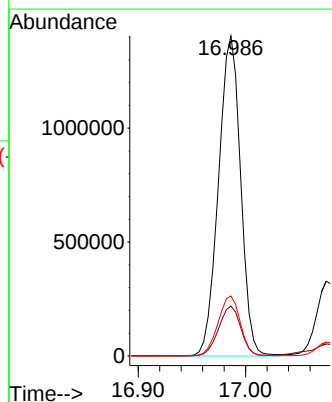
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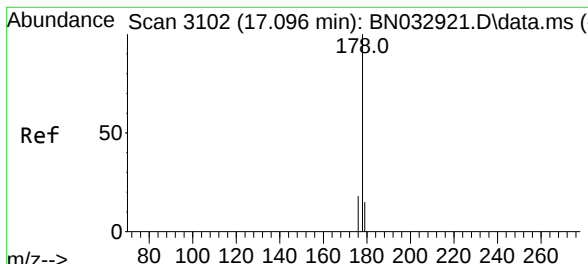
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#15
Phenanthrene
Concen: 28.894 ng/ul m
RT: 16.986 min Scan# 3076
Delta R.T. -0.015 min
Lab File: BN032932.D
Acq: 24 Jul 2024 04:33

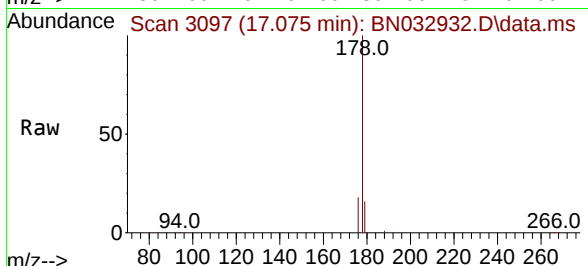
Tgt Ion:178 Resp: 2011008
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 18.8 15.6 23.4





#16
 Anthracene
 Concen: 8.107 ng/ul m
 RT: 17.075 min Scan# 3097
 Delta R.T. -0.024 min
 Lab File: BN032932.D
 Acq: 24 Jul 2024 04:33

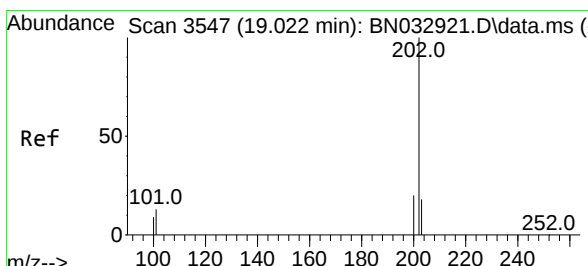
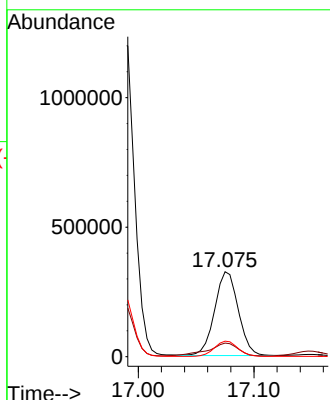
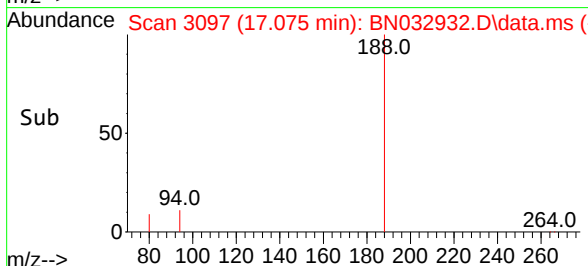
Instrument :
 BNA_N
 ClientSampleId :
 A4C12



Tgt Ion:178 Resp: 460972
 Ion Ratio Lower Upper
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 179 16.1 13.4 20.2
 176 18.3 15.4 23.0

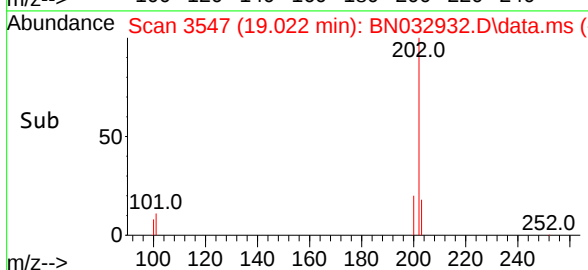
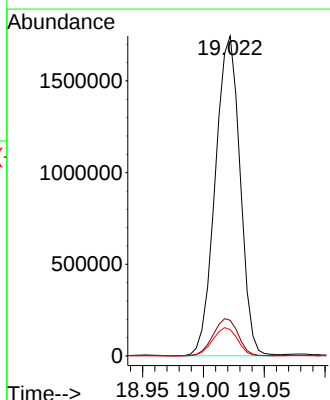
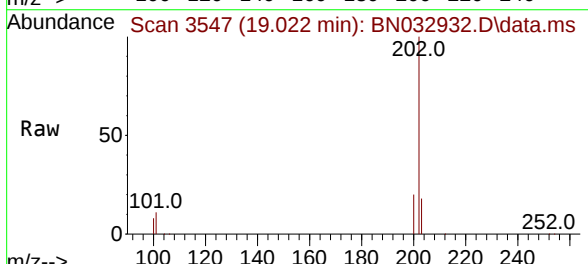
Manual Integrations
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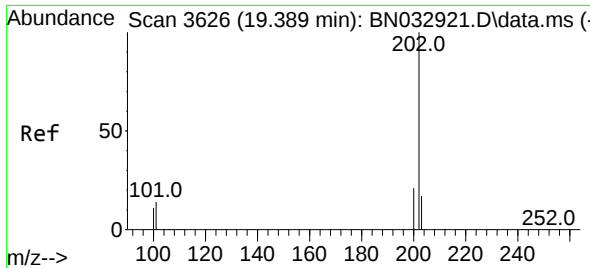
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024



#19
 Fluoranthene
 Concen: 46.143 ng/ul m
 RT: 19.022 min Scan# 3547
 Delta R.T. -0.003 min
 Lab File: BN032932.D
 Acq: 24 Jul 2024 04:33

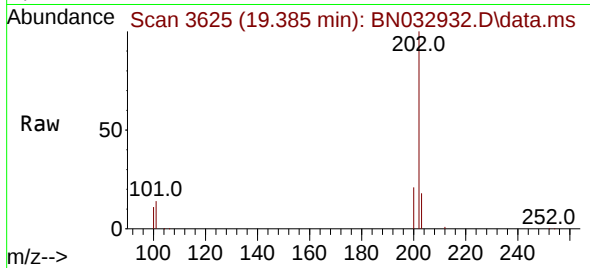
Tgt Ion:202 Resp: 2473986
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.8 14.8
 100 8.3 7.9 11.9





#20
Pyrene
Concen: 28.008 ng/ul m
RT: 19.385 min Scan# 3625
Delta R.T. -0.008 min
Lab File: BN032932.D
Acq: 24 Jul 2024 04:33

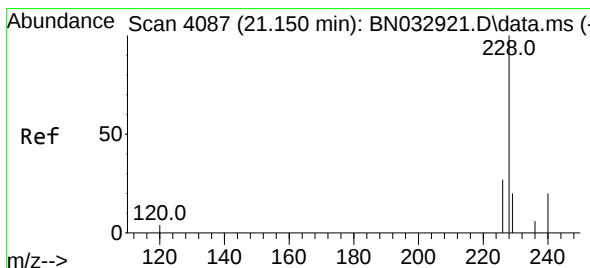
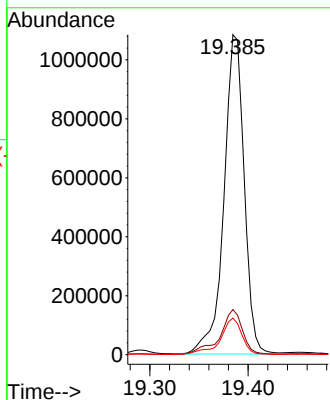
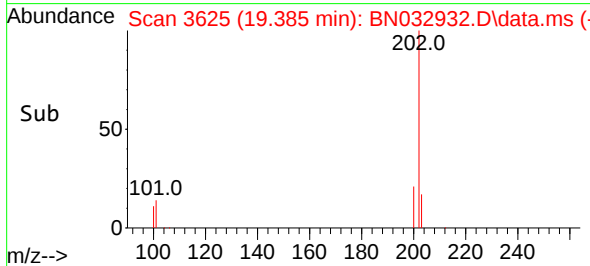
Instrument :
BNA_N
ClientSampleId :
A4C12



Tgt Ion:202 Resp: 155434
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.6
100 11.5 9.6 14.4

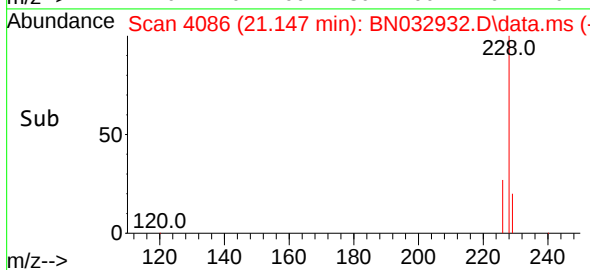
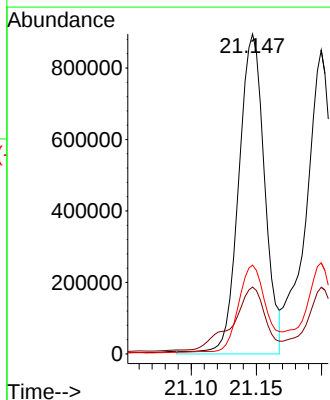
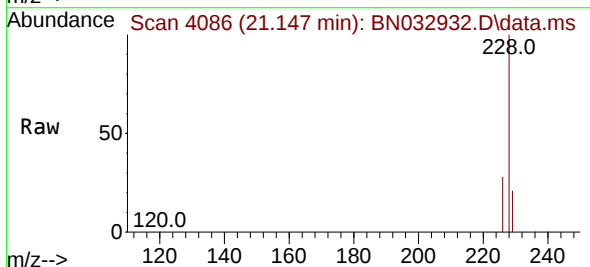
Manual Integrations
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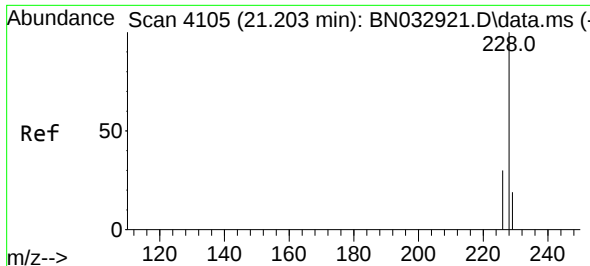
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#21
Benzo(a)anthracene
Concen: 29.541 ng/ul m
RT: 21.147 min Scan# 4086
Delta R.T. -0.003 min
Lab File: BN032932.D
Acq: 24 Jul 2024 04:33

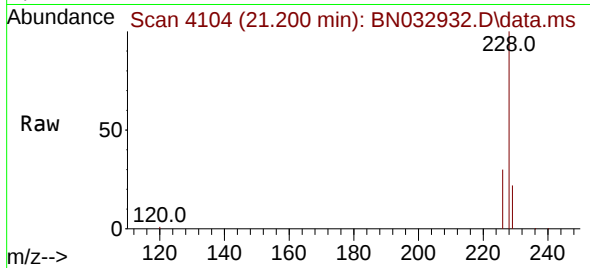
Tgt Ion:228 Resp: 1240019
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 27.7 21.9 32.9





#22
Chrysene
Concen: 19.840 ng/ul m
RT: 21.200 min Scan# 4105
Delta R.T. -0.003 min
Lab File: BN032932.D
Acq: 24 Jul 2024 04:33

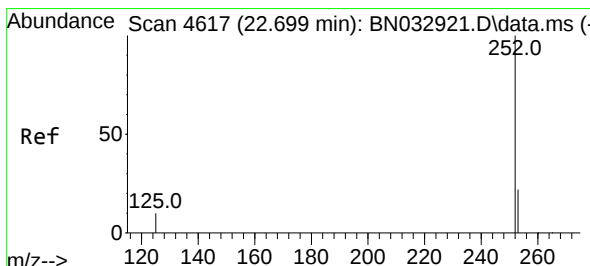
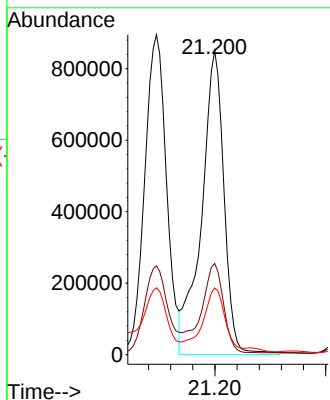
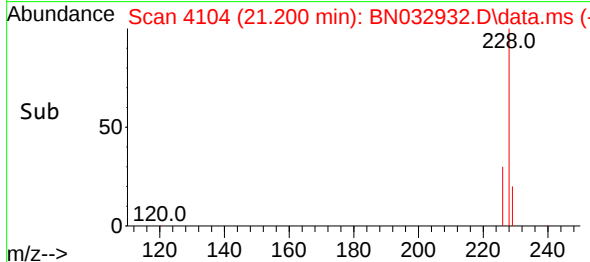
Instrument :
BNA_N
ClientSampleId :
A4C12



Tgt Ion:228 Resp: 1204720
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 22.0 15.8 23.6

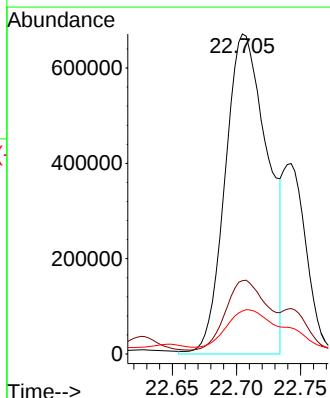
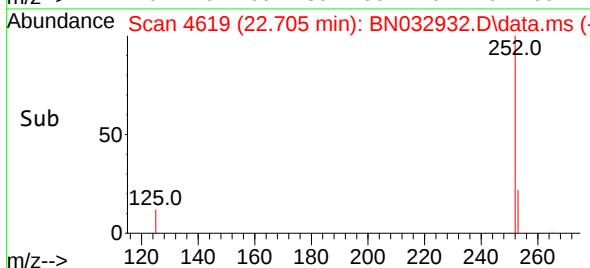
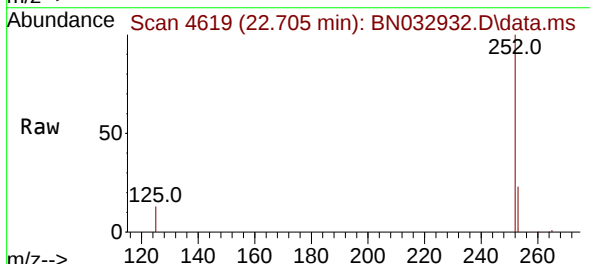
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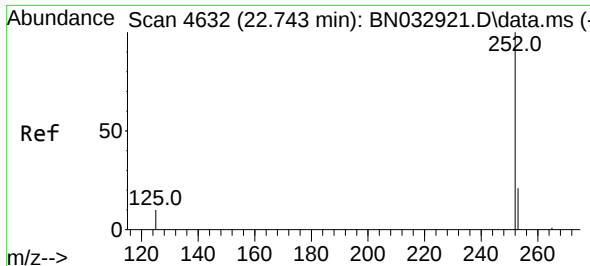
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#24
Benzo(b)fluoranthene
Concen: 22.533 ng/ul m
RT: 22.705 min Scan# 4619
Delta R.T. 0.006 min
Lab File: BN032932.D
Acq: 24 Jul 2024 04:33

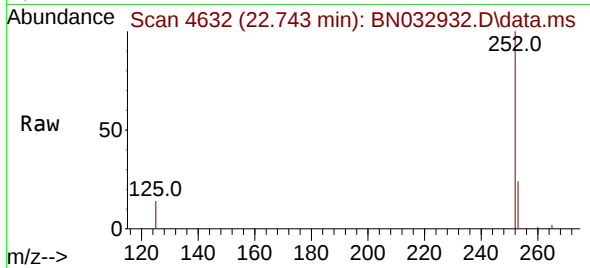
Tgt Ion:252 Resp: 1550072
Ion Ratio Lower Upper
252 100
253 22.9 0.0 54.0
125 13.4 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 6.171 ng/ul m
RT: 22.743 min Scan# 4632
Delta R.T. 0.003 min
Lab File: BN032932.D
Acq: 24 Jul 2024 04:33

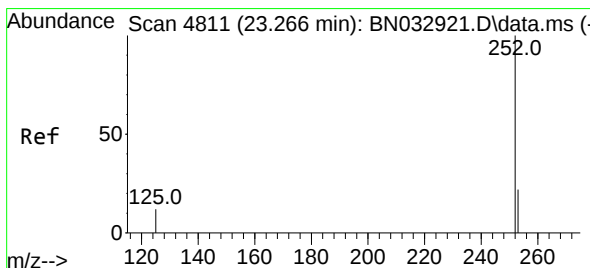
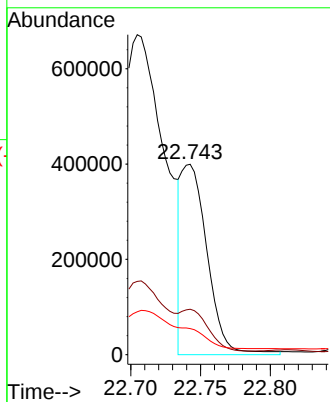
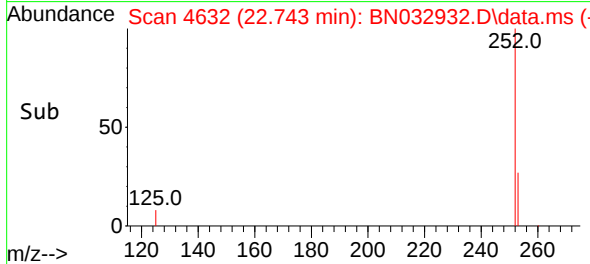
Instrument :
BNA_N
ClientSampleId :
A4C12



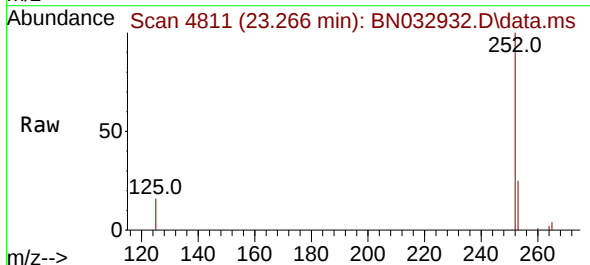
Tgt Ion:252 Resp: 517324
Ion Ratio Lower Upper
252 100
253 23.9 21.2 31.8
125 13.7 14.8 22.2

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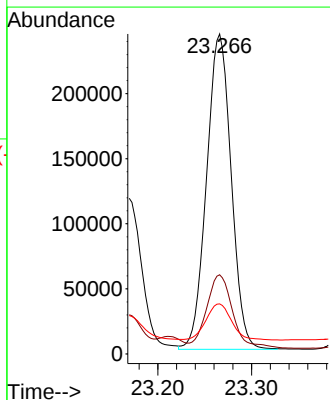
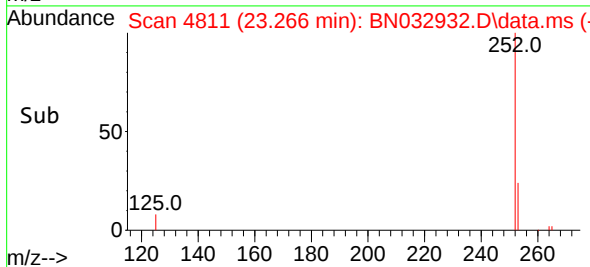
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

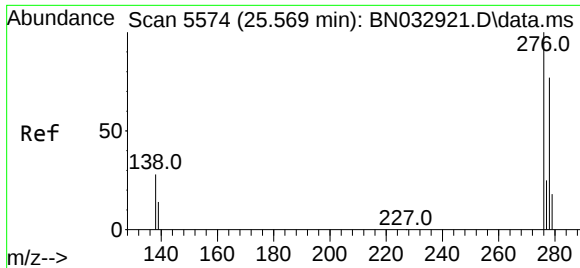


#26
Benzo(a)pyrene
Concen: 7.431 ng/ul m
RT: 23.266 min Scan# 4811
Delta R.T. 0.003 min
Lab File: BN032932.D
Acq: 24 Jul 2024 04:33



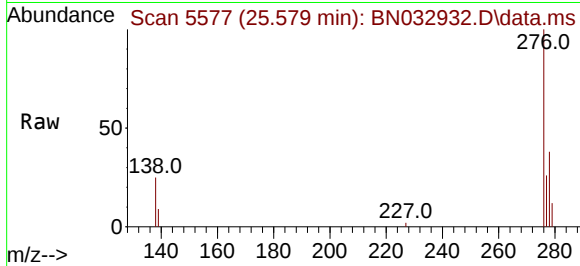
Tgt Ion:252 Resp: 442389
Ion Ratio Lower Upper
252 100
253 24.8 25.4 38.0#
125 15.7 20.6 30.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 5.281 ng/ul m
 RT: 25.579 min Scan# 5577
 Delta R.T. 0.010 min
 Lab File: BN032932.D
 Acq: 24 Jul 2024 04:33

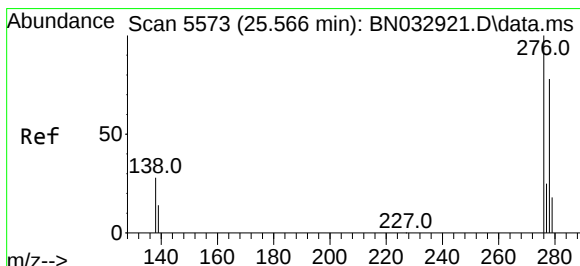
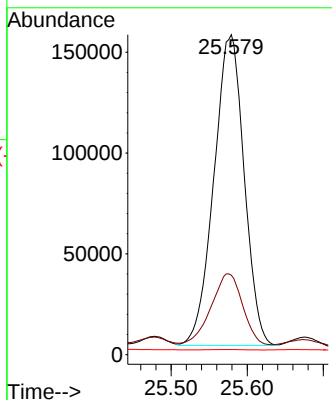
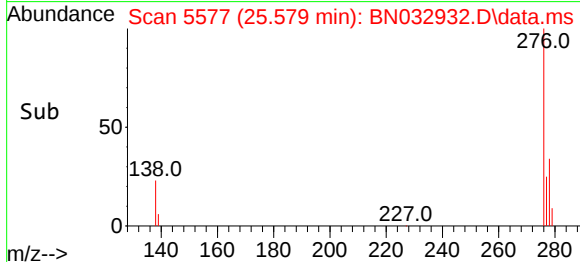
Instrument :
 BNA_N
 ClientSampleId :
 A4C12



Tgt Ion: 276 Resp: 425700
 Ion Ratio Lower Upper
 276 100
 138 2.3 21.6 32.4
 227 0.0 0.0 0.0

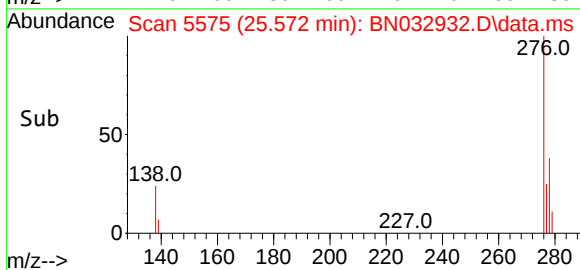
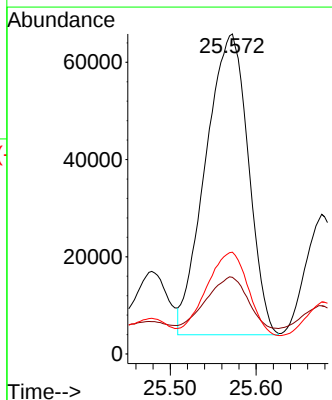
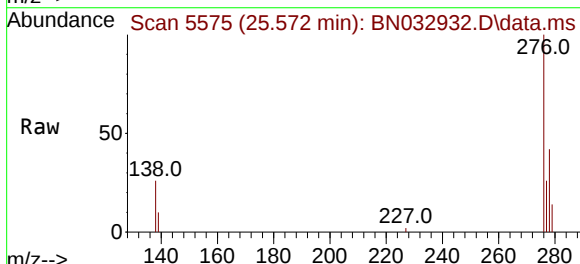
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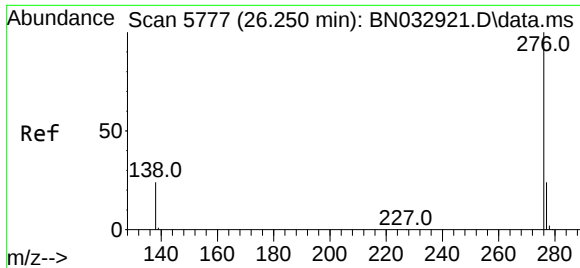
Reviewed By : Jagrut Upadhyay 07/24/2024
 Supervised By : mohammad ahmed 07/26/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 3.420 ng/ul m
 RT: 25.572 min Scan# 5575
 Delta R.T. 0.003 min
 Lab File: BN032932.D
 Acq: 24 Jul 2024 04:33

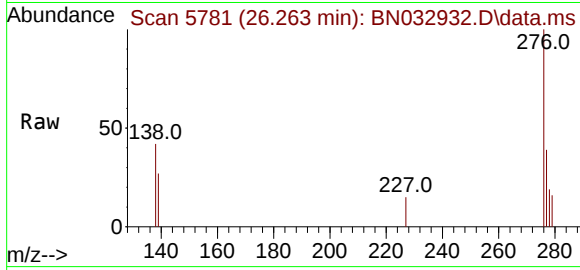
Tgt Ion: 278 Resp: 213700
 Ion Ratio Lower Upper
 278 100
 139 23.9 16.6 24.8
 279 31.8 23.7 35.5





#29
Benzo(g,h,i)perylene
Concen: 0.823 ng/ul m
RT: 26.263 min Scan# 51
Delta R.T. 0.013 min
Lab File: BN032932.D
Acq: 24 Jul 2024 04:33

Instrument :
BNA_N
ClientSampleId :
A4C12



Tgt Ion:276 Resp: 5543
Ion Ratio Lower Upper
276 100
138 41.9 21.0 31.4
277 39.0 20.6 31.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024

