

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032350.D
 Acq On : 29 Jun 2024 14:05
 Operator : MA/JU
 Sample : P2934-17
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CQ3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 30 23:05:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	8967	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	27198	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	14251	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	24027m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.214	240	18081m	0.400	ng/ul	-0.01
23) Perylene-d12	23.435	264	21179m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	37691	3.782	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	10554	0.259	ng/ul	-0.01
18) Fluoranthene-d10	19.050	212	16379m	0.301	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.437	128	13515	0.188	ng/ul	98
7) 2-Methylnaphthalene	12.059	142	6203	0.130	ng/ul	98
8) 1-Methylnaphthalene	12.284	142	5642	0.114	ng/ul	99
10) Acenaphthylene	13.980	152	17437	0.294	ng/ul	97
11) Acenaphthene	14.322	153	22868	0.497	ng/ul	98
12) Fluorene	15.312	166	22746	0.415	ng/ul	99
15) Phenanthrene	17.054	178	378421m	5.745	ng/ul	
16) Anthracene	17.147	178	71344m	1.214	ng/ul	
19) Fluoranthene	19.078	202	543768m	7.898	ng/ul	
20) Pyrene	19.445	202	514398m	7.149	ng/ul	
21) Benzo(a)anthracene	21.200	228	249516m	3.823	ng/ul	
22) Chrysene	21.252	228	271152m	3.786	ng/ul	
24) Benzo(b)fluoranthene	22.772	252	343780m	3.736	ng/ul	
25) Benzo(k)fluoranthene	22.807	252	124501m	1.393	ng/ul	
26) Benzo(a)pyrene	23.339	252	260918m	4.076	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.669	276	178877m	1.784	ng/ul	
28) Dibenzo(a,h)anthracene	25.673	278	46170m	0.620	ng/ul	
29) Benzo(g,h,i)perylene	26.350	276	178698m	2.238	ng/ul	

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

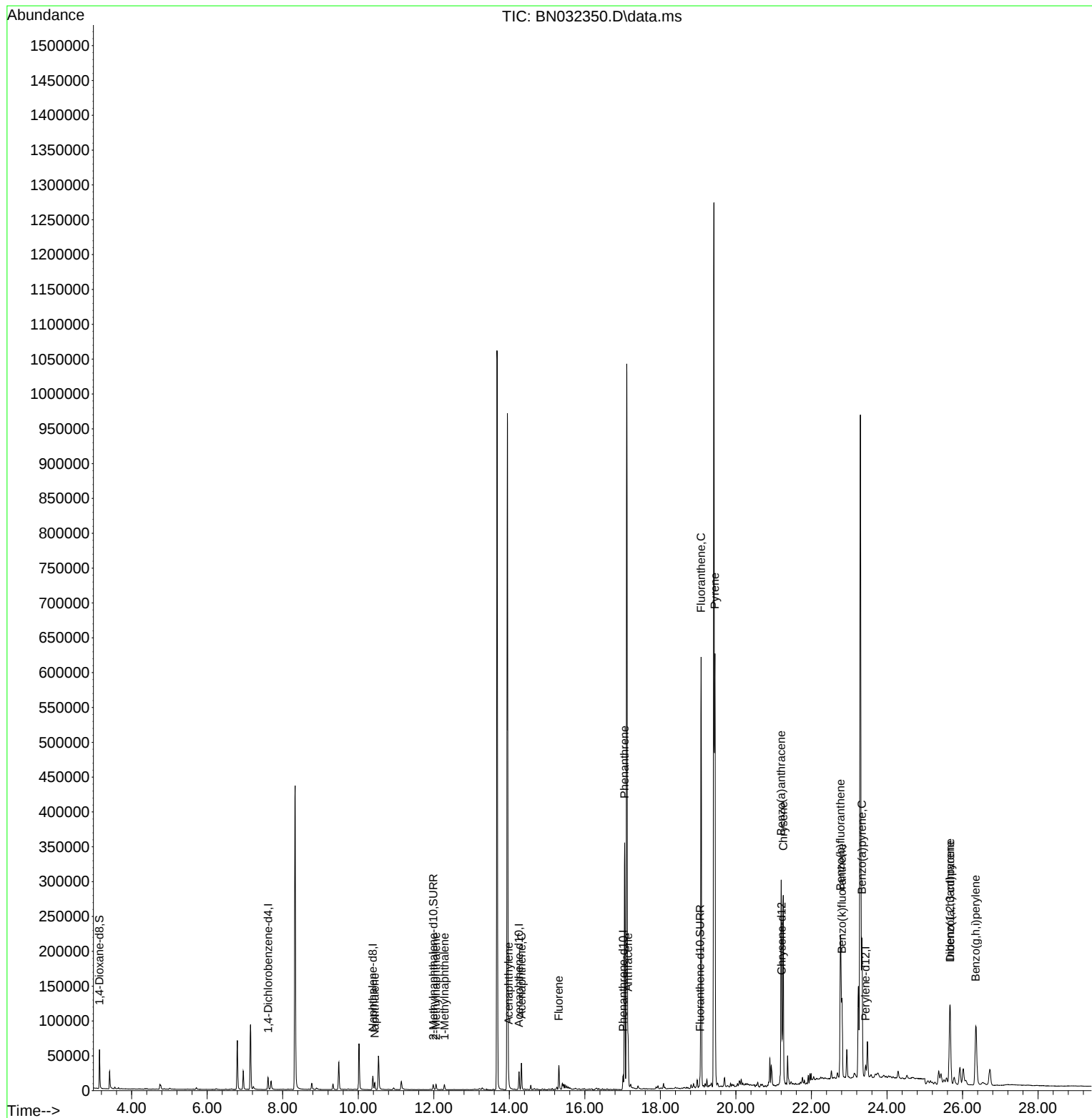
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032350.D
Acq On : 29 Jun 2024 14:05
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ALS Vial : 48 Sample Multiplier: 1

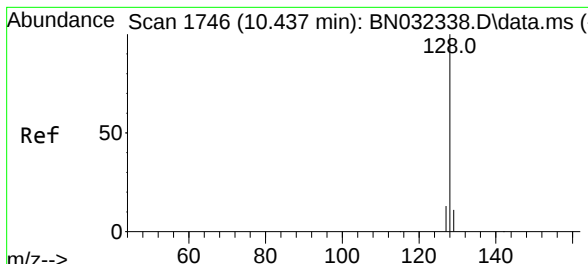
Instrument :
BNA_N
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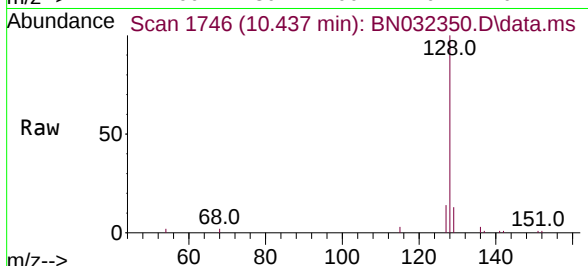
Quant Time: Jun 30 23:05:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.188 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

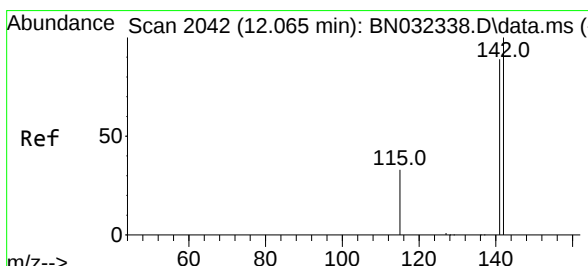
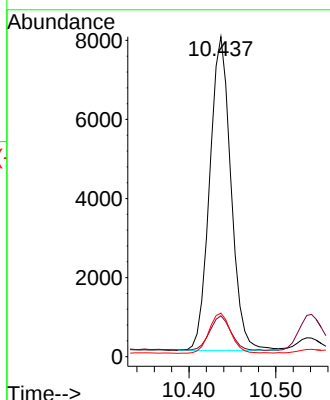
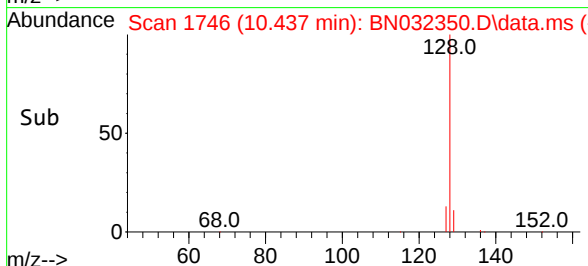
Instrument :
BNA_N
ClientSampleId :
A4CQ3



Tgt Ion:128 Resp: 1351
Ion Ratio Lower Upper
128 100
129 12.7 9.2 13.8
127 13.6 10.8 16.2

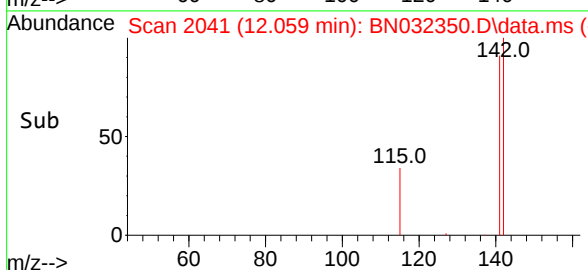
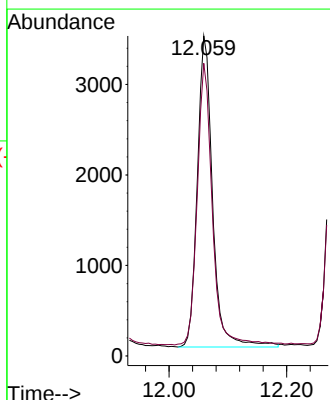
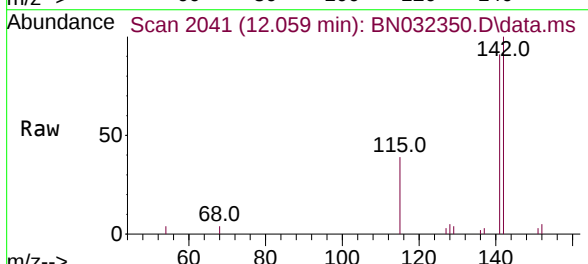
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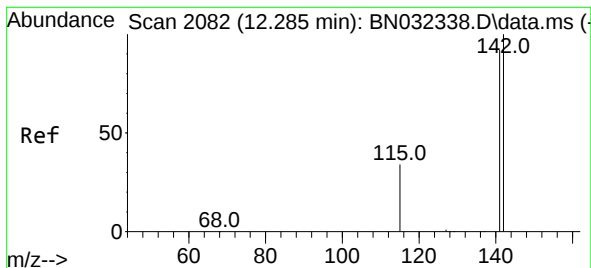
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 12.059 min Scan# 2041
Delta R.T. -0.017 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

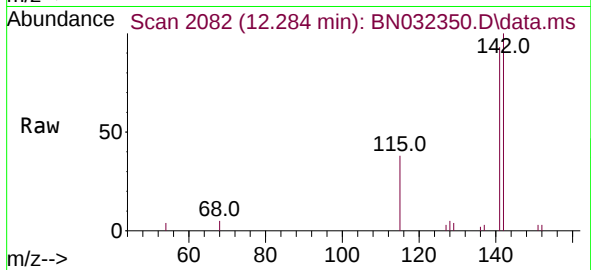
Tgt Ion:142 Resp: 6203
Ion Ratio Lower Upper
142 100
141 88.8 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.114 ng/ul
RT: 12.284 min Scan# 2082
Delta R.T. -0.011 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

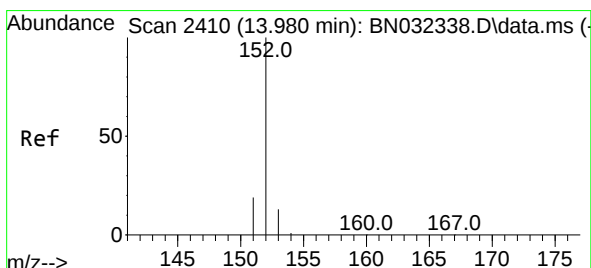
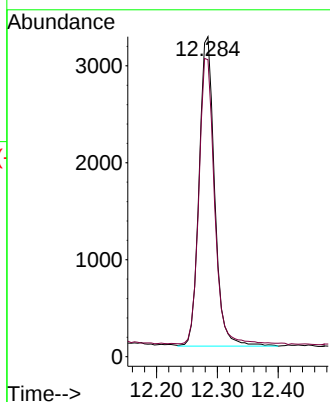
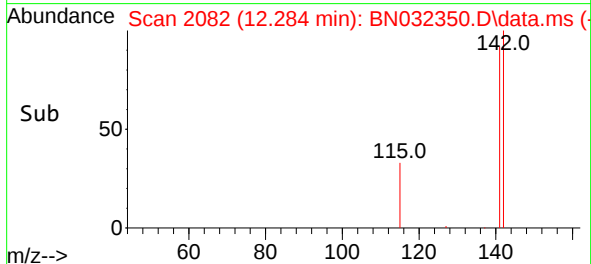
Instrument :
BNA_N
ClientSampleId :
A4CQ3



Tgt Ion:142 Resp: 564
Ion Ratio Lower Upper
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141 92.4 73.4 110.0

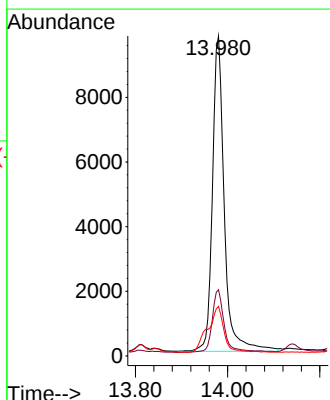
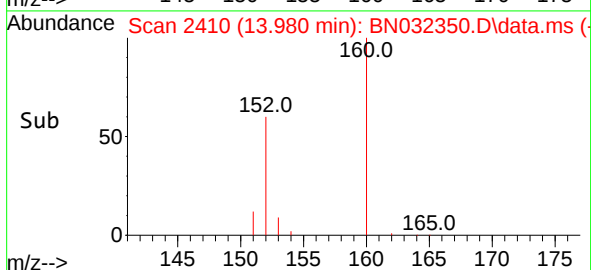
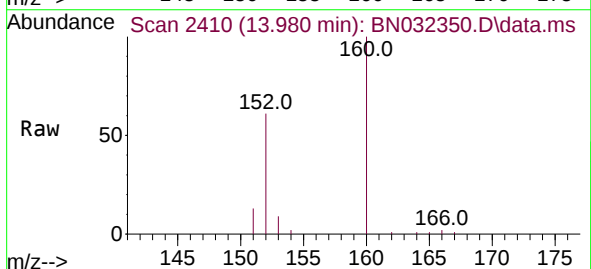
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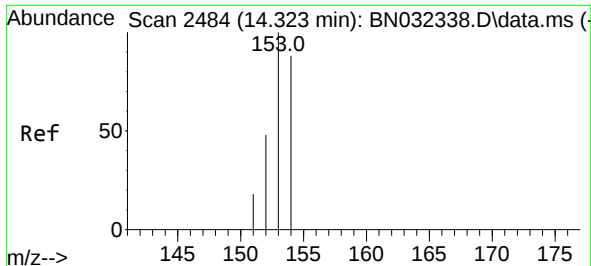
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.294 ng/ul
RT: 13.980 min Scan# 2410
Delta R.T. -0.010 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

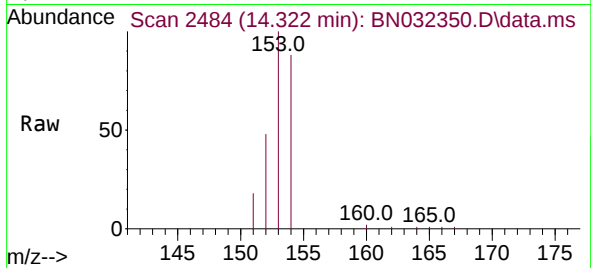
Tgt Ion:152 Resp: 17437
Ion Ratio Lower Upper
152 100
151 20.7 15.7 23.5
153 15.5 10.9 16.3





#11
Acenaphthene
Concen: 0.497 ng/ul
RT: 14.322 min Scan# 2484
Delta R.T. -0.010 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

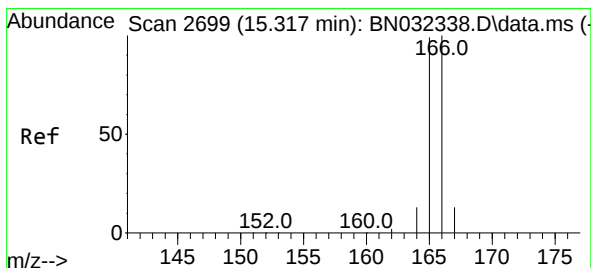
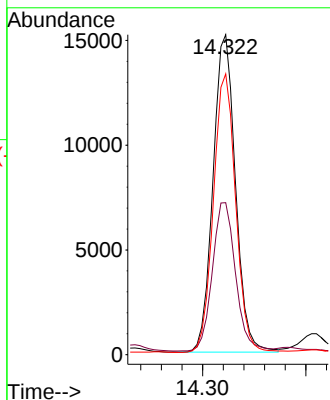
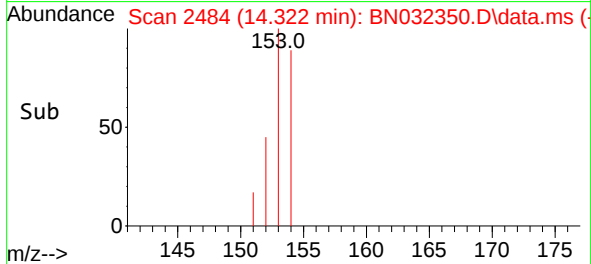
Instrument :
BNA_N
ClientSampleId :
A4CQ3



Tgt Ion:153 Resp: 22868
Ion Ratio Lower Upper
153 100
152 47.5 39.5 59.3
154 87.8 71.7 107.5

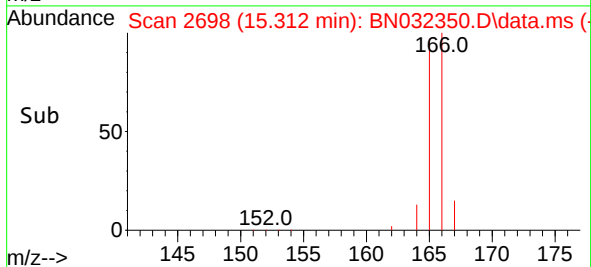
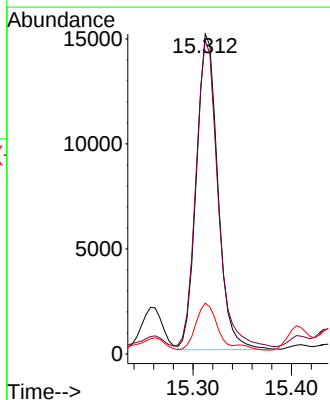
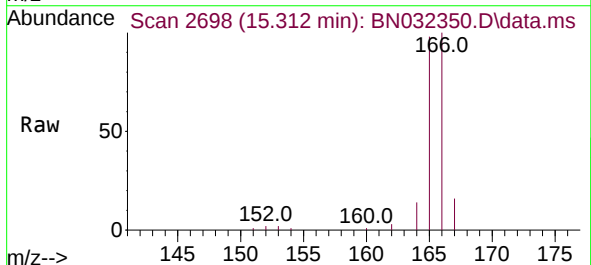
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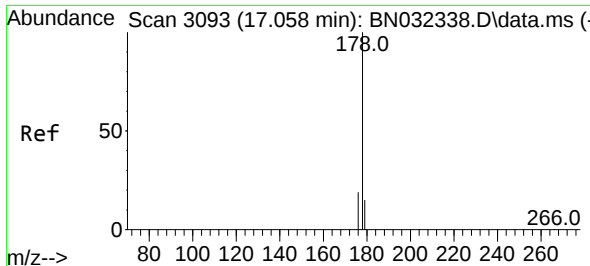
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.415 ng/ul
RT: 15.312 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

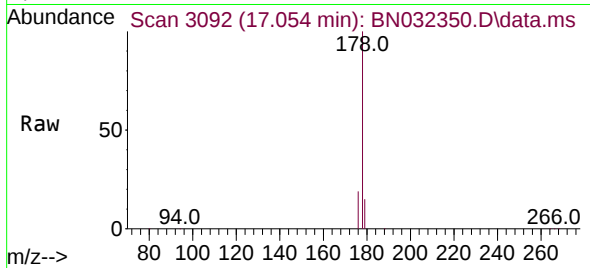
Tgt Ion:166 Resp: 22746
Ion Ratio Lower Upper
166 100
165 98.1 79.0 118.6
167 15.9 11.0 16.6





#15
Phenanthrene
Concen: 5.745 ng/ul m
RT: 17.054 min Scan# 3093
Delta R.T. -0.013 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

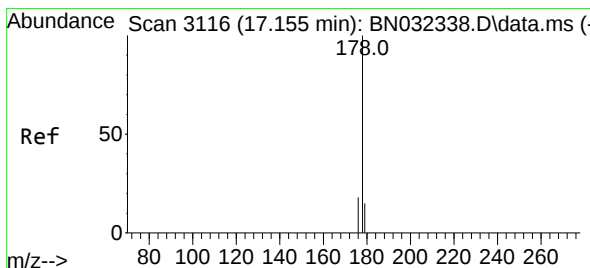
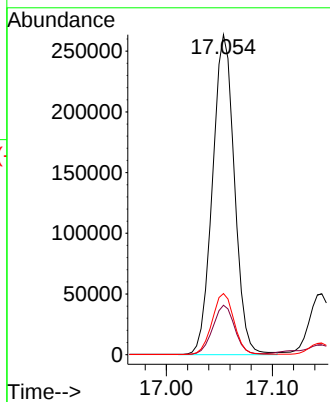
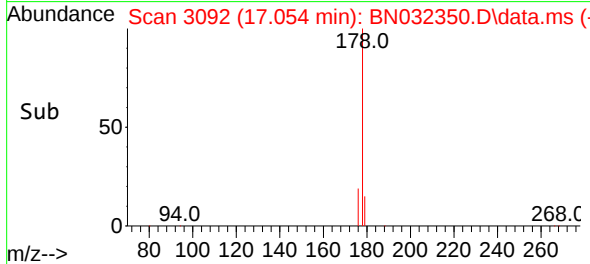
Instrument :
BNA_N
ClientSampleId :
A4CQ3



Tgt Ion:178 Resp: 37842
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.1 15.6 23.4

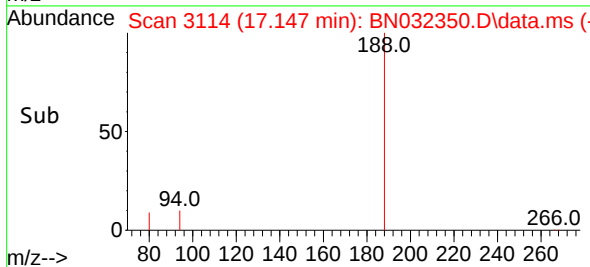
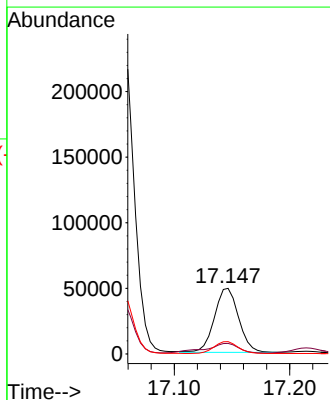
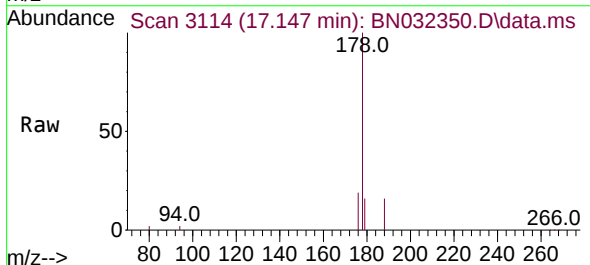
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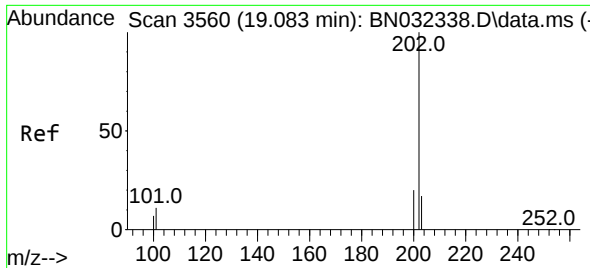
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 1.214 ng/ul m
RT: 17.147 min Scan# 3114
Delta R.T. -0.013 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

Tgt Ion:178 Resp: 71344
Ion Ratio Lower Upper
178 100
179 16.2 12.5 18.7
176 18.9 15.0 22.6





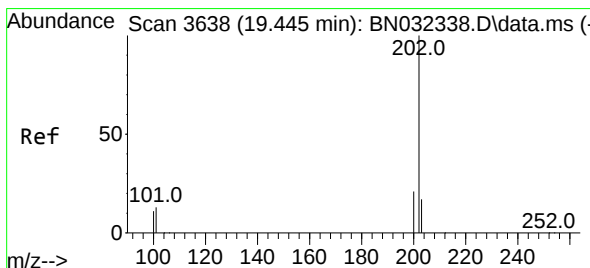
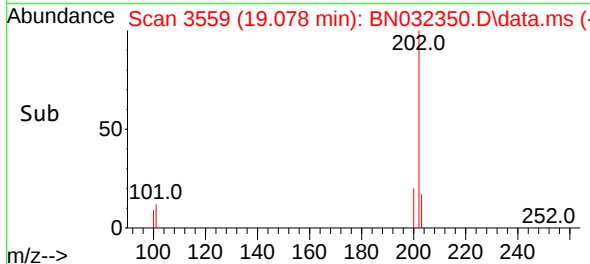
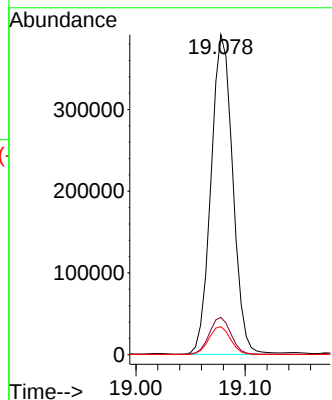
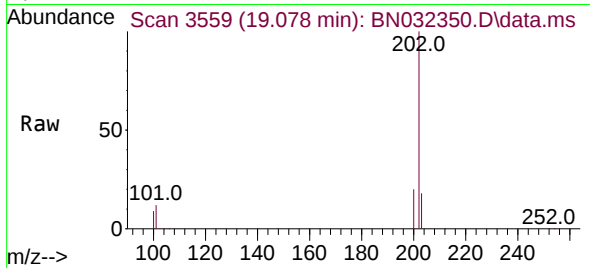
#19
Fluoranthene
Concen: 7.898 ng/ul m
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

Instrument :
BNA_N
ClientSampleId :
A4CQ3

Tgt Ion:202 Resp: 543768
Ion Ratio Lower Upper
202 100
101 11.6 8.8 13.2
100 8.8 6.4 9.6

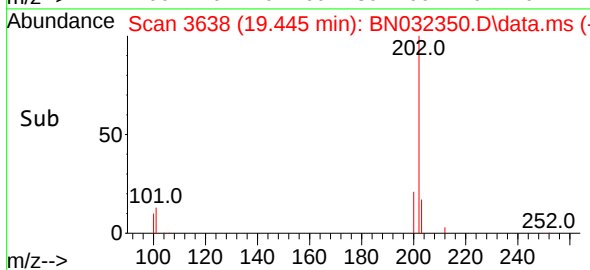
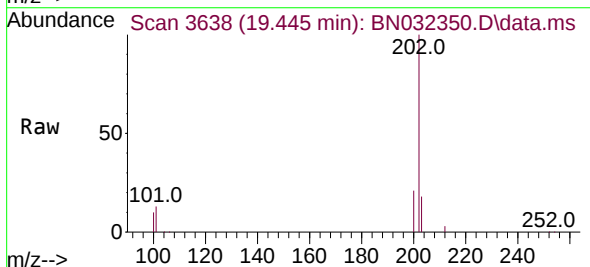
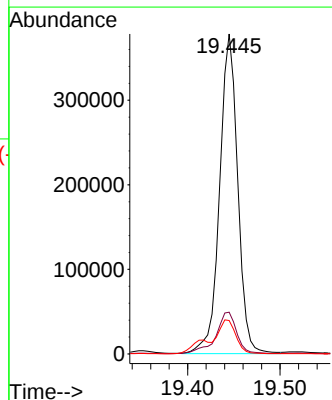
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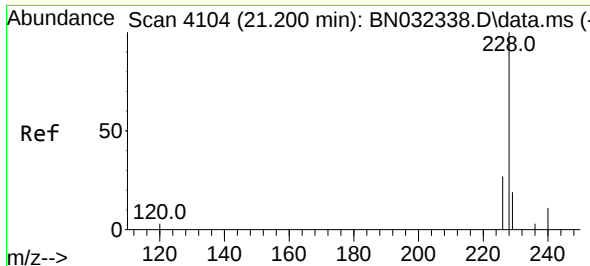
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 7.149 ng/ul m
RT: 19.445 min Scan# 3638
Delta R.T. -0.010 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

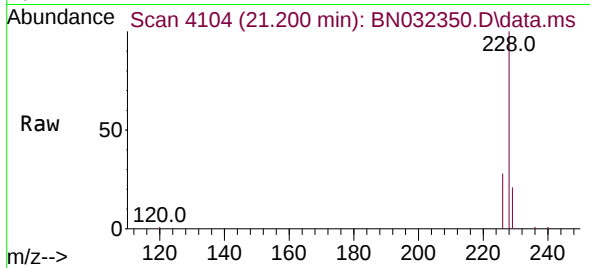
Tgt Ion:202 Resp: 514398
Ion Ratio Lower Upper
202 100
101 13.1 11.0 16.4
100 10.5 8.7 13.1





#21
Benzo(a)anthracene
Concen: 3.823 ng/ul m
RT: 21.200 min Scan# 4104
Delta R.T. -0.015 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

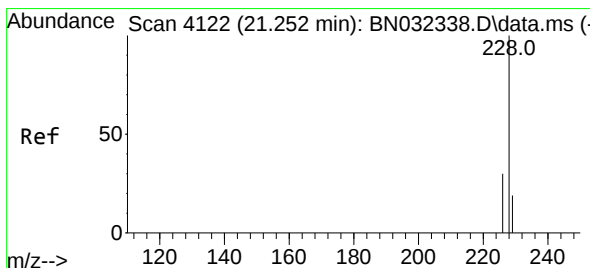
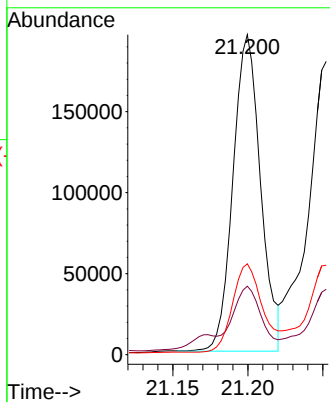
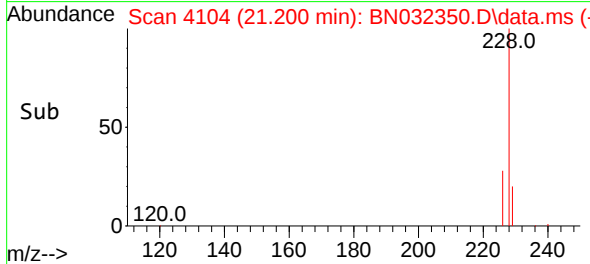
Instrument :
BNA_N
ClientSampleId :
A4CQ3



Tgt Ion:228 Resp: 249510
Ion Ratio Lower Upper
228 100
229 21.4 15.7 23.5
226 28.4 21.8 32.8

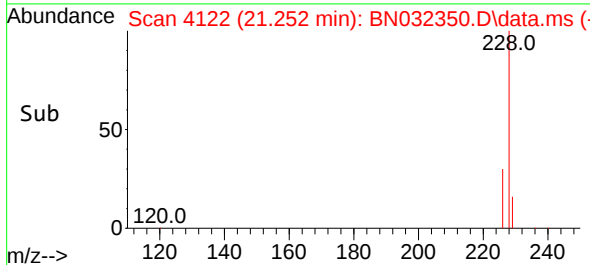
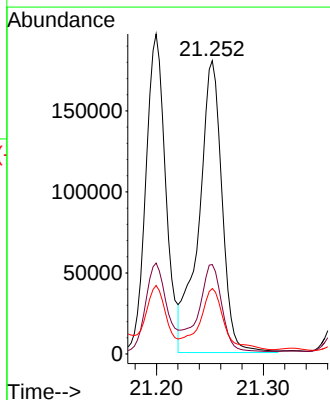
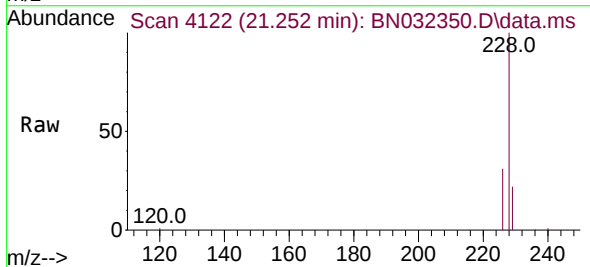
Manual Integrations
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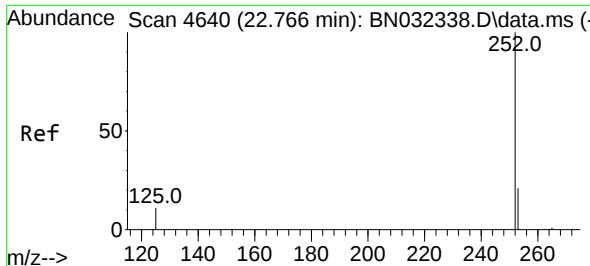
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 3.786 ng/ul m
RT: 21.252 min Scan# 4122
Delta R.T. -0.015 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

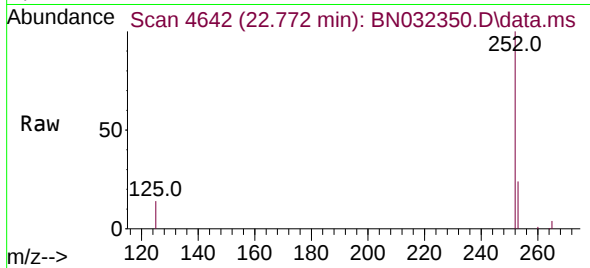
Tgt Ion:228 Resp: 271152
Ion Ratio Lower Upper
228 100
226 30.5 23.6 35.4
229 22.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.736 ng/ul m
RT: 22.772 min Scan# 4642
Delta R.T. -0.012 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

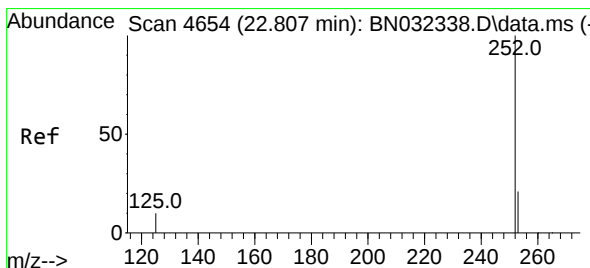
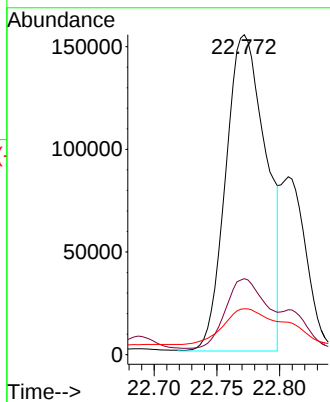
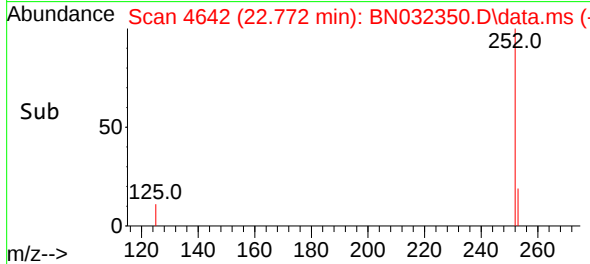
Instrument :
BNA_N
ClientSampleId :
A4CQ3



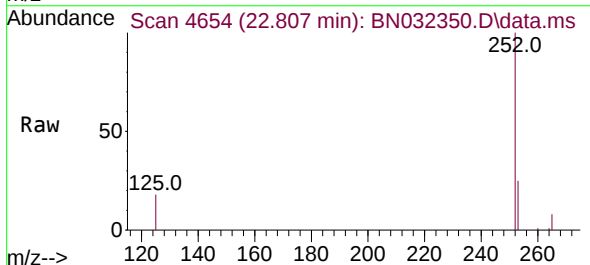
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Ion Ratio Lower Upper
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253 23.7 0.0 50.2
125 14.4 0.0 32.0

Manual Integrations
APPROVED

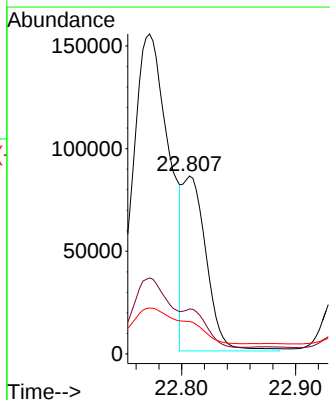
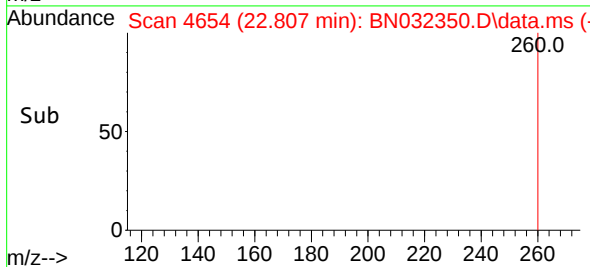
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024

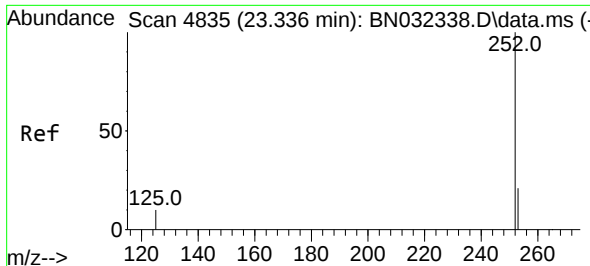


#25
Benzo(k)fluoranthene
Concen: 1.393 ng/ul m
RT: 22.807 min Scan# 4654
Delta R.T. -0.021 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05



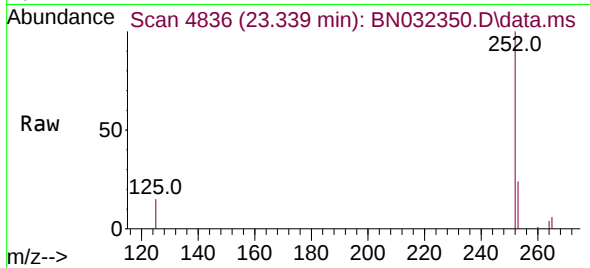
Tgt Ion:252 Resp: 124501
Ion Ratio Lower Upper
252 100
253 25.2 20.3 30.5
125 18.3 12.8 19.2





#26
Benzo(a)pyrene
Concen: 4.076 ng/ul m
RT: 23.339 min Scan# 4835
Delta R.T. -0.021 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

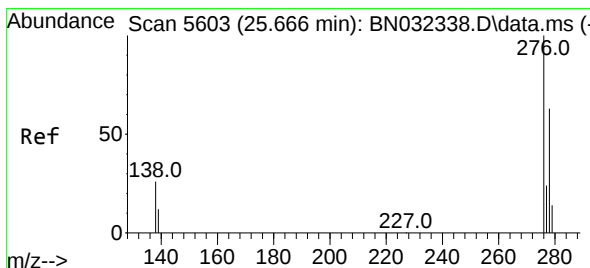
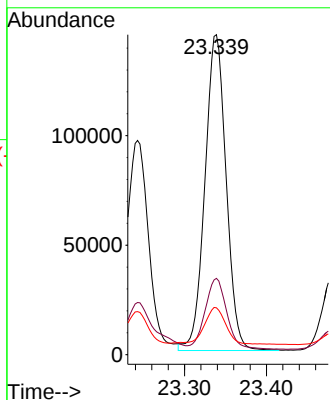
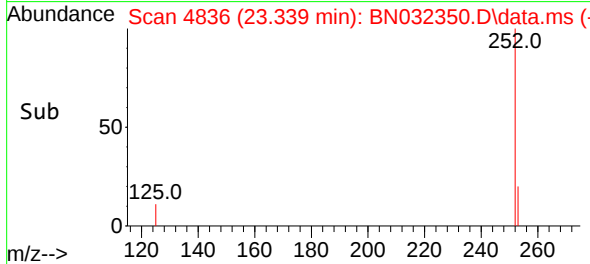
Instrument :
BNA_N
ClientSampleId :
A4CQ3



Tgt Ion:252 Resp: 260918
Ion Ratio Lower Upper
252 100
253 23.9 22.2 33.2
125 14.7 16.4 24.6

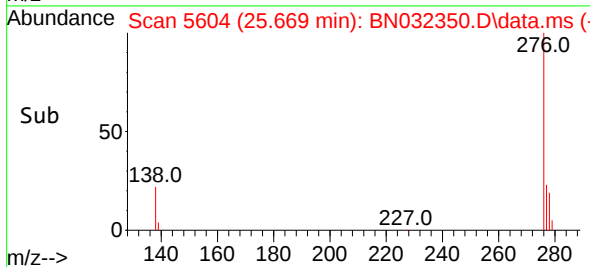
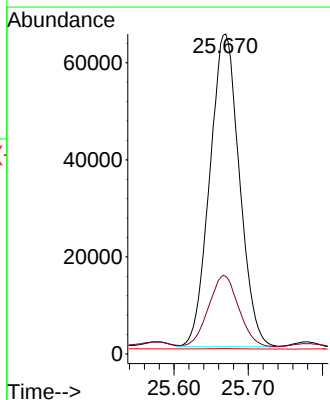
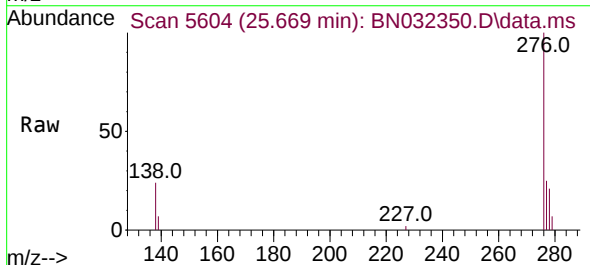
Manual Integrations
APPROVED

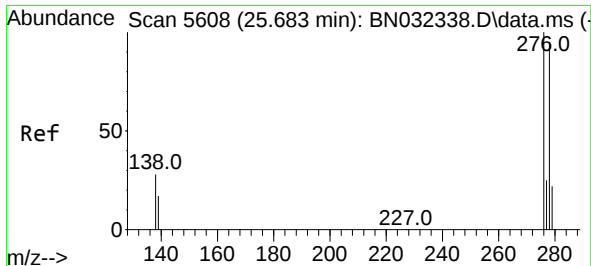
Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.784 ng/ul m
RT: 25.669 min Scan# 5604
Delta R.T. -0.030 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

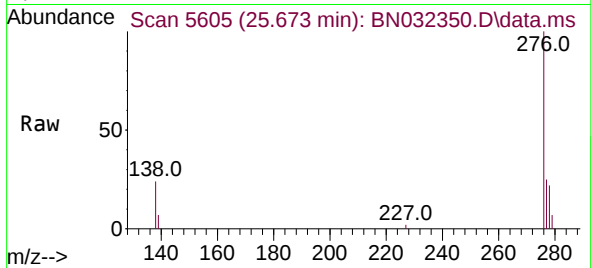
Tgt Ion:276 Resp: 178877
Ion Ratio Lower Upper
276 100
138 3.1 21.3 31.9#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.620 ng/ul m
RT: 25.673 min Scan# 5605
Delta R.T. -0.037 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

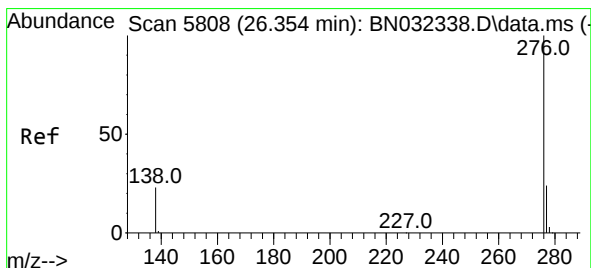
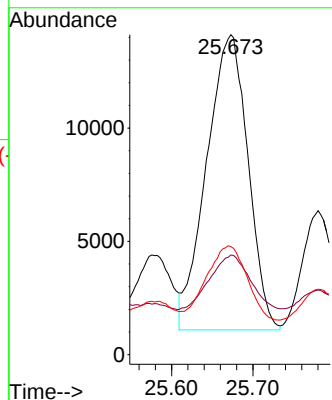
Instrument :
BNA_N
ClientSampleId :
A4CQ3



Tgt Ion:278 Resp: 46170
Ion Ratio Lower Upper
278 100
139 31.2 15.9 23.9
279 33.7 21.1 31.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2024
Supervised By :mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 2.238 ng/ul m
RT: 26.350 min Scan# 5807
Delta R.T. -0.030 min
Lab File: BN032350.D
Acq: 29 Jun 2024 14:05

Tgt Ion:276 Resp: 178698
Ion Ratio Lower Upper
276 100
138 25.1 19.8 29.6
277 25.1 19.8 29.6

