

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034770.D
 Acq On : 31 Oct 2024 17:40
 Operator : RC/JU
 Sample : P4435-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHK68

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

Quant Time: Oct 31 18:16:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 11:13:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	6820	0.400	ng/ul	0.00
4) Naphthalene-d8	10.372	136	21494	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.236	164	12187	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.983	188	24893m	0.400	ng/ul	0.00
17) Chrysene-d12	21.174	240	17654	0.400	ng/ul	0.00
23) Perylene-d12	23.355	264	14833m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	33099	4.688	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.967	152	9367	0.348	ng/ul	0.00
18) Fluoranthene-d10	19.014	212	20692	0.360	ng/ul	0.00
Target Compounds					Qvalue	
8) 1-Methylnaphthalene	12.264	142	825	0.022	ng/ul	99
10) Acenaphthylene	13.953	152	7167	0.129	ng/ul	98
11) Acenaphthene	14.300	153	1833	0.043	ng/ul	96
12) Fluorene	15.290	166	2722	0.058	ng/ul#	98
15) Phenanthrene	17.021	178	44941	0.597	ng/ul	99
16) Anthracene	17.114	178	6877	0.099	ng/ul	97
19) Fluoranthene	19.042	202	71181	0.831	ng/ul	98
20) Pyrene	19.409	202	71096	0.797	ng/ul	100
21) Benzo(a)anthracene	21.157	228	24317	0.344	ng/ul	95
22) Chrysene	21.209	228	29078	0.411	ng/ul	98
24) Benzo(b)fluoranthene	22.709	252	28244m	0.468	ng/ul	
25) Benzo(k)fluoranthene	22.749	252	10752m	0.177	ng/ul	
26) Benzo(a)pyrene	23.261	252	20689m	0.398	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.527	276	10773m	0.195	ng/ul	
28) Dibenzo(a,h)anthracene	25.540	278	2551m	0.061	ng/ul	
29) Benzo(g,h,i)perylene	26.188	276	10495m	0.241	ng/ul	

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

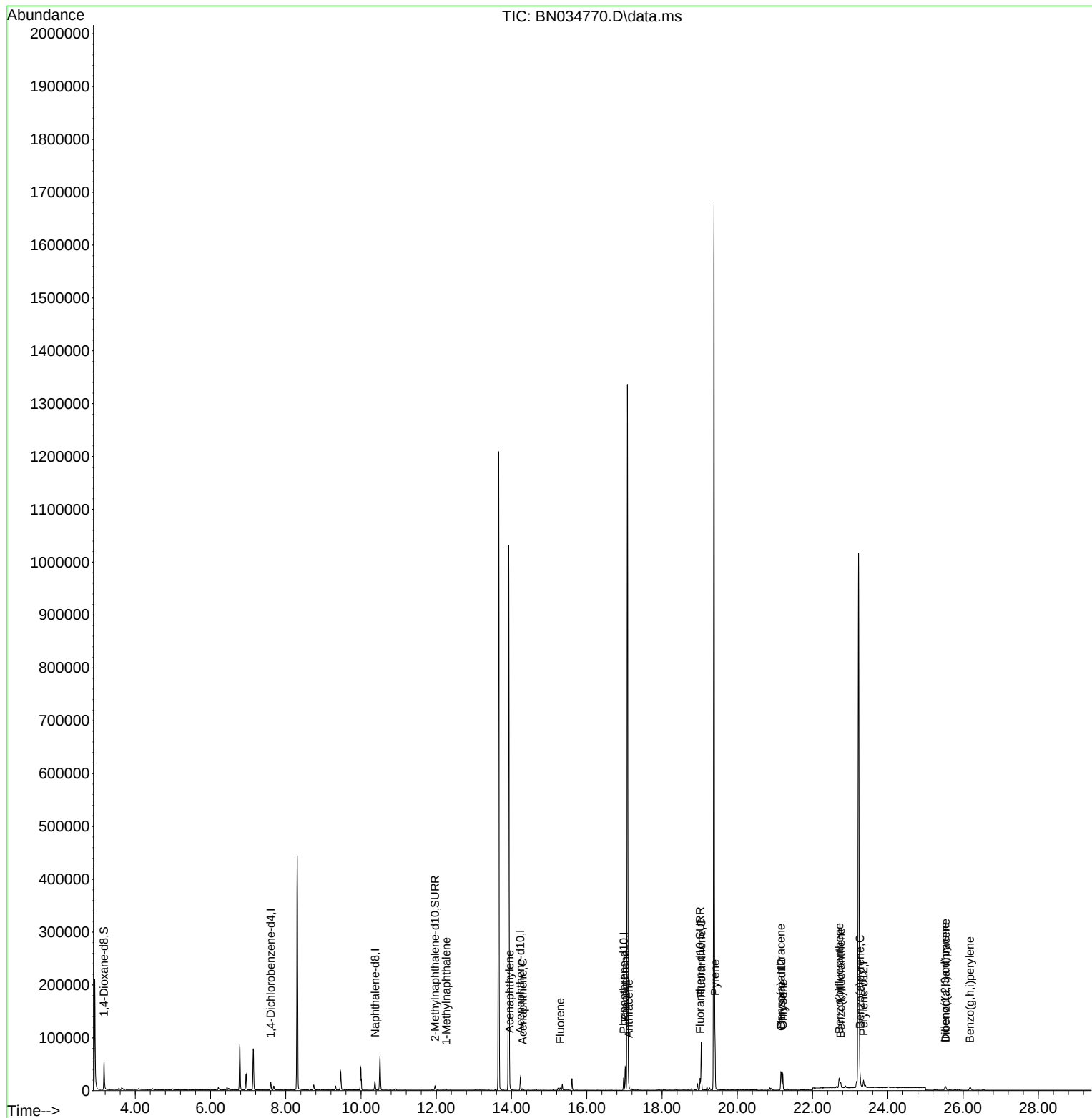
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034770.D
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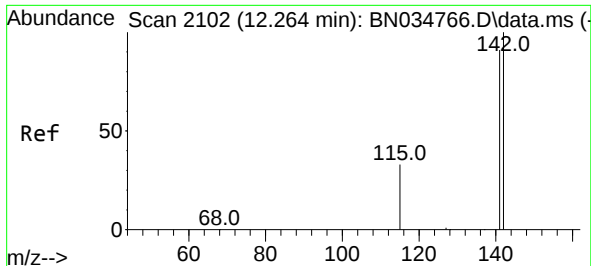
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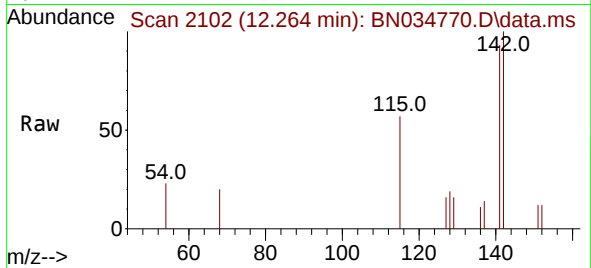
Quant Time: Oct 31 18:16:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
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#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.264 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BN034770.D
Acq: 31 Oct 2024 17:40

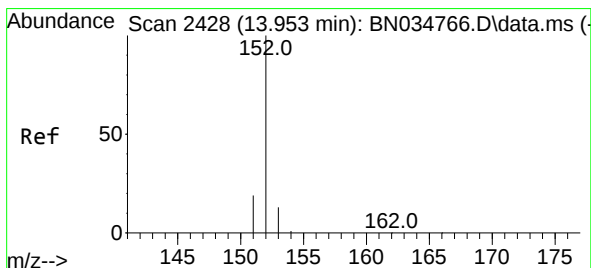
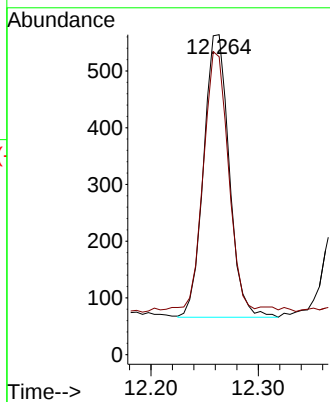
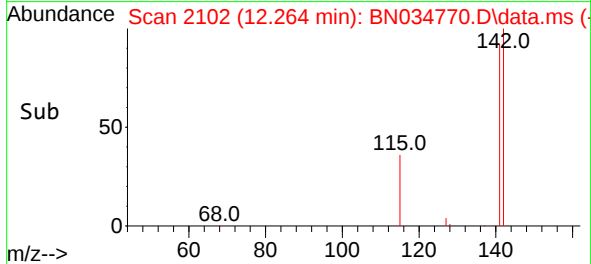
Instrument :
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Tgt Ion:142 Resp: 825
Ion Ratio Lower Upper
142 100
141 93.3 73.6 110.4

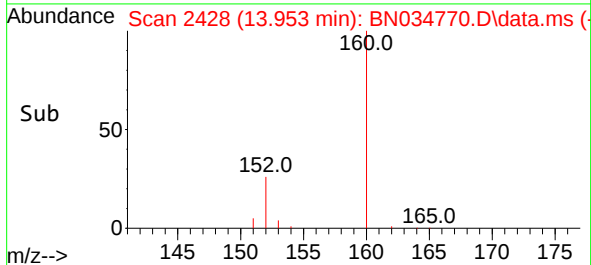
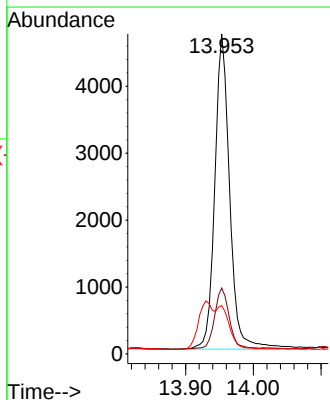
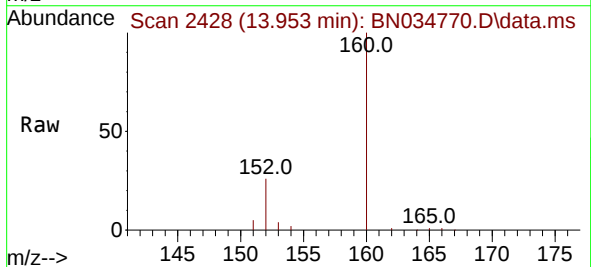
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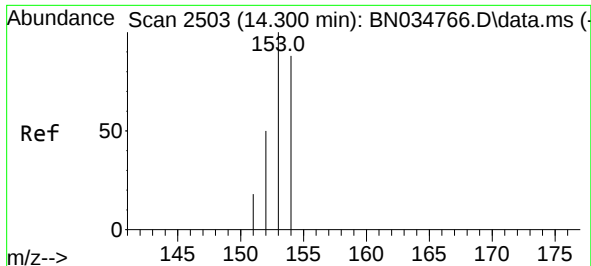
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#10
Acenaphthylene
Concen: 0.129 ng/ul
RT: 13.953 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BN034770.D
Acq: 31 Oct 2024 17:40

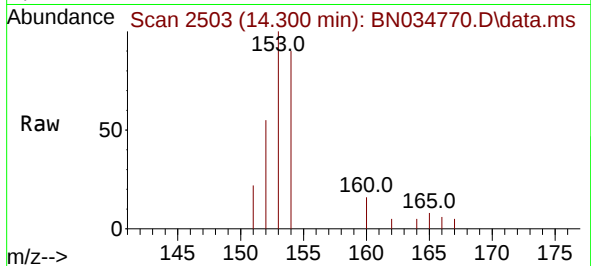
Tgt Ion:152 Resp: 7167
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 15.1 10.7 16.1





#11
Acenaphthene
Concen: 0.043 ng/u1
RT: 14.300 min Scan# 2503
Delta R.T. -0.000 min
Lab File: BN034770.D
Acq: 31 Oct 2024 17:40

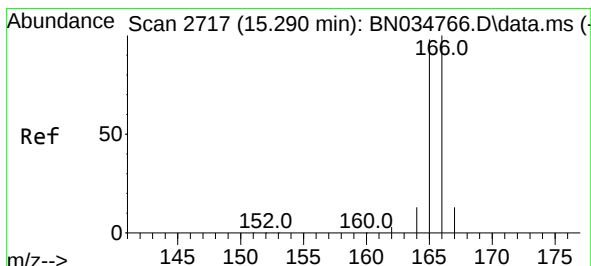
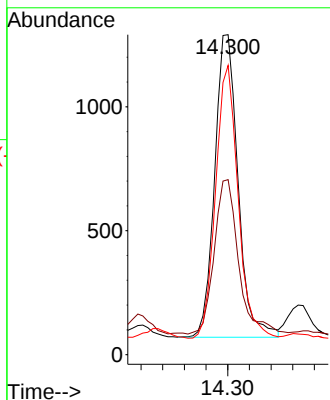
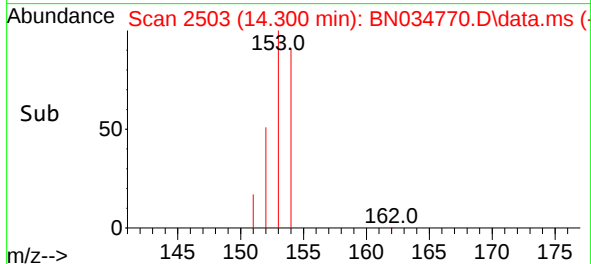
Instrument :
BNA_N
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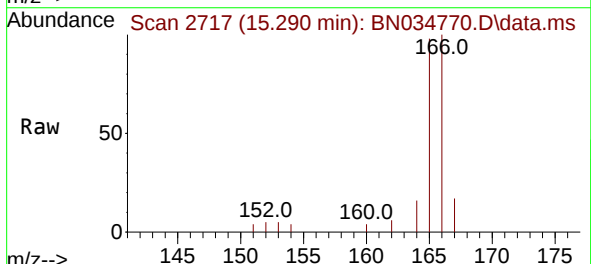
Tgt Ion:153 Resp: 183
Ion Ratio Lower Upper
153 100
152 54.7 40.3 60.5
154 90.4 69.9 104.9

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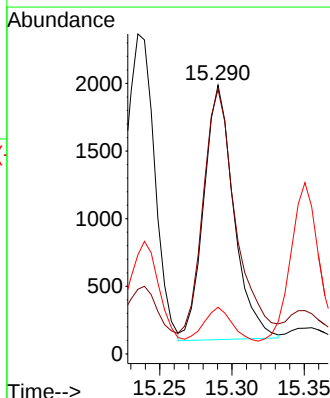
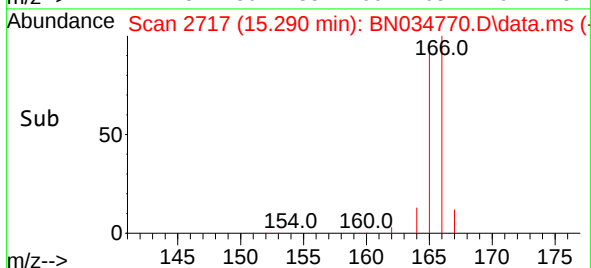
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

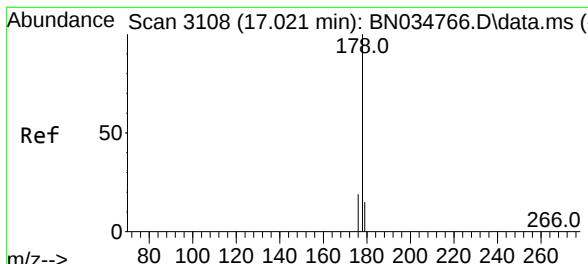


#12
Fluorene
Concen: 0.058 ng/u1
RT: 15.290 min Scan# 2717
Delta R.T. -0.000 min
Lab File: BN034770.D
Acq: 31 Oct 2024 17:40



Tgt Ion:166 Resp: 2722
Ion Ratio Lower Upper
166 100
165 98.4 79.1 118.7
167 17.4 11.0 16.4#



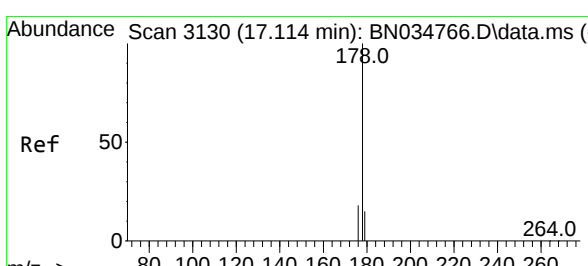
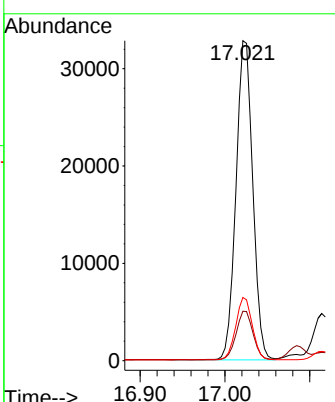
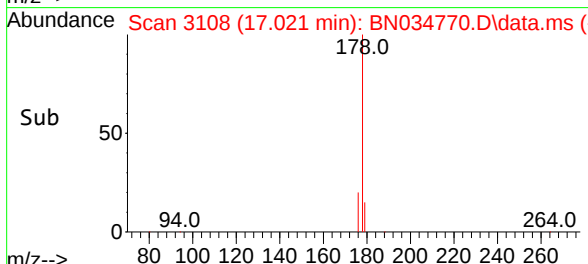
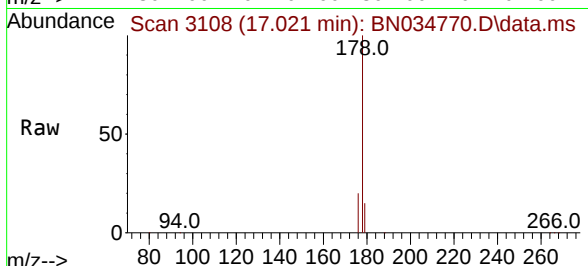


#15
 Phenanthrene
 Concen: 0.597 ng/ul
 RT: 17.021 min Scan# 3108
 Delta R.T. -0.004 min
 Lab File: BN034770.D
 Acq: 31 Oct 2024 17:40

Instrument : BNA_N
 ClientSampleId : BHK68

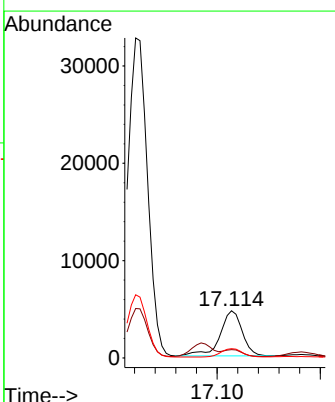
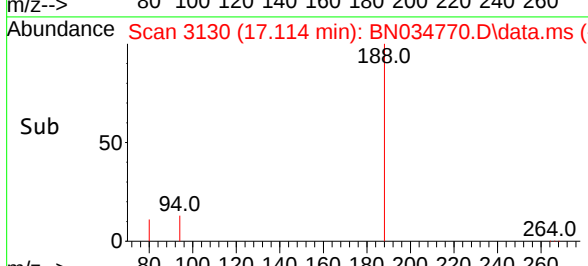
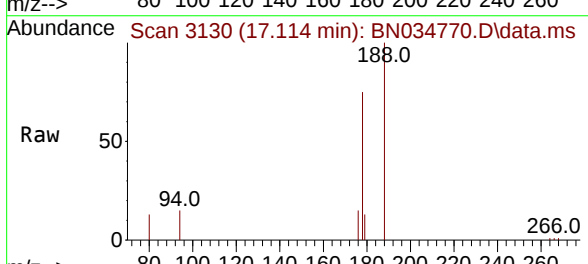
Tgt Ion:	178	Resp:	4494
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.4	18.6
176	19.7	15.4	23.0

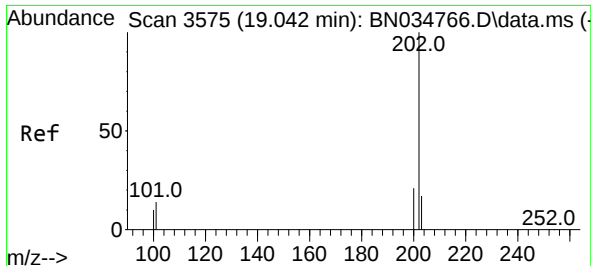
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#16
 Anthracene
 Concen: 0.099 ng/ul
 RT: 17.114 min Scan# 3130
 Delta R.T. -0.000 min
 Lab File: BN034770.D
 Acq: 31 Oct 2024 17:40

Tgt Ion:	178	Resp:	6877
Ion Ratio	Lower	Upper	
178	100		
179	17.6	12.3	18.5
176	19.8	15.1	22.7





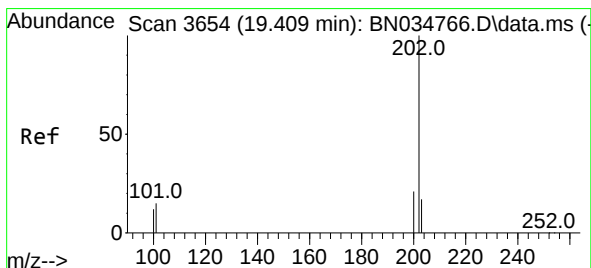
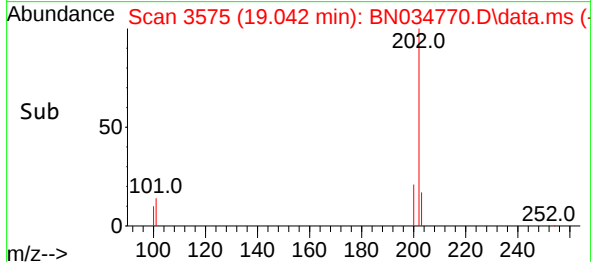
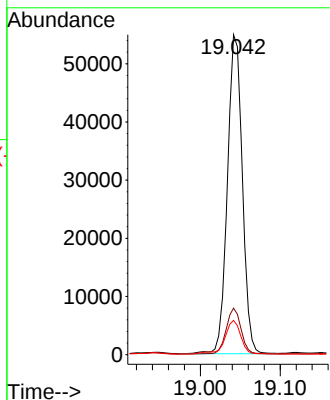
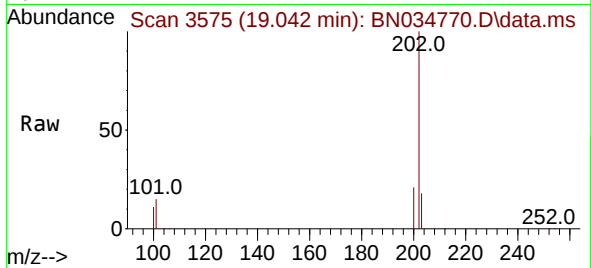
#19
Fluoranthene
Concen: 0.831 ng/ul
RT: 19.042 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BN034770.D
Acq: 31 Oct 2024 17:40

Instrument :
BNA_N
ClientSampleId :
BHK68

Tgt Ion:202 Resp: 7118
Ion Ratio Lower Upper
202 100
101 14.5 10.8 16.2
100 10.7 8.2 12.2

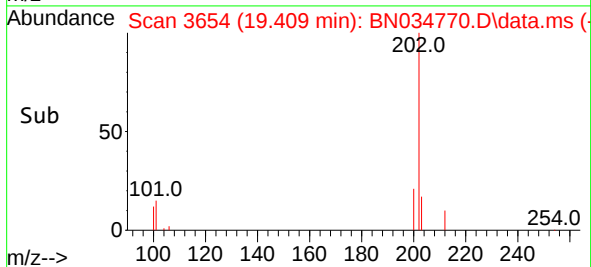
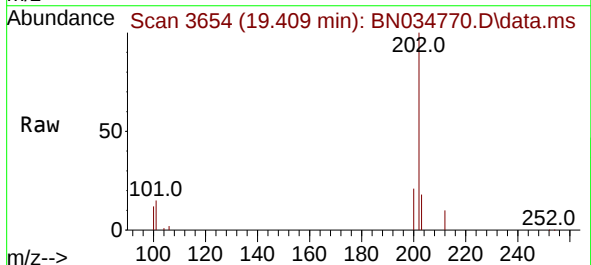
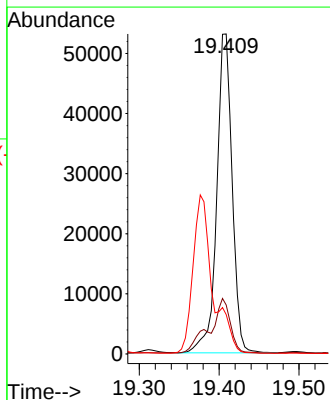
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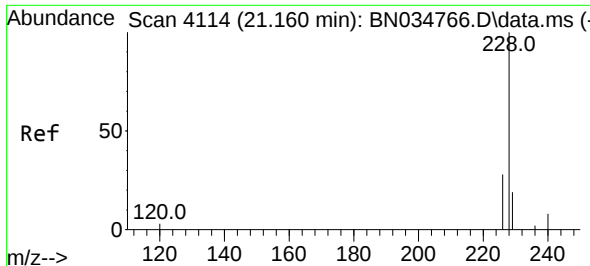
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#20
Pyrene
Concen: 0.797 ng/ul
RT: 19.409 min Scan# 3654
Delta R.T. -0.000 min
Lab File: BN034770.D
Acq: 31 Oct 2024 17:40

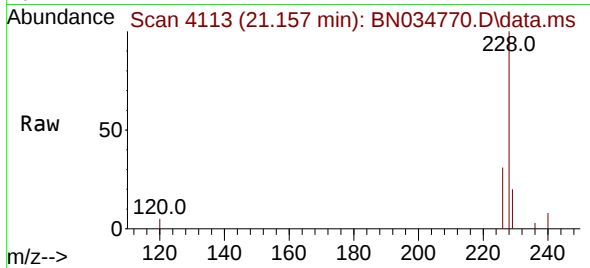
Tgt Ion:202 Resp: 71096
Ion Ratio Lower Upper
202 100
101 15.3 12.4 18.6
100 12.3 10.0 15.0





#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.157 min Scan# 4113
Delta R.T. -0.003 min
Lab File: BN034770.D
Acq: 31 Oct 2024 17:40

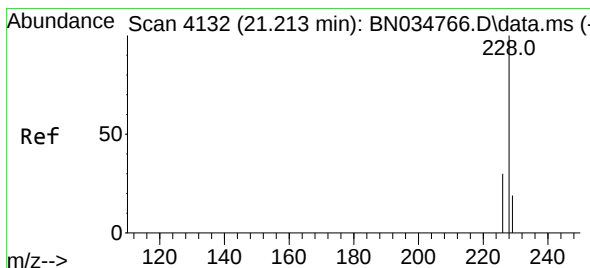
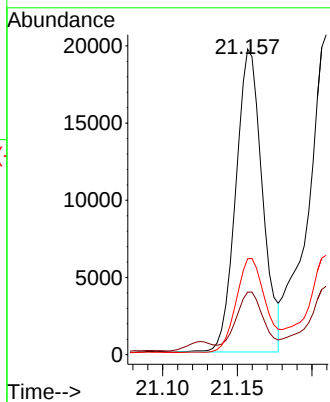
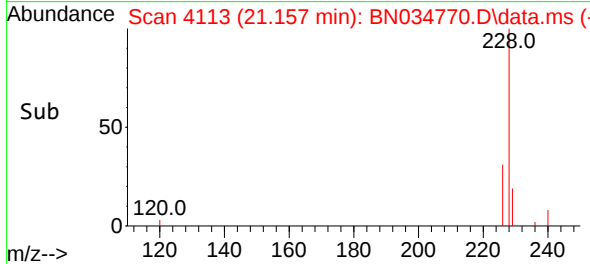
Instrument :
BNA_N
ClientSampleId :
BHK68



Tgt Ion:228 Resp: 2431
Ion Ratio Lower Upper
228 100
229 20.5 15.5 23.3
226 31.4 22.1 33.1

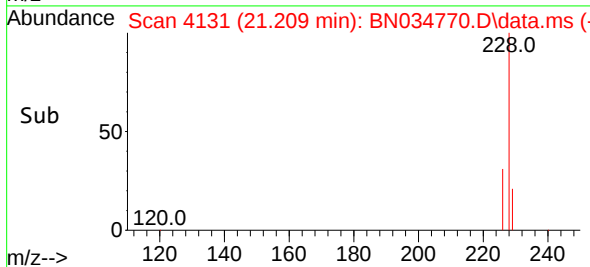
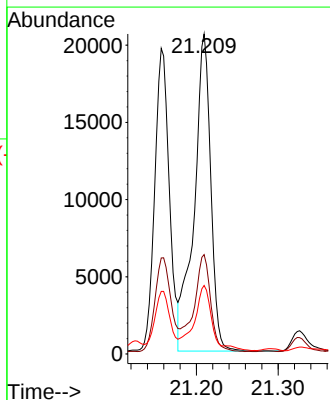
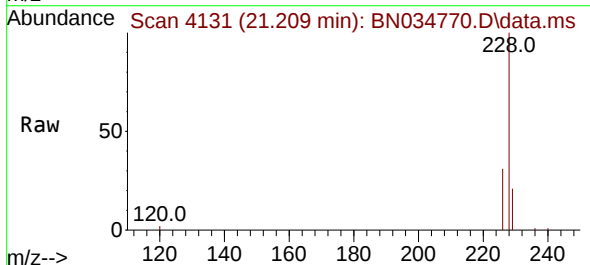
Manual Integrations
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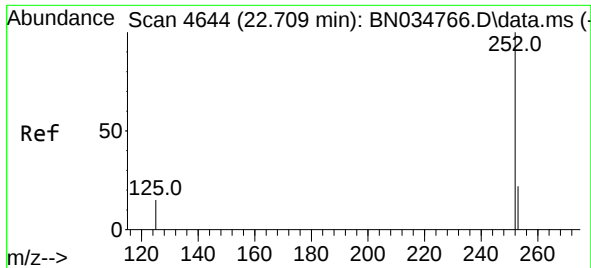
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#22
Chrysene
Concen: 0.411 ng/ul
RT: 21.209 min Scan# 4131
Delta R.T. -0.003 min
Lab File: BN034770.D
Acq: 31 Oct 2024 17:40

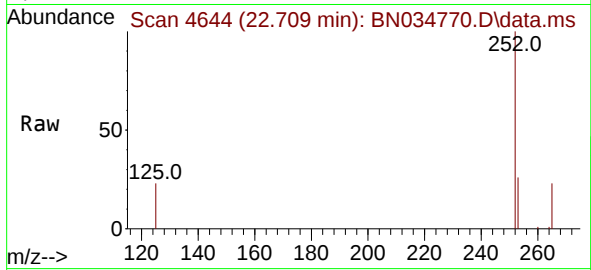
Tgt Ion:228 Resp: 29078
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 21.4 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.468 ng/ul m
RT: 22.709 min Scan# 4644
Delta R.T. -0.000 min
Lab File: BN034770.D
Acq: 31 Oct 2024 17:40

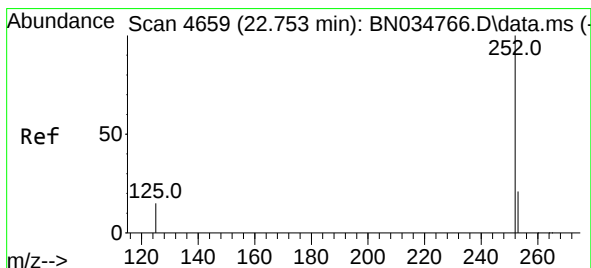
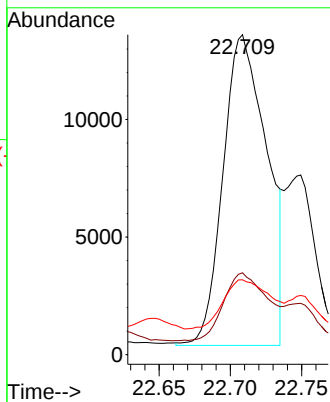
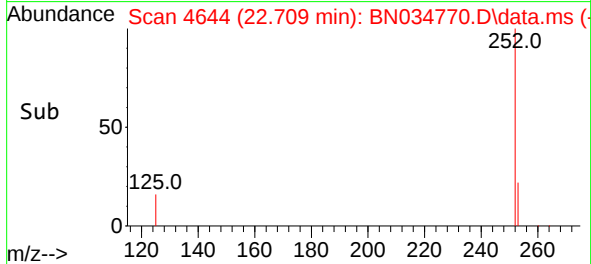
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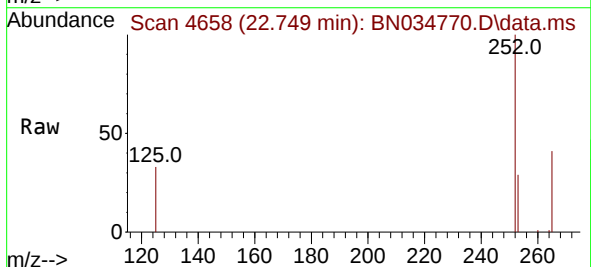
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Ion Ratio Lower Upper
252 100
253 25.6 0.0 47.6
125 23.4 0.0 41.4

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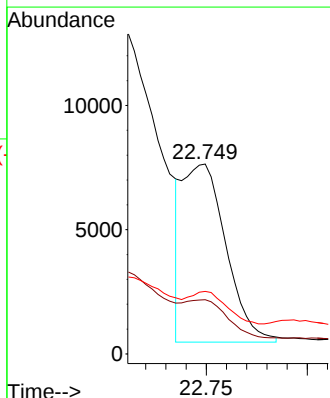
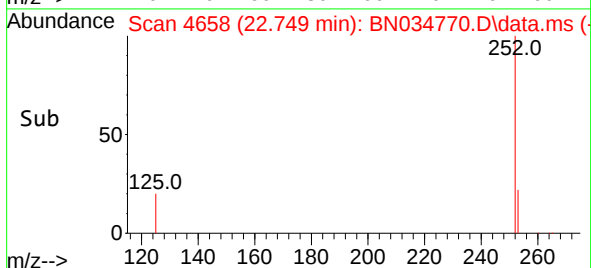
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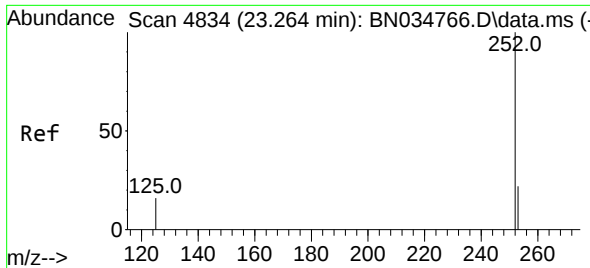


#25
Benzo(k)fluoranthene
Concen: 0.177 ng/ul m
RT: 22.749 min Scan# 4658
Delta R.T. -0.000 min
Lab File: BN034770.D
Acq: 31 Oct 2024 17:40



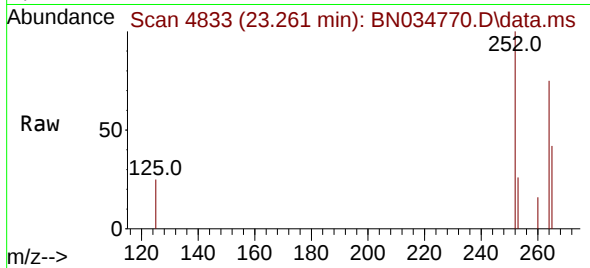
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Ion Ratio Lower Upper
252 100
253 28.6 19.1 28.7
125 33.0 17.0 25.4#





#26
Benzo(a)pyrene
Concen: 0.398 ng/ul m
RT: 23.261 min Scan# 4833
Delta R.T. -0.003 min
Lab File: BN034770.D
Acq: 31 Oct 2024 17:40

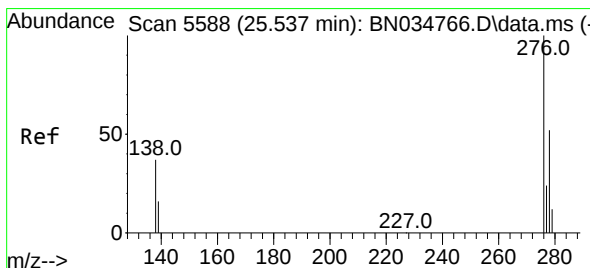
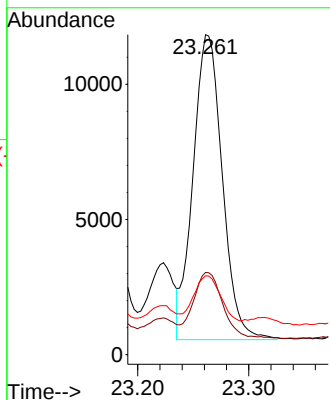
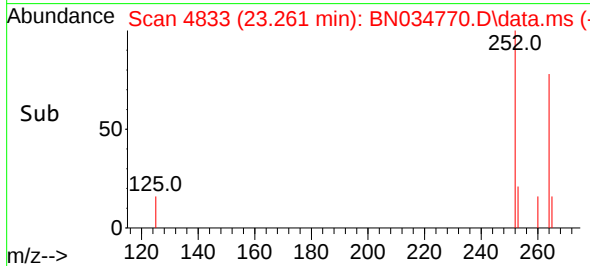
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Tgt Ion:252 Resp: 20689
Ion Ratio Lower Upper
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125 24.7 19.8 29.6

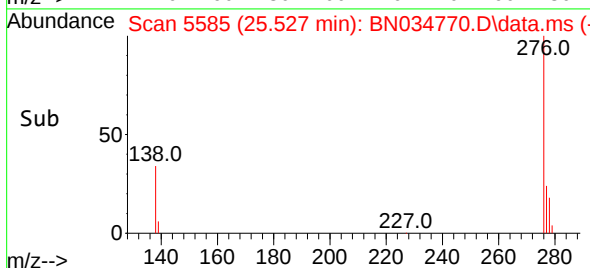
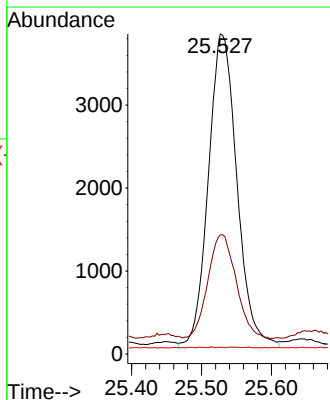
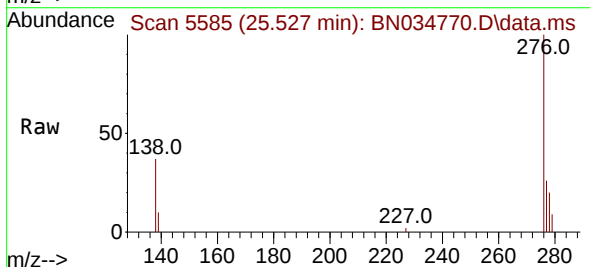
Manual Integrations
APPROVED

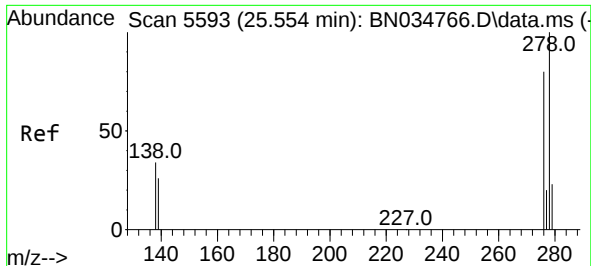
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.195 ng/ul m
RT: 25.527 min Scan# 5585
Delta R.T. -0.010 min
Lab File: BN034770.D
Acq: 31 Oct 2024 17:40

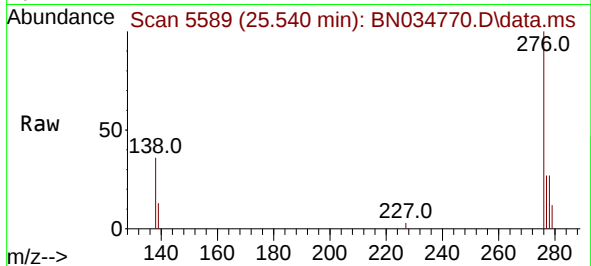
Tgt Ion:276 Resp: 10773
Ion Ratio Lower Upper
276 100
138 3.2 31.8 47.6#
227 0.0 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul m
RT: 25.540 min Scan# 5593
Delta R.T. -0.014 min
Lab File: BN034770.D
Acq: 31 Oct 2024 17:40

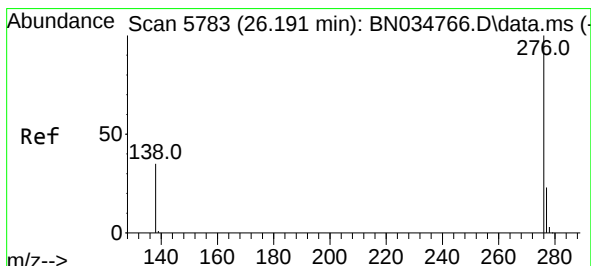
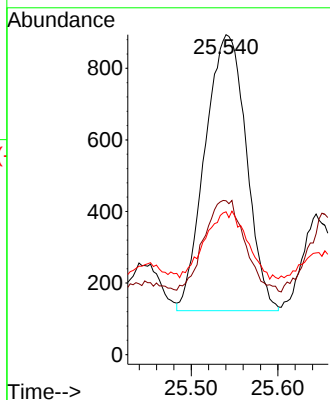
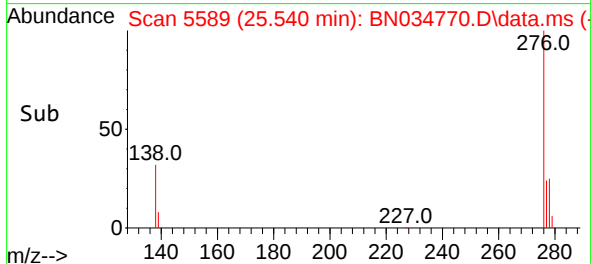
Instrument :
BNA_N
ClientSampleId :
BHK68



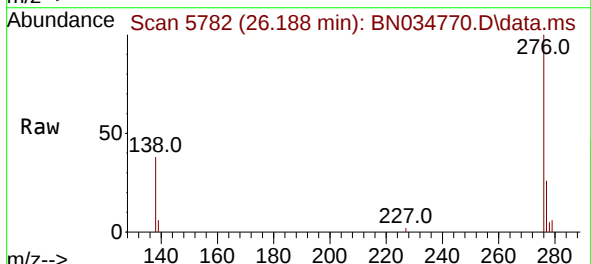
Tgt Ion:278 Resp: 255
Ion Ratio Lower Upper
278 100
139 48.1 23.4 35.2
279 44.6 20.6 31.0

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 11/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.241 ng/ul m
RT: 26.188 min Scan# 5782
Delta R.T. -0.007 min
Lab File: BN034770.D
Acq: 31 Oct 2024 17:40



Tgt Ion:276 Resp: 10495
Ion Ratio Lower Upper
276 100
138 38.2 28.8 43.2
277 26.5 20.2 30.2

