

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034779.D
 Acq On : 31 Oct 2024 23:06
 Operator : RC/JU
 Sample : P4529-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7H17

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 23:23:37 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	7.600	152	7617	0.400	ng/ul	0.00
4) Naphthalene-d8	10.366	136	24200	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.236	164	13599	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.979	188	27696m	0.400	ng/ul	0.00
17) Chrysene-d12	21.172	240	19192	0.400	ng/ul	0.00
23) Perylene-d12	23.358	264	16314m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	35984	4.564	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	8839	0.291	ng/ul	0.00
18) Fluoranthene-d10	19.009	212	17305	0.277	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.416	128	1396	0.022	ng/ul#	82
10) Acenaphthylene	13.953	152	1617	0.026	ng/ul#	87
12) Fluorene	15.286	166	1213	0.023	ng/ul#	95
15) Phenanthrene	17.021	178	7682	0.092	ng/ul	96
16) Anthracene	17.114	178	6648	0.086	ng/ul	97
19) Fluoranthene	19.042	202	28077	0.302	ng/ul	98
20) Pyrene	19.404	202	55670m	0.574	ng/ul	
21) Benzo(a)anthracene	21.157	228	12046	0.157	ng/ul	94
22) Chrysene	21.207	228	18748m	0.244	ng/ul	
24) Benzo(b)fluoranthene	22.709	252	30951m	0.466	ng/ul	
25) Benzo(k)fluoranthene	22.747	252	11790m	0.176	ng/ul	
26) Benzo(a)pyrene	23.261	252	13973m	0.244	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.527	276	5371m	0.088	ng/ul	
28) Dibenzo(a,h)anthracene	25.544	278	1489m	0.032	ng/ul	
29) Benzo(g,h,i)perylene	26.188	276	4100m	0.086	ng/ul	

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

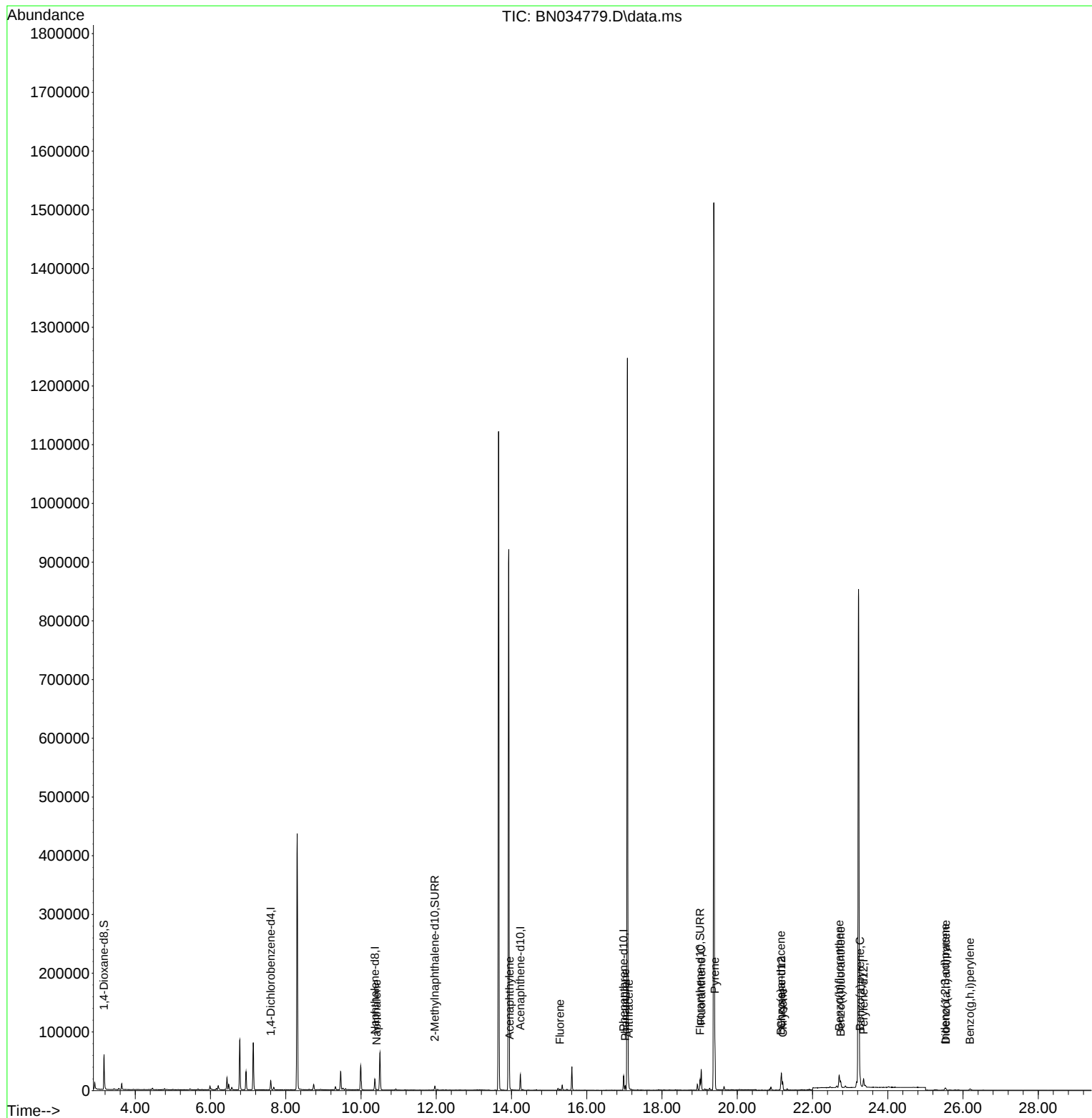
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034779.D
Acq On : 31 Oct 2024 23:06
Operator : RC/JU
Sample : P4529-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

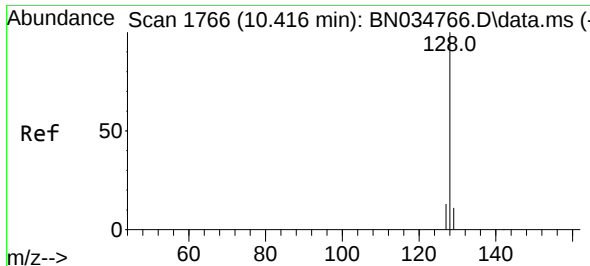
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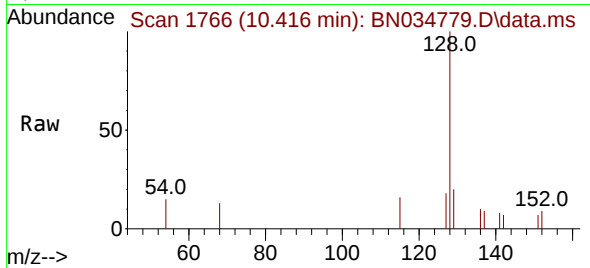
Quant Time: Nov 03 23:23:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.416 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BN034779.D
Acq: 31 Oct 2024 23:06

Instrument :
BNA_N
ClientSampleId :
F7H17

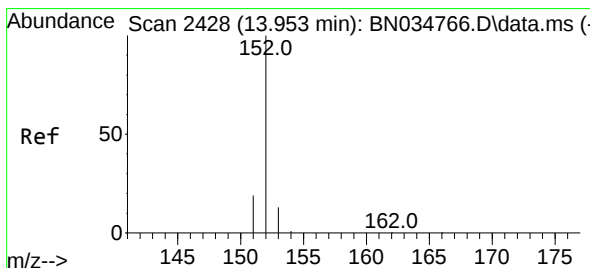
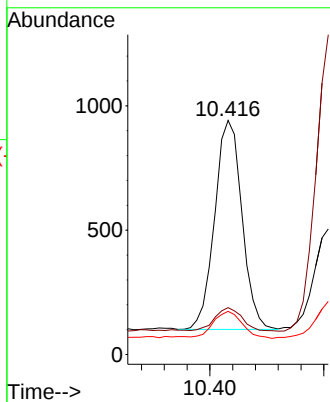
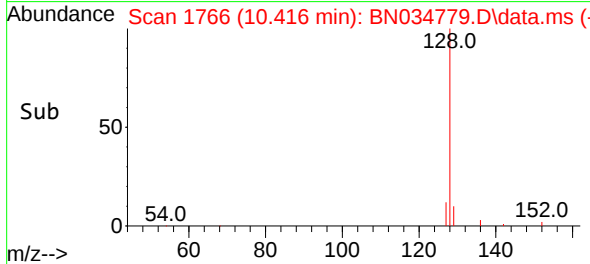


Tgt Ion:128 Resp: 1390

Ion	Ratio	Lower	Upper
128	100		
129	20.1	9.1	13.7
127	18.5	10.5	15.7

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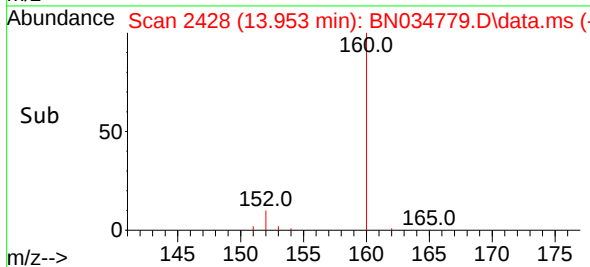
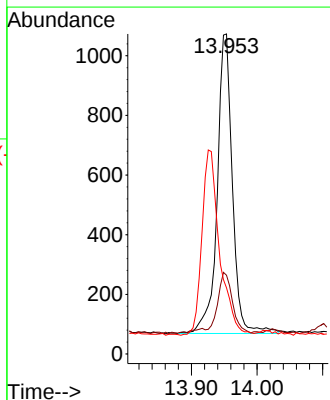
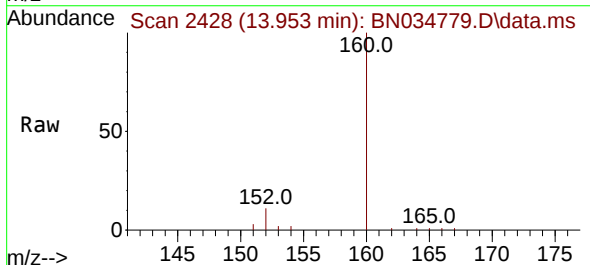
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

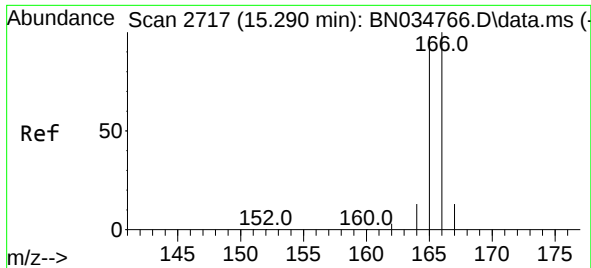


#10
Acenaphthylene
Concen: 0.026 ng/ul
RT: 13.953 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BN034779.D
Acq: 31 Oct 2024 23:06

Tgt Ion:152 Resp: 1617

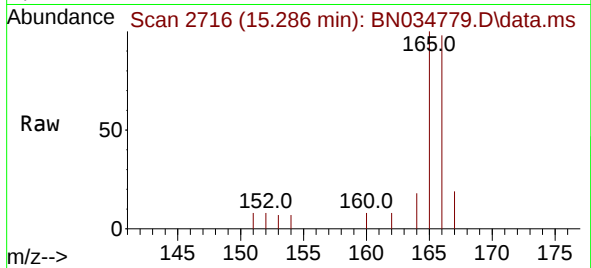
Ion	Ratio	Lower	Upper
152	100		
151	24.6	16.0	24.0#
153	20.7	10.7	16.1#





#12
Fluorene
Concen: 0.023 ng/u1
RT: 15.286 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN034779.D
Acq: 31 Oct 2024 23:06

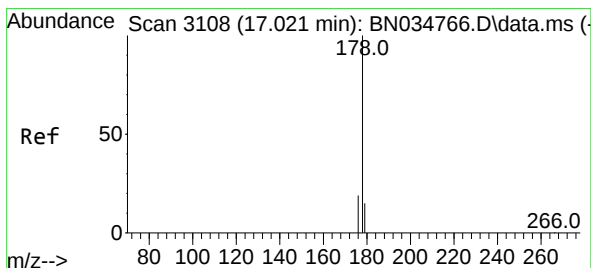
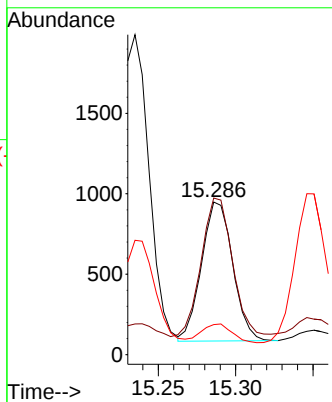
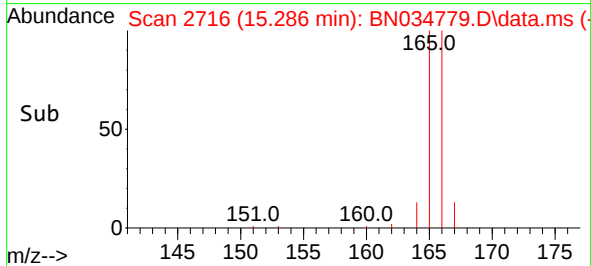
Instrument :
BNA_N
ClientSampleId :
F7H17



Tgt Ion:166 Resp: 121
Ion Ratio Lower Upper
166 100
165 102.5 79.1 118.7
167 19.7 11.0 16.4

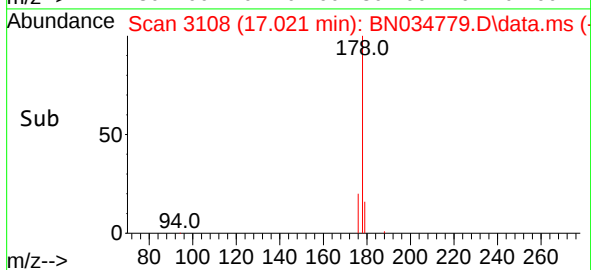
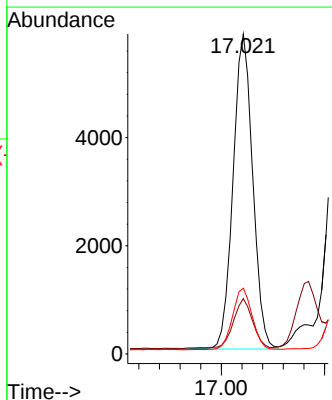
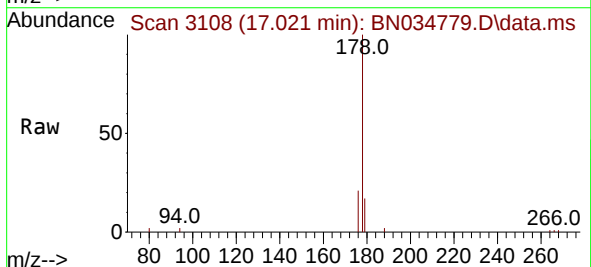
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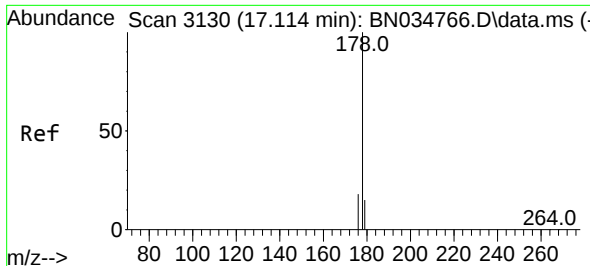
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#15
Phenanthrene
Concen: 0.092 ng/u1
RT: 17.021 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BN034779.D
Acq: 31 Oct 2024 23:06

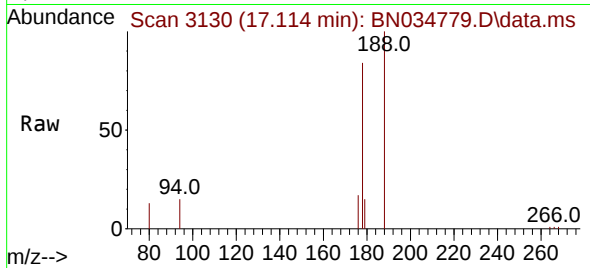
Tgt Ion:178 Resp: 7682
Ion Ratio Lower Upper
178 100
179 17.3 12.4 18.6
176 20.5 15.4 23.0





#16
 Anthracene
 Concen: 0.086 ng/ul
 RT: 17.114 min Scan# 3130
 Delta R.T. -0.000 min
 Lab File: BN034779.D
 Acq: 31 Oct 2024 23:06

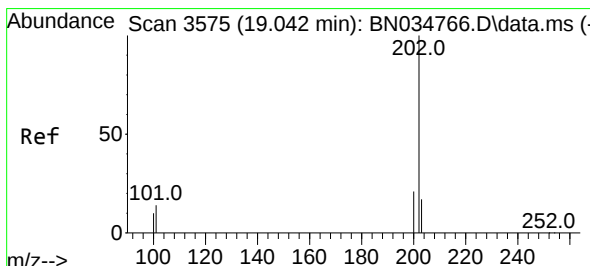
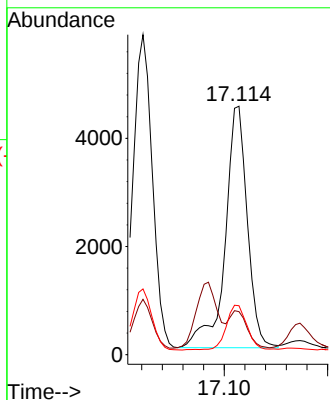
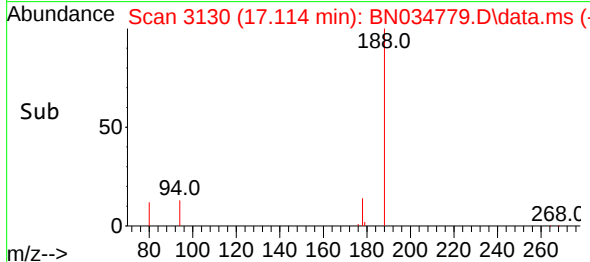
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:178 Resp: 6648
 Ion Ratio Lower Upper
 178 100
 179 17.4 12.3 18.5
 176 19.7 15.1 22.7

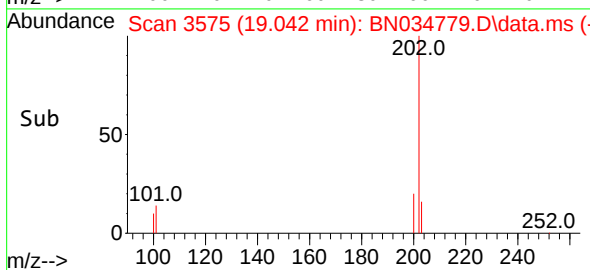
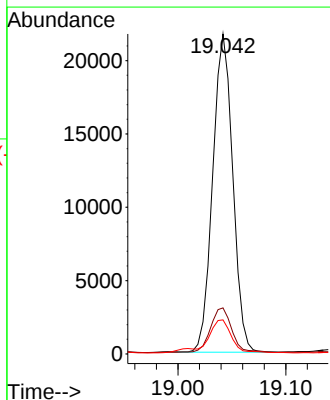
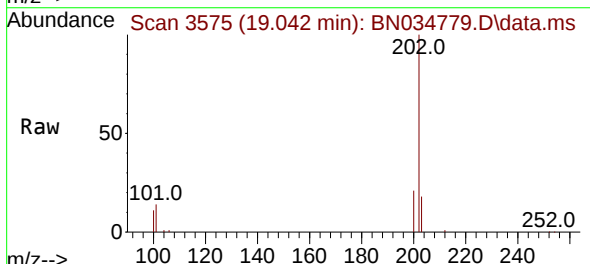
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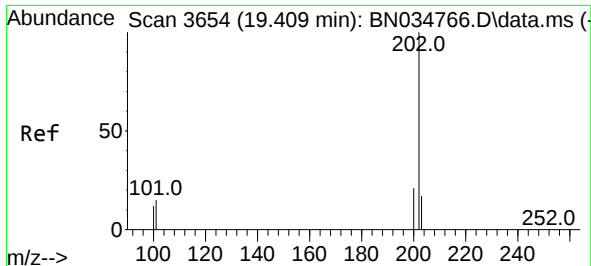
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024



#19
 Fluoranthene
 Concen: 0.302 ng/ul
 RT: 19.042 min Scan# 3575
 Delta R.T. -0.005 min
 Lab File: BN034779.D
 Acq: 31 Oct 2024 23:06

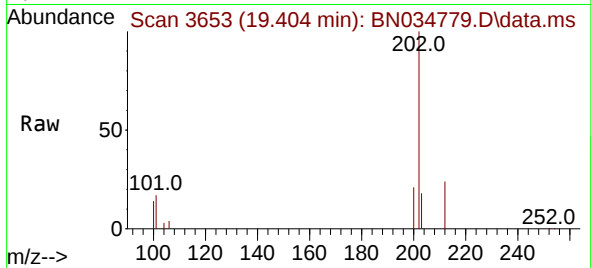
Tgt Ion:202 Resp: 28077
 Ion Ratio Lower Upper
 202 100
 101 14.4 10.8 16.2
 100 10.7 8.2 12.2





#20
Pyrene
Concen: 0.574 ng/ul m
RT: 19.404 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN034779.D
Acq: 31 Oct 2024 23:06

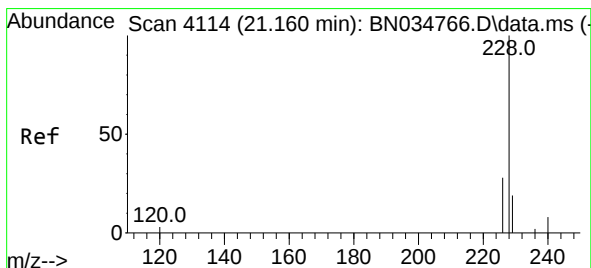
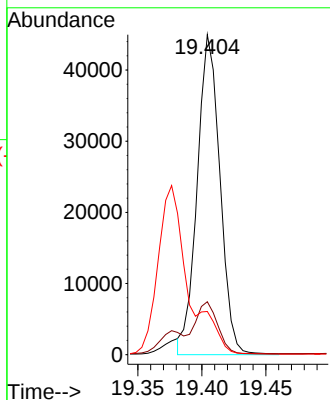
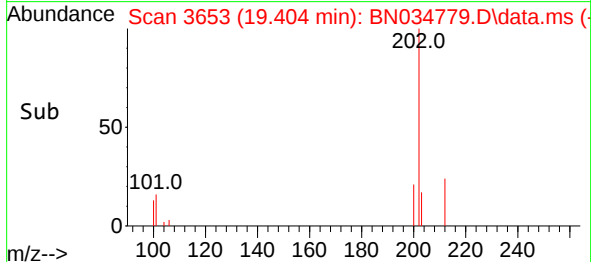
Instrument :
BNA_N
ClientSampleId :
F7H17



Tgt Ion:202 Resp: 55670
Ion Ratio Lower Upper
202 100
101 16.6 12.4 18.6
100 13.5 10.0 15.0

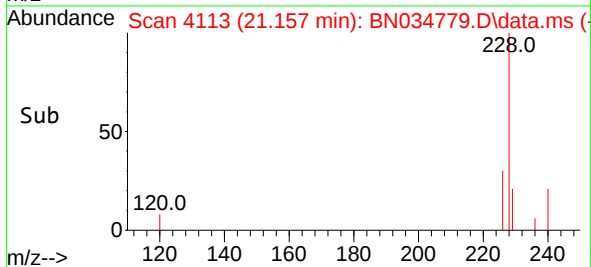
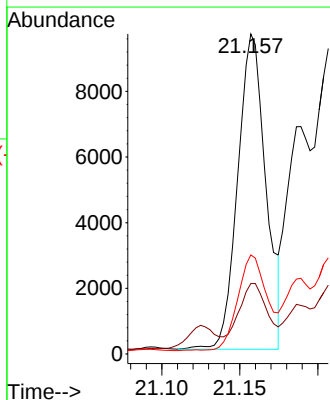
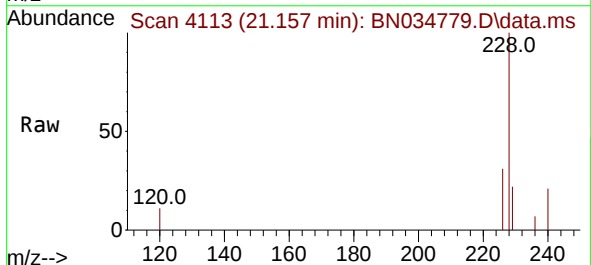
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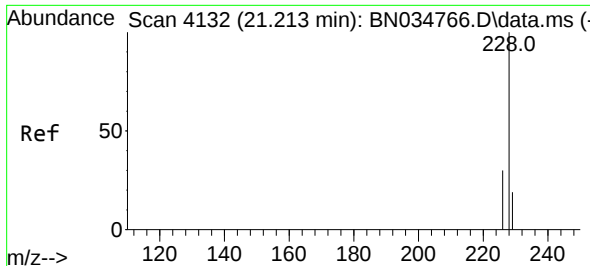
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#21
Benzo(a)anthracene
Concen: 0.157 ng/ul
RT: 21.157 min Scan# 4113
Delta R.T. -0.003 min
Lab File: BN034779.D
Acq: 31 Oct 2024 23:06

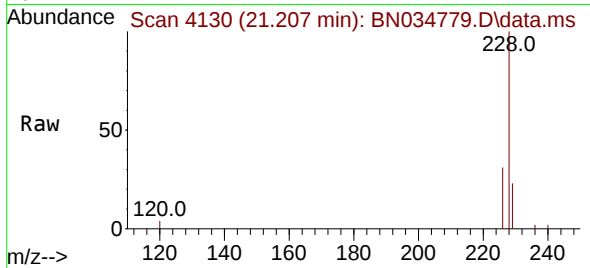
Tgt Ion:228 Resp: 12046
Ion Ratio Lower Upper
228 100
229 22.0 15.5 23.3
226 31.0 22.1 33.1





#22
Chrysene
Concen: 0.244 ng/ul m
RT: 21.207 min Scan# 4132
Delta R.T. -0.006 min
Lab File: BN034779.D
Acq: 31 Oct 2024 23:06

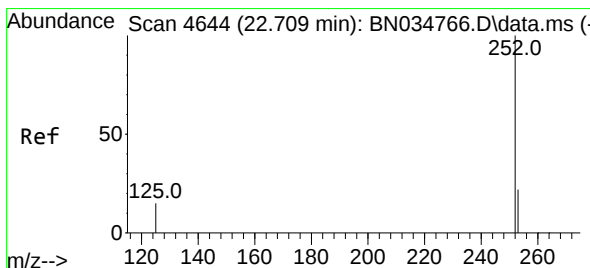
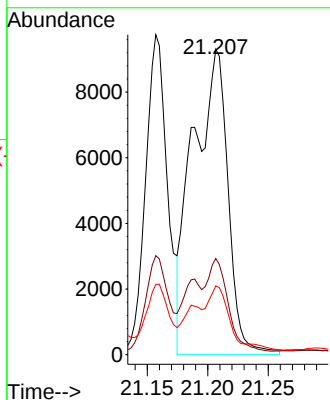
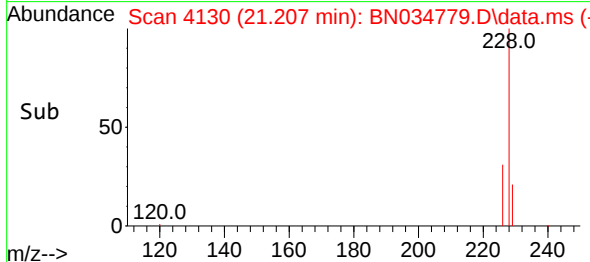
Instrument :
BNA_N
ClientSampleId :
F7H17



Tgt Ion:228 Resp: 18748
Ion Ratio Lower Upper
228 100
226 31.5 24.3 36.5
229 22.5 15.6 23.4

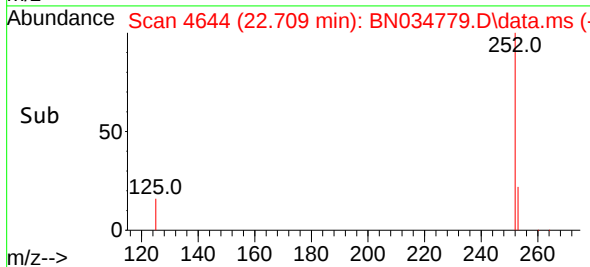
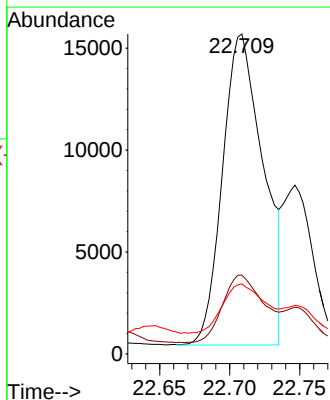
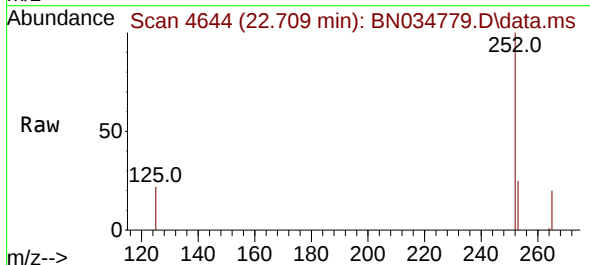
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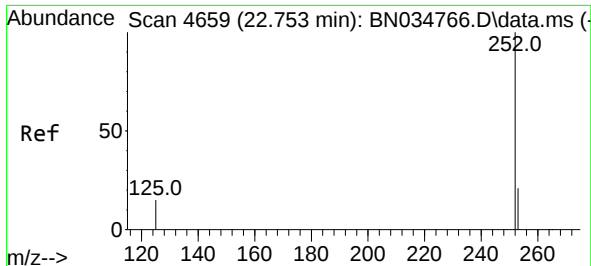
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#24
Benzo(b)fluoranthene
Concen: 0.466 ng/ul m
RT: 22.709 min Scan# 4644
Delta R.T. -0.000 min
Lab File: BN034779.D
Acq: 31 Oct 2024 23:06

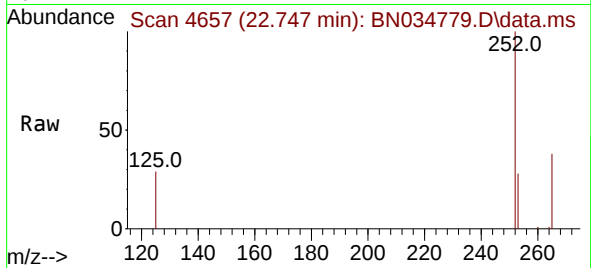
Tgt Ion:252 Resp: 30951
Ion Ratio Lower Upper
252 100
253 24.6 0.0 47.6
125 21.9 0.0 41.4





#25
Benzo(k)fluoranthene
Concen: 0.176 ng/ul m
RT: 22.747 min Scan# 4657
Delta R.T. -0.003 min
Lab File: BN034779.D
Acq: 31 Oct 2024 23:06

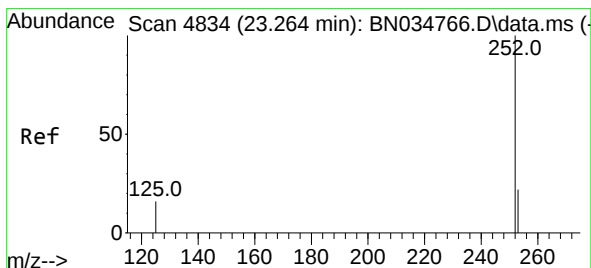
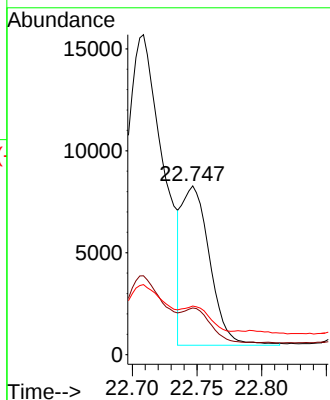
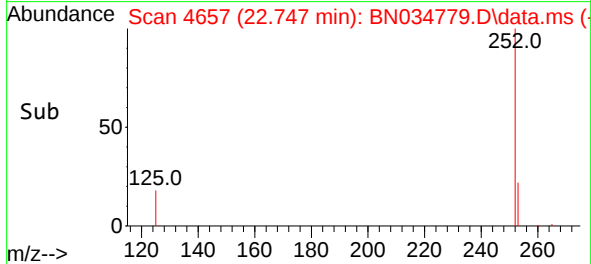
Instrument :
BNA_N
ClientSampleId :
F7H17



Tgt Ion:252 Resp: 11790
Ion Ratio Lower Upper
252 100
253 27.7 19.1 28.7
125 28.8 17.0 25.4

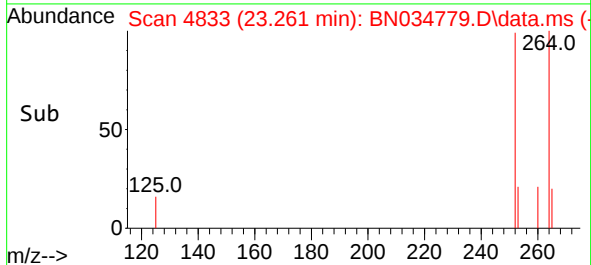
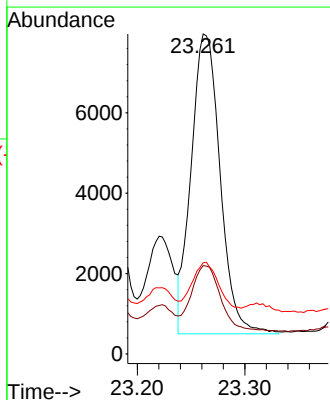
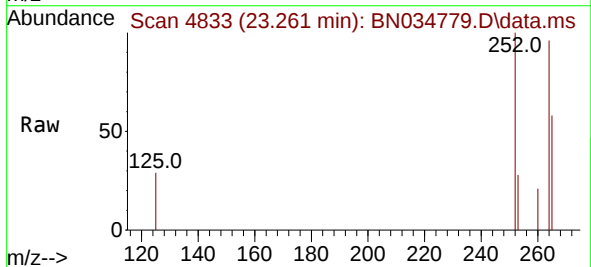
Manual Integrations
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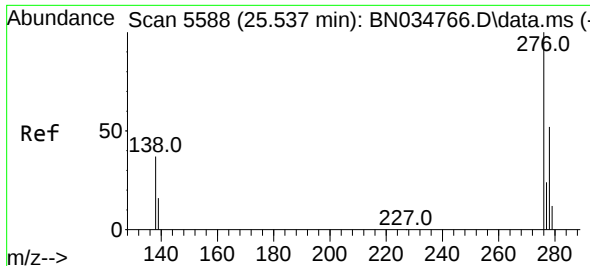
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#26
Benzo(a)pyrene
Concen: 0.244 ng/ul m
RT: 23.261 min Scan# 4833
Delta R.T. -0.003 min
Lab File: BN034779.D
Acq: 31 Oct 2024 23:06

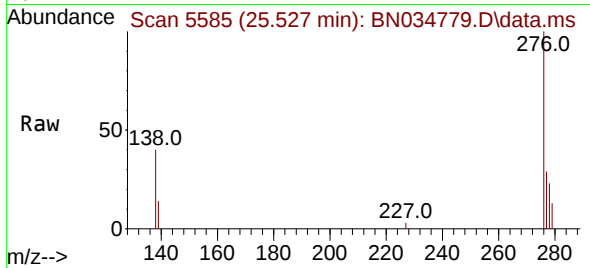
Tgt Ion:252 Resp: 13973
Ion Ratio Lower Upper
252 100
253 27.6 20.0 30.0
125 28.5 19.8 29.6





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.088 ng/ul m
RT: 25.527 min Scan# 5588
Delta R.T. -0.010 min
Lab File: BN034779.D
Acq: 31 Oct 2024 23:06

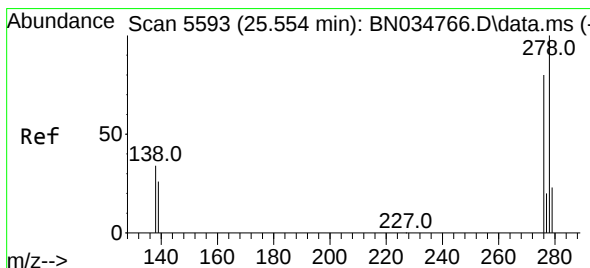
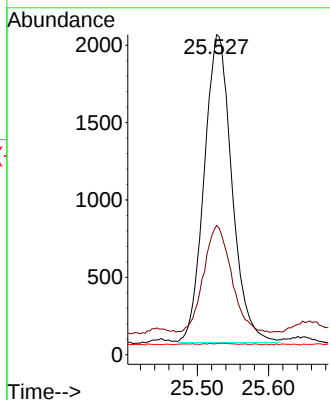
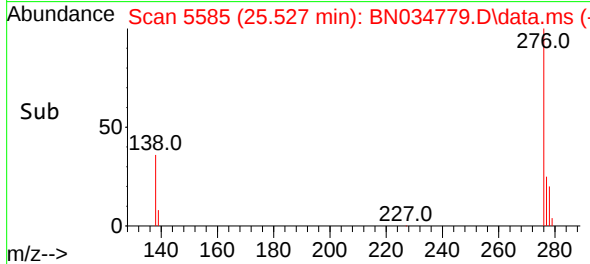
Instrument :
BNA_N
ClientSampleId :
F7H17



Tgt Ion: 276 Resp: 537
Ion Ratio Lower Upper
276 100
138 3.6 31.8 47.6
227 0.1 0.2 0.4

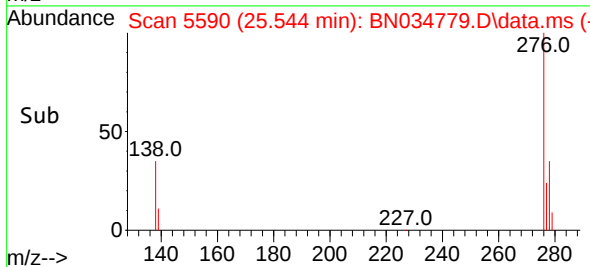
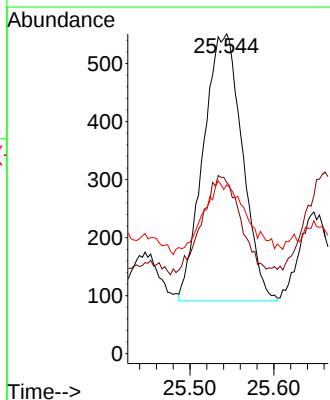
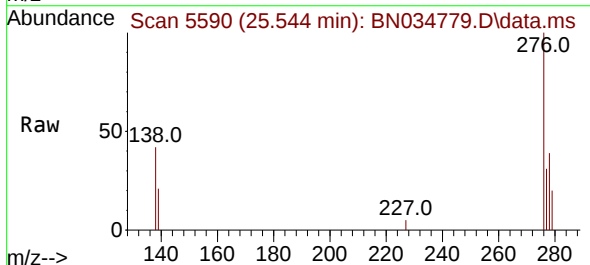
Manual Integrations
APPROVED

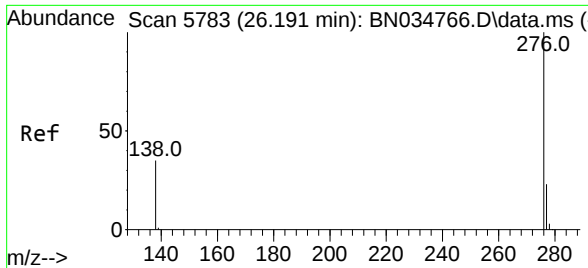
Reviewed By : Yogesh Patel 11/04/2024
Supervised By : mohammad ahmed 11/05/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul m
RT: 25.544 min Scan# 5590
Delta R.T. -0.010 min
Lab File: BN034779.D
Acq: 31 Oct 2024 23:06

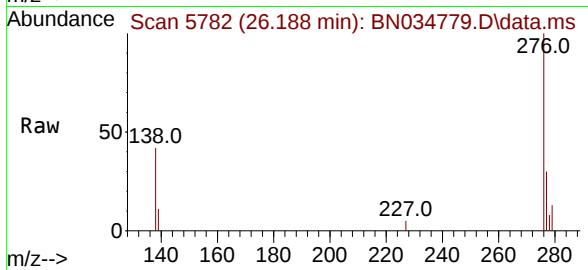
Tgt Ion: 278 Resp: 1489
Ion Ratio Lower Upper
278 100
139 53.5 23.4 35.2#
279 52.8 20.6 31.0#





#29
Benzo(g,h,i)perylene
Concen: 0.086 ng/ul m
RT: 26.188 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN034779.D
Acq: 31 Oct 2024 23:06

Instrument :
BNA_N
ClientSampleId :
F7H17



Tgt Ion:276 Resp: 4100
Ion Ratio Lower Upper
276 100
138 41.6 28.8 43.2
277 29.6 20.2 30.2

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