

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034781.D
 Acq On : 01 Nov 2024 00:18
 Operator : RC/JU
 Sample : P4529-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7H16

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 23:23:53 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	8270	0.400	ng/ul	0.00
4) Naphthalene-d8	10.366	136	26415	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.236	164	14899	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.979	188	29862	0.400	ng/ul	0.00
17) Chrysene-d12	21.172	240	21244	0.400	ng/ul	0.00
23) Perylene-d12	23.355	264	18175m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	31988	3.737	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	8004	0.242	ng/ul	0.00
18) Fluoranthene-d10	19.009	212	16263	0.235	ng/ul	0.00
Target Compounds					Qvalue	
10) Acenaphthylene	13.949	152	3008	0.044	ng/ul#	92
12) Fluorene	15.286	166	1284	0.022	ng/ul#	96
15) Phenanthrene	17.021	178	4733	0.052	ng/ul	95
16) Anthracene	17.114	178	12340	0.148	ng/ul	98
19) Fluoranthene	19.042	202	43859	0.426	ng/ul	98
20) Pyrene	19.404	202	106402	0.992	ng/ul	97
21) Benzo(a)anthracene	21.157	228	22012	0.259	ng/ul	94
22) Chrysene	21.207	228	37124m	0.436	ng/ul	
24) Benzo(b)fluoranthene	22.706	252	66267m	0.896	ng/ul	
25) Benzo(k)fluoranthene	22.747	252	24691m	0.331	ng/ul	
26) Benzo(a)pyrene	23.261	252	30307m	0.476	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.527	276	11252m	0.166	ng/ul	
28) Dibenzo(a,h)anthracene	25.537	278	2890m	0.056	ng/ul	
29) Benzo(g,h,i)perylene	26.188	276	8578m	0.161	ng/ul	

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

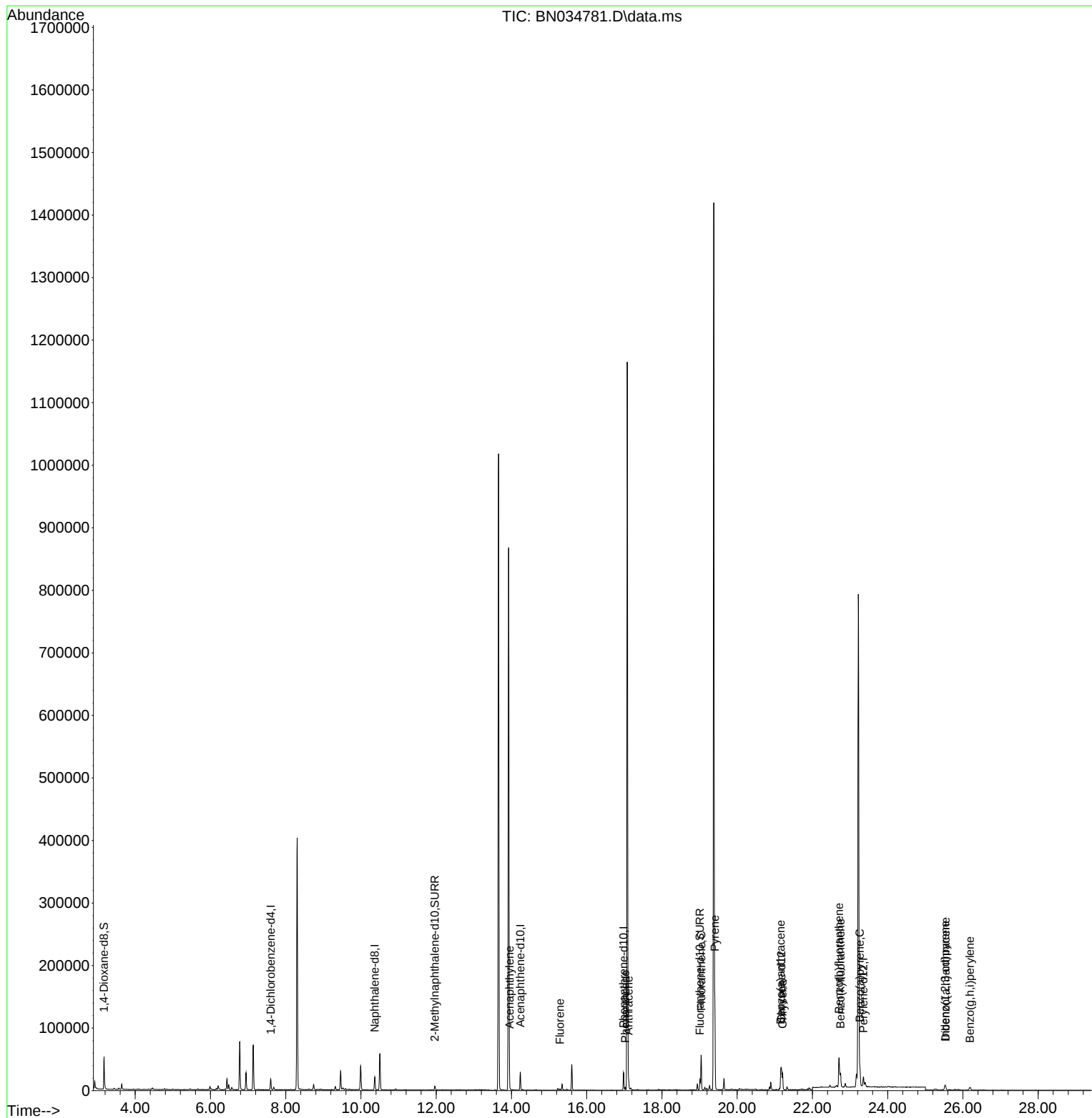
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034781.D
Acq On : 01 Nov 2024 00:18
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Sample : P4529-07
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ALS Vial : 24 Sample Multiplier: 1

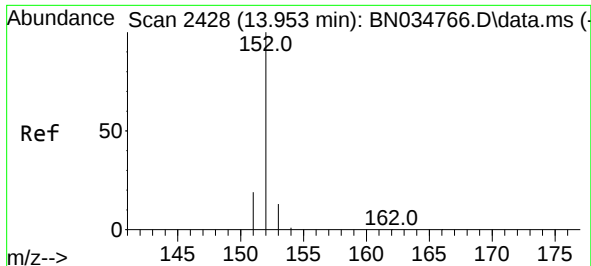
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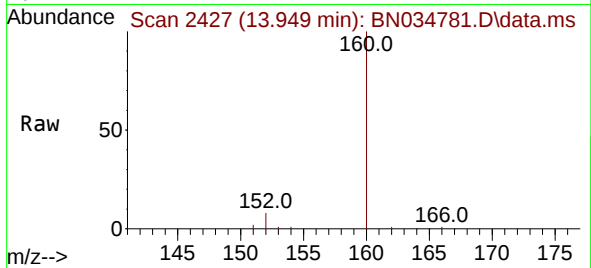
Quant Time: Nov 03 23:23:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
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#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 13.949 min Scan# 2428
Delta R.T. -0.005 min
Lab File: BN034781.D
Acq: 01 Nov 2024 00:18

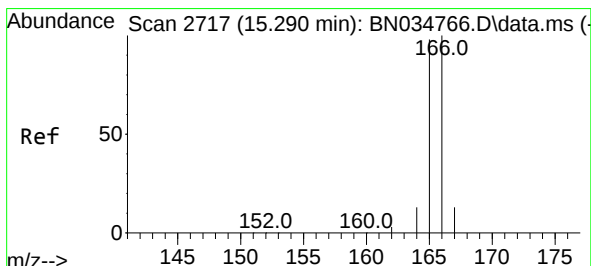
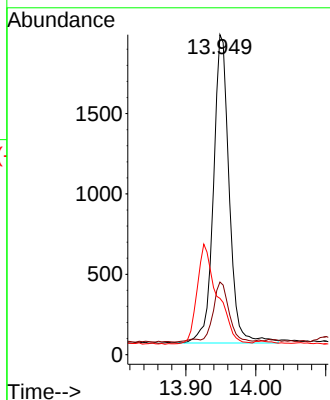
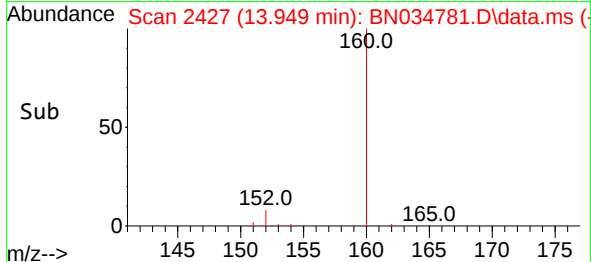
Instrument :
BNA_N
ClientSampleId :
F7H16



Tgt Ion:152 Resp: 3008
Ion Ratio Lower Upper
152 100
151 22.7 16.0 24.0
153 17.6 10.7 16.1

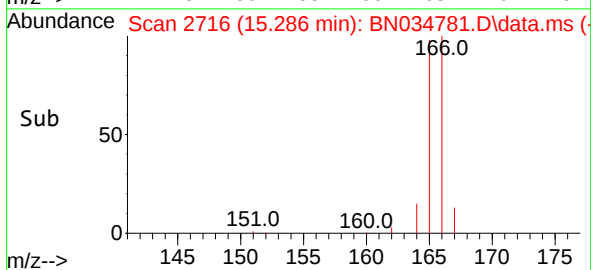
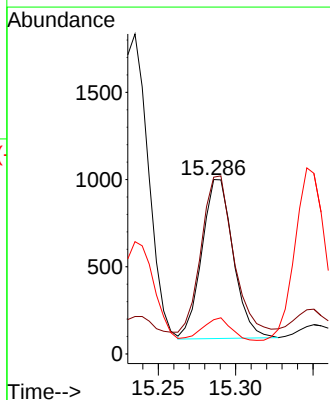
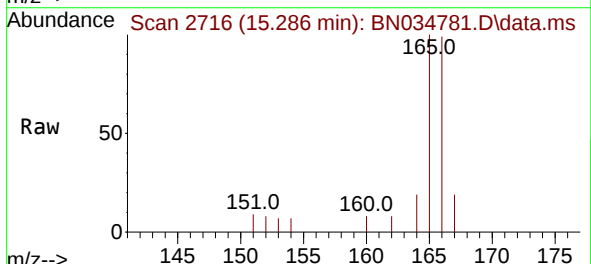
Manual Integrations
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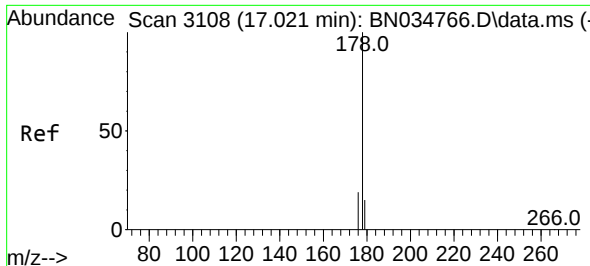
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#12
Fluorene
Concen: 0.022 ng/ul
RT: 15.286 min Scan# 2716
Delta R.T. -0.005 min
Lab File: BN034781.D
Acq: 01 Nov 2024 00:18

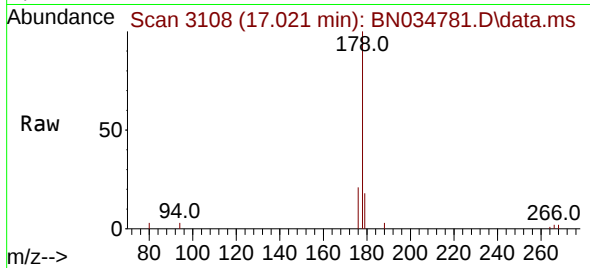
Tgt Ion:166 Resp: 1284
Ion Ratio Lower Upper
166 100
165 101.4 79.1 118.7
167 19.6 11.0 16.4





#15
Phenanthrene
Concen: 0.052 ng/ul
RT: 17.021 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BN034781.D
Acq: 01 Nov 2024 00:18

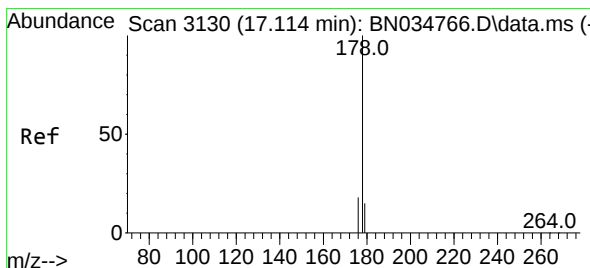
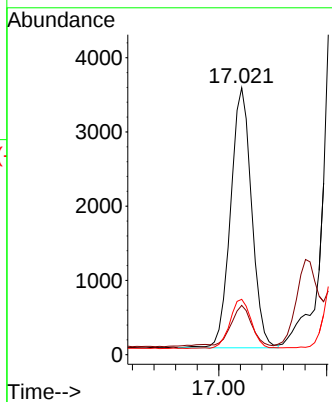
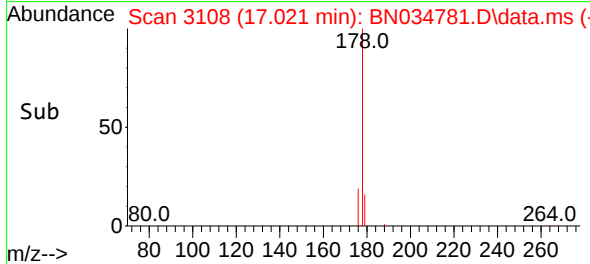
Instrument :
BNA_N
ClientSampleId :
F7H16



Tgt Ion:178 Resp: 4738
Ion Ratio Lower Upper
178 100
179 18.5 12.4 18.6
176 20.7 15.4 23.0

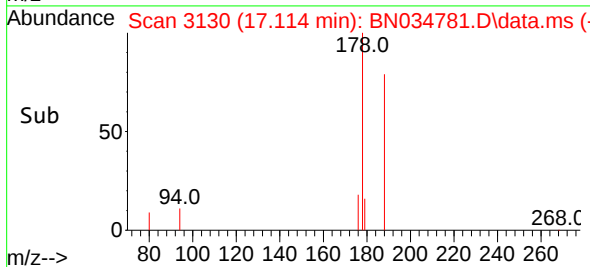
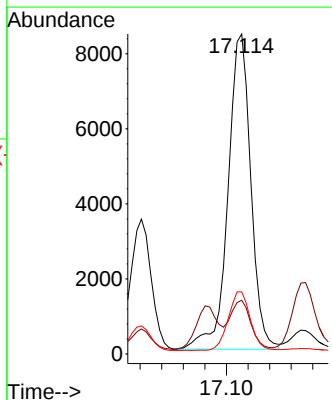
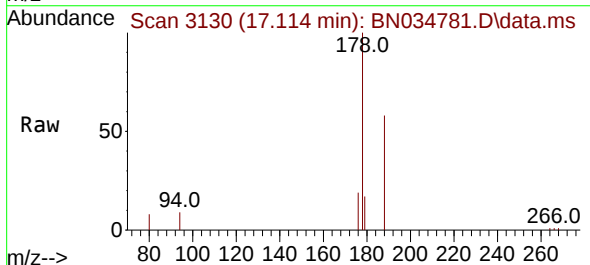
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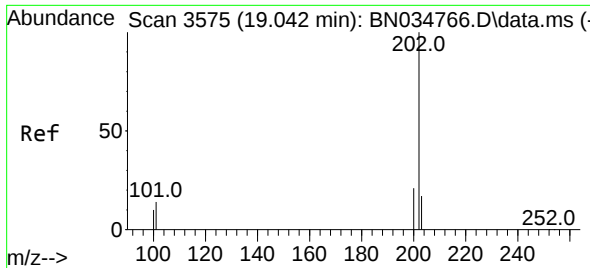
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#16
Anthracene
Concen: 0.148 ng/ul
RT: 17.114 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BN034781.D
Acq: 01 Nov 2024 00:18

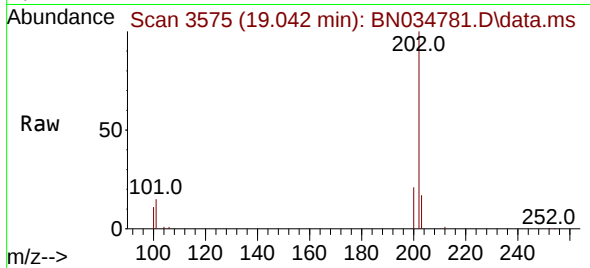
Tgt Ion:178 Resp: 12340
Ion Ratio Lower Upper
178 100
179 16.8 12.3 18.5
176 19.4 15.1 22.7





#19
Fluoranthene
Concen: 0.426 ng/ul
RT: 19.042 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BN034781.D
Acq: 01 Nov 2024 00:18

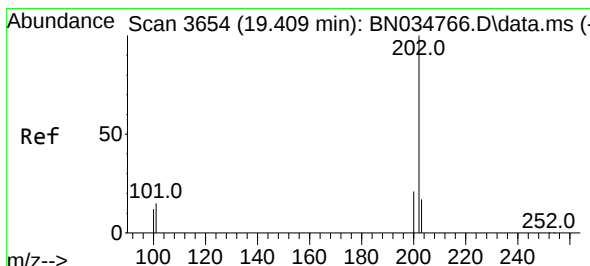
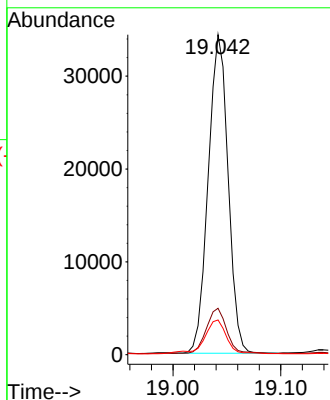
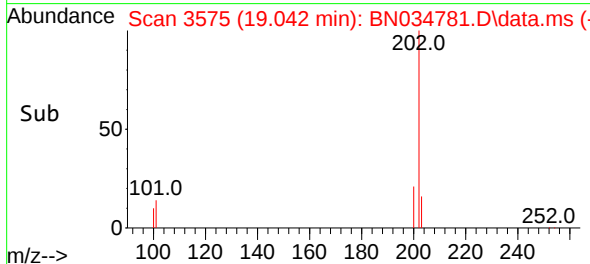
Instrument :
BNA_N
ClientSampleId :
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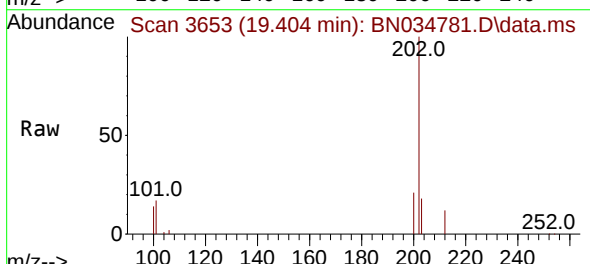
Tgt Ion:202 Resp: 43859
Ion Ratio Lower Upper
202 100
101 14.5 10.8 16.2
100 10.9 8.2 12.2

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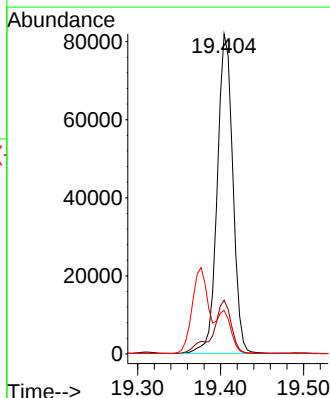
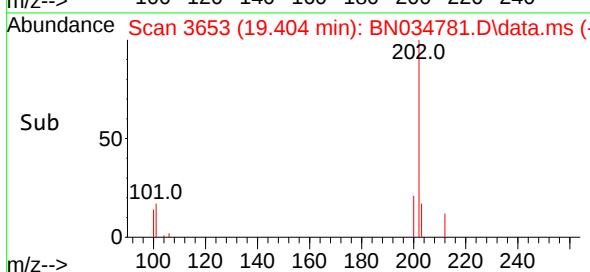
Reviewed By :Yogesh Patel 11/04/2024
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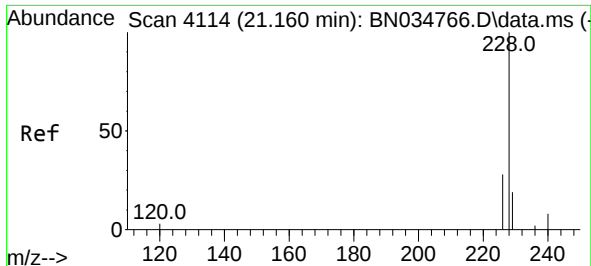


#20
Pyrene
Concen: 0.992 ng/ul
RT: 19.404 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BN034781.D
Acq: 01 Nov 2024 00:18



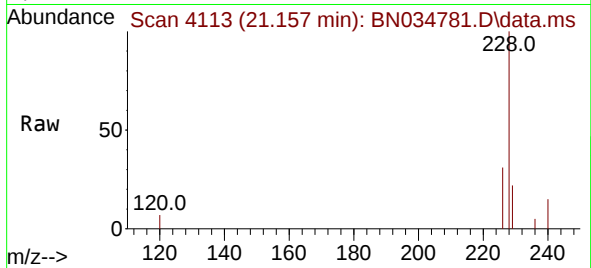
Tgt Ion:202 Resp: 106402
Ion Ratio Lower Upper
202 100
101 16.8 12.4 18.6
100 13.6 10.0 15.0





#21
Benzo(a)anthracene
Concen: 0.259 ng/ul
RT: 21.157 min Scan# 4113
Delta R.T. -0.003 min
Lab File: BN034781.D
Acq: 01 Nov 2024 00:18

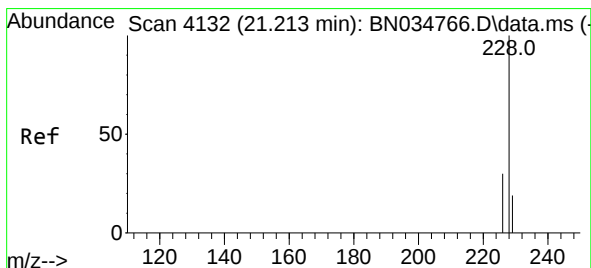
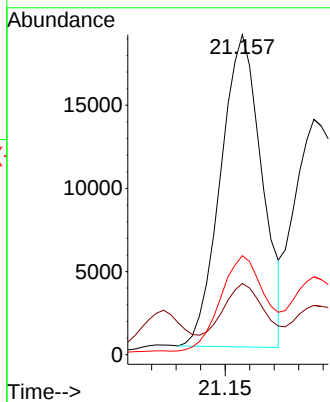
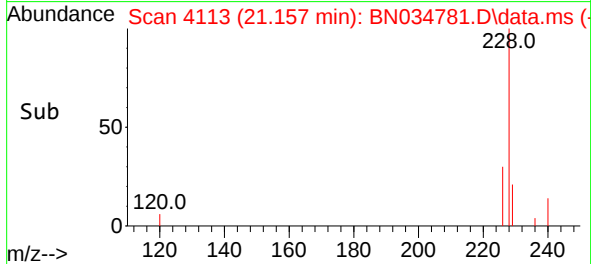
Instrument :
BNA_N
ClientSampleId :
F7H16



Tgt Ion:228 Resp: 22012
Ion Ratio Lower Upper
228 100
229 22.3 15.5 23.3
226 31.0 22.1 33.1

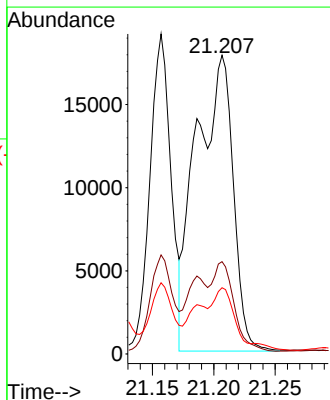
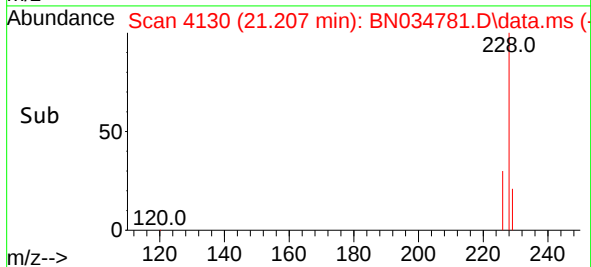
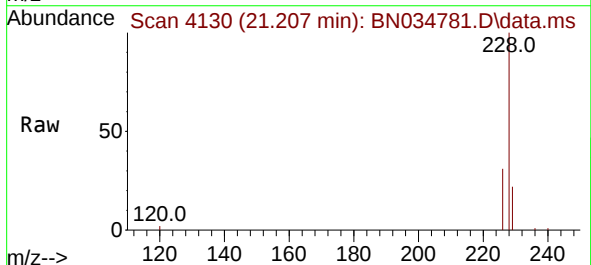
Manual Integrations
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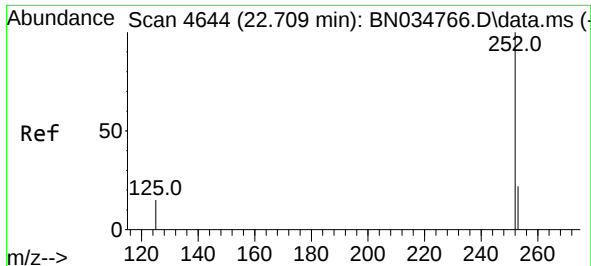
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#22
Chrysene
Concen: 0.436 ng/ul m
RT: 21.207 min Scan# 4130
Delta R.T. -0.006 min
Lab File: BN034781.D
Acq: 01 Nov 2024 00:18

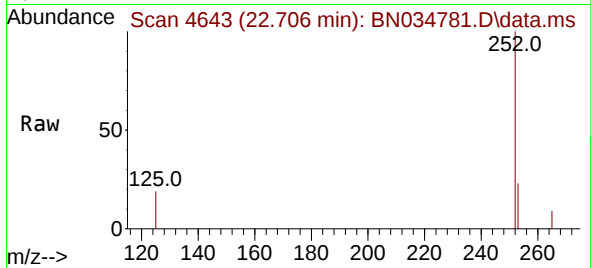
Tgt Ion:228 Resp: 37124
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 22.2 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.896 ng/ul m
RT: 22.706 min Scan# 4643
Delta R.T. -0.003 min
Lab File: BN034781.D
Acq: 01 Nov 2024 00:18

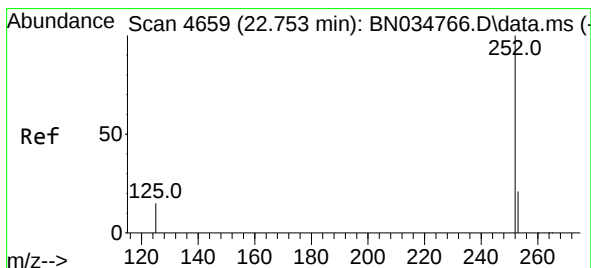
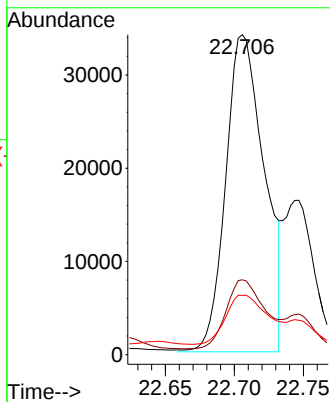
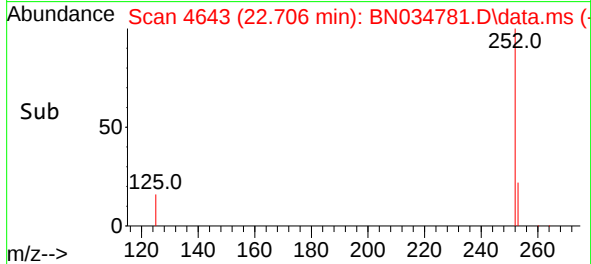
Instrument :
BNA_N
ClientSampleId :
F7H16



Tgt Ion:252 Resp: 6626
Ion Ratio Lower Upper
252 100
253 23.4 0.0 47.6
125 18.5 0.0 41.4

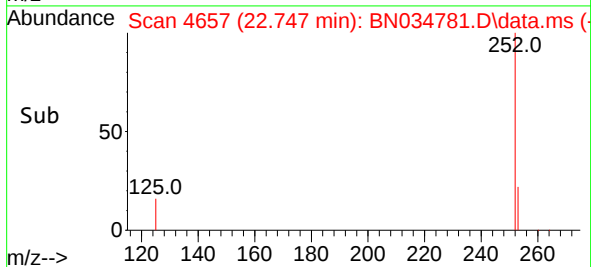
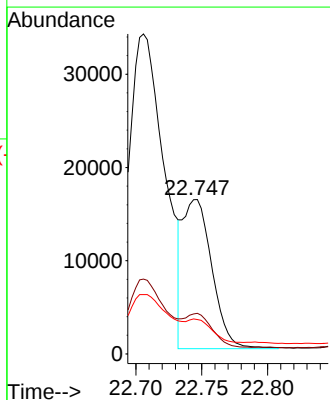
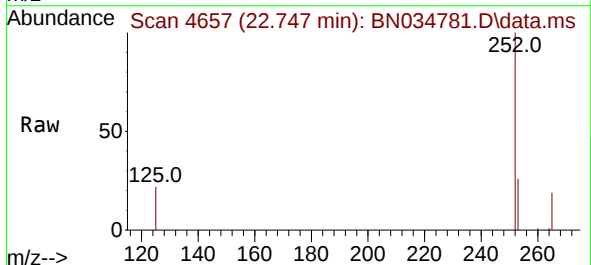
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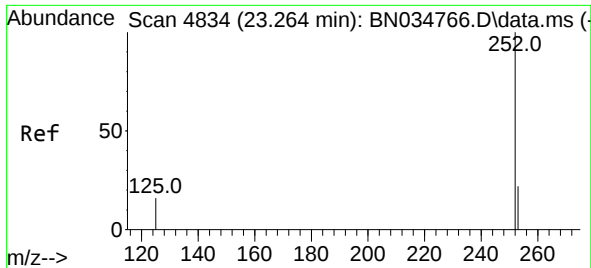
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#25
Benzo(k)fluoranthene
Concen: 0.331 ng/ul m
RT: 22.747 min Scan# 4657
Delta R.T. -0.003 min
Lab File: BN034781.D
Acq: 01 Nov 2024 00:18

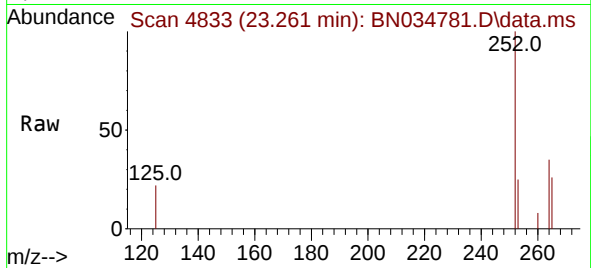
Tgt Ion:252 Resp: 24691
Ion Ratio Lower Upper
252 100
253 26.4 19.1 28.7
125 22.3 17.0 25.4





#26
Benzo(a)pyrene
Concen: 0.476 ng/ul m
RT: 23.261 min Scan# 4833
Delta R.T. -0.003 min
Lab File: BN034781.D
Acq: 01 Nov 2024 00:18

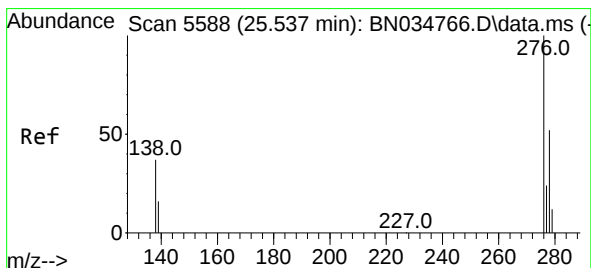
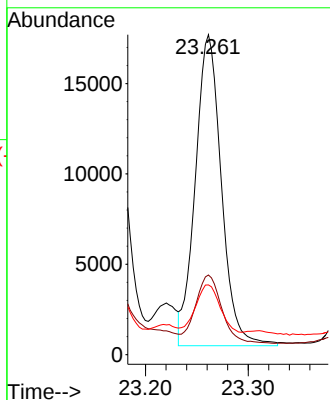
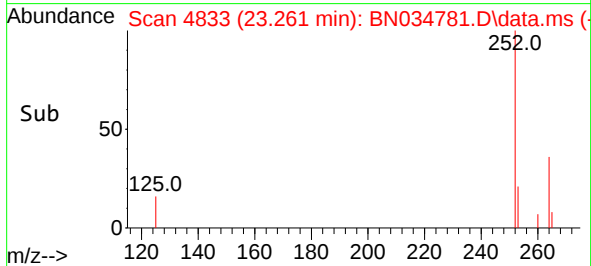
Instrument :
BNA_N
ClientSampleId :
F7H16



Tgt Ion:252 Resp: 3030
Ion Ratio Lower Upper
252 100
253 24.9 20.0 30.0
125 21.8 19.8 29.6

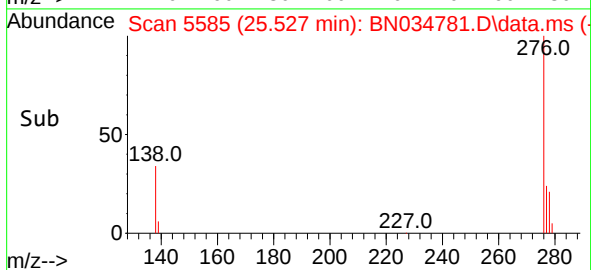
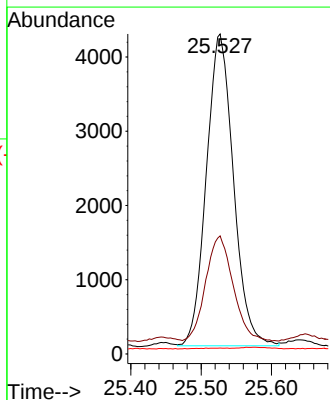
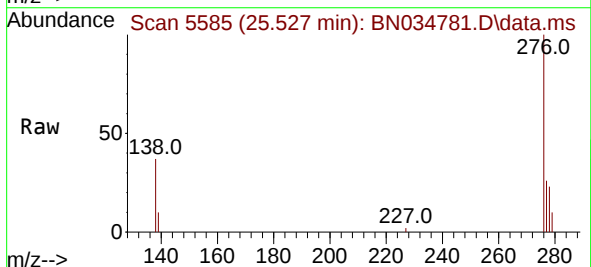
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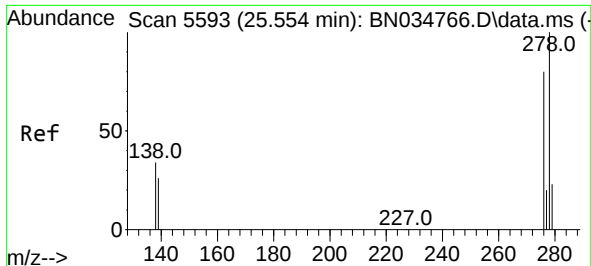
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.166 ng/ul m
RT: 25.527 min Scan# 5585
Delta R.T. -0.010 min
Lab File: BN034781.D
Acq: 01 Nov 2024 00:18

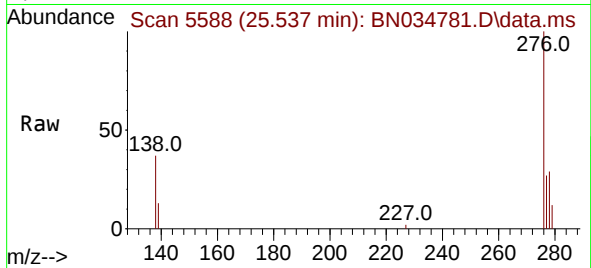
Tgt Ion:276 Resp: 11252
Ion Ratio Lower Upper
276 100
138 3.4 31.8 47.6#
227 0.0 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul m
RT: 25.537 min Scan# 5593
Delta R.T. -0.017 min
Lab File: BN034781.D
Acq: 01 Nov 2024 00:18

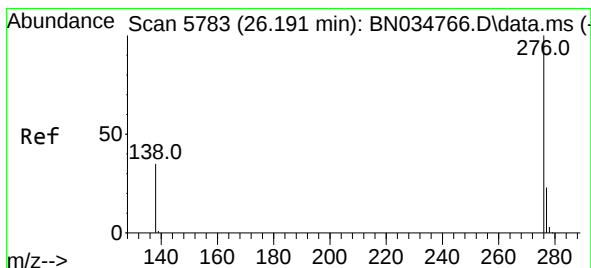
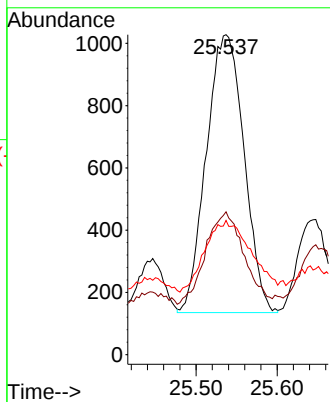
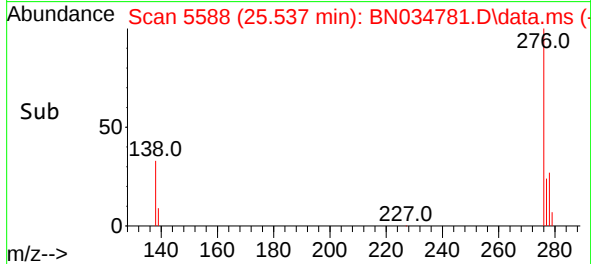
Instrument :
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Tgt Ion: 278 Resp: 2890
Ion Ratio Lower Upper
278 100
139 44.6 23.4 35.2
279 41.9 20.6 31.0

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Supervised By :mohammad ahmed 11/05/2024



#29
Benzo(g,h,i)perylene
Concen: 0.161 ng/ul m
RT: 26.188 min Scan# 5782
Delta R.T. -0.007 min
Lab File: BN034781.D
Acq: 01 Nov 2024 00:18

Tgt Ion: 276 Resp: 8578
Ion Ratio Lower Upper
276 100
138 38.2 28.8 43.2
277 26.2 20.2 30.2

