

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034799.D
 Acq On : 01 Nov 2024 11:45
 Operator : RC/JU
 Sample : P4529-05DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7H14DL

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 23:26:15 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	7154	0.400	ng/ul	0.00
4) Naphthalene-d8	10.366	136	22485	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.231	164	12693	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.975	188	26118	0.400	ng/ul	0.00
17) Chrysene-d12	21.169	240	19249	0.400	ng/ul	0.00
23) Perylene-d12	23.352	264	16718	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	6586	0.889	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	1590	0.056	ng/ul	0.00
18) Fluoranthene-d10	19.009	212	3061	0.049	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	13.949	152	4511	0.078	ng/ul	97
15) Phenanthrene	17.017	178	1618	0.020	ng/ul#	84
16) Anthracene	17.110	178	12844	0.176	ng/ul	99
19) Fluoranthene	19.037	202	46350	0.496	ng/ul	97
20) Pyrene	19.400	202	225816	2.323	ng/ul	96
21) Benzo(a)anthracene	21.151	228	39814	0.517	ng/ul	94
22) Chrysene	21.183	228	63501	0.823	ng/ul	96
24) Benzo(b)fluoranthene	22.700	252	140321m	2.062	ng/ul	
25) Benzo(k)fluoranthene	22.741	252	48620m	0.708	ng/ul	
26) Benzo(a)pyrene	23.162	252	52576	0.897	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.517	276	20721	0.332	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.527	278	5755	0.122	ng/ul#	89
29) Benzo(g,h,i)perylene	26.177	276	15048	0.307	ng/ul	99

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

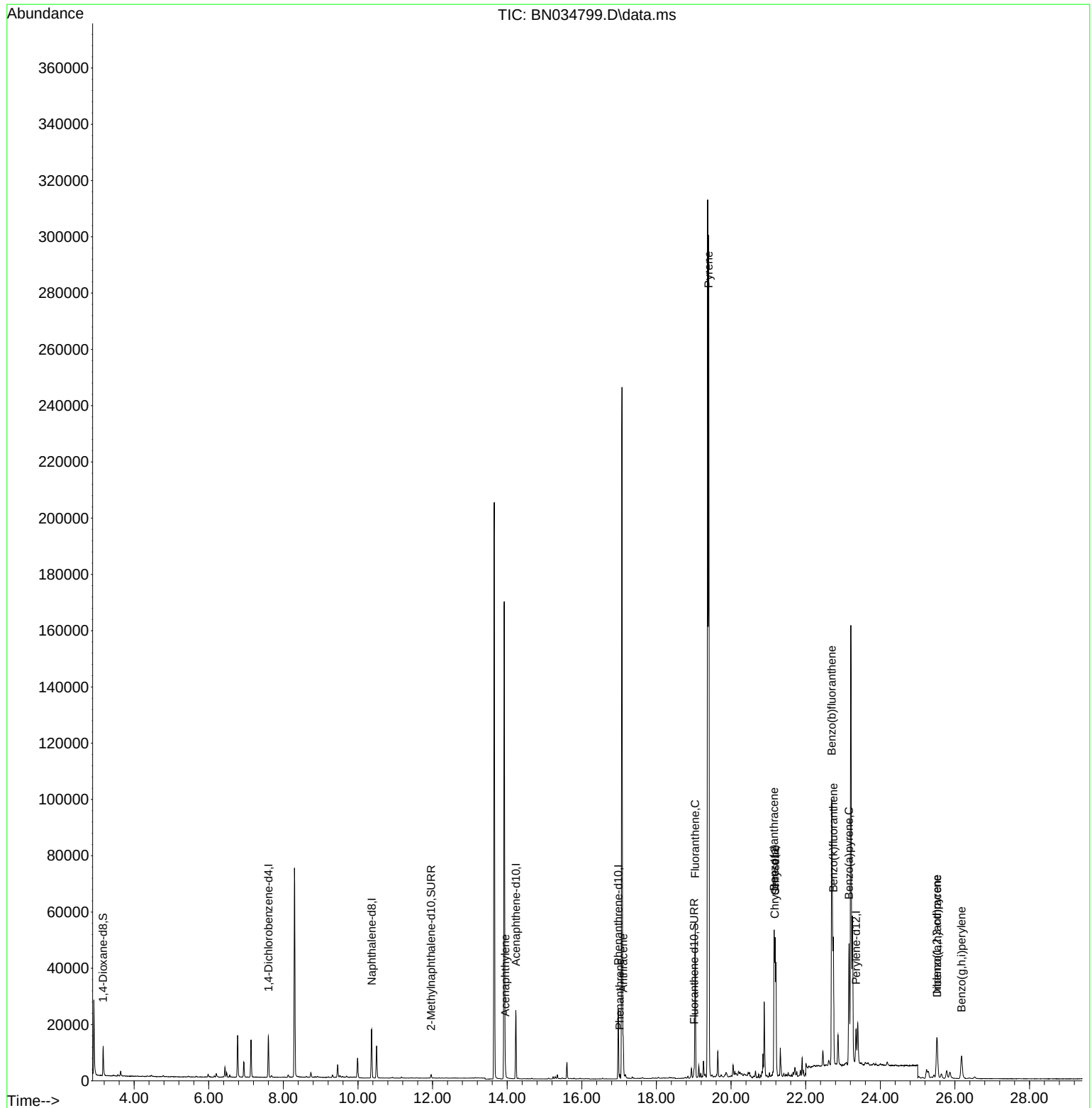
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034799.D
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ALS Vial : 43 Sample Multiplier: 1

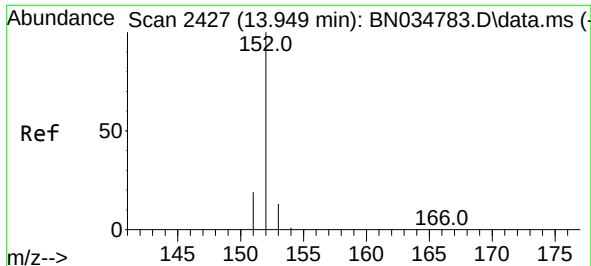
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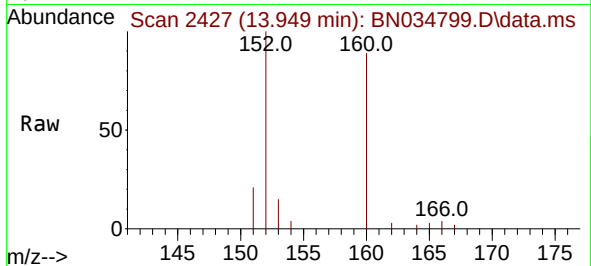
Quant Time: Nov 03 23:26:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#10
Acenaphthylene
Concen: 0.078 ng/ul
RT: 13.949 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BN034799.D
Acq: 01 Nov 2024 11:45

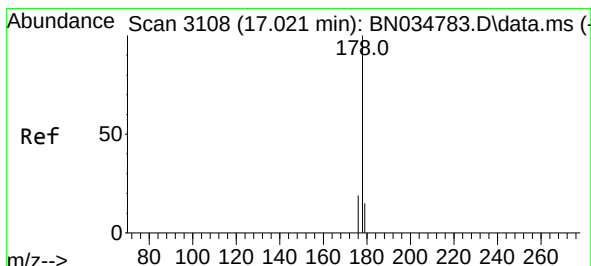
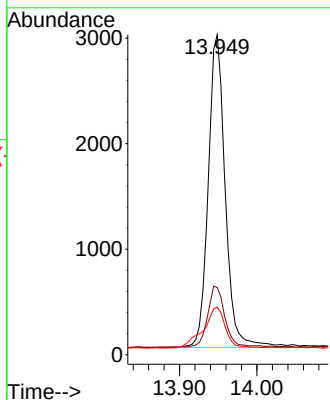
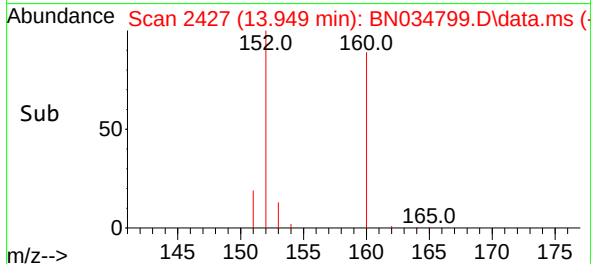
Instrument :
BNA_N
ClientSampleId :
F7H14DL



Tgt Ion:152 Resp: 451
Ion Ratio Lower Upper
152 100
151 20.9 16.0 24.0
153 14.8 10.7 16.1

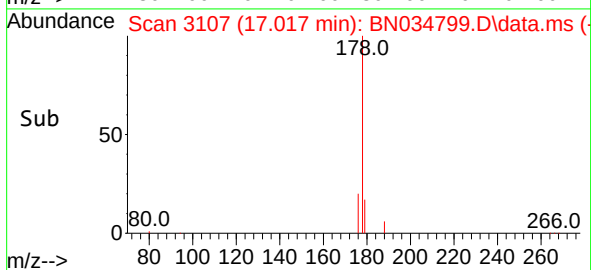
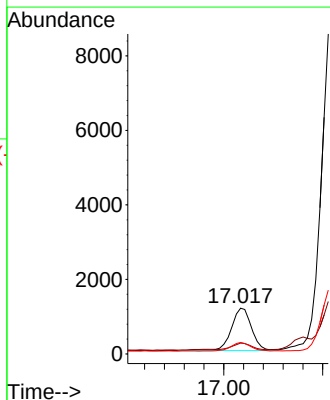
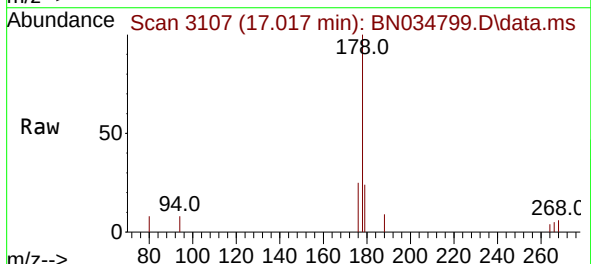
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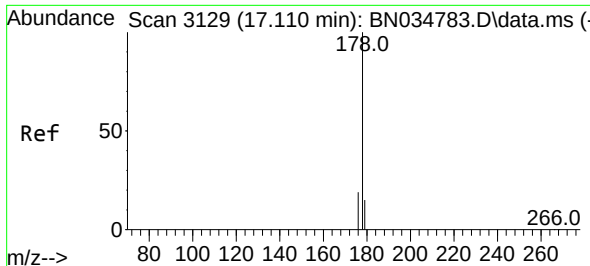
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#15
Phenanthrene
Concen: 0.020 ng/ul
RT: 17.017 min Scan# 3107
Delta R.T. -0.009 min
Lab File: BN034799.D
Acq: 01 Nov 2024 11:45

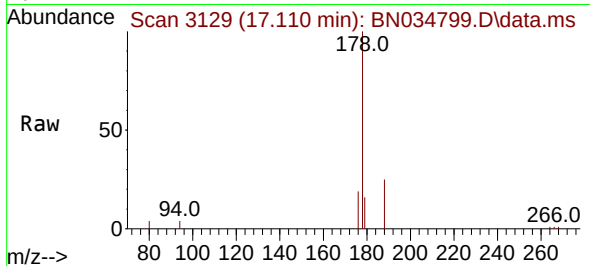
Tgt Ion:178 Resp: 1618
Ion Ratio Lower Upper
178 100
179 23.8 12.4 18.6#
176 25.0 15.4 23.0#





#16
 Anthracene
 Concen: 0.176 ng/ul
 RT: 17.110 min Scan# 3129
 Delta R.T. -0.004 min
 Lab File: BN034799.D
 Acq: 01 Nov 2024 11:45

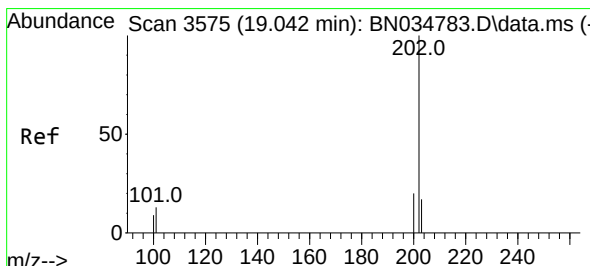
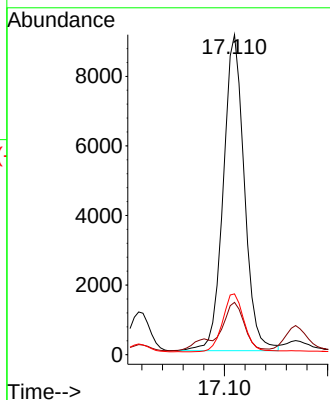
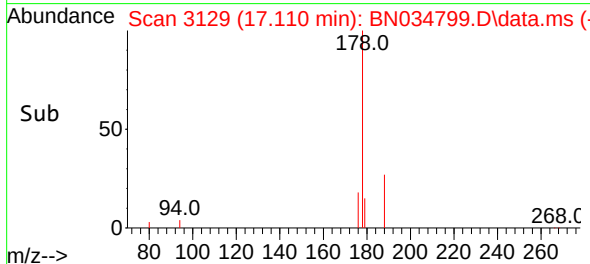
Instrument :
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 F7H14DL



Tgt Ion:178 Resp: 12844
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.3 18.5
 176 19.0 15.1 22.7

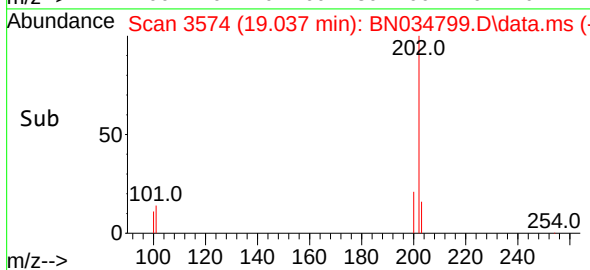
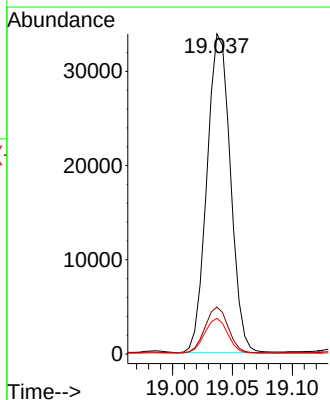
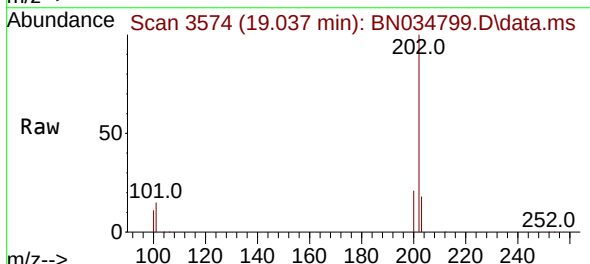
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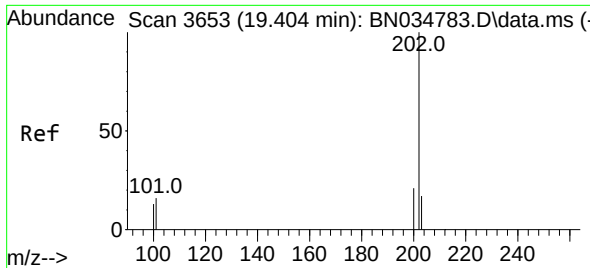
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024



#19
 Fluoranthene
 Concen: 0.496 ng/ul
 RT: 19.037 min Scan# 3574
 Delta R.T. -0.009 min
 Lab File: BN034799.D
 Acq: 01 Nov 2024 11:45

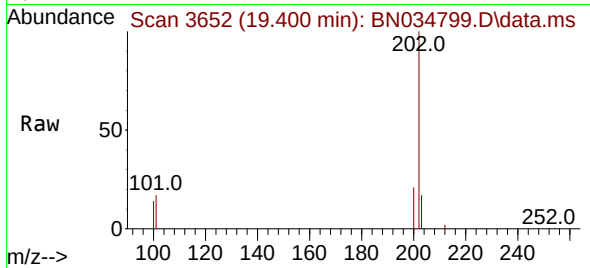
Tgt Ion:202 Resp: 46350
 Ion Ratio Lower Upper
 202 100
 101 14.7 10.8 16.2
 100 11.1 8.2 12.2





#20
Pyrene
Concen: 2.323 ng/ul
RT: 19.400 min Scan# 3653
Delta R.T. -0.009 min
Lab File: BN034799.D
Acq: 01 Nov 2024 11:45

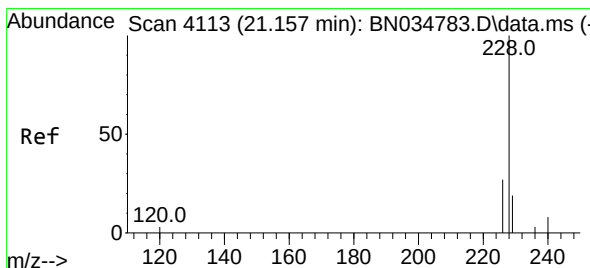
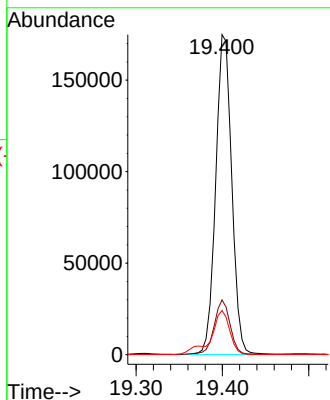
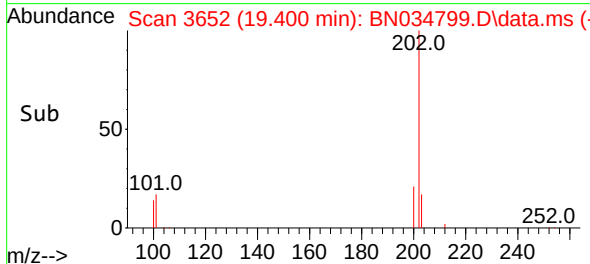
Instrument :
BNA_N
ClientSampleId :
F7H14DL



Tgt Ion:202 Resp: 225810
Ion Ratio Lower Upper
202 100
101 17.1 12.4 18.6
100 13.8 10.0 15.0

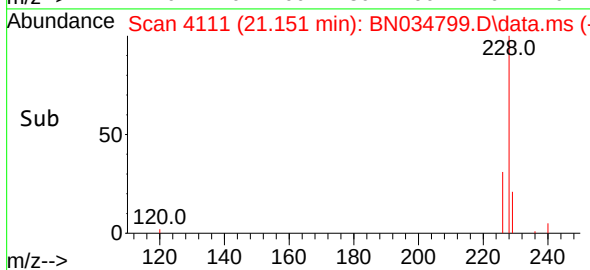
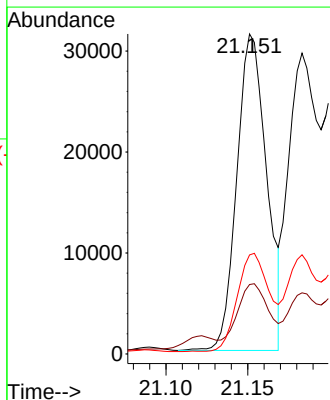
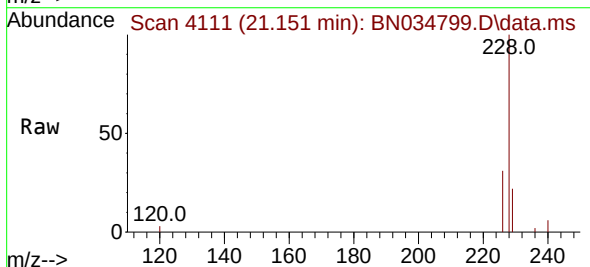
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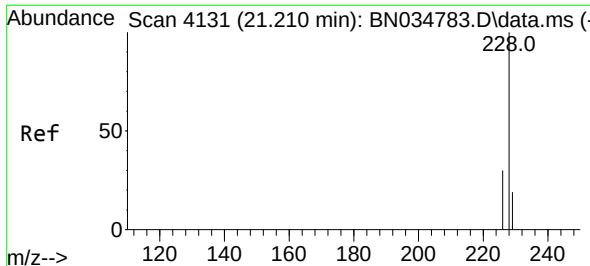
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#21
Benzo(a)anthracene
Concen: 0.517 ng/ul
RT: 21.151 min Scan# 4111
Delta R.T. -0.009 min
Lab File: BN034799.D
Acq: 01 Nov 2024 11:45

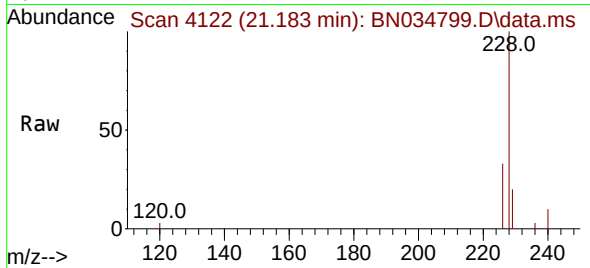
Tgt Ion:228 Resp: 39814
Ion Ratio Lower Upper
228 100
229 21.7 15.5 23.3
226 31.0 22.1 33.1





#22
Chrysene
Concen: 0.823 ng/ul
RT: 21.183 min Scan# 4131
Delta R.T. -0.029 min
Lab File: BN034799.D
Acq: 01 Nov 2024 11:45

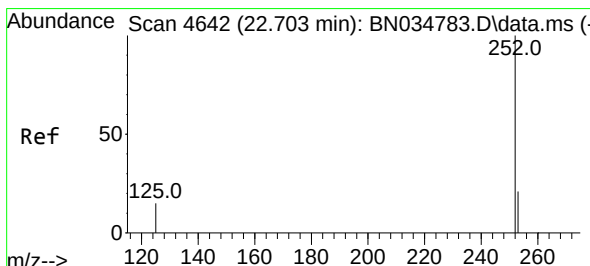
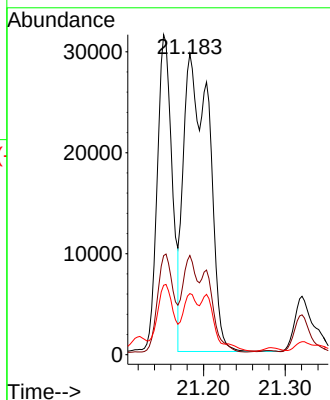
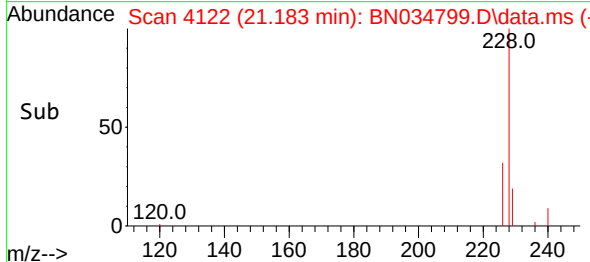
Instrument :
BNA_N
ClientSampleId :
F7H14DL



Tgt Ion:228 Resp: 6350
Ion Ratio Lower Upper
228 100
226 33.0 24.3 36.5
229 20.3 15.6 23.4

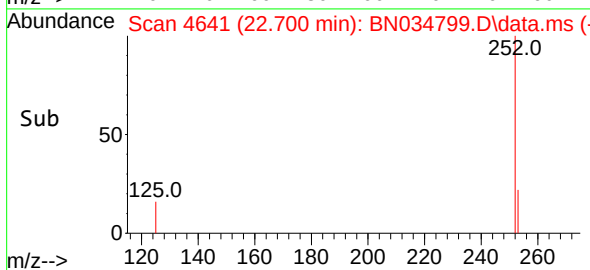
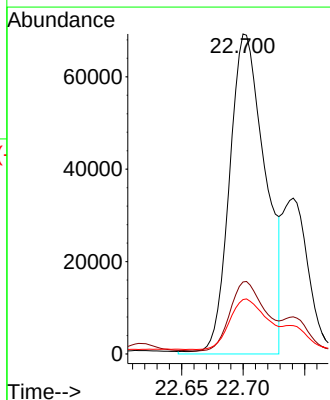
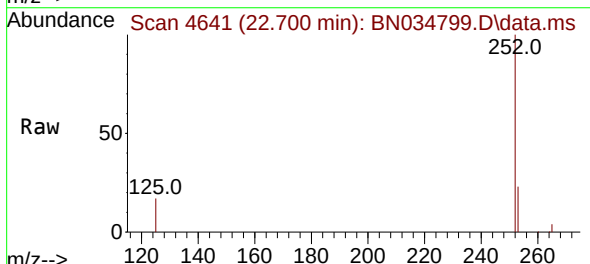
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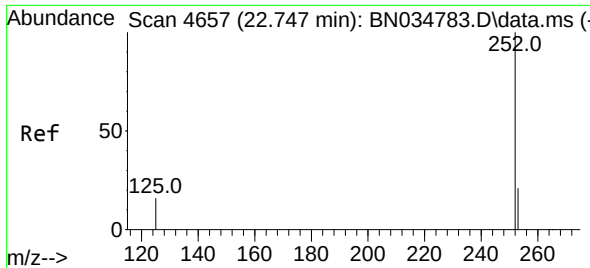
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#24
Benzo(b)fluoranthene
Concen: 2.062 ng/ul m
RT: 22.700 min Scan# 4641
Delta R.T. -0.009 min
Lab File: BN034799.D
Acq: 01 Nov 2024 11:45

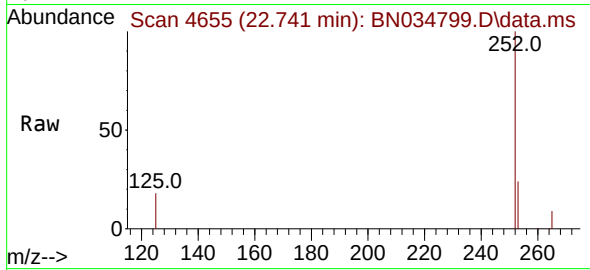
Tgt Ion:252 Resp: 140321
Ion Ratio Lower Upper
252 100
253 22.5 0.0 47.6
125 17.0 0.0 41.4





#25
Benzo(k)fluoranthene
Concen: 0.708 ng/ul m
RT: 22.741 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN034799.D
Acq: 01 Nov 2024 11:45

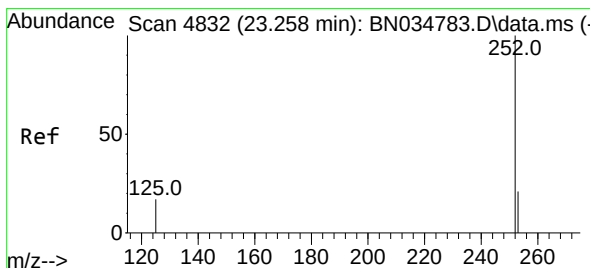
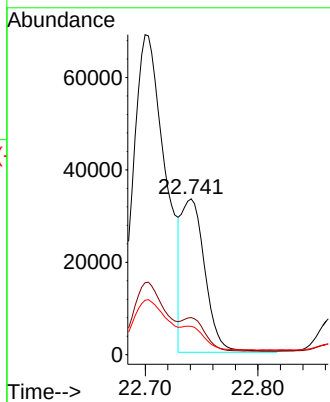
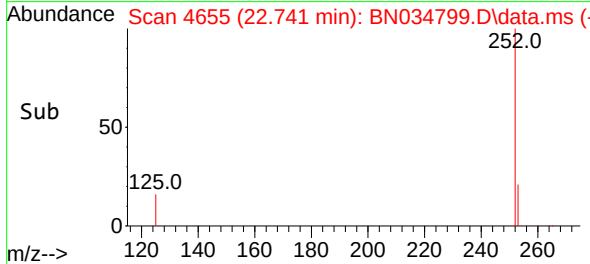
Instrument :
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ClientSampleId :
F7H14DL



Tgt Ion:252 Resp: 48620
Ion Ratio Lower Upper
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253 23.8 19.1 28.7
125 18.2 17.0 25.4

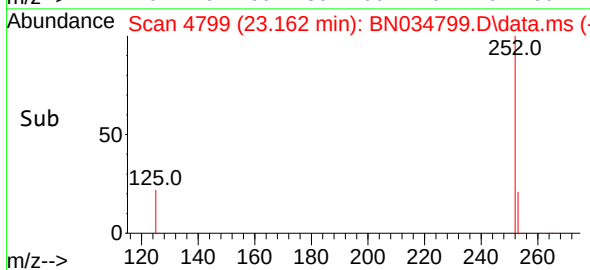
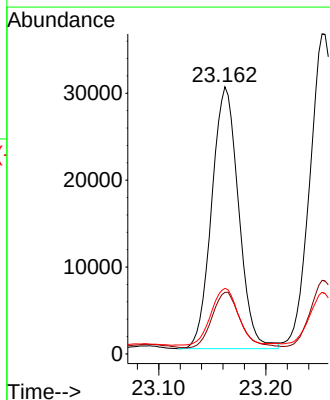
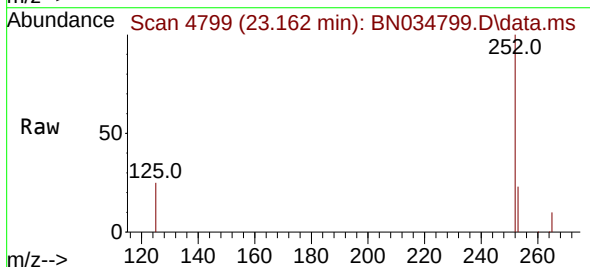
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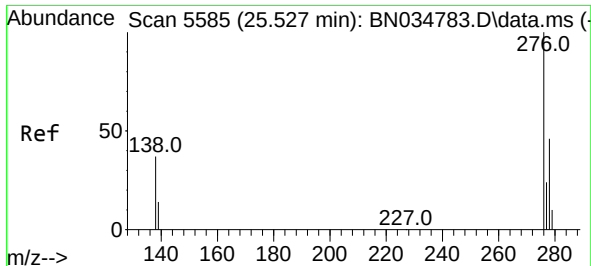
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#26
Benzo(a)pyrene
Concen: 0.897 ng/ul
RT: 23.162 min Scan# 4799
Delta R.T. -0.102 min
Lab File: BN034799.D
Acq: 01 Nov 2024 11:45

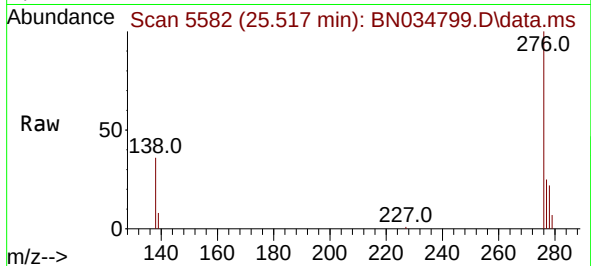
Tgt Ion:252 Resp: 52576
Ion Ratio Lower Upper
252 100
253 23.1 20.0 30.0
125 24.5 19.8 29.6





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng/ul
RT: 25.517 min Scan# 51
Delta R.T. -0.020 min
Lab File: BN034799.D
Acq: 01 Nov 2024 11:45

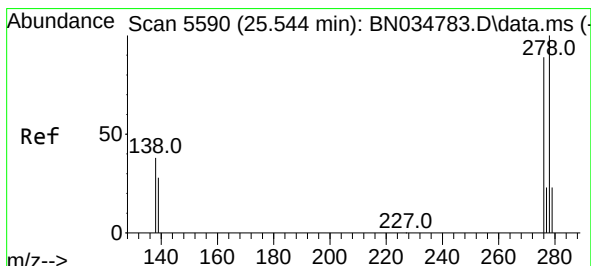
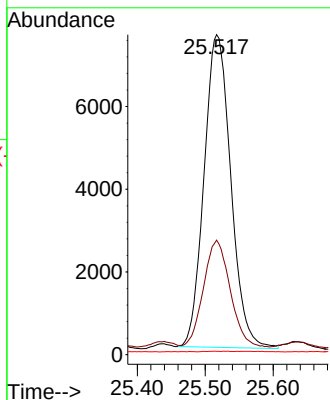
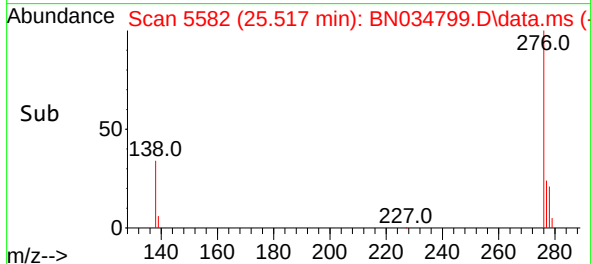
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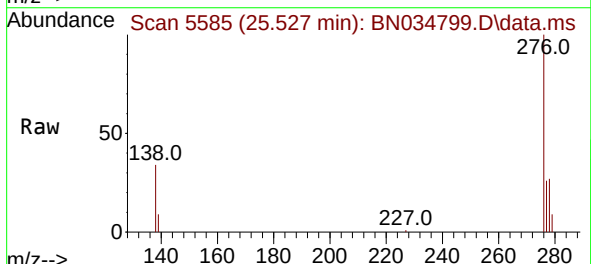
Tgt Ion: 276 Resp: 2072
Ion Ratio Lower Upper
276 100
138 34.8 31.8 47.6
227 0.1 0.2 0.4

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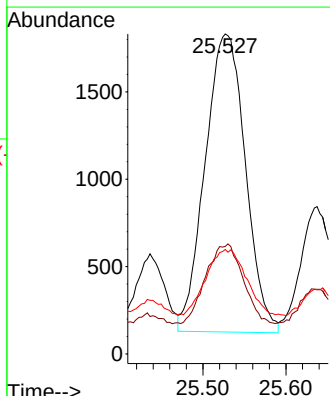
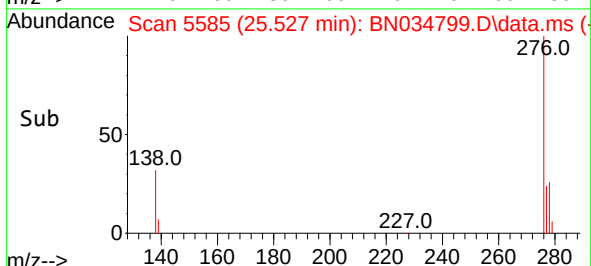
Reviewed By : Yogesh Patel 11/04/2024
Supervised By : mohammad ahmed 11/05/2024

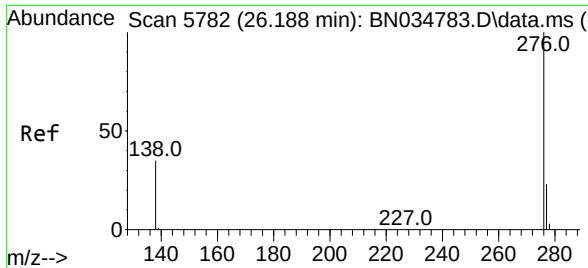


#28
Dibenzo(a,h)anthracene
Concen: 0.122 ng/ul
RT: 25.527 min Scan# 5585
Delta R.T. -0.027 min
Lab File: BN034799.D
Acq: 01 Nov 2024 11:45



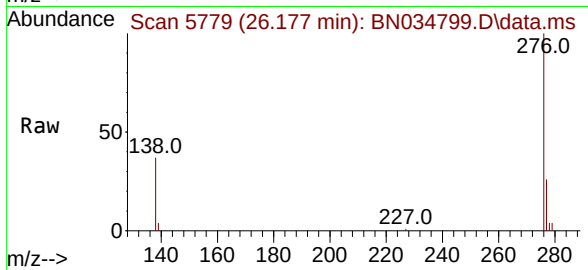
Tgt Ion: 278 Resp: 5755
Ion Ratio Lower Upper
278 100
139 33.6 23.4 35.2
279 32.6 20.6 31.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.307 ng/ul
 RT: 26.177 min Scan# 51
 Delta R.T. -0.017 min
 Lab File: BN034799.D
 Acq: 01 Nov 2024 11:45

Instrument :
 BNA_N
 ClientSampleId :
 F7H14DL



Tgt Ion:276 Resp: 15048
 Ion Ratio Lower Upper
 276 100
 138 37.0 28.8 43.2
 277 25.7 20.2 30.2

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