

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032679.D
 Acq On : 12 Jul 2024 19:12
 Operator : MA/JU
 Sample : P3087-24
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CZ6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 13 00:03:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	4633	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	13624	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.202	164	7136	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.961	188	13538m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.176	240	11619m	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	12352m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	21808	3.920	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.927	152	4960	0.241	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	9109	0.241	ng/ul	-0.03
Target Compounds					Qvalue	
10) Acenaphthylene	13.920	152	1966	0.068	ng/ul#	85
15) Phenanthrene	16.999	178	7677m	0.208	ng/ul	
16) Anthracene	17.092	178	1979m	0.066	ng/ul	
19) Fluoranthene	19.031	202	18581	0.393	ng/ul	98
20) Pyrene	19.394	202	18566	0.380	ng/ul	98
21) Benzo(a)anthracene	21.159	228	9957	0.269	ng/ul#	89
22) Chrysene	21.211	228	9020	0.169	ng/ul#	91
24) Benzo(b)fluoranthene	22.710	252	14362m	0.330	ng/ul	
25) Benzo(k)fluoranthene	22.751	252	5391m	0.102	ng/ul	
26) Benzo(a)pyrene	23.269	252	9986	0.265	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.582	276	7864	0.154	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.576	278	1844	0.047	ng/ul#	1
29) Benzo(g,h,i)perylene	26.256	276	7790	0.183	ng/ul#	82

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

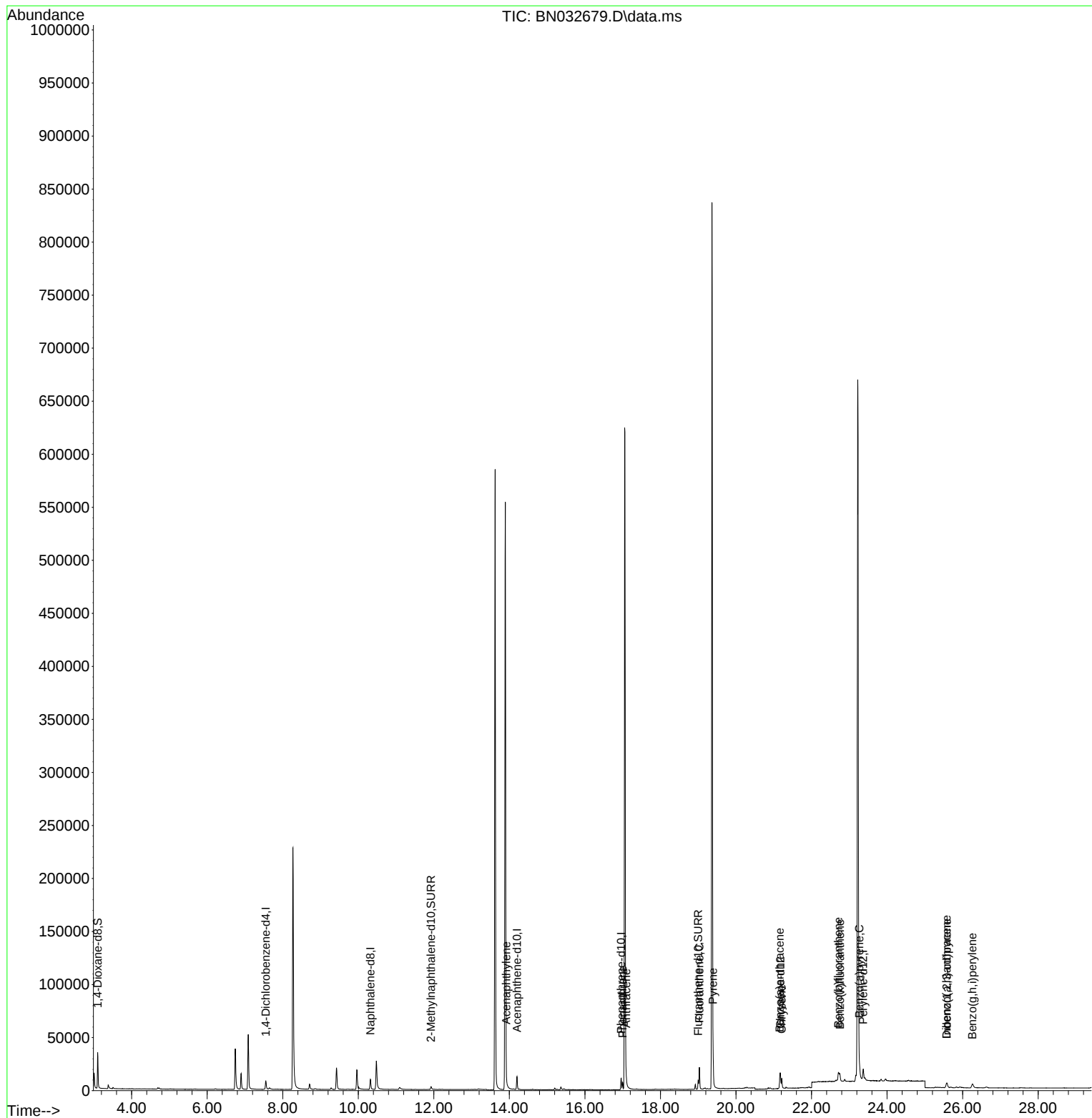
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032679.D
Acq On : 12 Jul 2024 19:12
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ALS Vial : 18 Sample Multiplier: 1

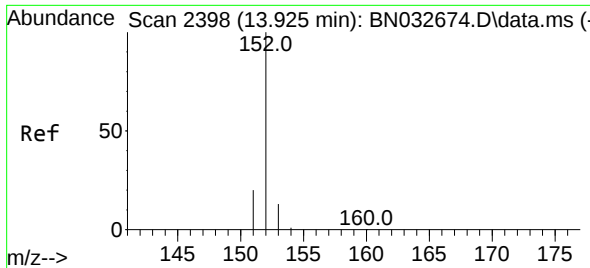
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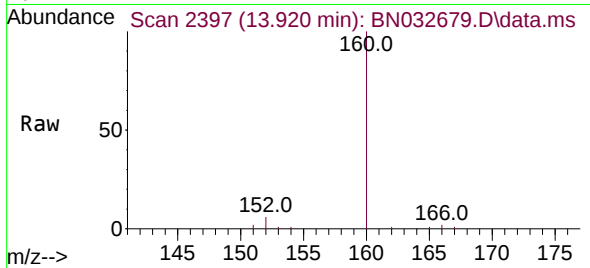
Quant Time: Jul 13 00:03:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
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#10
Acenaphthylene
Concen: 0.068 ng/ul
RT: 13.920 min Scan# 21
Delta R.T. -0.023 min
Lab File: BN032679.D
Acq: 12 Jul 2024 19:12

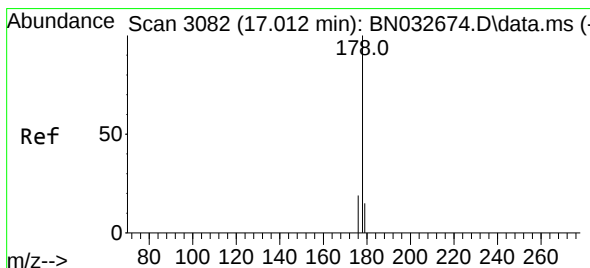
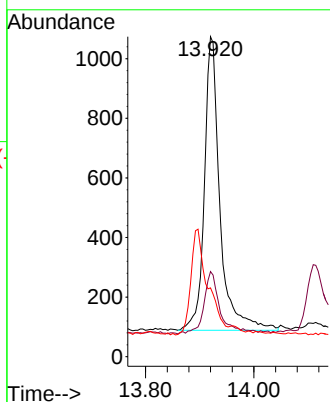
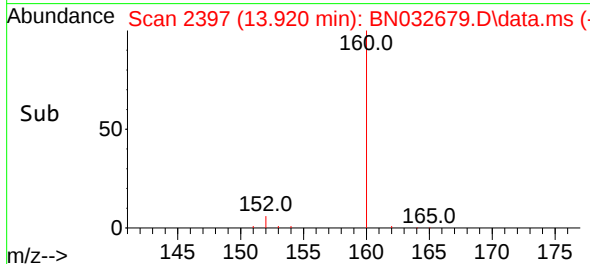
Instrument :
BNA_N
ClientSampleId :
A4CZ6



Tgt Ion:152 Resp: 1960
Ion Ratio Lower Upper
152 100
151 26.6 16.3 24.5
153 21.5 11.3 16.9

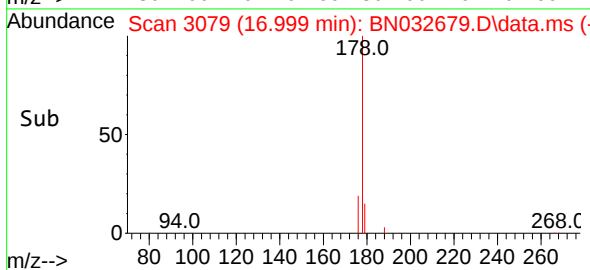
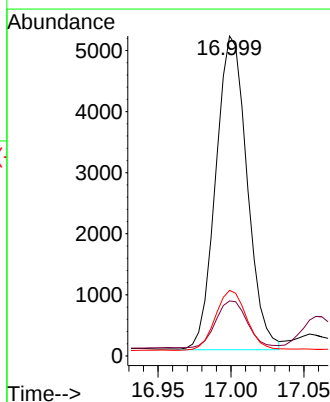
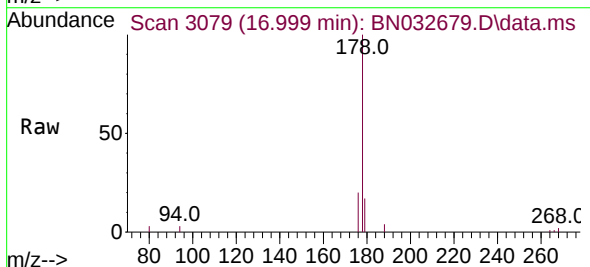
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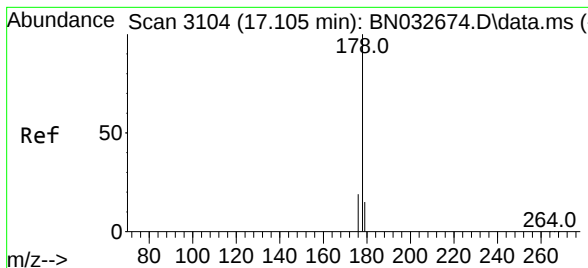
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#15
Phenanthrene
Concen: 0.208 ng/ul m
RT: 16.999 min Scan# 3079
Delta R.T. -0.030 min
Lab File: BN032679.D
Acq: 12 Jul 2024 19:12

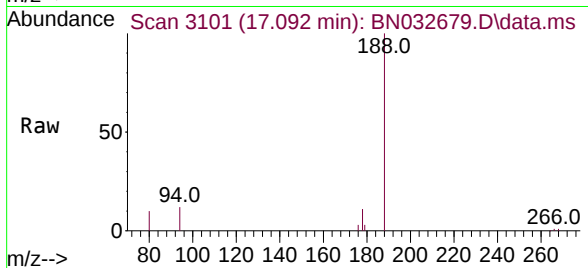
Tgt Ion:178 Resp: 7677
Ion Ratio Lower Upper
178 100
179 17.2 13.0 19.4
176 20.5 15.6 23.4





#16
Anthracene
Concen: 0.066 ng/ul m
RT: 17.092 min Scan# 3101
Delta R.T. -0.047 min
Lab File: BN032679.D
Acq: 12 Jul 2024 19:12

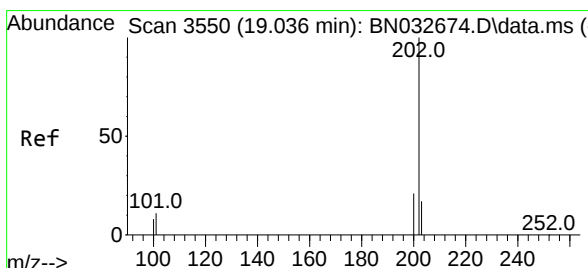
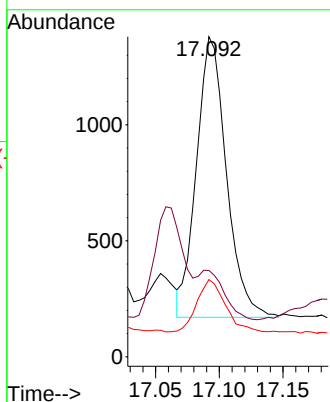
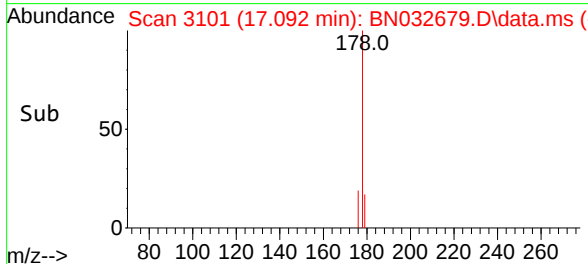
Instrument :
BNA_N
ClientSampleId :
A4CZ6



Tgt Ion:178 Resp: 1979
Ion Ratio Lower Upper
178 100
179 27.0 13.4 20.2
176 24.1 15.4 23.0

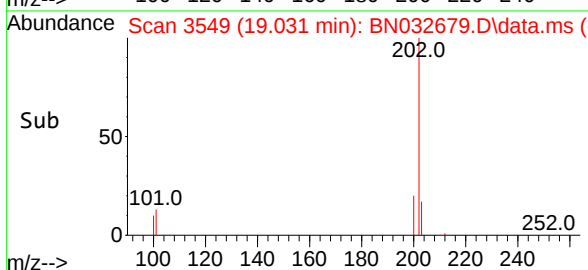
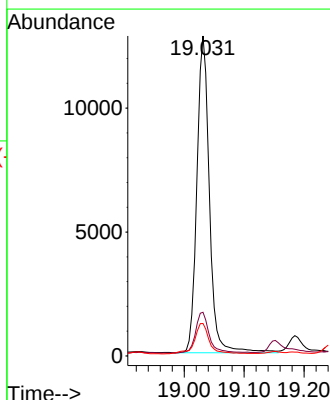
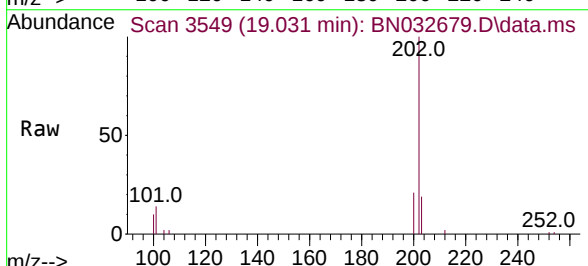
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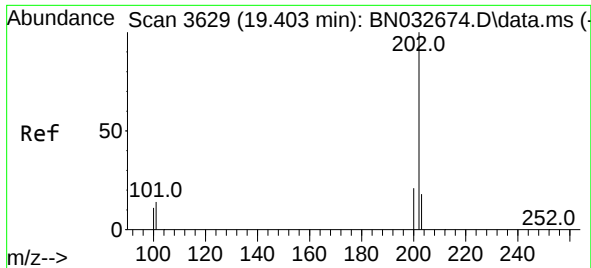
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#19
Fluoranthene
Concen: 0.393 ng/ul
RT: 19.031 min Scan# 3549
Delta R.T. -0.023 min
Lab File: BN032679.D
Acq: 12 Jul 2024 19:12

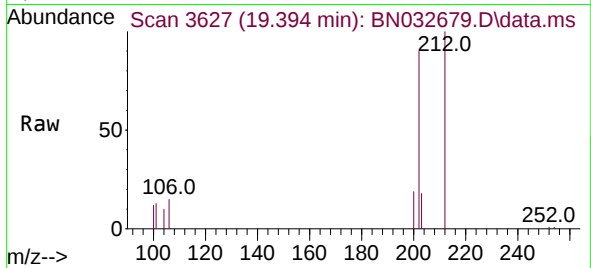
Tgt Ion:202 Resp: 18581
Ion Ratio Lower Upper
202 100
101 13.6 9.8 14.8
100 10.1 7.9 11.9





#20
Pyrene
Concen: 0.380 ng/ul
RT: 19.394 min Scan# 30
Delta R.T. -0.028 min
Lab File: BN032679.D
Acq: 12 Jul 2024 19:12

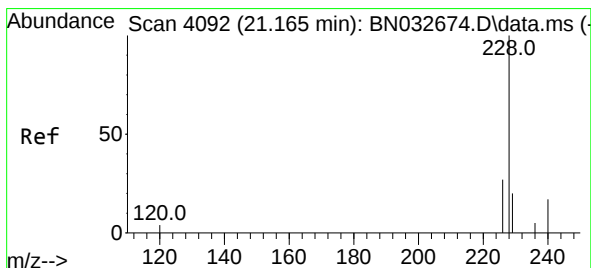
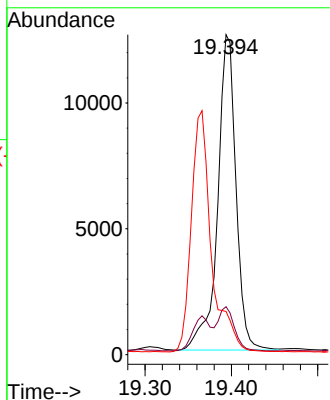
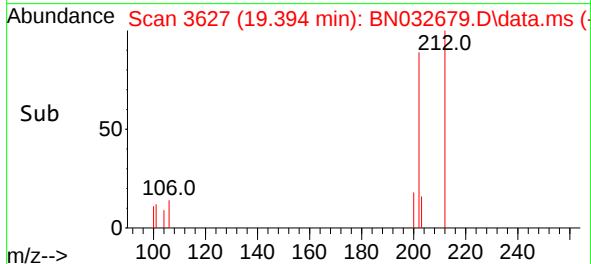
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 1856
Ion Ratio Lower Upper
202 100
101 15.0 11.8 17.6
100 13.5 9.6 14.4

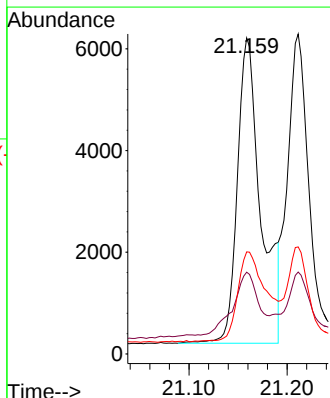
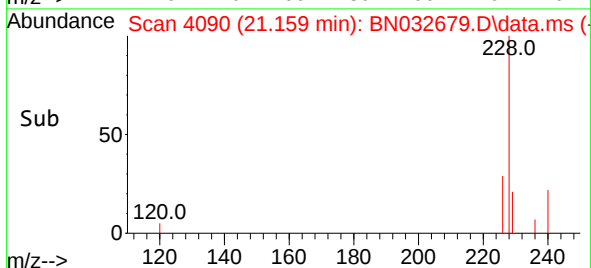
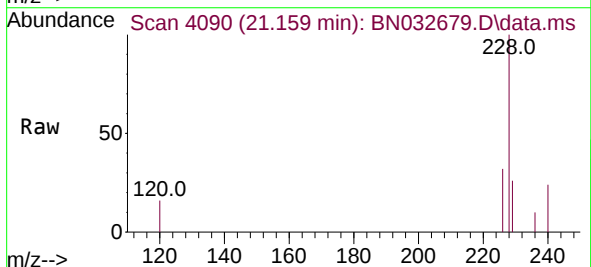
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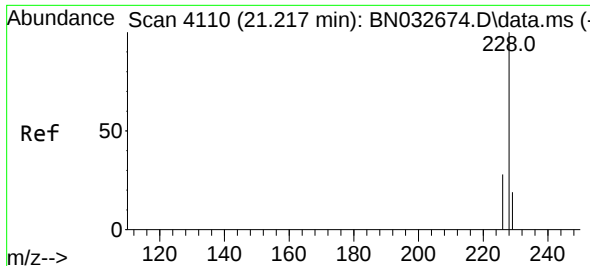
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#21
Benzo(a)anthracene
Concen: 0.269 ng/ul
RT: 21.159 min Scan# 4090
Delta R.T. -0.023 min
Lab File: BN032679.D
Acq: 12 Jul 2024 19:12

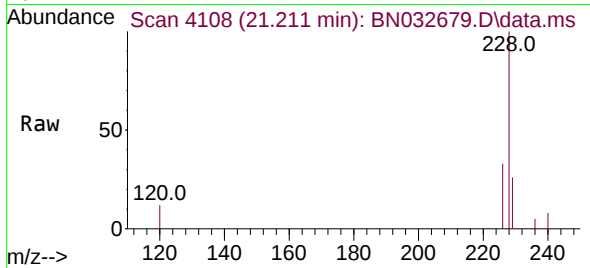
Tgt Ion:228 Resp: 9957
Ion Ratio Lower Upper
228 100
229 25.9 16.1 24.1#
226 32.3 21.9 32.9





#22
Chrysene
Concen: 0.169 ng/ul
RT: 21.211 min Scan# 4110
Delta R.T. -0.021 min
Lab File: BN032679.D
Acq: 12 Jul 2024 19:12

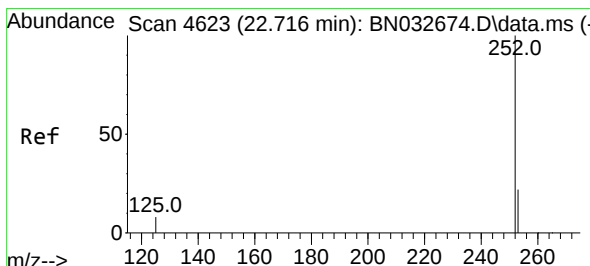
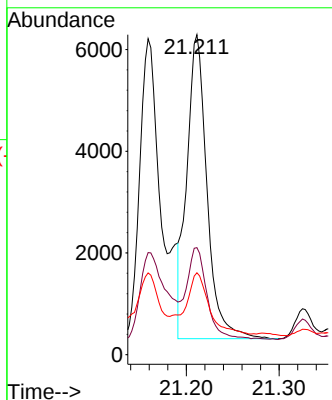
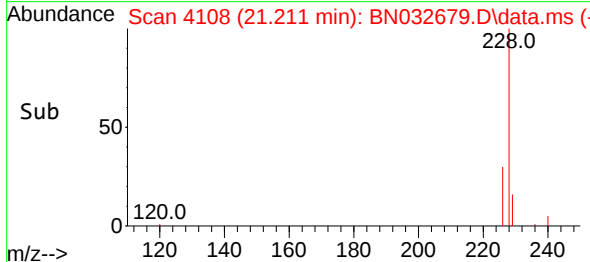
Instrument :
BNA_N
ClientSampleId :
A4CZ6



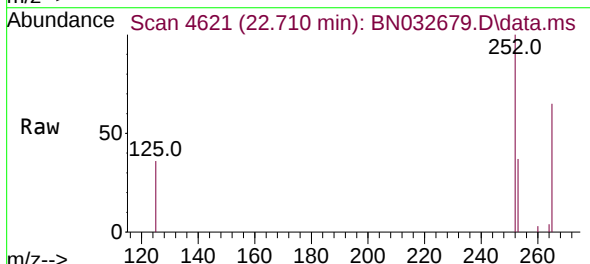
Tgt Ion:228 Resp: 9020
Ion Ratio Lower Upper
228 100
226 33.4 24.0 36.0
229 25.6 15.8 23.6

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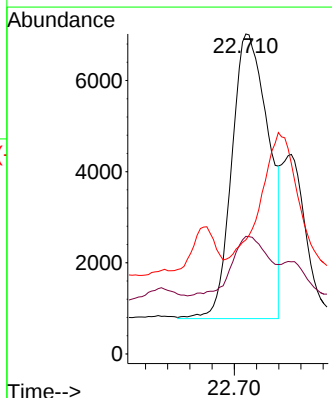
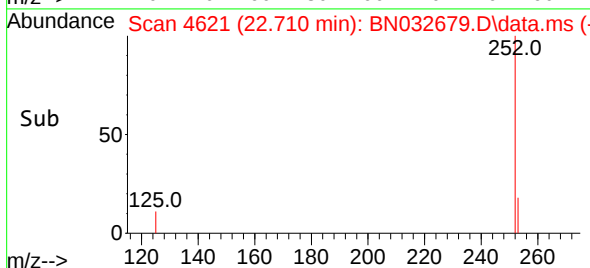
Reviewed By :Yogesh Patel 07/13/2024
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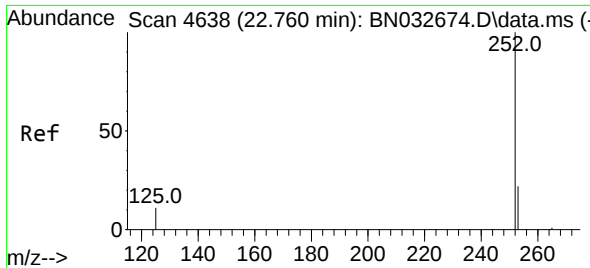


#24
Benzo(b)fluoranthene
Concen: 0.330 ng/ul m
RT: 22.710 min Scan# 4621
Delta R.T. -0.023 min
Lab File: BN032679.D
Acq: 12 Jul 2024 19:12



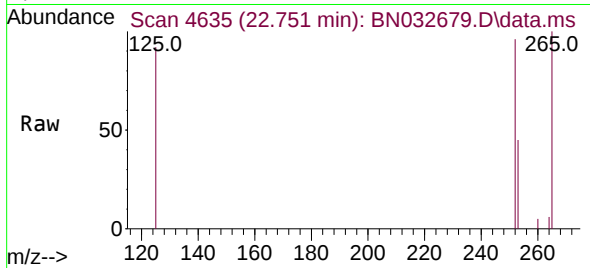
Tgt Ion:252 Resp: 14362
Ion Ratio Lower Upper
252 100
253 36.8 0.0 54.0
125 35.7 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 0.102 ng/ul m
RT: 22.751 min Scan# 4635
Delta R.T. -0.026 min
Lab File: BN032679.D
Acq: 12 Jul 2024 19:12

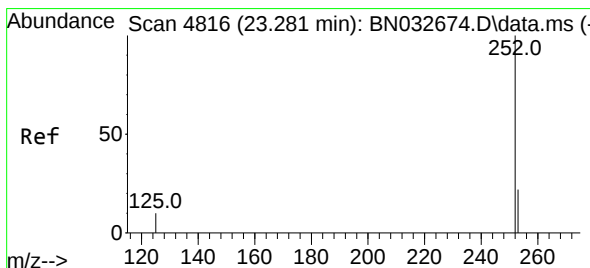
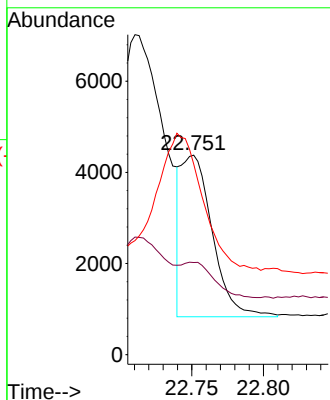
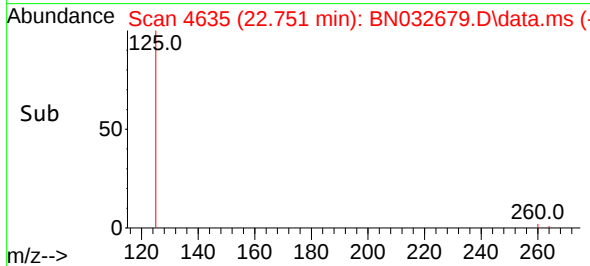
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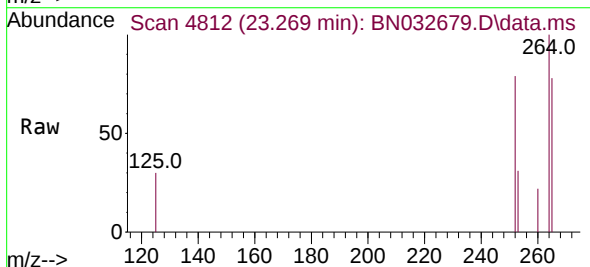
Tgt Ion:252 Resp: 539
Ion Ratio Lower Upper
252 100
253 46.2 21.2 31.8
125 95.5 14.8 22.2

Manual Integrations
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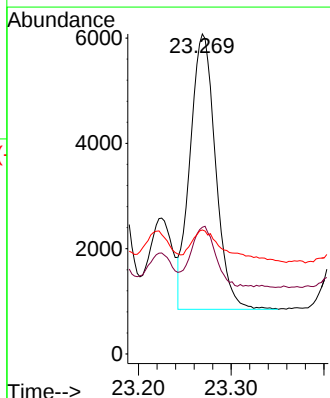
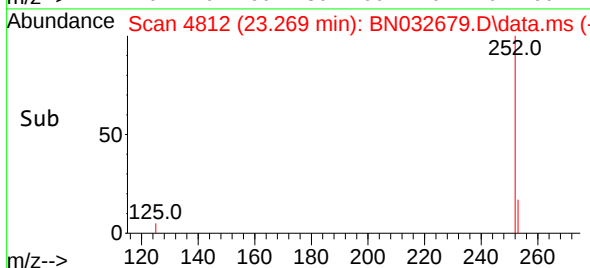
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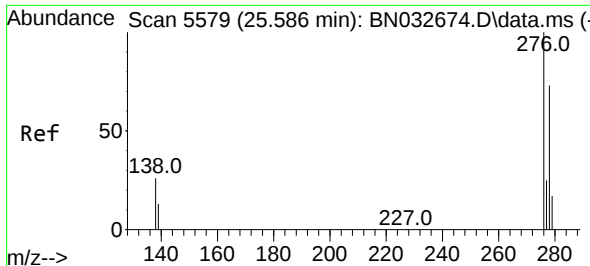


#26
Benzo(a)pyrene
Concen: 0.265 ng/ul
RT: 23.269 min Scan# 4812
Delta R.T. -0.041 min
Lab File: BN032679.D
Acq: 12 Jul 2024 19:12



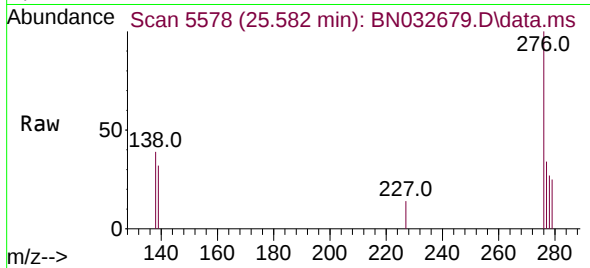
Tgt Ion:252 Resp: 9986
Ion Ratio Lower Upper
252 100
253 39.6 25.4 38.0#
125 38.8 20.6 30.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.154 ng/ul
RT: 25.582 min Scan# 5579
Delta R.T. -0.044 min
Lab File: BN032679.D
Acq: 12 Jul 2024 19:12

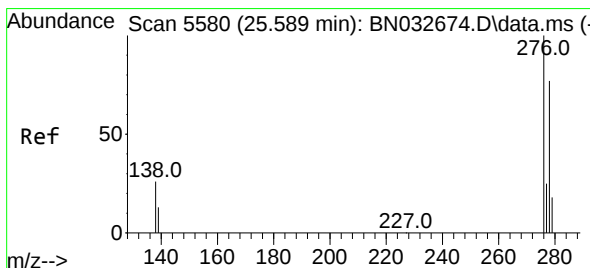
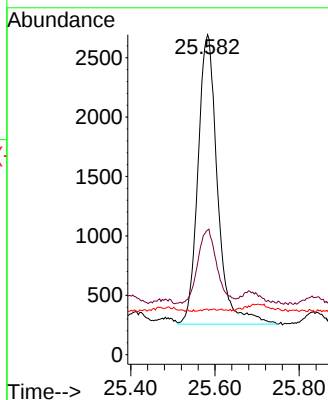
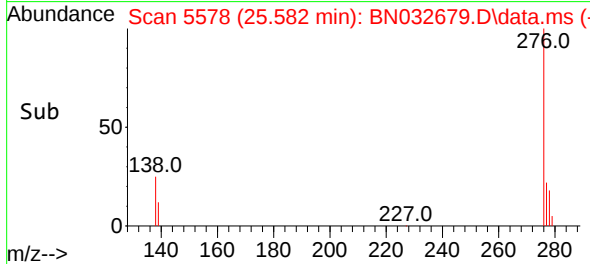
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BNA_N
ClientSampleId :
A4CZ6



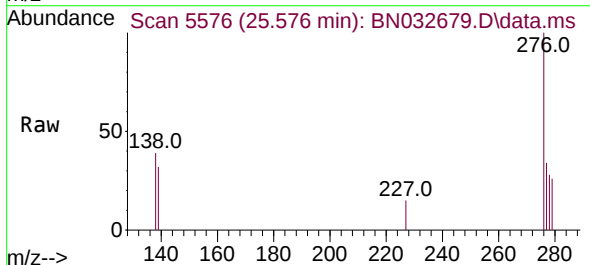
Tgt Ion:276 Resp: 7864
Ion Ratio Lower Upper
276 100
138 24.8 21.6 32.4
227 0.3 0.0 0.0

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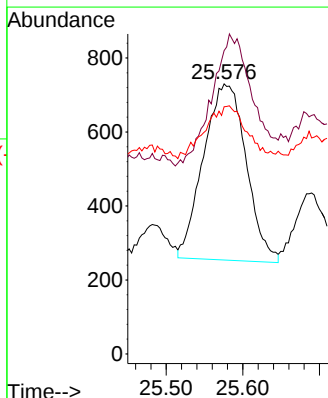
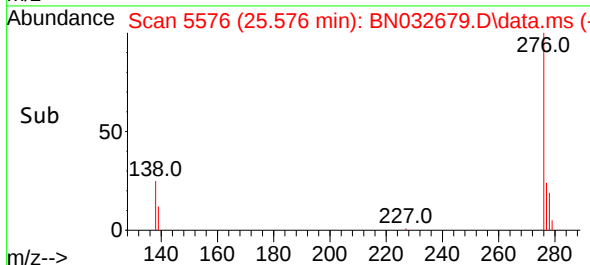
Reviewed By :Yogesh Patel 07/13/2024
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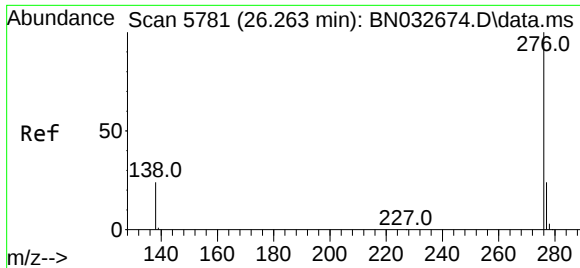


#28
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.576 min Scan# 5576
Delta R.T. -0.064 min
Lab File: BN032679.D
Acq: 12 Jul 2024 19:12



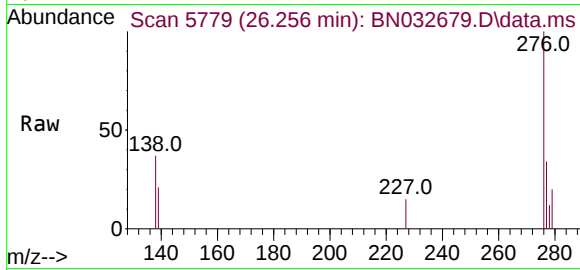
Tgt Ion:278 Resp: 1844
Ion Ratio Lower Upper
278 100
139 112.3 16.6 24.8#
279 91.5 23.7 35.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.183 ng/ul
 RT: 26.256 min Scan# 51
 Delta R.T. -0.044 min
 Lab File: BN032679.D
 Acq: 12 Jul 2024 19:12

Instrument :
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 ClientSampleId :
 A4CZ6



Tgt Ion:276 Resp: 7790

Ion	Ratio	Lower	Upper
276	100		
138	36.8	21.0	31.4
277	33.7	20.6	31.0

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 Supervised By :mohammad ahmed 07/16/2024

