

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032820.D
 Acq On : 18 Jul 2024 16:49
 Operator : MA/JU
 Sample : P3100-14DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BY0DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 18:43:27 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 : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.536	152	4115	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.315	136	12592	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.187	164	6680	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.951	188	11876	0.400	ng/ul	-0.01
17) Chrysene-d12	21.169	240	10971	0.400	ng/ul	0.00
23) Perylene-d12	23.361	264	12622m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	3431	0.694	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	778	0.041	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	1515	0.042	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.909	152	666	0.025	ng/ul#	47
15) Phenanthrene	16.989	178	4959	0.153	ng/ul#	93
16) Anthracene	17.086	178	1184	0.045	ng/ul#	62
19) Fluoranthene	19.025	202	10992	0.246	ng/ul	98
20) Pyrene	19.388	202	9167	0.199	ng/ul	99
21) Benzo(a)anthracene	21.152	228	6456	0.185	ng/ul#	72
22) Chrysene	21.204	228	4994	0.099	ng/ul#	79
24) Benzo(b)fluoranthene	22.706	252	8488m	0.191	ng/ul	
25) Benzo(k)fluoranthene	22.744	252	3673m	0.068	ng/ul	
26) Benzo(a)pyrene	23.265	252	3563	0.092	ng/ul#	38
27) Indeno(1,2,3-cd)pyrene	25.574	276	3247	0.062	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.571	278	1247	0.031	ng/ul#	1

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

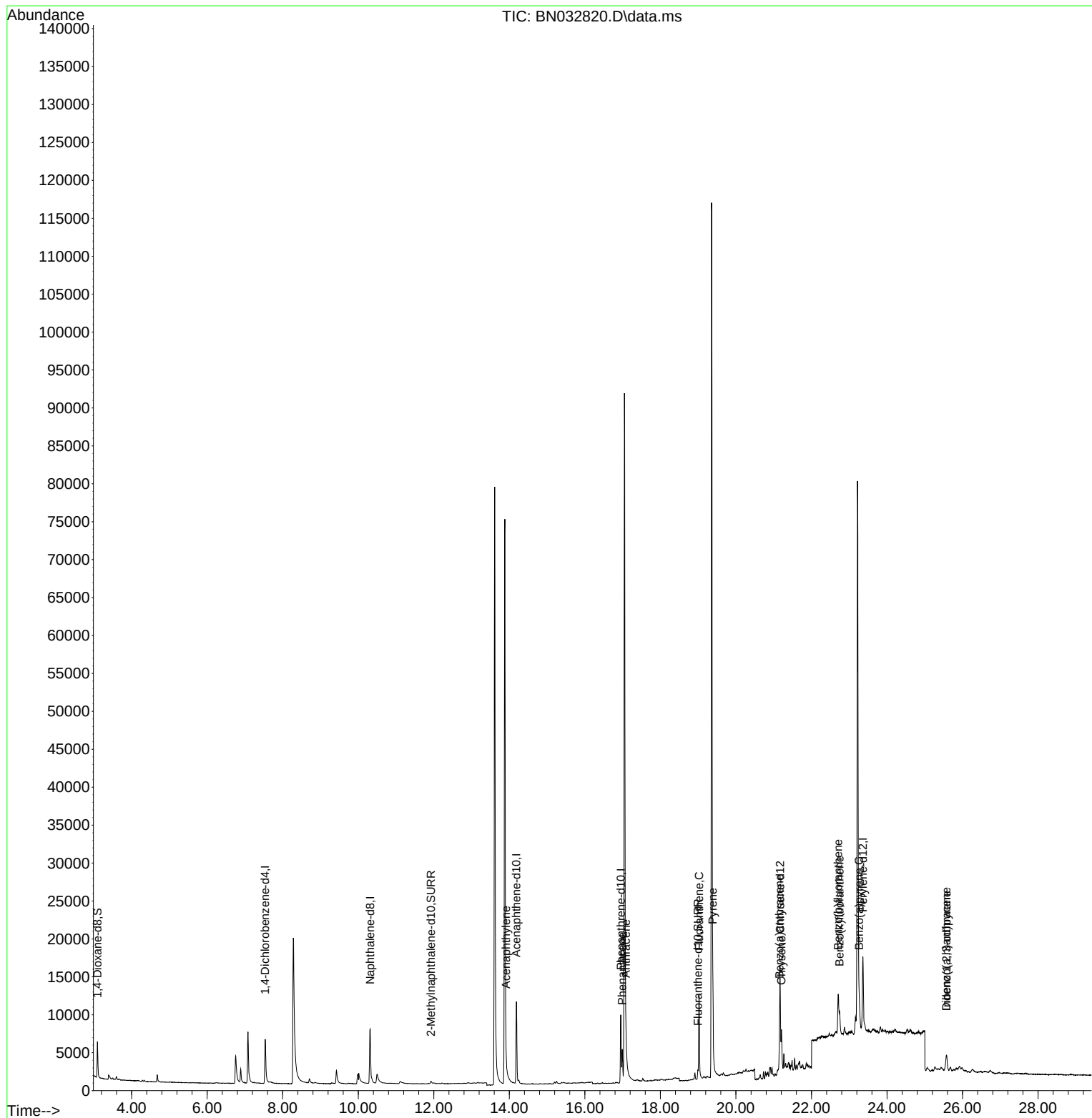
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032820.D
Acq On : 18 Jul 2024 16:49
Operator : MA/JU
Sample : P3100-14DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

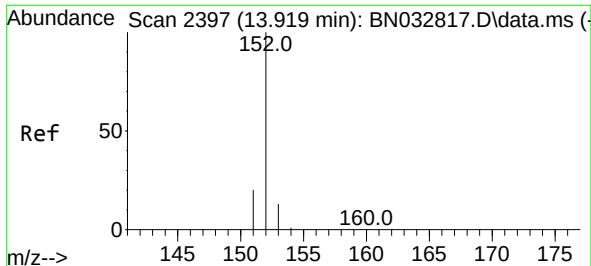
Instrument :
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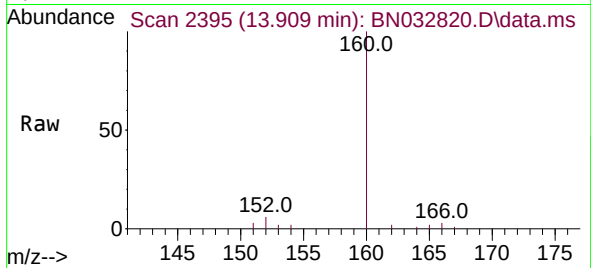
Quant Time: Jul 18 18:43:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
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#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 13.909 min Scan# 21
Delta R.T. -0.011 min
Lab File: BN032820.D
Acq: 18 Jul 2024 16:49

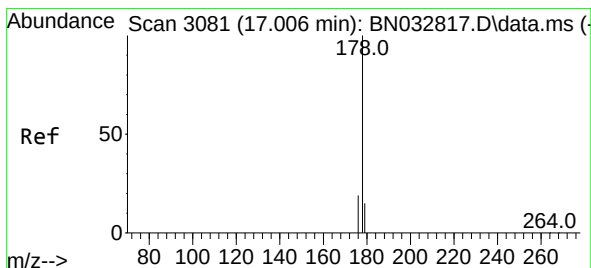
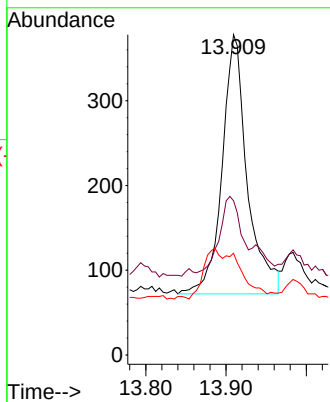
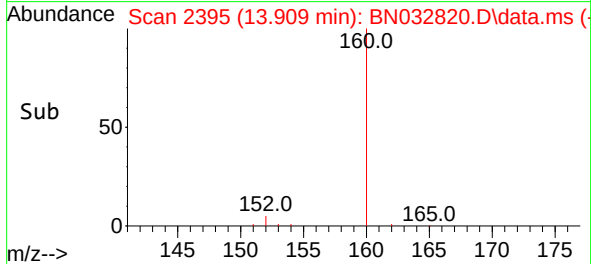
Instrument :
BNA_N
ClientSampleId :
A4BY0DL



Tgt Ion:152 Resp: 660
Ion Ratio Lower Upper
152 100
151 48.1 16.3 24.5
153 31.7 11.3 16.9

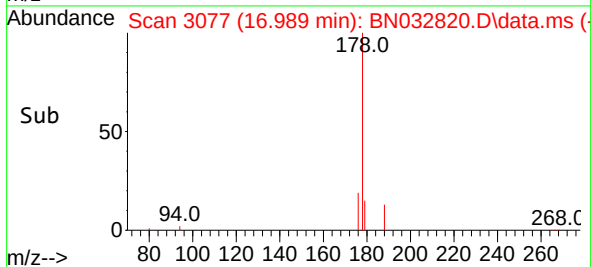
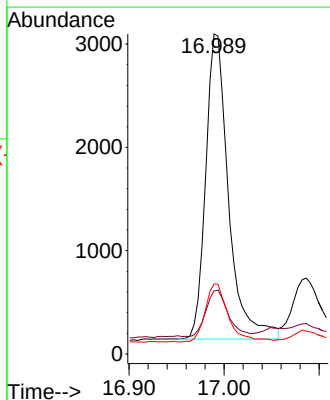
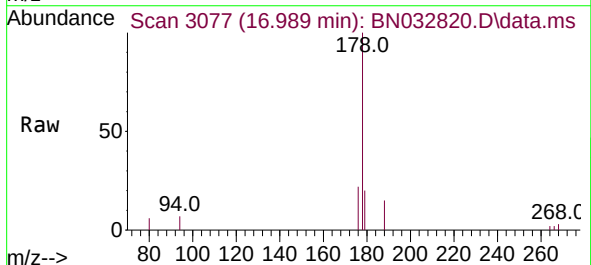
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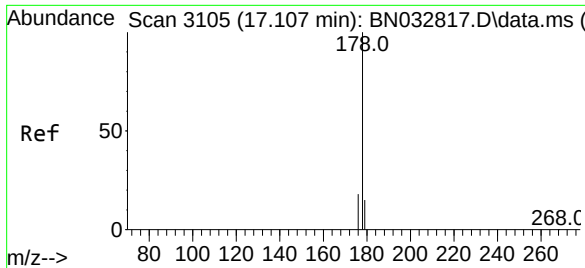
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#15
Phenanthrene
Concen: 0.153 ng/ul
RT: 16.989 min Scan# 3077
Delta R.T. -0.018 min
Lab File: BN032820.D
Acq: 18 Jul 2024 16:49

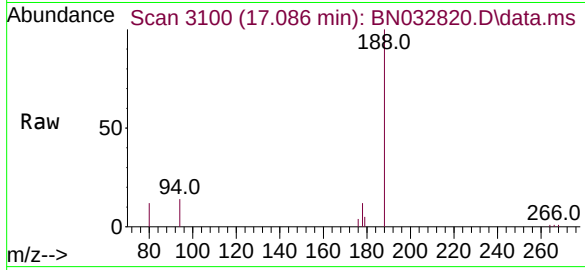
Tgt Ion:178 Resp: 4959
Ion Ratio Lower Upper
178 100
179 19.6 13.0 19.4
176 21.9 15.6 23.4





#16
 Anthracene
 Concen: 0.045 ng/ul
 RT: 17.086 min Scan# 3105
 Delta R.T. -0.018 min
 Lab File: BN032820.D
 Acq: 18 Jul 2024 16:49

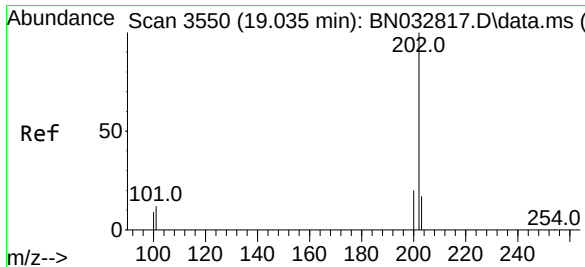
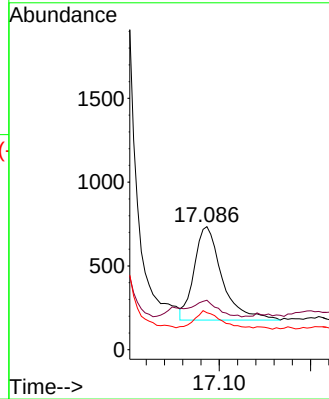
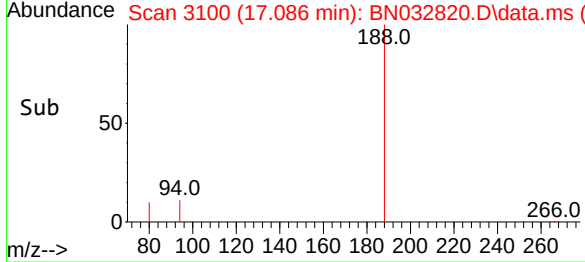
Instrument :
 BNA_N
 ClientSampleId :
 A4BY0DL



Tgt Ion:178 Resp: 1184
 Ion Ratio Lower Upper
 178 100
 179 40.1 13.4 20.2
 176 30.1 15.4 23.0

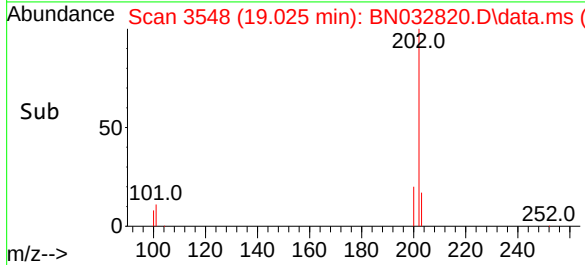
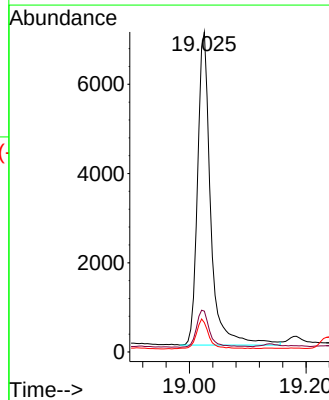
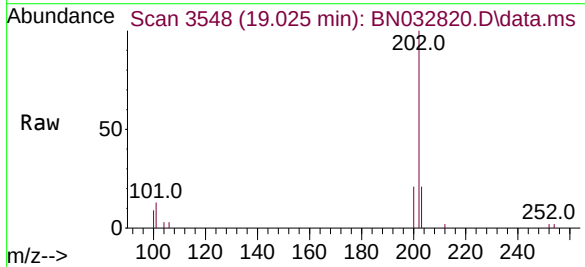
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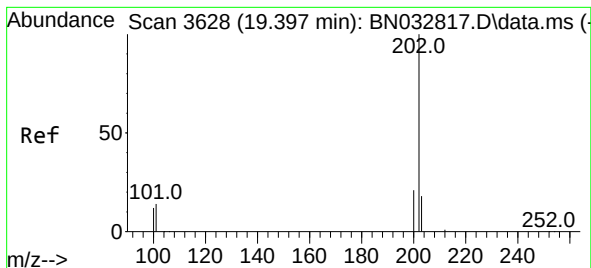
Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/19/2024



#19
 Fluoranthene
 Concen: 0.246 ng/ul
 RT: 19.025 min Scan# 3548
 Delta R.T. -0.006 min
 Lab File: BN032820.D
 Acq: 18 Jul 2024 16:49

Tgt Ion:202 Resp: 10992
 Ion Ratio Lower Upper
 202 100
 101 12.7 9.8 14.8
 100 9.2 7.9 11.9





#20

Pyrene

Concen: 0.199 ng/ul

RT: 19.388 min Scan# 30

Delta R.T. -0.011 min

Lab File: BN032820.D

Acq: 18 Jul 2024 16:49

Instrument :

BNA_N

ClientSampleId :

A4BY0DL

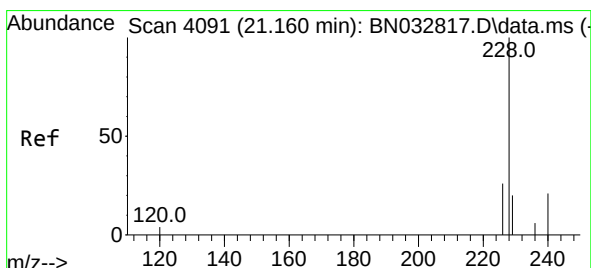
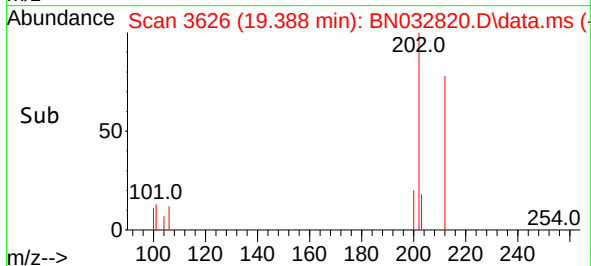
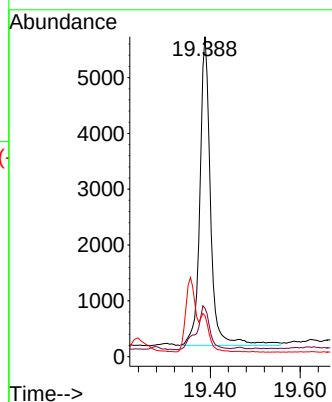
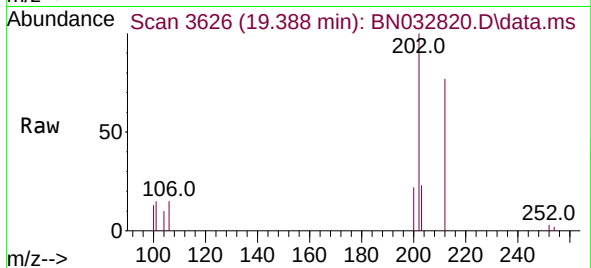
Tgt Ion:	202	Resp:	916
Ion Ratio	Lower	Upper	
202	100		
101	15.1	11.8	17.6
100	12.8	9.6	14.4

Manual Integrations

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Supervised By :mohammad ahmed 07/19/2024



#21

Benzo(a)anthracene

Concen: 0.185 ng/ul

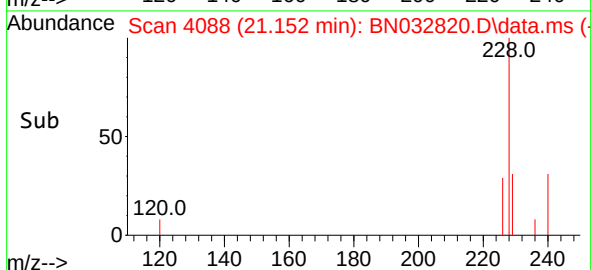
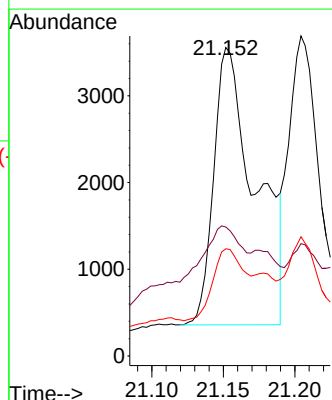
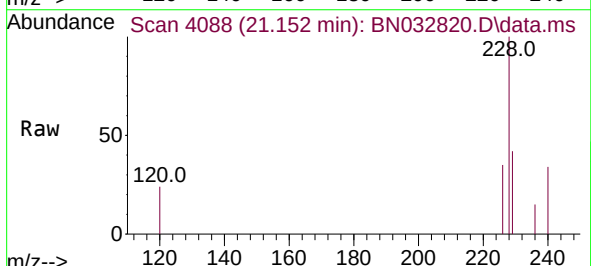
RT: 21.152 min Scan# 4088

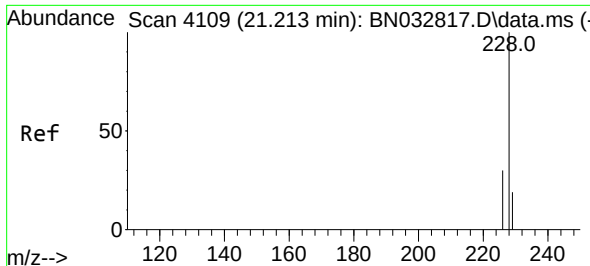
Delta R.T. -0.007 min

Lab File: BN032820.D

Acq: 18 Jul 2024 16:49

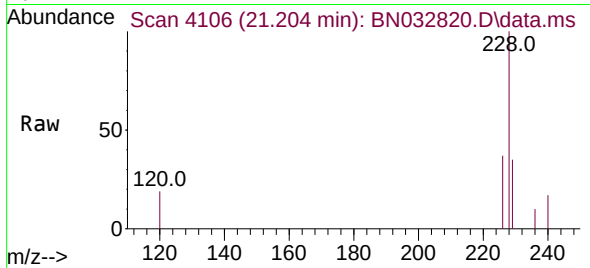
Tgt Ion:	228	Resp:	6456
Ion Ratio	Lower	Upper	
228	100		
229	41.8	16.1	24.1#
226	34.7	21.9	32.9#





#22
Chrysene
Concen: 0.099 ng/ul
RT: 21.204 min Scan# 4106
Delta R.T. -0.007 min
Lab File: BN032820.D
Acq: 18 Jul 2024 16:49

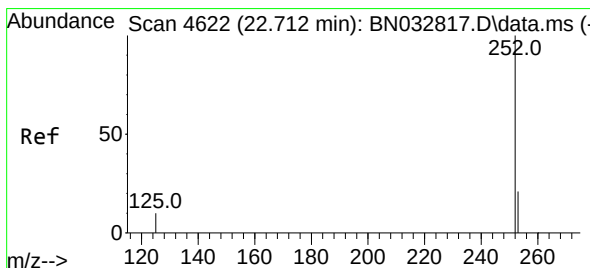
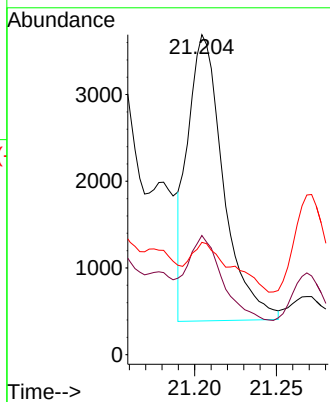
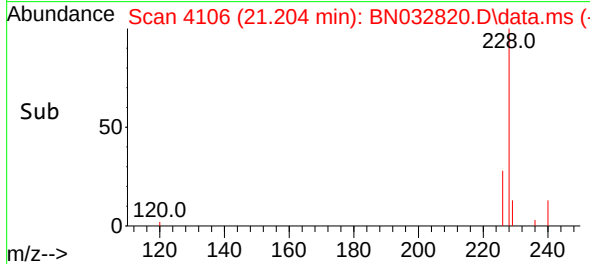
Instrument :
BNA_N
ClientSampleId :
A4BY0DL



Tgt Ion:228 Resp: 4994
Ion Ratio Lower Upper
228 100
226 37.3 24.0 36.0
229 35.1 15.8 23.6

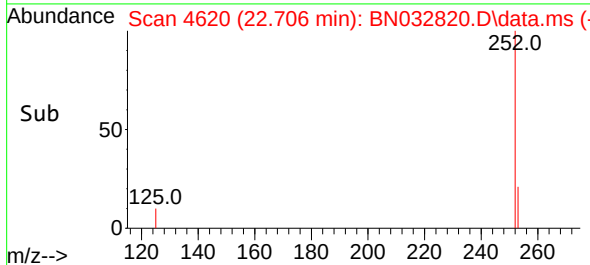
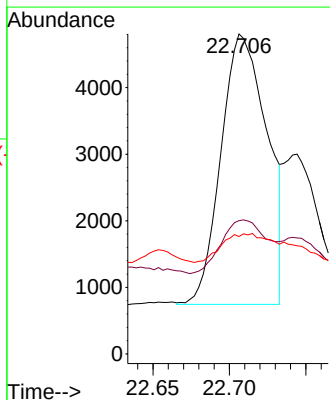
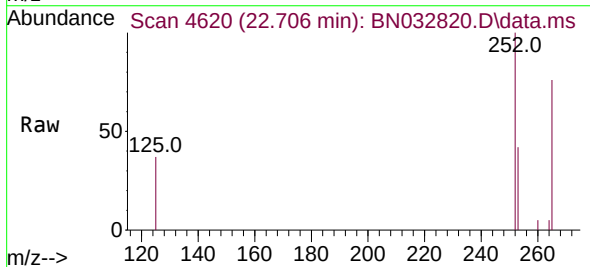
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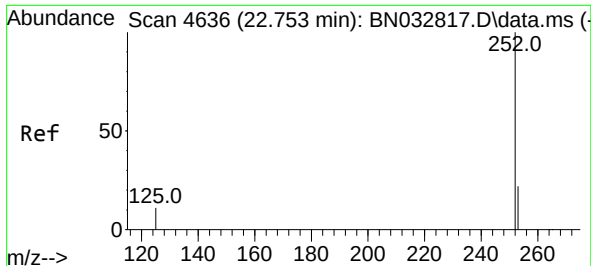
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#24
Benzo(b)fluoranthene
Concen: 0.191 ng/ul m
RT: 22.706 min Scan# 4620
Delta R.T. -0.004 min
Lab File: BN032820.D
Acq: 18 Jul 2024 16:49

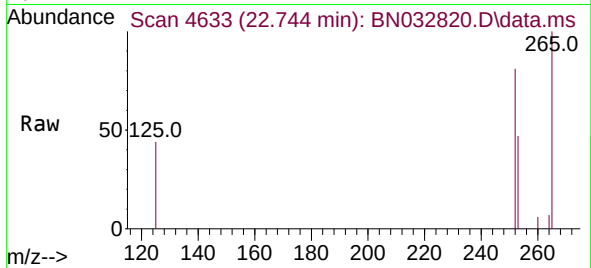
Tgt Ion:252 Resp: 8488
Ion Ratio Lower Upper
252 100
253 41.7 0.0 54.0
125 36.7 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 0.068 ng/ul m
RT: 22.744 min Scan# 4633
Delta R.T. -0.010 min
Lab File: BN032820.D
Acq: 18 Jul 2024 16:49

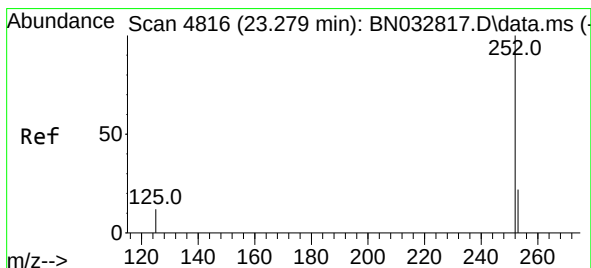
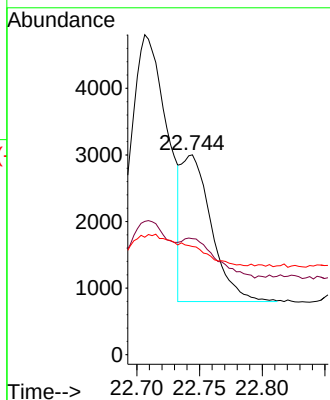
Instrument :
BNA_N
ClientSampleId :
A4BY0DL



Tgt Ion:252 Resp: 367
Ion Ratio Lower Upper
252 100
253 58.1 21.2 31.8
125 54.1 14.8 22.2

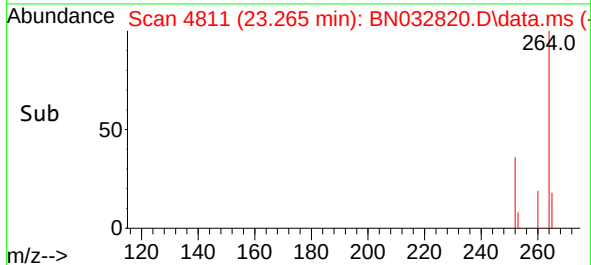
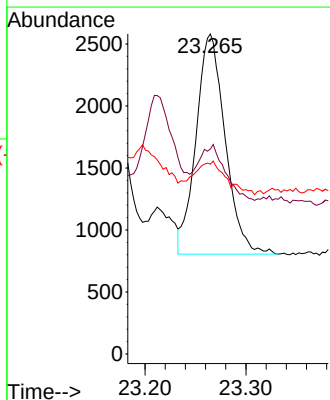
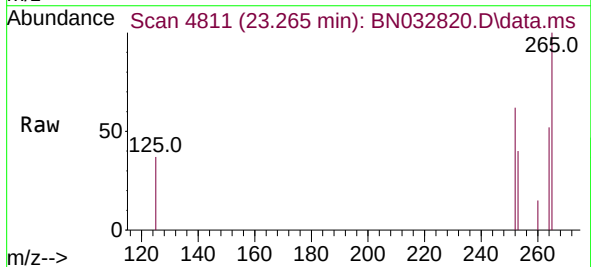
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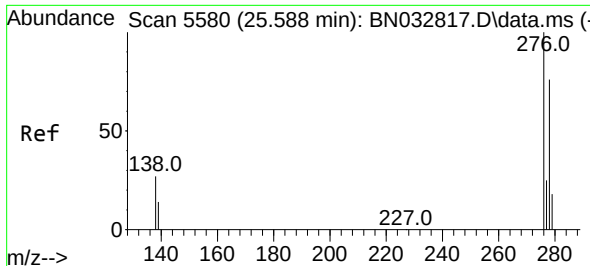
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#26
Benzo(a)pyrene
Concen: 0.092 ng/ul
RT: 23.265 min Scan# 4811
Delta R.T. -0.013 min
Lab File: BN032820.D
Acq: 18 Jul 2024 16:49

Tgt Ion:252 Resp: 3563
Ion Ratio Lower Upper
252 100
253 64.0 25.4 38.0#
125 59.3 20.6 30.8#





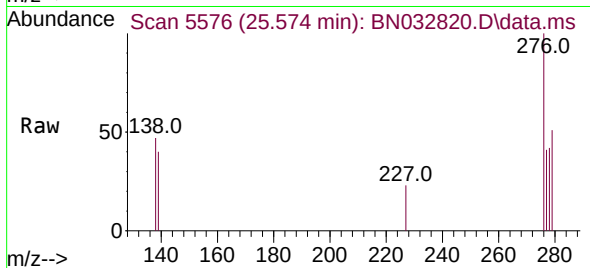
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.062 ng/ul
RT: 25.574 min Scan# 5576
Delta R.T. -0.008 min
Lab File: BN032820.D
Acq: 18 Jul 2024 16:49

Instrument :

BNA_N

ClientSampleId :

A4BY0DL



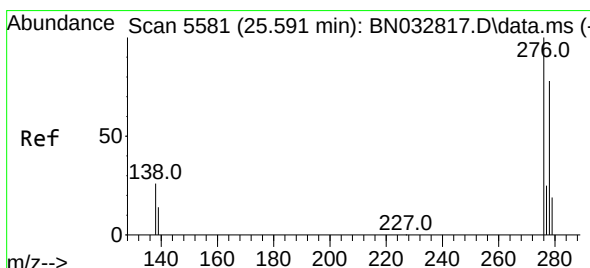
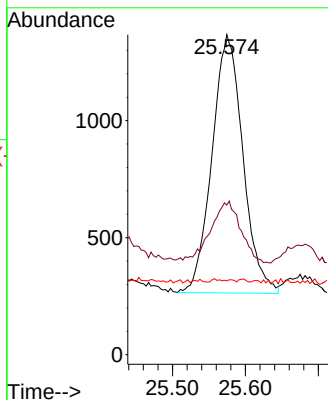
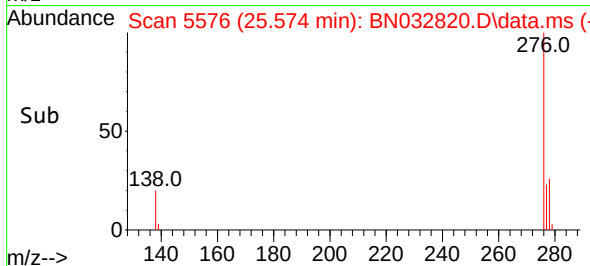
Tgt Ion:276 Resp: 324
Ion Ratio Lower Upper
276 100
138 23.7 21.6 32.4
227 0.0 0.0 0.0

Manual Integrations

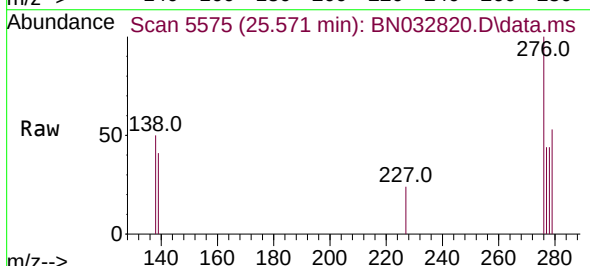
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Reviewed By :Yogesh Patel 07/19/2024

Supervised By :mohammad ahmed 07/19/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.031 ng/ul
RT: 25.571 min Scan# 5575
Delta R.T. -0.018 min
Lab File: BN032820.D
Acq: 18 Jul 2024 16:49



Tgt Ion:278 Resp: 1247
Ion Ratio Lower Upper
278 100
139 94.1 16.6 24.8#
279 121.1 23.7 35.5#

