

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
 Data File : BN032917.D
 Acq On : 23 Jul 2024 18:55
 Operator : MA/JU
 Sample : P3238-05DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BE8DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024

Quant Time: Jul 24 01:11:02 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 : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	5247	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.298	136	18247	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.173	164	10968	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.939	188	18318	0.400	ng/ul	-0.02
17) Chrysene-d12	21.163	240	12724	0.400	ng/ul	0.00
23) Perylene-d12	23.350	264	14430m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	3177	0.504	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	1040	0.038	ng/ul	-0.01
18) Fluoranthene-d10	18.984	212	1773	0.043	ng/ul	-0.01
Target Compounds						
					Qvalue	
11) Acenaphthene	14.238	153	795	0.022	ng/ul	97
15) Phenanthrene	16.981	178	8531	0.171	ng/ul	98
16) Anthracene	17.074	178	2058	0.050	ng/ul#	82
19) Fluoranthene	19.012	202	11498	0.222	ng/ul	97
20) Pyrene	19.374	202	9985	0.186	ng/ul#	93
21) Benzo(a)anthracene	21.149	228	4826	0.119	ng/ul#	87
22) Chrysene	21.199	228	4359	0.074	ng/ul#	89
24) Benzo(b)fluoranthene	22.695	252	6085m	0.120	ng/ul	
25) Benzo(k)fluoranthene	22.733	252	2402m	0.039	ng/ul	
26) Benzo(a)pyrene	23.253	252	4346	0.099	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	25.578	276	3198	0.054	ng/ul#	89
29) Benzo(g,h,i)perylene	26.252	276	3143	0.063	ng/ul#	66

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

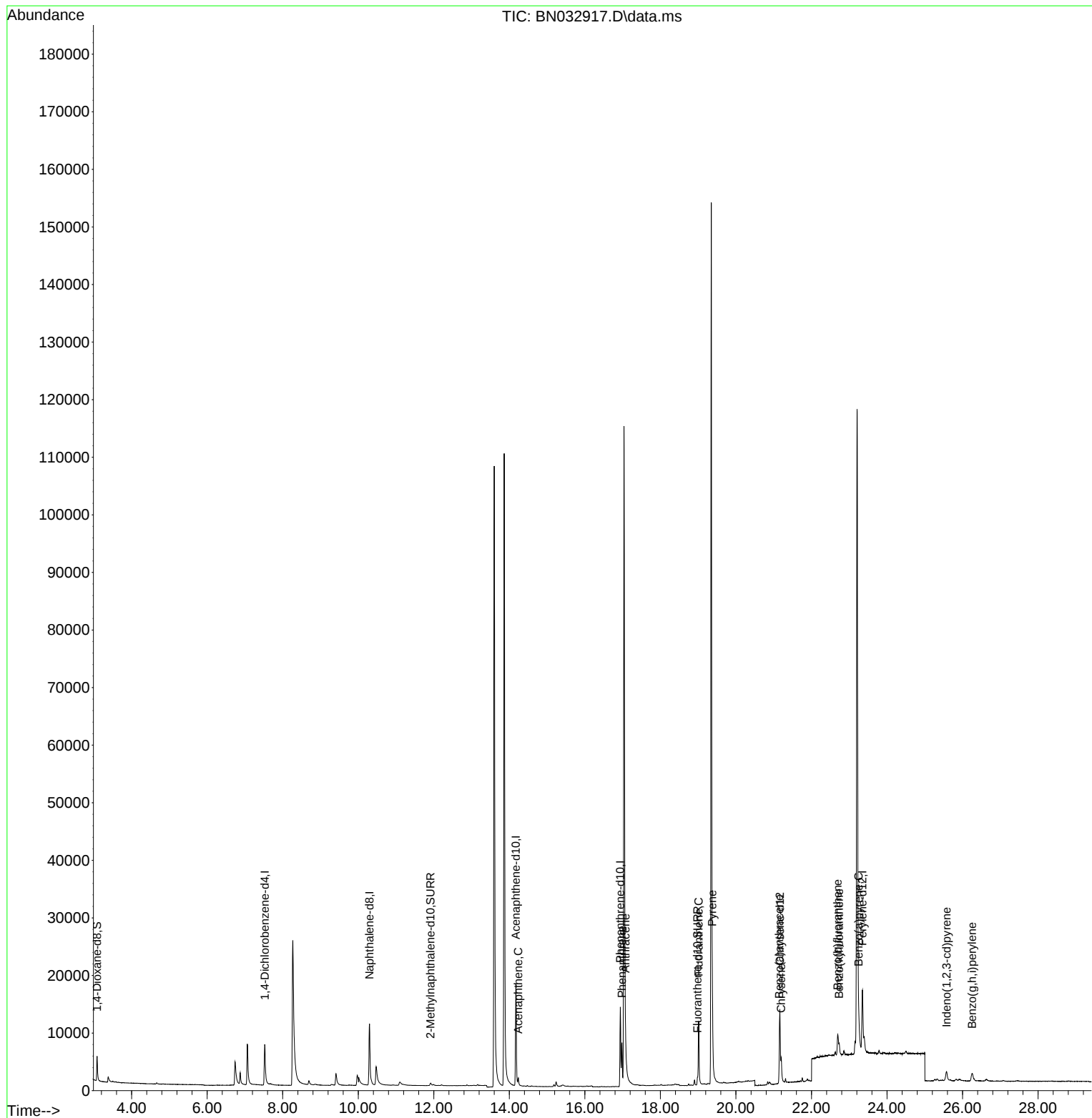
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072324\
Data File : BN032917.D
Acq On : 23 Jul 2024 18:55
Operator : MA/JU
Sample : P3238-05DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

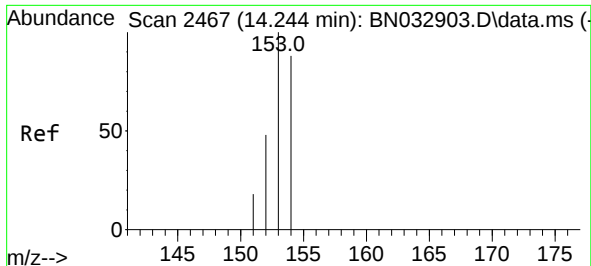
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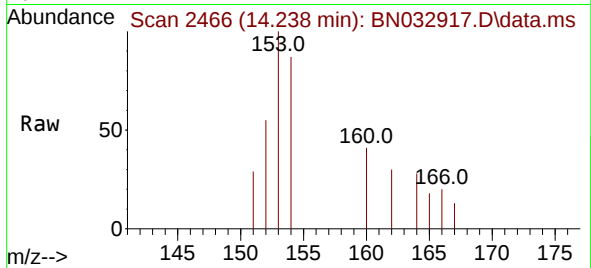
Quant Time: Jul 24 01:11:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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#11
Acenaphthene
Concen: 0.022 ng/u1
RT: 14.238 min Scan# 2466
Delta R.T. -0.014 min
Lab File: BN032917.D
Acq: 23 Jul 2024 18:55

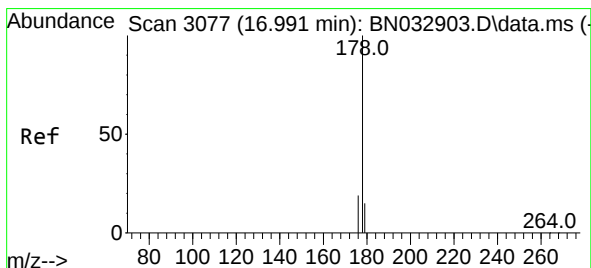
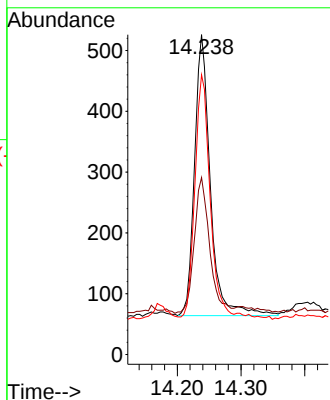
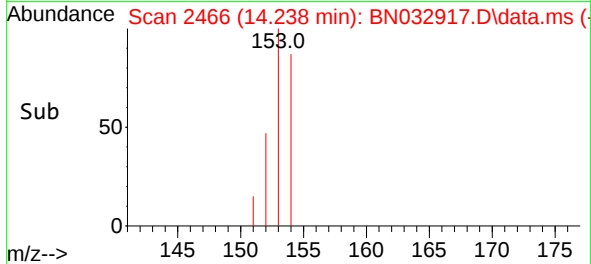
Instrument :
BNA_N
ClientSampleId :
A4BE8DL



Tgt Ion:153 Resp: 799
Ion Ratio Lower Upper
153 100
152 55.3 40.0 60.0
154 87.5 70.2 105.4

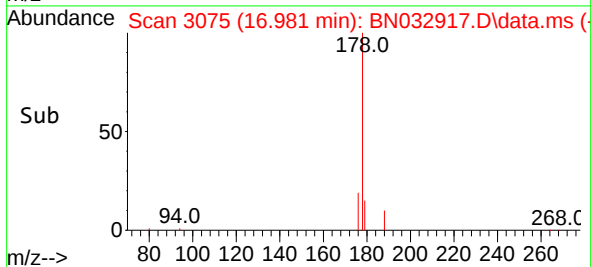
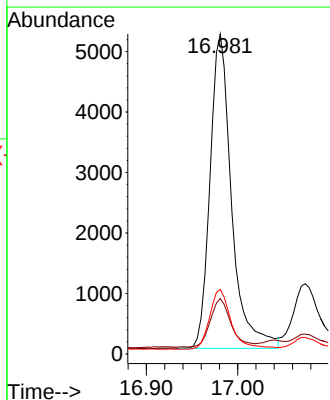
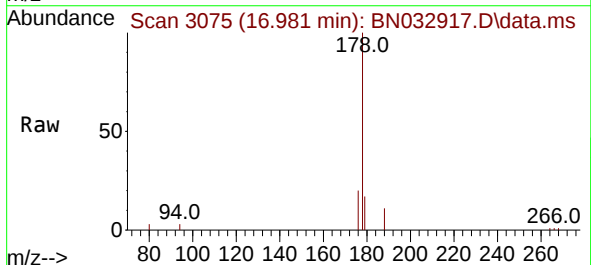
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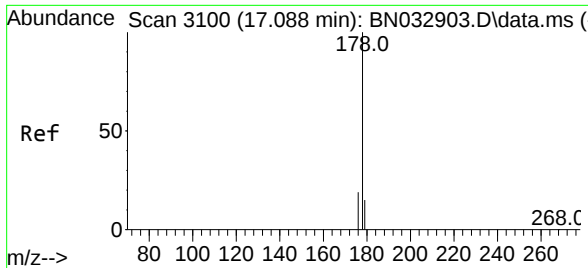
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#15
Phenanthrene
Concen: 0.171 ng/u1
RT: 16.981 min Scan# 3075
Delta R.T. -0.021 min
Lab File: BN032917.D
Acq: 23 Jul 2024 18:55

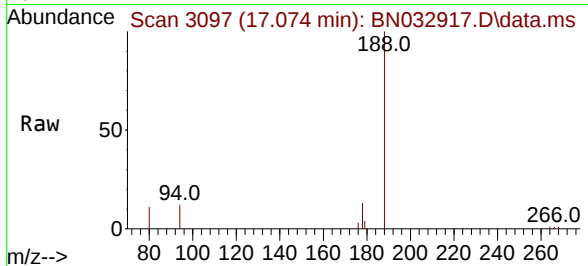
Tgt Ion:178 Resp: 8531
Ion Ratio Lower Upper
178 100
179 17.3 13.0 19.4
176 20.1 15.6 23.4





#16
 Anthracene
 Concen: 0.050 ng/u1
 RT: 17.074 min Scan# 3097
 Delta R.T. -0.025 min
 Lab File: BN032917.D
 Acq: 23 Jul 2024 18:55

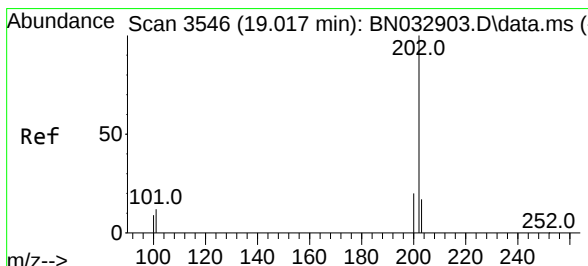
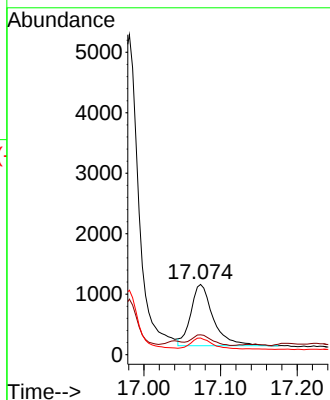
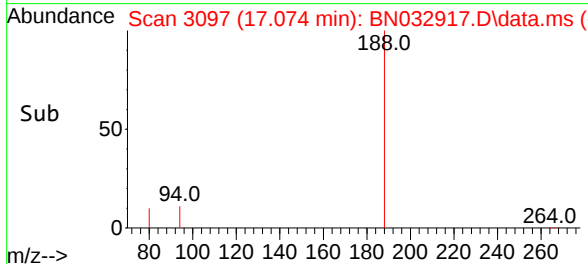
Instrument :
 BNA_N
 ClientSampleId :
 A4BE8DL



Tgt Ion:178 Resp: 2058
 Ion Ratio Lower Upper
 178 100
 179 28.3 13.4 20.2
 176 23.8 15.4 23.0

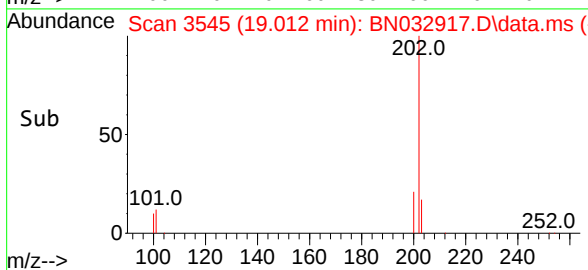
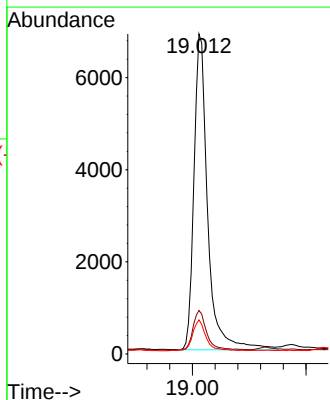
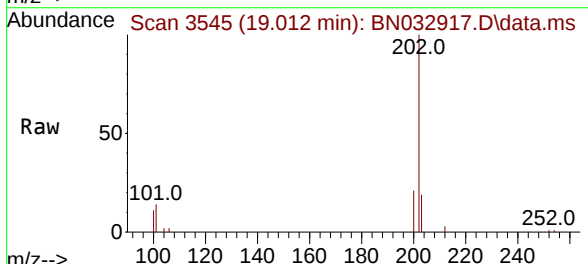
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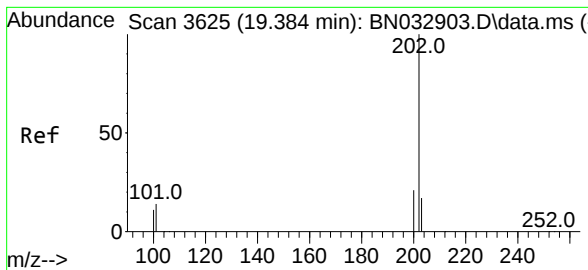
Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/26/2024



#19
 Fluoranthene
 Concen: 0.222 ng/u1
 RT: 19.012 min Scan# 3545
 Delta R.T. -0.014 min
 Lab File: BN032917.D
 Acq: 23 Jul 2024 18:55

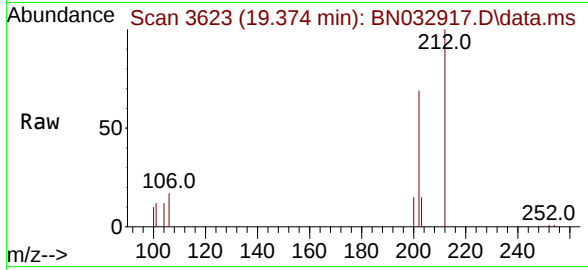
Tgt Ion:202 Resp: 11498
 Ion Ratio Lower Upper
 202 100
 101 13.6 9.8 14.8
 100 10.6 7.9 11.9





#20
Pyrene
Concen: 0.186 ng/ul
RT: 19.374 min Scan# 30
Delta R.T. -0.018 min
Lab File: BN032917.D
Acq: 23 Jul 2024 18:55

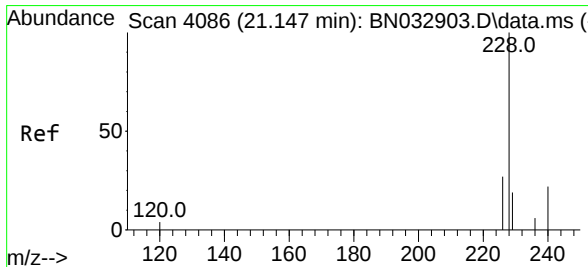
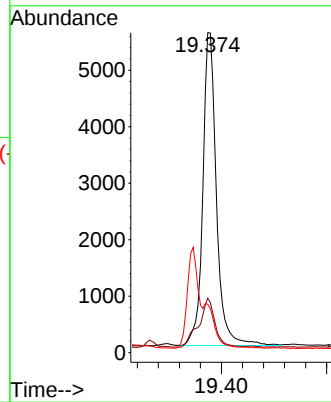
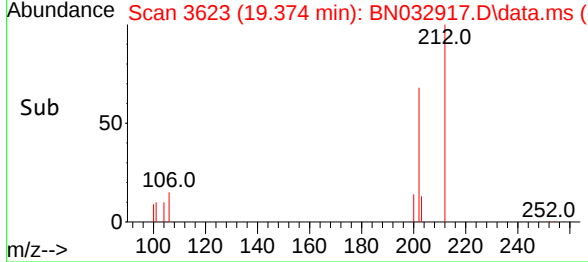
Instrument :
BNA_N
ClientSampleId :
A4BE8DL



Tgt Ion:202 Resp: 998
Ion Ratio Lower Upper
202 100
101 17.1 11.8 17.6
100 15.1 9.6 14.4

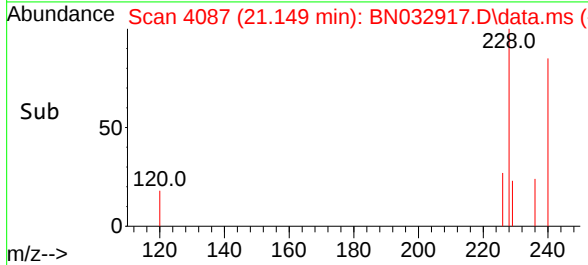
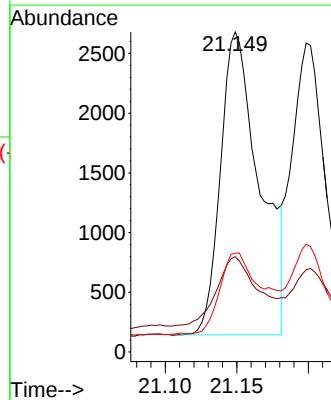
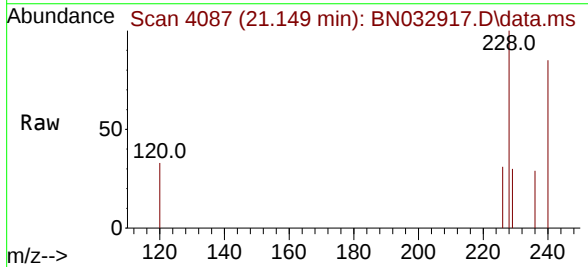
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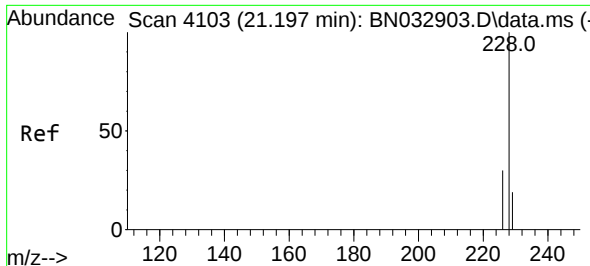
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#21
Benzo(a)anthracene
Concen: 0.119 ng/ul
RT: 21.149 min Scan# 4087
Delta R.T. -0.001 min
Lab File: BN032917.D
Acq: 23 Jul 2024 18:55

Tgt Ion:228 Resp: 4826
Ion Ratio Lower Upper
228 100
229 29.8 16.1 24.1#
226 30.9 21.9 32.9





#22

Chrysene

Concen: 0.074 ng/ul

RT: 21.199 min Scan# 4103

Delta R.T. -0.004 min

Lab File: BN032917.D

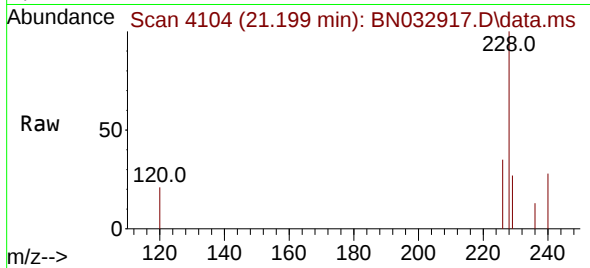
Acq: 23 Jul 2024 18:55

Instrument :

BNA_N

ClientSampleId :

A4BE8DL

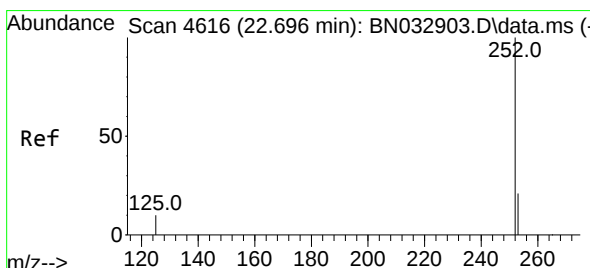
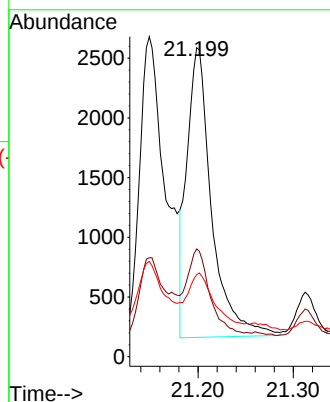
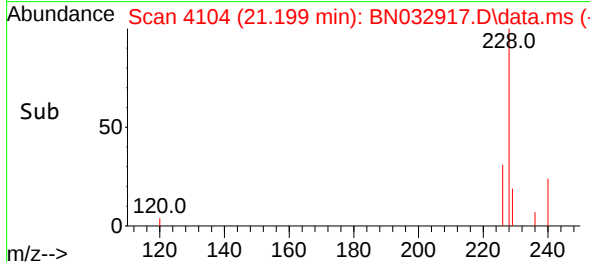


Tgt Ion:	228	Resp:	435
Ion Ratio	Lower	Upper	
228	100		
226	34.9	24.0	36.0
229	26.6	15.8	23.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#24

Benzo(b)fluoranthene

Concen: 0.120 ng/ul m

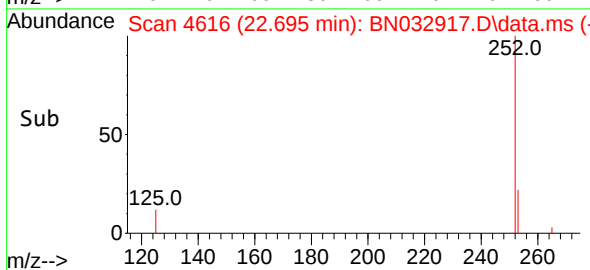
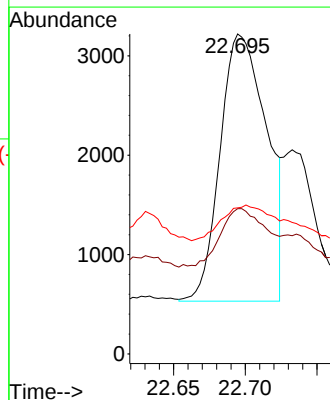
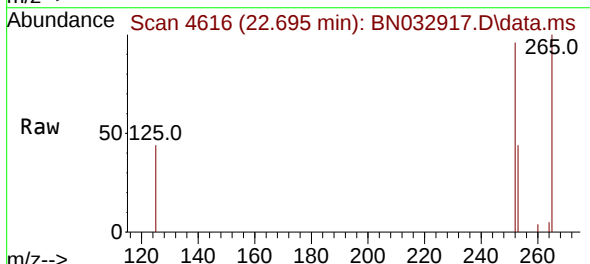
RT: 22.695 min Scan# 4616

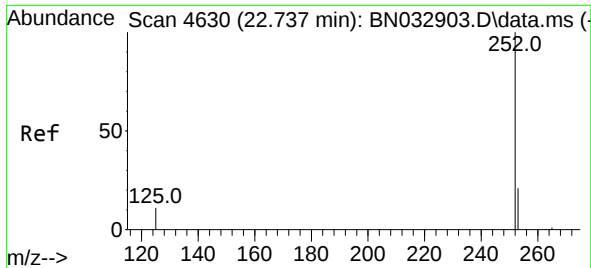
Delta R.T. -0.004 min

Lab File: BN032917.D

Acq: 23 Jul 2024 18:55

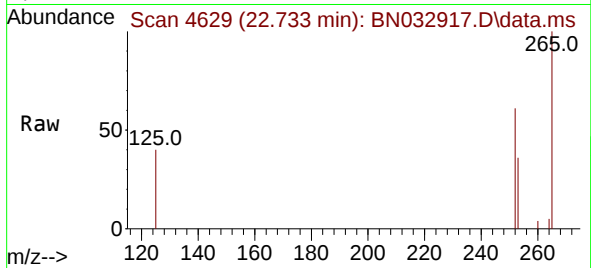
Tgt Ion:	252	Resp:	6085
Ion Ratio	Lower	Upper	
252	100		
253	45.4	0.0	54.0
125	45.6	0.0	36.0





#25
Benzo(k)fluoranthene
Concen: 0.039 ng/ul m
RT: 22.733 min Scan# 4629
Delta R.T. -0.007 min
Lab File: BN032917.D
Acq: 23 Jul 2024 18:55

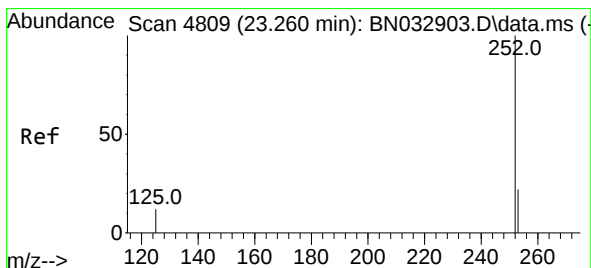
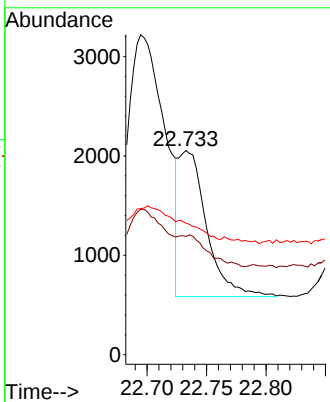
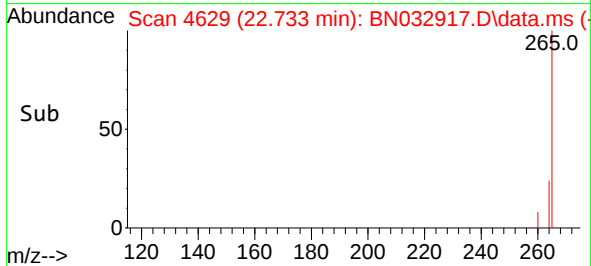
Instrument :
BNA_N
ClientSampleId :
A4BE8DL



Tgt Ion:252 Resp: 240
Ion Ratio Lower Upper
252 100
253 57.9 21.2 31.8
125 64.4 14.8 22.2

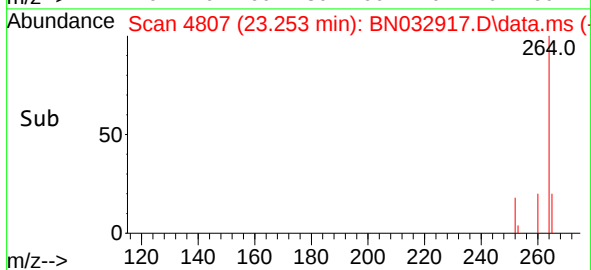
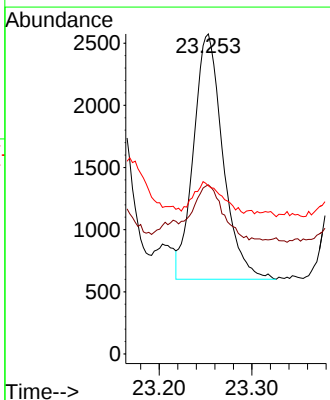
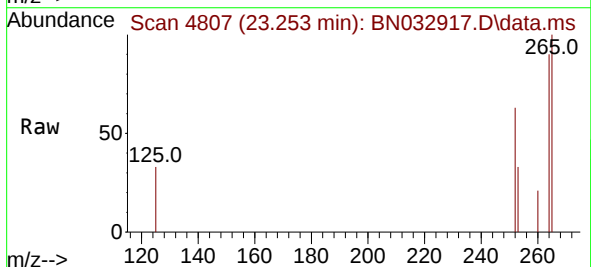
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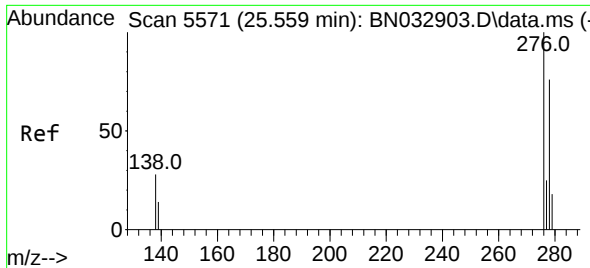
Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#26
Benzo(a)pyrene
Concen: 0.099 ng/ul
RT: 23.253 min Scan# 4807
Delta R.T. -0.010 min
Lab File: BN032917.D
Acq: 23 Jul 2024 18:55

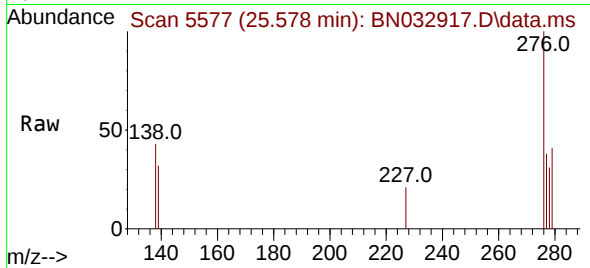
Tgt Ion:252 Resp: 4346
Ion Ratio Lower Upper
252 100
253 52.8 25.4 38.0#
125 52.6 20.6 30.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.054 ng/ul
RT: 25.578 min Scan# 5571
Delta R.T. 0.009 min
Lab File: BN032917.D
Acq: 23 Jul 2024 18:55

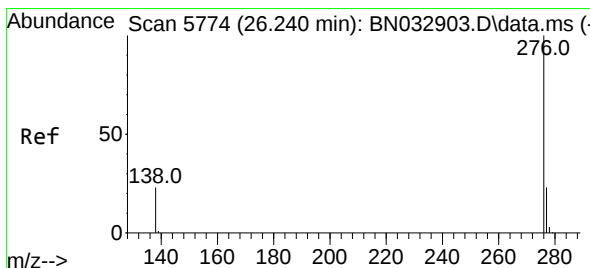
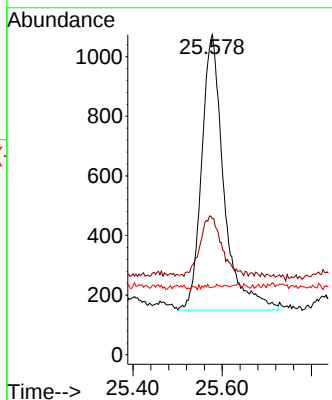
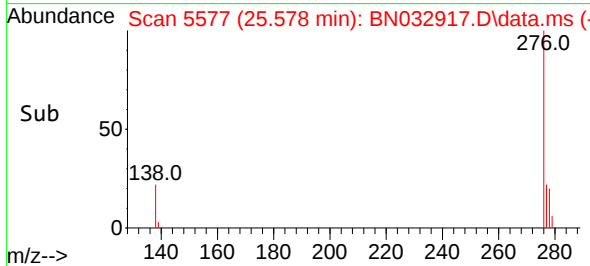
Instrument :
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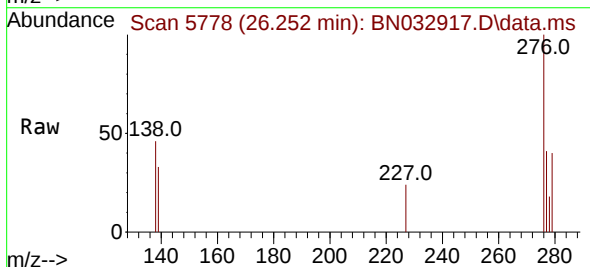
Tgt Ion:276 Resp: 3198
Ion Ratio Lower Upper
276 100
138 21.2 21.6 32.4#
227 0.3 0.0 0.0#

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.063 ng/ul
RT: 26.252 min Scan# 5778
Delta R.T. 0.002 min
Lab File: BN032917.D
Acq: 23 Jul 2024 18:55



Tgt Ion:276 Resp: 3143
Ion Ratio Lower Upper
276 100
138 46.4 21.0 31.4#
277 40.5 20.6 31.0#

