

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032333.D
 Acq On : 29 Jun 2024 03:16
 Operator : MA/JU
 Sample : P2934-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B62

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 03:45:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	7853	0.400	ng/ul	0.00
4) Naphthalene-d8	10.386	136	23896	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.261	164	12849	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.010	188	23126m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.213	240	18034m	0.400	ng/ul	-0.01
23) Perylene-d12	23.425	264	19225m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	27125	3.108	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.986	152	7245	0.202	ng/ul	-0.01
18) Fluoranthene-d10	19.049	212	13399m	0.247	ng/ul	-0.01
Target Compounds						
10) Acenaphthylene	13.979	152	1095	0.020	ng/ul#	71
15) Phenanthrene	17.053	178	8164m	0.129	ng/ul	
16) Anthracene	17.146	178	1468m	0.026	ng/ul	
19) Fluoranthene	19.077	202	22612m	0.329	ng/ul	
20) Pyrene	19.439	202	20418m	0.285	ng/ul	
21) Benzo(a)anthracene	21.198	228	9457m	0.145	ng/ul	
22) Chrysene	21.248	228	11964m	0.167	ng/ul	
24) Benzo(b)fluoranthene	22.762	252	18059m	0.216	ng/ul	
25) Benzo(k)fluoranthene	22.800	252	6389m	0.079	ng/ul	
26) Benzo(a)pyrene	23.329	252	11178m	0.192	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.662	276	9902m	0.109	ng/ul	
28) Dibenzo(a,h)anthracene	25.665	278	2426m	0.036	ng/ul	
29) Benzo(g,h,i)perylene	26.346	276	9783m	0.135	ng/ul	

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

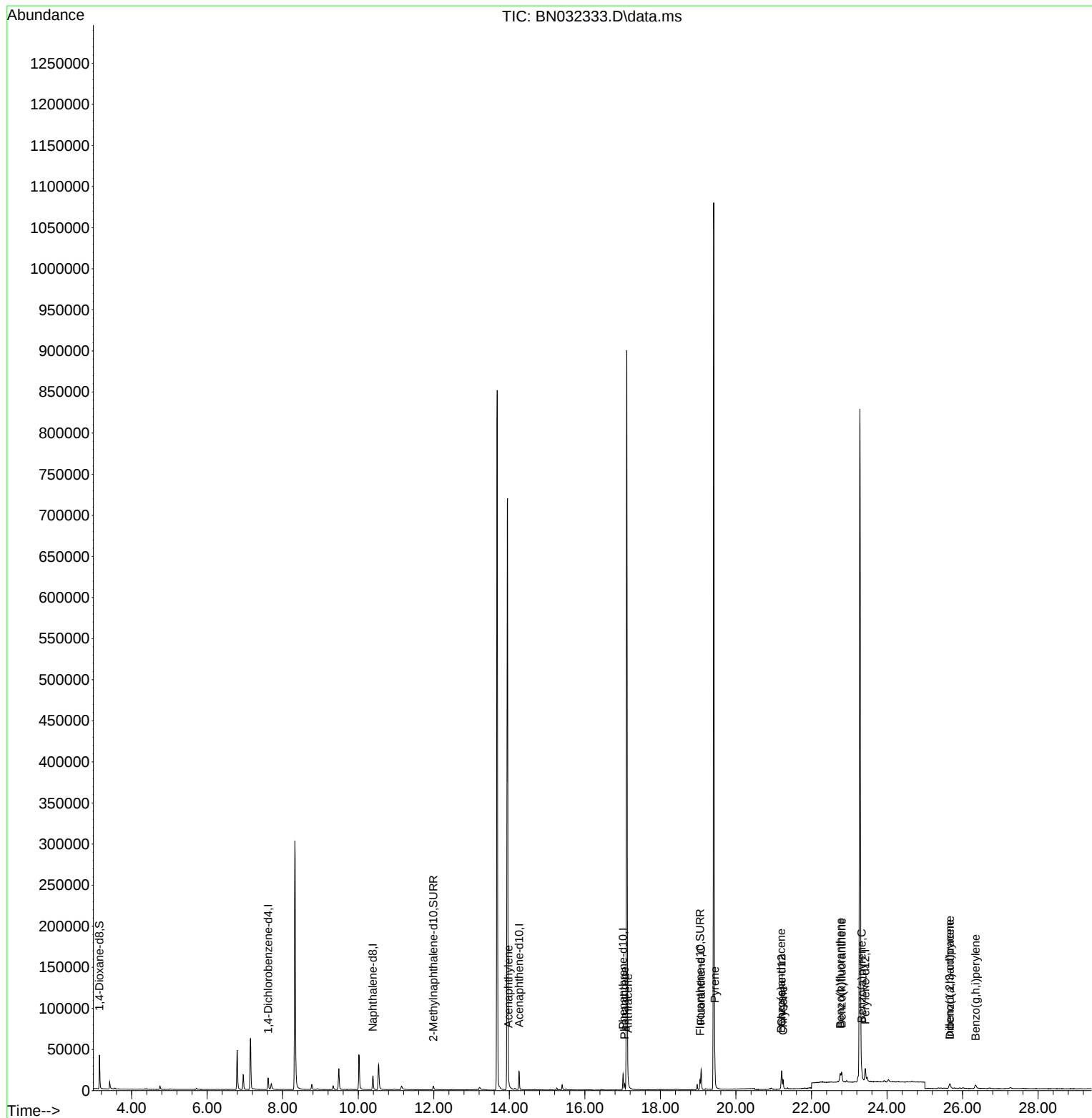
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032333.D
Acq On : 29 Jun 2024 03:16
Operator : MA/JU
Sample : P2934-04
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ALS Vial : 30 Sample Multiplier: 1

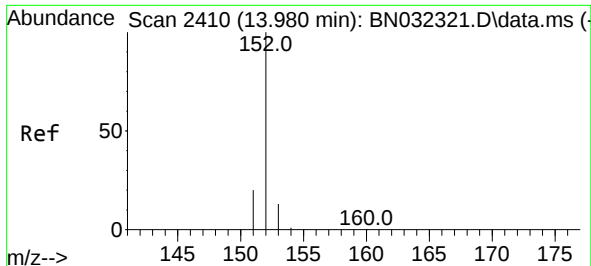
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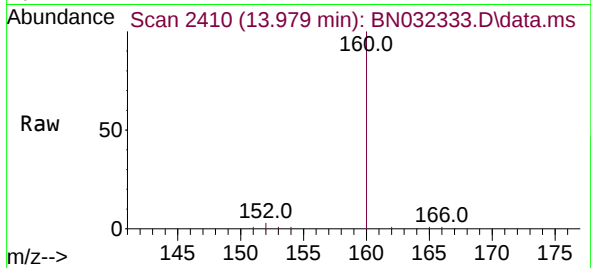
Quant Time: Jun 29 03:45:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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#10
Acenaphthylene
Concen: 0.020 ng/ul
RT: 13.979 min Scan# 2410
Delta R.T. -0.011 min
Lab File: BN032333.D
Acq: 29 Jun 2024 03:16

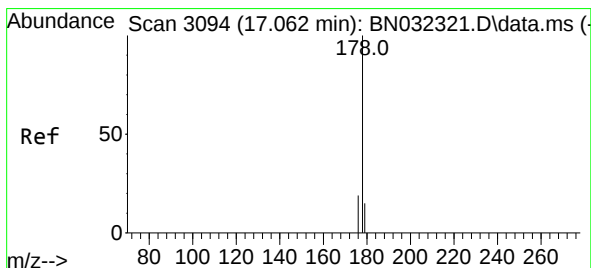
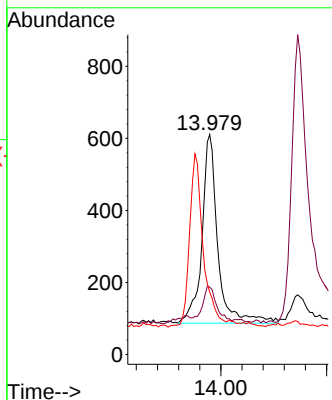
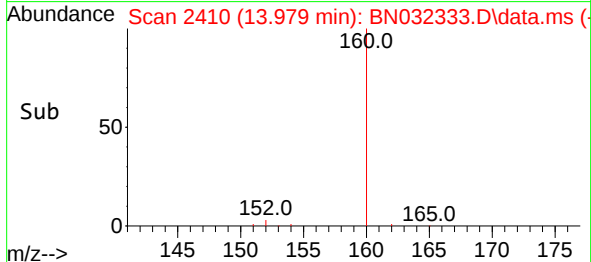
Instrument :
BNA_N
ClientSampleId :
A4B62



Tgt Ion:152 Resp: 109
Ion Ratio Lower Upper
152 100
151 30.6 15.7 23.5
153 28.3 10.9 16.3

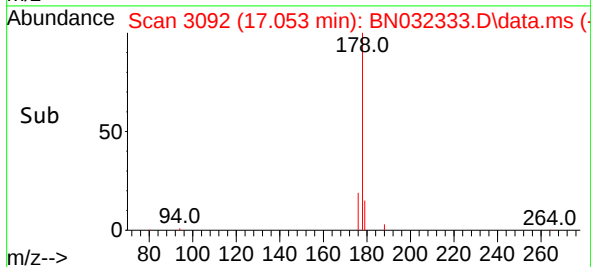
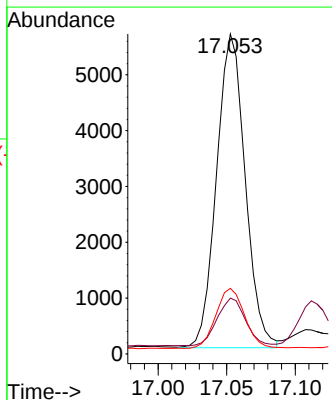
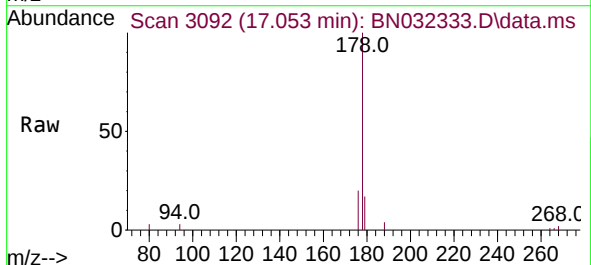
Manual Integrations
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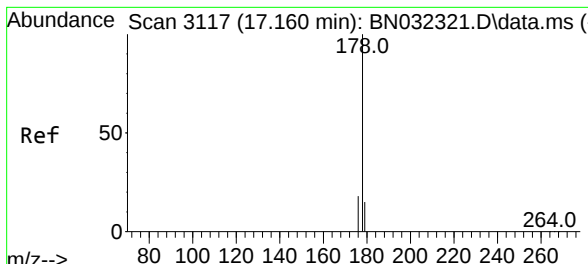
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#15
Phenanthrene
Concen: 0.129 ng/ul m
RT: 17.053 min Scan# 3092
Delta R.T. -0.014 min
Lab File: BN032333.D
Acq: 29 Jun 2024 03:16

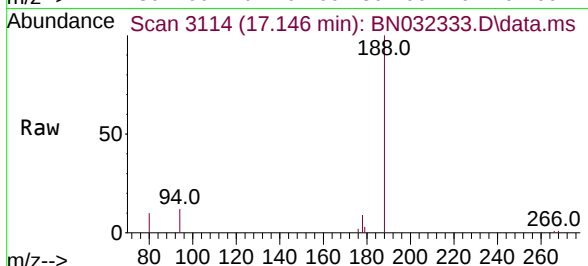
Tgt Ion:178 Resp: 8164
Ion Ratio Lower Upper
178 100
179 17.4 12.6 18.8
176 20.5 15.6 23.4





#16
 Anthracene
 Concen: 0.026 ng/ul m
 RT: 17.146 min Scan# 3114
 Delta R.T. -0.014 min
 Lab File: BN032333.D
 Acq: 29 Jun 2024 03:16

Instrument :
 BNA_N
 ClientSampleId :
 A4B62

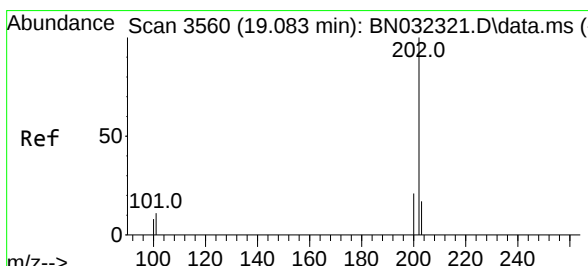
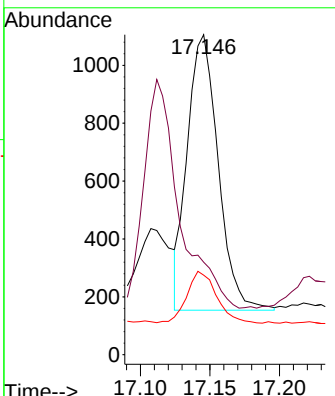
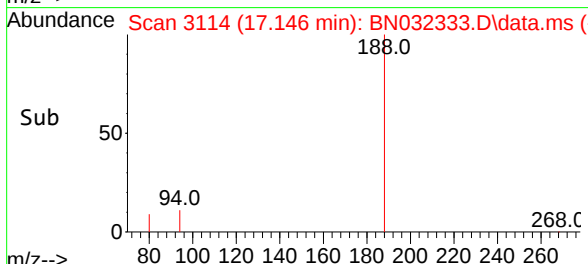


Tgt Ion:178 Resp: 1468

Ion	Ratio	Lower	Upper
178	100		
179	28.9	12.5	18.7
176	24.9	15.0	22.6

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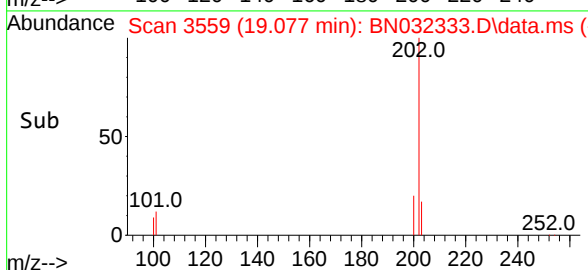
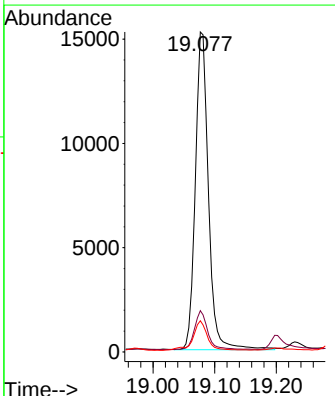
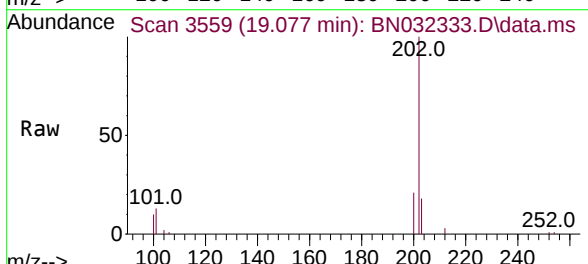
Reviewed By :Yogesh Patel 06/29/2024
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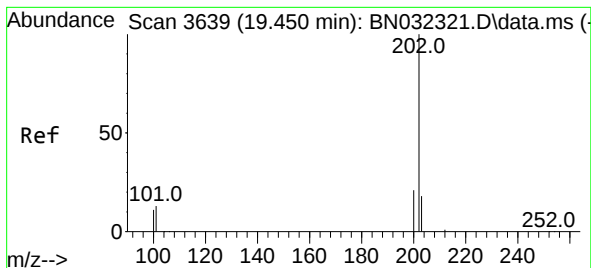


#19
 Fluoranthene
 Concen: 0.329 ng/ul m
 RT: 19.077 min Scan# 3559
 Delta R.T. -0.015 min
 Lab File: BN032333.D
 Acq: 29 Jun 2024 03:16

Tgt Ion:202 Resp: 22612

Ion	Ratio	Lower	Upper
202	100		
101	12.9	8.8	13.2
100	9.8	6.4	9.6





#20

Pyrene

Concen: 0.285 ng/ul m

RT: 19.439 min Scan# 3637

Delta R.T. -0.015 min

Lab File: BN032333.D

Acq: 29 Jun 2024 03:16

Instrument :

BNA_N

ClientSampleId :

A4B62

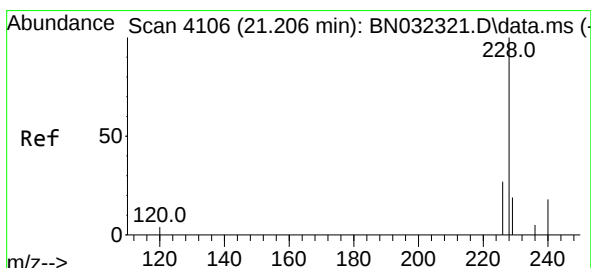
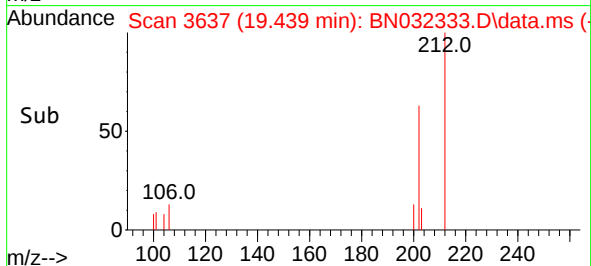
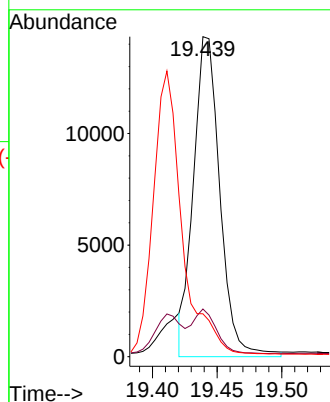
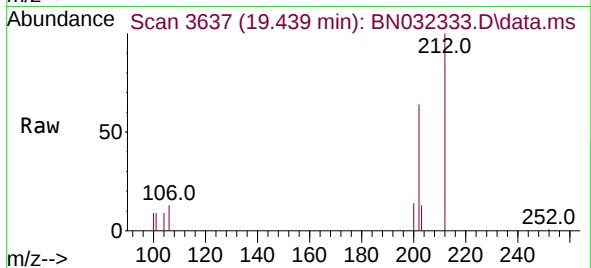
Tgt Ion:	202	Resp:	20418
Ion Ratio	Lower	Upper	
202	100		
101	14.9	11.0	16.4
100	13.4	8.7	13.1

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#21

Benzo(a)anthracene

Concen: 0.145 ng/ul m

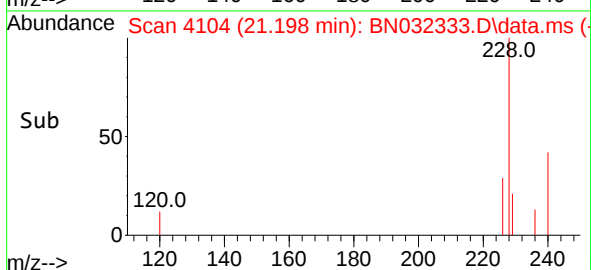
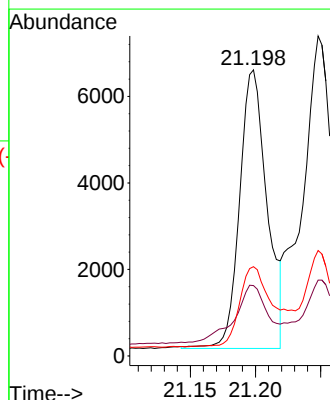
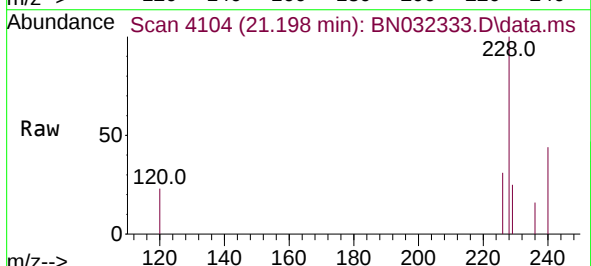
RT: 21.198 min Scan# 4104

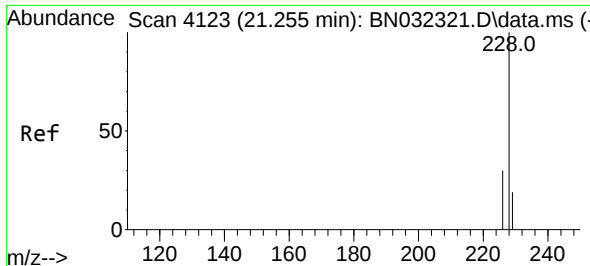
Delta R.T. -0.016 min

Lab File: BN032333.D

Acq: 29 Jun 2024 03:16

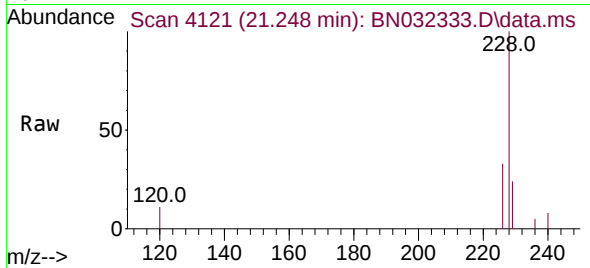
Tgt Ion:	228	Resp:	9457
Ion Ratio	Lower	Upper	
228	100		
229	24.6	15.7	23.5
226	31.2	21.8	32.8





#22
Chrysene
Concen: 0.167 ng/ul m
RT: 21.248 min Scan# 4121
Delta R.T. -0.019 min
Lab File: BN032333.D
Acq: 29 Jun 2024 03:16

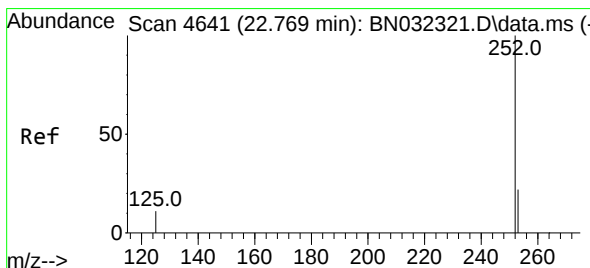
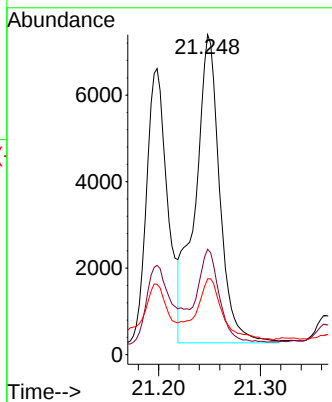
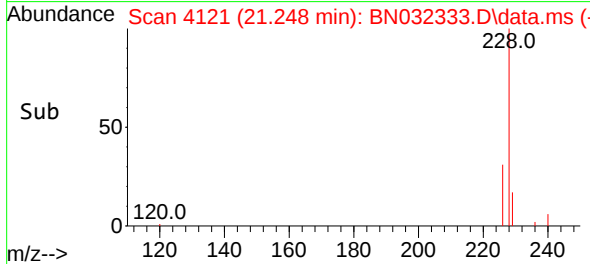
Instrument :
BNA_N
ClientSampleId :
A4B62



Tgt Ion:228 Resp: 11964
Ion Ratio Lower Upper
228 100
226 32.9 23.6 35.4
229 23.7 15.7 23.5

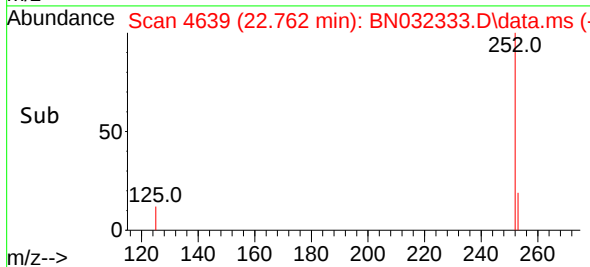
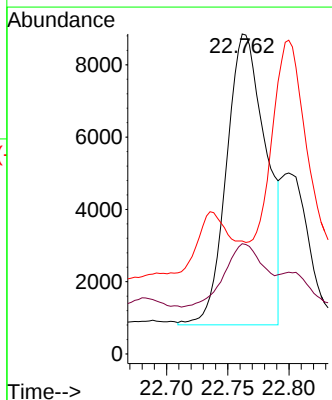
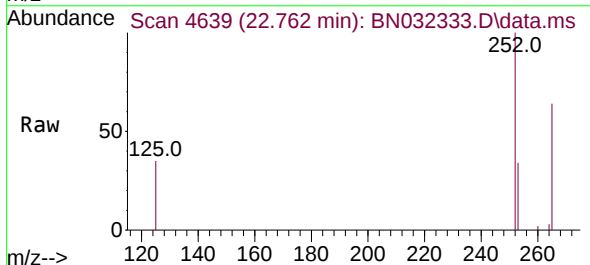
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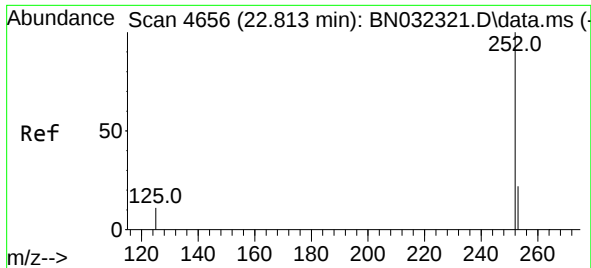
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#24
Benzo(b)fluoranthene
Concen: 0.216 ng/ul m
RT: 22.762 min Scan# 4639
Delta R.T. -0.022 min
Lab File: BN032333.D
Acq: 29 Jun 2024 03:16

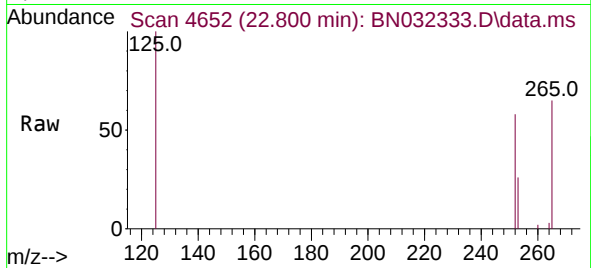
Tgt Ion:252 Resp: 18059
Ion Ratio Lower Upper
252 100
253 34.4 0.0 50.2
125 35.3 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 0.079 ng/ul m
RT: 22.800 min Scan# 4656
Delta R.T. -0.028 min
Lab File: BN032333.D
Acq: 29 Jun 2024 03:16

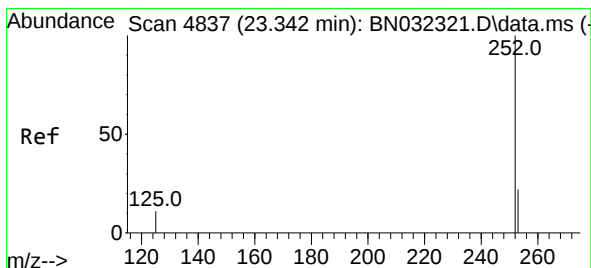
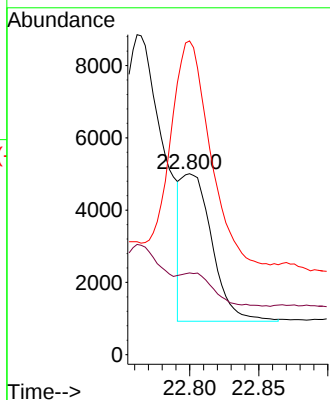
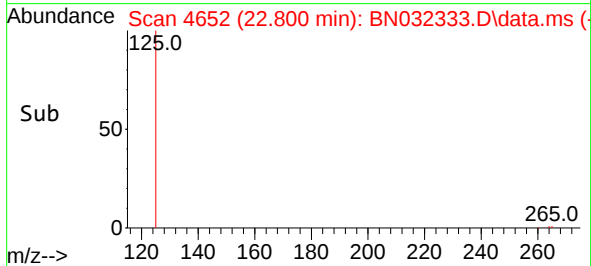
Instrument :
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ClientSampleId :
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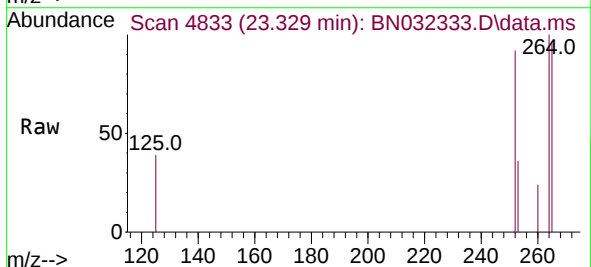
Tgt Ion:252 Resp: 6389
Ion Ratio Lower Upper
252 100
253 45.2 20.3 30.5
125 173.4 12.8 19.2

Manual Integrations
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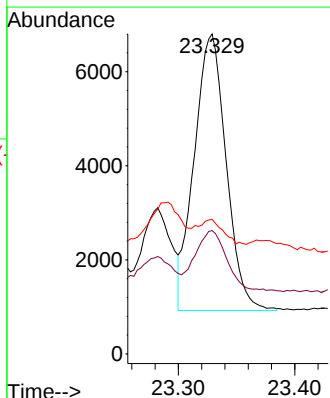
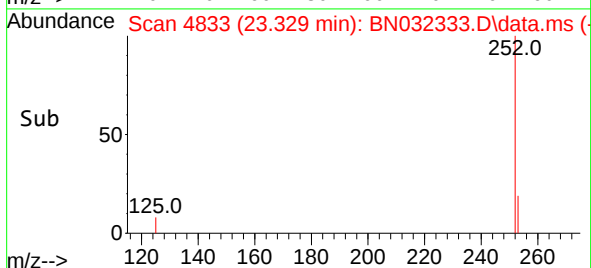
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Supervised By :mohammad ahmed 07/04/2024

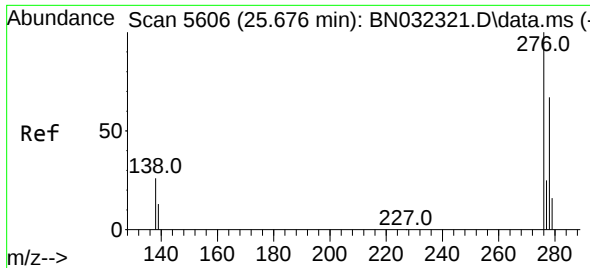


#26
Benzo(a)pyrene
Concen: 0.192 ng/ul m
RT: 23.329 min Scan# 4833
Delta R.T. -0.031 min
Lab File: BN032333.D
Acq: 29 Jun 2024 03:16



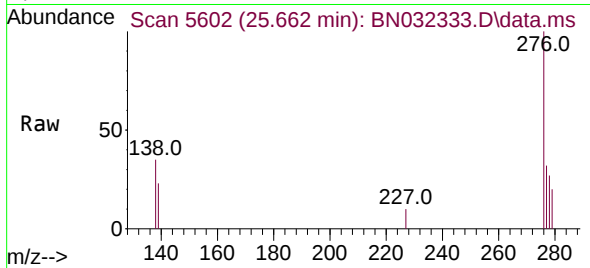
Tgt Ion:252 Resp: 11178
Ion Ratio Lower Upper
252 100
253 38.5 22.2 33.2#
125 42.0 16.4 24.6#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng/ul m
RT: 25.662 min Scan# 5602
Delta R.T. -0.038 min
Lab File: BN032333.D
Acq: 29 Jun 2024 03:16

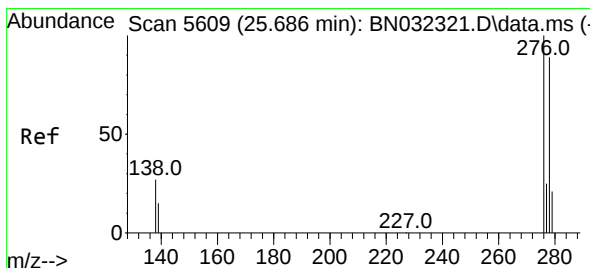
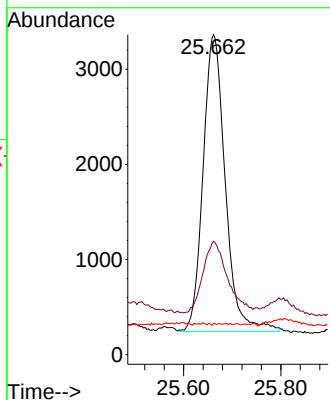
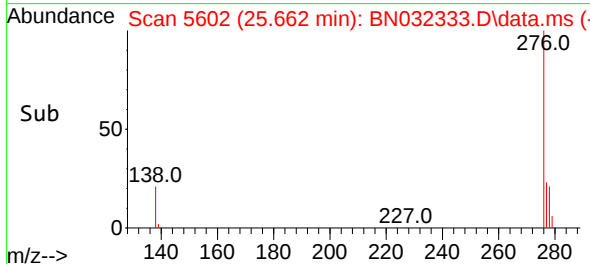
Instrument :
BNA_N
ClientSampleId :
A4B62



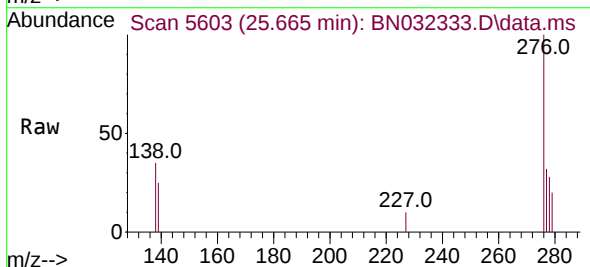
Tgt Ion:276 Resp: 990
Ion Ratio Lower Upper
276 100
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227 0.1 0.1 0.1#

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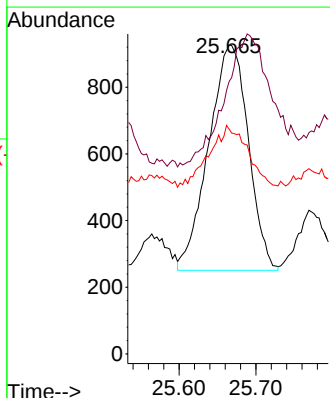
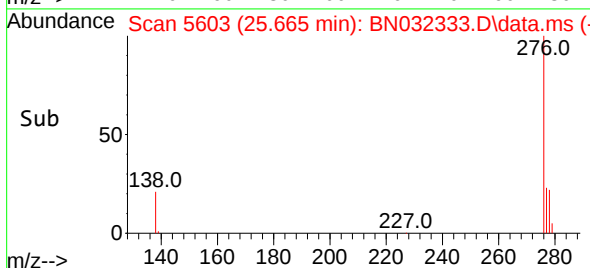
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

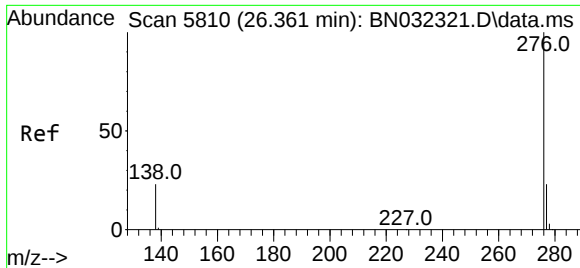


#28
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul m
RT: 25.665 min Scan# 5603
Delta R.T. -0.045 min
Lab File: BN032333.D
Acq: 29 Jun 2024 03:16



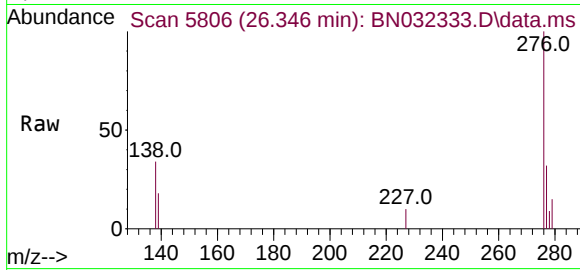
Tgt Ion:278 Resp: 2426
Ion Ratio Lower Upper
278 100
139 88.2 15.9 23.9#
279 72.9 21.1 31.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.135 ng/ul m
 RT: 26.346 min Scan# 5806
 Delta R.T. -0.035 min
 Lab File: BN032333.D
 Acq: 29 Jun 2024 03:16

Instrument :
 BNA_N
 ClientSampleId :
 A4B62



Tgt Ion: 276 Resp: 978

Ion	Ratio	Lower	Upper
276	100		
138	34.2	19.8	29.6
277	31.6	19.8	29.6

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