

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032825.D
 Acq On : 18 Jul 2024 19:50
 Operator : MA/JU
 Sample : P3177-07DL 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BS5DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 23:32:17 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 : 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	7.540	152	4237	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.315	136	12875	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.187	164	6901	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.951	188	12237	0.400	ng/ul	-0.01
17) Chrysene-d12	21.166	240	11582	0.400	ng/ul	0.00
23) Perylene-d12	23.358	264	12962m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	2228	0.438	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	550	0.028	ng/ul	0.00
18) Fluoranthene-d10	18.993	212	1050	0.028	ng/ul	-0.01
Target Compounds					Qvalue	
10) Acenaphthylene	13.909	152	662	0.024	ng/ul#	59
11) Acenaphthene	14.252	153	873	0.038	ng/ul	97
12) Fluorene	15.251	166	1008	0.038	ng/ul#	94
15) Phenanthrene	16.994	178	14037	0.421	ng/ul	100
16) Anthracene	17.086	178	3438	0.126	ng/ul#	87
19) Fluoranthene	19.021	202	29755	0.632	ng/ul	99
20) Pyrene	19.388	202	18187	0.373	ng/ul	99
21) Benzo(a)anthracene	21.152	228	15198	0.412	ng/ul	95
22) Chrysene	21.204	228	14402	0.270	ng/ul	96
24) Benzo(b)fluoranthene	22.703	252	21537m	0.471	ng/ul	
25) Benzo(k)fluoranthene	22.741	252	8413m	0.151	ng/ul	
26) Benzo(a)pyrene	23.265	252	6096	0.154	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.574	276	6712	0.125	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.568	278	2430	0.058	ng/ul#	27
29) Benzo(g,h,i)perylene	26.259	276	929	0.021	ng/ul#	2

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

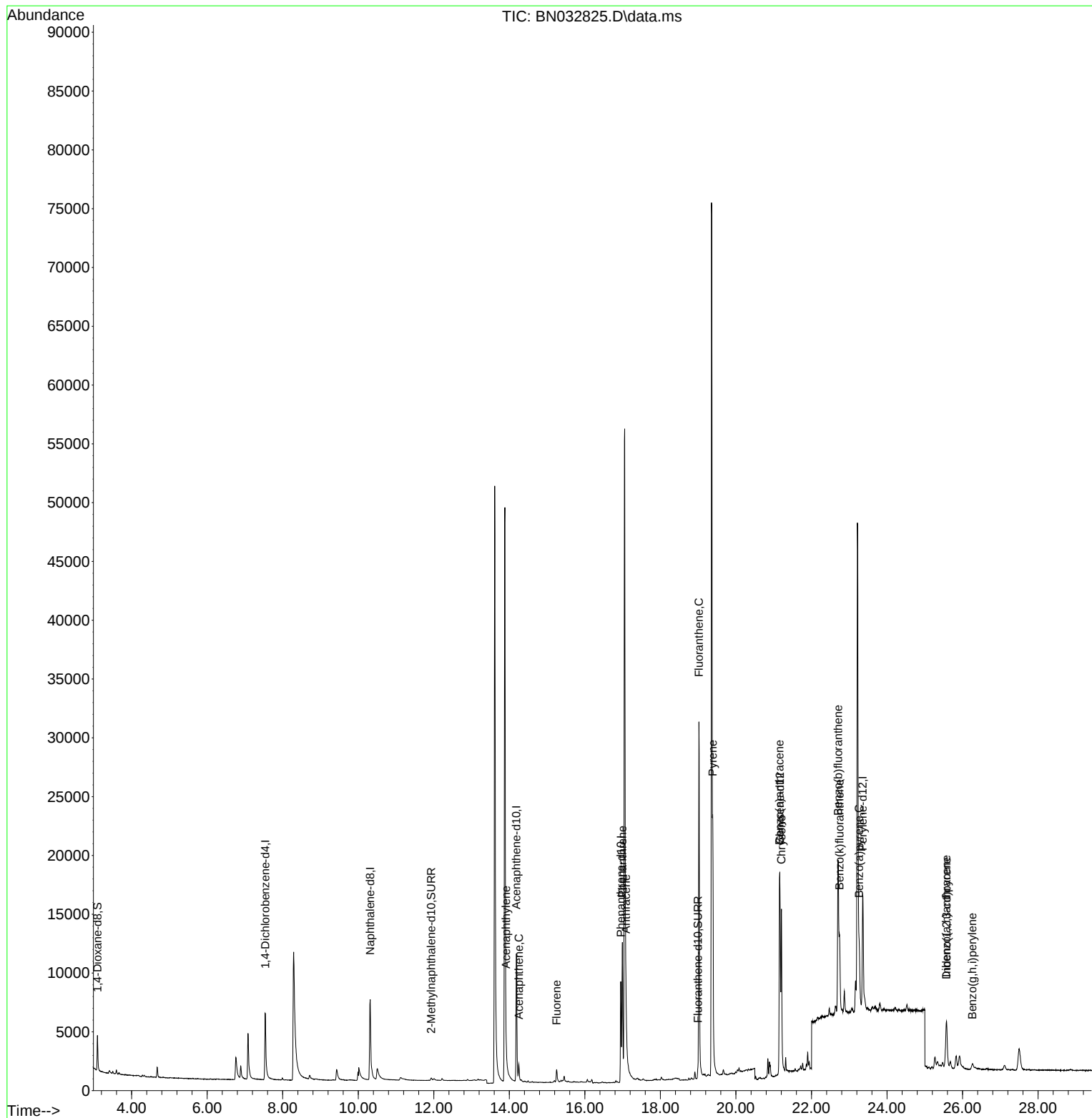
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032825.D
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ALS Vial : 10 Sample Multiplier: 1

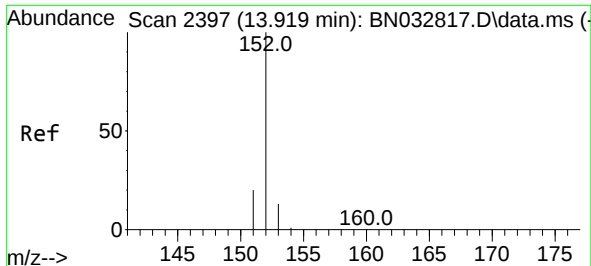
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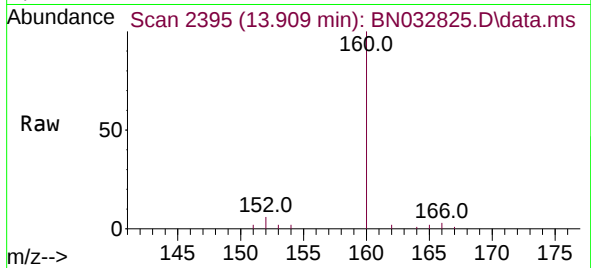
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.024 ng/u1
RT: 13.909 min Scan# 21
Delta R.T. -0.011 min
Lab File: BN032825.D
Acq: 18 Jul 2024 19:50

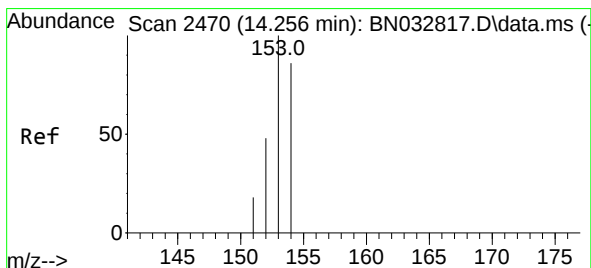
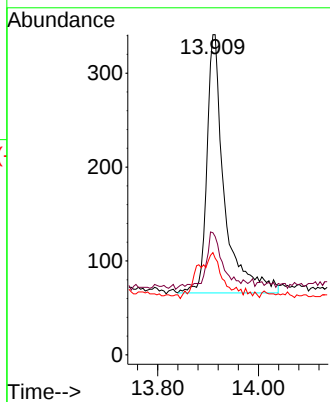
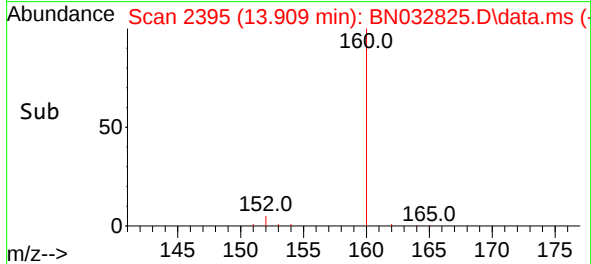
Instrument :
BNA_N
ClientSampleId :
A4BS5DL



Tgt Ion:152 Resp: 662
Ion Ratio Lower Upper
152 100
151 38.1 16.3 24.5
153 32.0 11.3 16.9

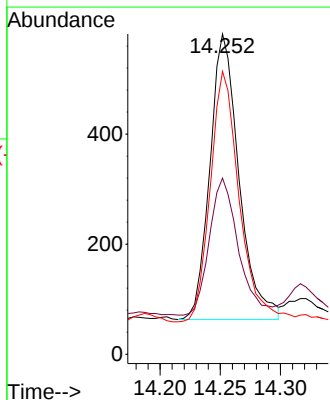
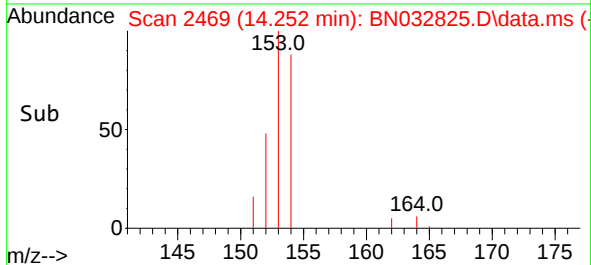
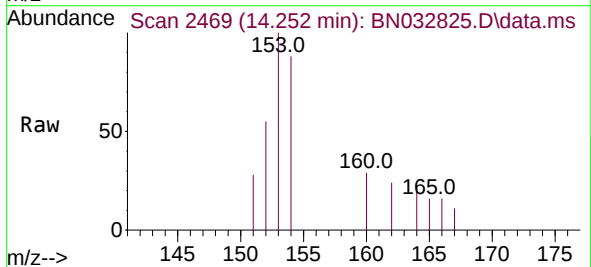
Manual Integrations
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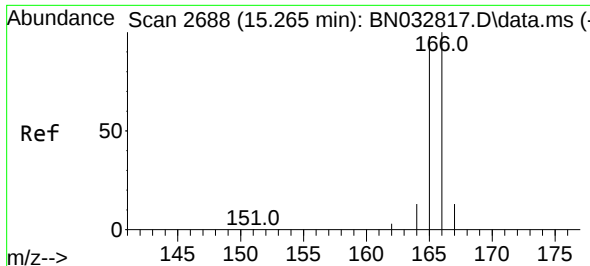
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#11
Acenaphthene
Concen: 0.038 ng/u1
RT: 14.252 min Scan# 2469
Delta R.T. -0.006 min
Lab File: BN032825.D
Acq: 18 Jul 2024 19:50

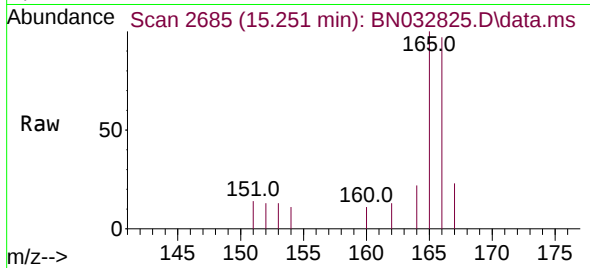
Tgt Ion:153 Resp: 873
Ion Ratio Lower Upper
153 100
152 55.0 40.0 60.0
154 88.3 70.2 105.4





#12
Fluorene
Concen: 0.038 ng/u1
RT: 15.251 min Scan# 201
Delta R.T. -0.015 min
Lab File: BN032825.D
Acq: 18 Jul 2024 19:50

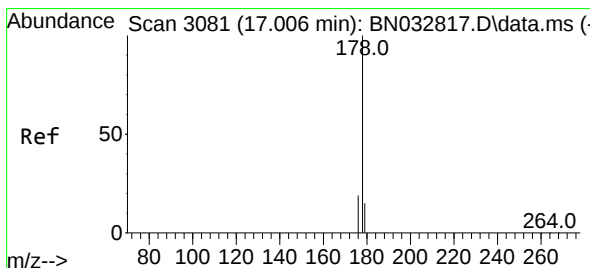
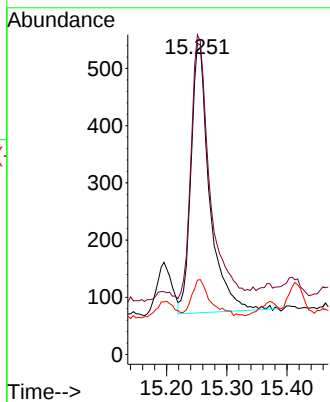
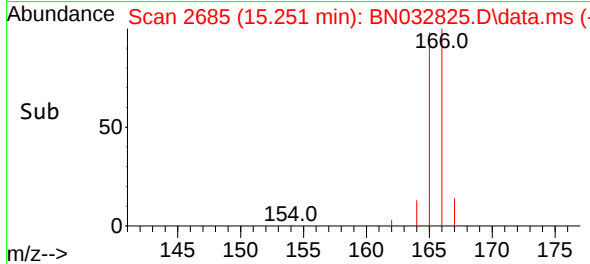
Instrument :
BNA_N
ClientSampleId :
A4BS5DL



Tgt Ion:166 Resp: 1000
Ion Ratio Lower Upper
166 100
165 102.8 79.7 119.5
167 23.9 11.4 17.2

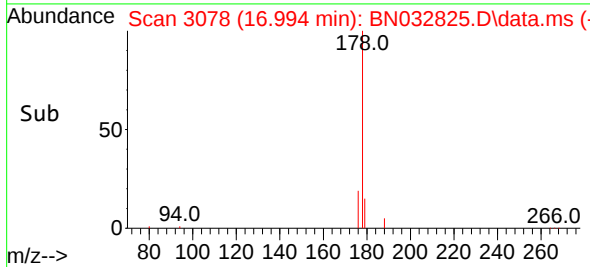
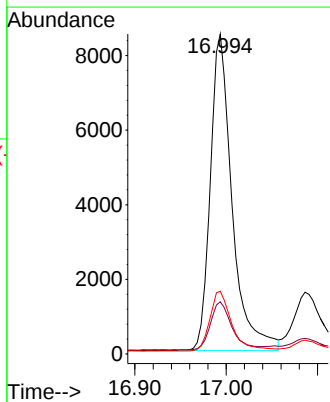
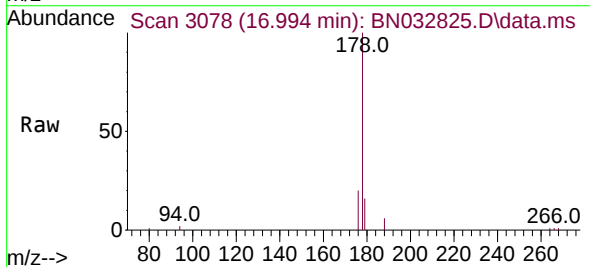
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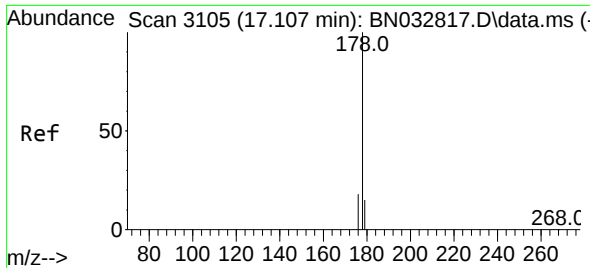
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#15
Phenanthrene
Concen: 0.421 ng/u1
RT: 16.994 min Scan# 3078
Delta R.T. -0.014 min
Lab File: BN032825.D
Acq: 18 Jul 2024 19:50

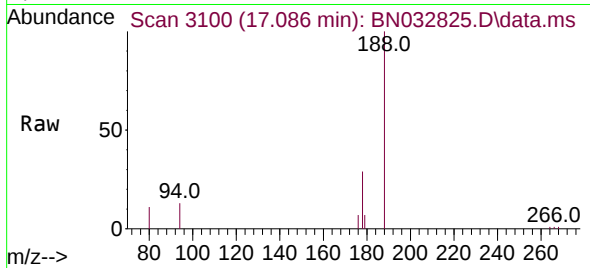
Tgt Ion:178 Resp: 14037
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 19.6 15.6 23.4





#16
 Anthracene
 Concen: 0.126 ng/u1
 RT: 17.086 min Scan# 3105
 Delta R.T. -0.018 min
 Lab File: BN032825.D
 Acq: 18 Jul 2024 19:50

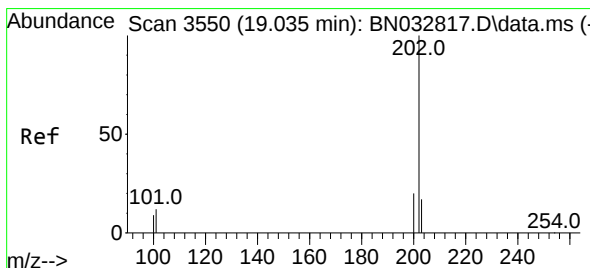
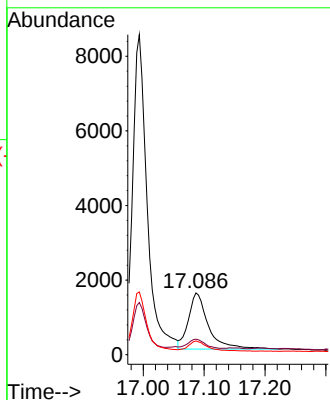
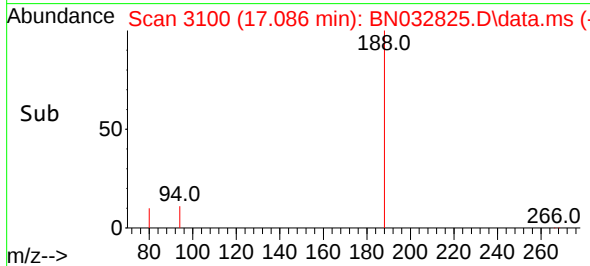
Instrument :
 BNA_N
 ClientSampleId :
 A4BS5DL



Tgt Ion:178 Resp: 3438
 Ion Ratio Lower Upper
 178 100
 179 25.2 13.4 20.2
 176 22.3 15.4 23.0

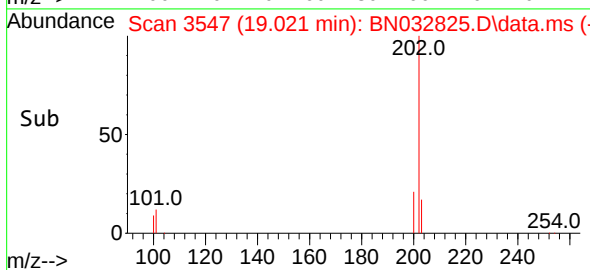
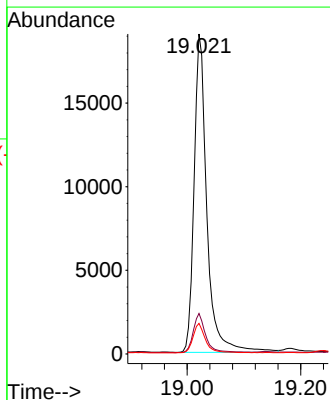
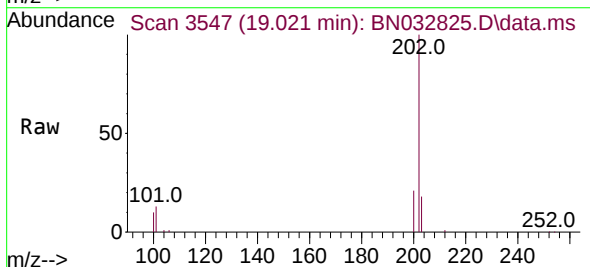
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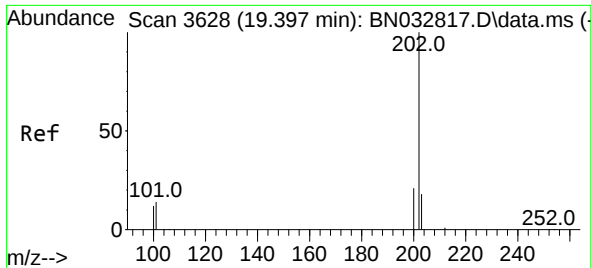
Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/19/2024



#19
 Fluoranthene
 Concen: 0.632 ng/u1
 RT: 19.021 min Scan# 3547
 Delta R.T. -0.011 min
 Lab File: BN032825.D
 Acq: 18 Jul 2024 19:50

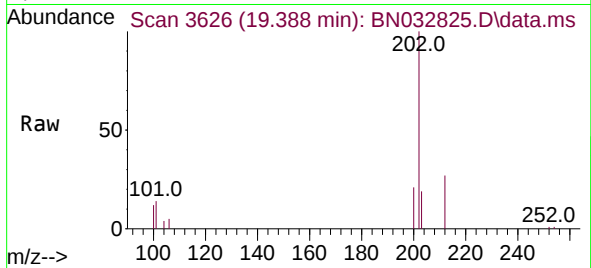
Tgt Ion:202 Resp: 29755
 Ion Ratio Lower Upper
 202 100
 101 12.6 9.8 14.8
 100 9.6 7.9 11.9





#20
Pyrene
Concen: 0.373 ng/u1
RT: 19.388 min Scan# 30
Delta R.T. -0.011 min
Lab File: BN032825.D
Acq: 18 Jul 2024 19:50

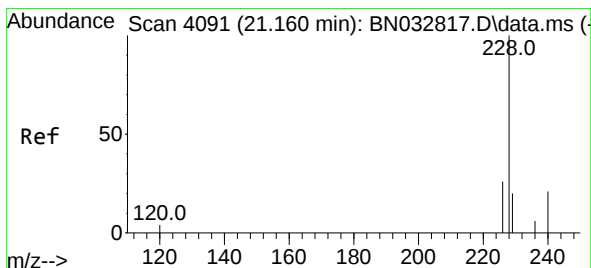
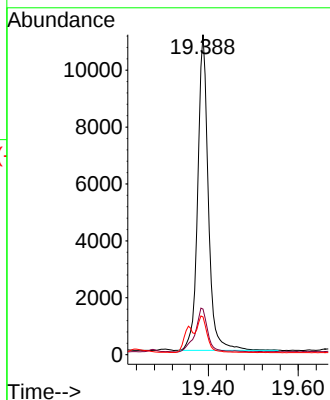
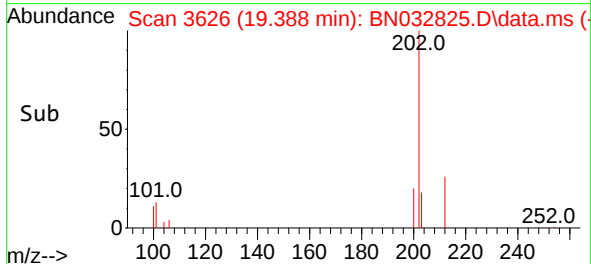
Instrument :
BNA_N
ClientSampleId :
A4BS5DL



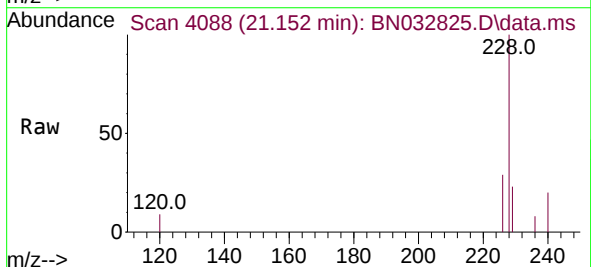
Tgt Ion:202 Resp: 1818
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.6
100 11.8 9.6 14.4

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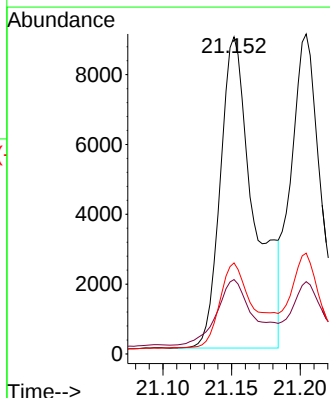
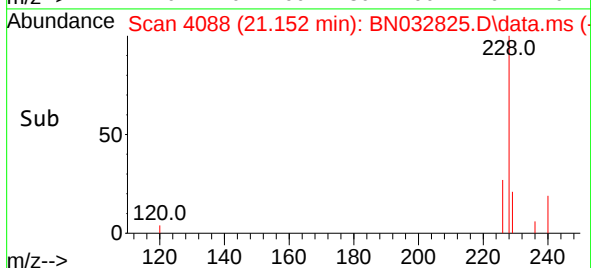
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

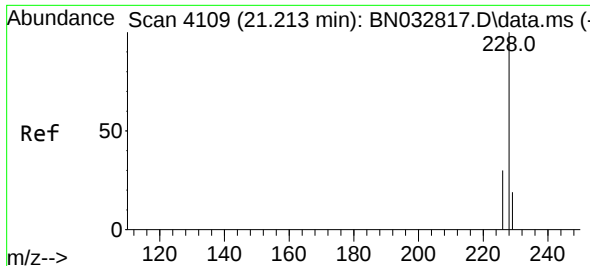


#21
Benzo(a)anthracene
Concen: 0.412 ng/u1
RT: 21.152 min Scan# 4088
Delta R.T. -0.007 min
Lab File: BN032825.D
Acq: 18 Jul 2024 19:50



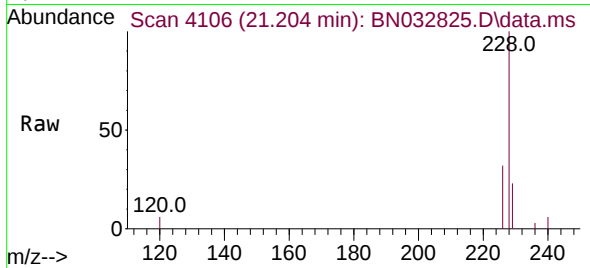
Tgt Ion:228 Resp: 15198
Ion Ratio Lower Upper
228 100
229 23.4 16.1 24.1
226 28.7 21.9 32.9





#22
Chrysene
Concen: 0.270 ng/ul
RT: 21.204 min Scan# 4109
Delta R.T. -0.007 min
Lab File: BN032825.D
Acq: 18 Jul 2024 19:50

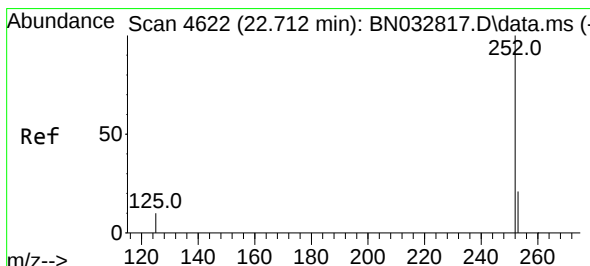
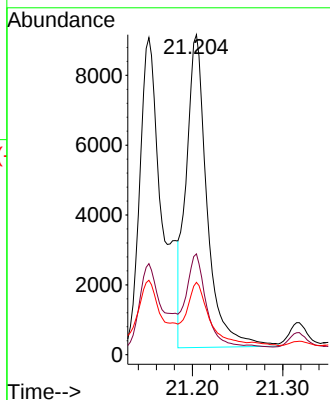
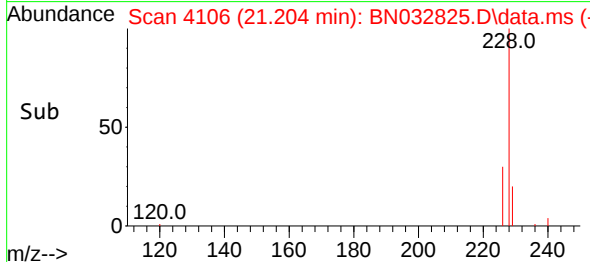
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A4BS5DL



Tgt Ion:228 Resp: 1440
Ion Ratio Lower Upper
228 100
226 31.5 24.0 36.0
229 22.6 15.8 23.6

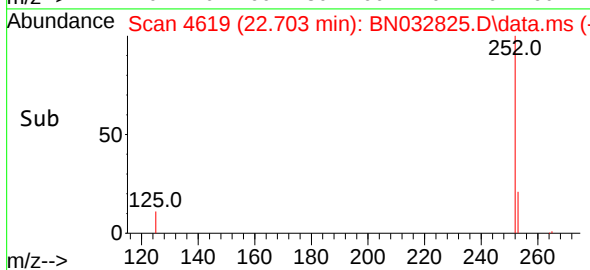
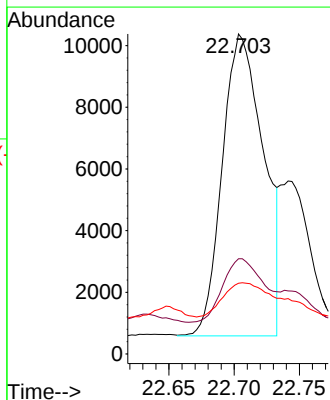
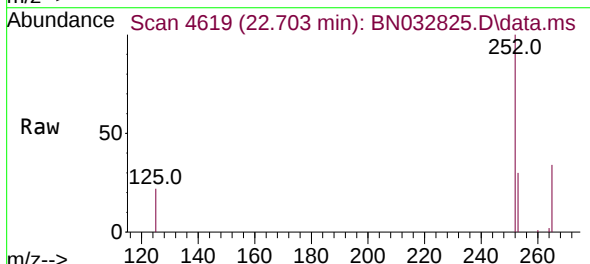
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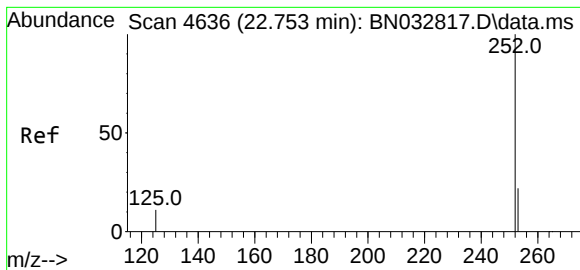
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#24
Benzo(b)fluoranthene
Concen: 0.471 ng/ul m
RT: 22.703 min Scan# 4619
Delta R.T. -0.007 min
Lab File: BN032825.D
Acq: 18 Jul 2024 19:50

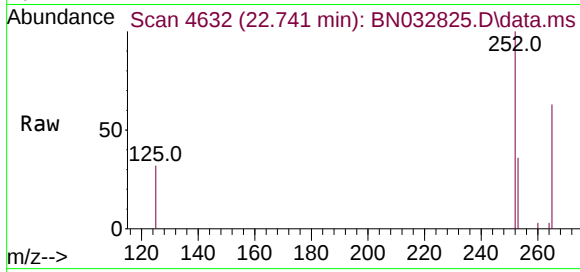
Tgt Ion:252 Resp: 21537
Ion Ratio Lower Upper
252 100
253 29.8 0.0 54.0
125 22.1 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 0.151 ng/ul m
RT: 22.741 min Scan# 4632
Delta R.T. -0.013 min
Lab File: BN032825.D
Acq: 18 Jul 2024 19:50

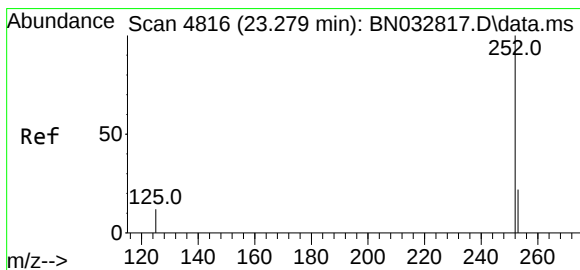
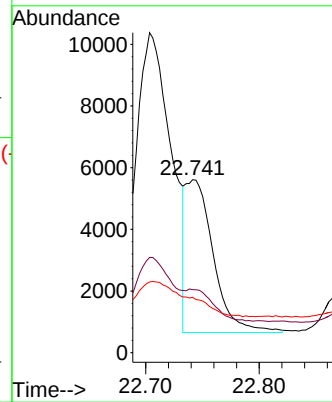
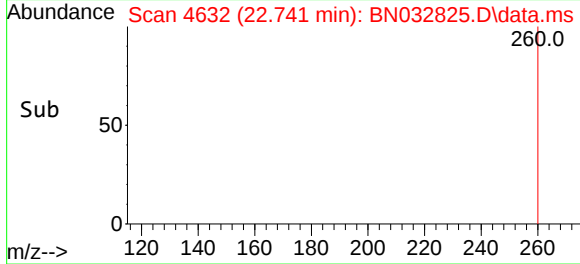
Instrument :
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ClientSampleId :
A4BS5DL



Tgt Ion:252 Resp: 841
Ion Ratio Lower Upper
252 100
253 36.4 21.2 31.8
125 32.0 14.8 22.2

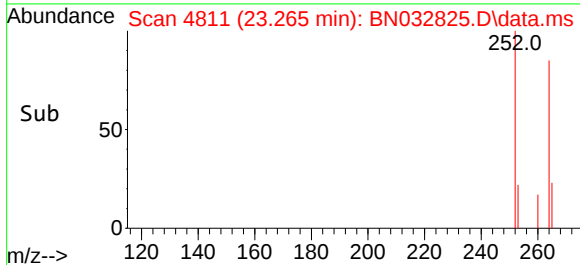
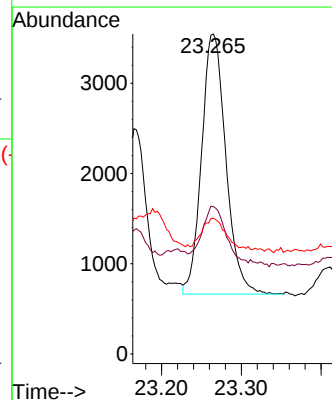
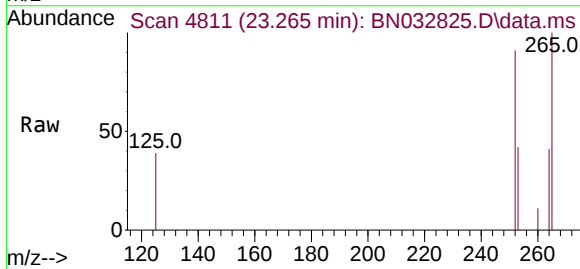
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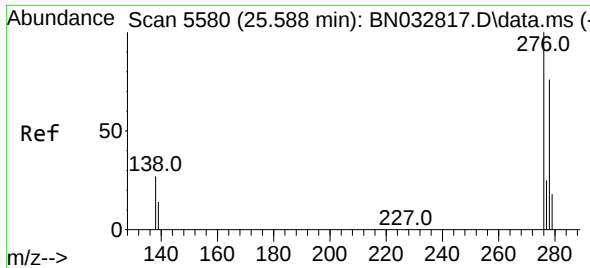
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#26
Benzo(a)pyrene
Concen: 0.154 ng/ul
RT: 23.265 min Scan# 4811
Delta R.T. -0.013 min
Lab File: BN032825.D
Acq: 18 Jul 2024 19:50

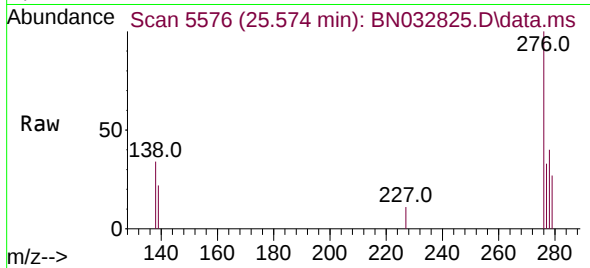
Tgt Ion:252 Resp: 6096
Ion Ratio Lower Upper
252 100
253 46.0 25.4 38.0#
125 42.5 20.6 30.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.125 ng/ul
RT: 25.574 min Scan# 5576
Delta R.T. -0.008 min
Lab File: BN032825.D
Acq: 18 Jul 2024 19:50

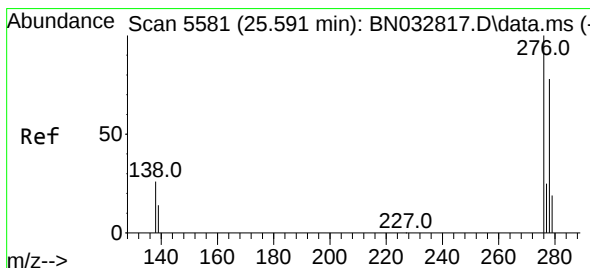
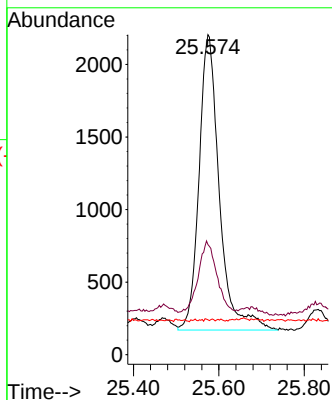
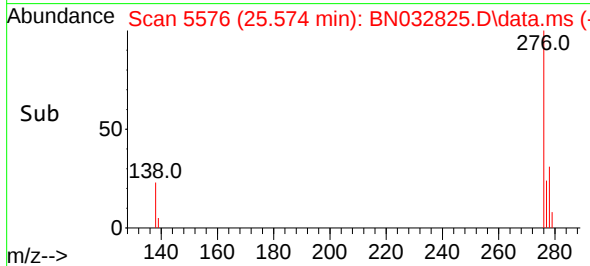
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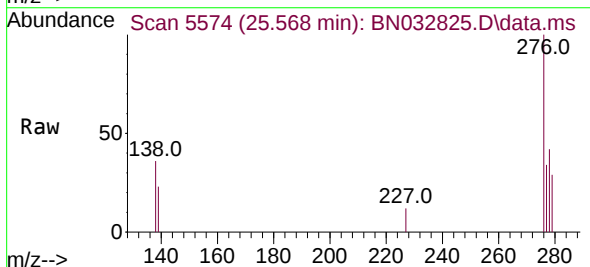
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Ion Ratio Lower Upper
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138 22.8 21.6 32.4
227 0.2 0.0 0.0

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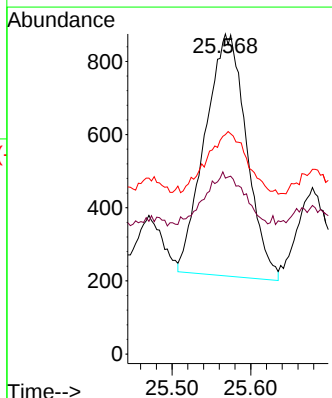
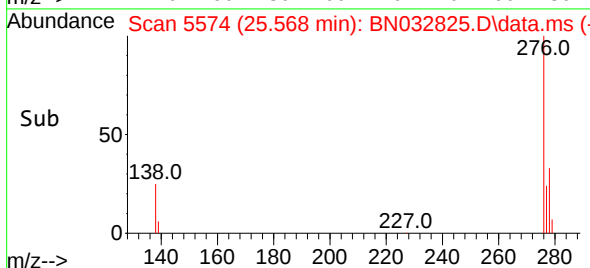
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

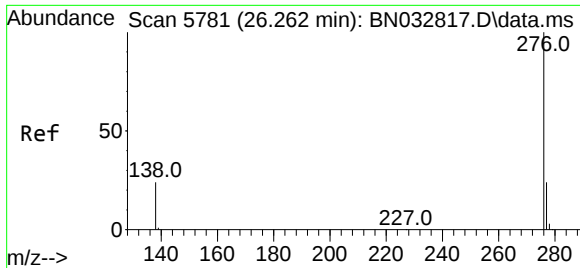


#28
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 25.568 min Scan# 5574
Delta R.T. -0.022 min
Lab File: BN032825.D
Acq: 18 Jul 2024 19:50



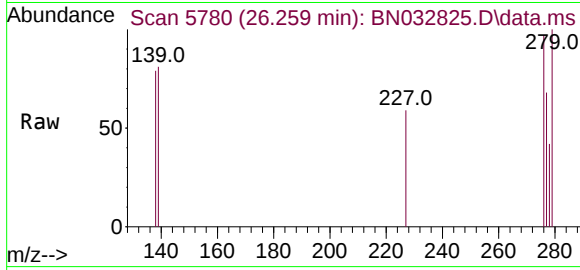
Tgt Ion:278 Resp: 2430
Ion Ratio Lower Upper
278 100
139 55.0 16.6 24.8#
279 68.6 23.7 35.5#





#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 26.259 min Scan# 51
Delta R.T. -0.001 min
Lab File: BN032825.D
Acq: 18 Jul 2024 19:50

Instrument :
BNA_N
ClientSampleId :
A4BS5DL



Tgt Ion: 276 Resp: 929

Ion	Ratio	Lower	Upper
276	100		
138	82.0	21.0	31.4
277	70.0	20.6	31.0

Manual Integrations
APPROVED

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