

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035000.D
 Acq On : 11 Nov 2024 12:12
 Operator : RC/JU
 Sample : P4636-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CC0R1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 11 12:41:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 09 00:09:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.562	152	3378	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.328	136	8575	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.199	164	5691	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	11942	0.400	ng/ul	0.00
17) Chrysene-d12	21.142	240	10908	0.400	ng/ul	# 0.00
23) Perylene-d12	23.305	264	11077m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	10537	3.278	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	2836	0.216	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	6756	0.241	ng/ul	0.00
Target Compounds						
15) Phenanthrene	16.988	178	1448	0.045	ng/ul#	90
16) Anthracene	17.076	178	642	0.021	ng/ul#	71
19) Fluoranthene	19.009	202	7922	0.217	ng/ul#	93
20) Pyrene	19.372	202	7715m	0.204	ng/ul	
21) Benzo(a)anthracene	21.125	228	5536	0.140	ng/ul	95
22) Chrysene	21.178	228	5770m	0.143	ng/ul	
24) Benzo(b)fluoranthene	22.665	252	9002m	0.231	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	2887m	0.071	ng/ul	
26) Benzo(a)pyrene	23.212	252	5491m	0.158	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.453	276	4157m	0.098	ng/ul	
28) Dibenzo(a,h)anthracene	25.457	278	1074m	0.032	ng/ul	
29) Benzo(g,h,i)perylene	26.107	276	4538m	0.140	ng/ul	

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

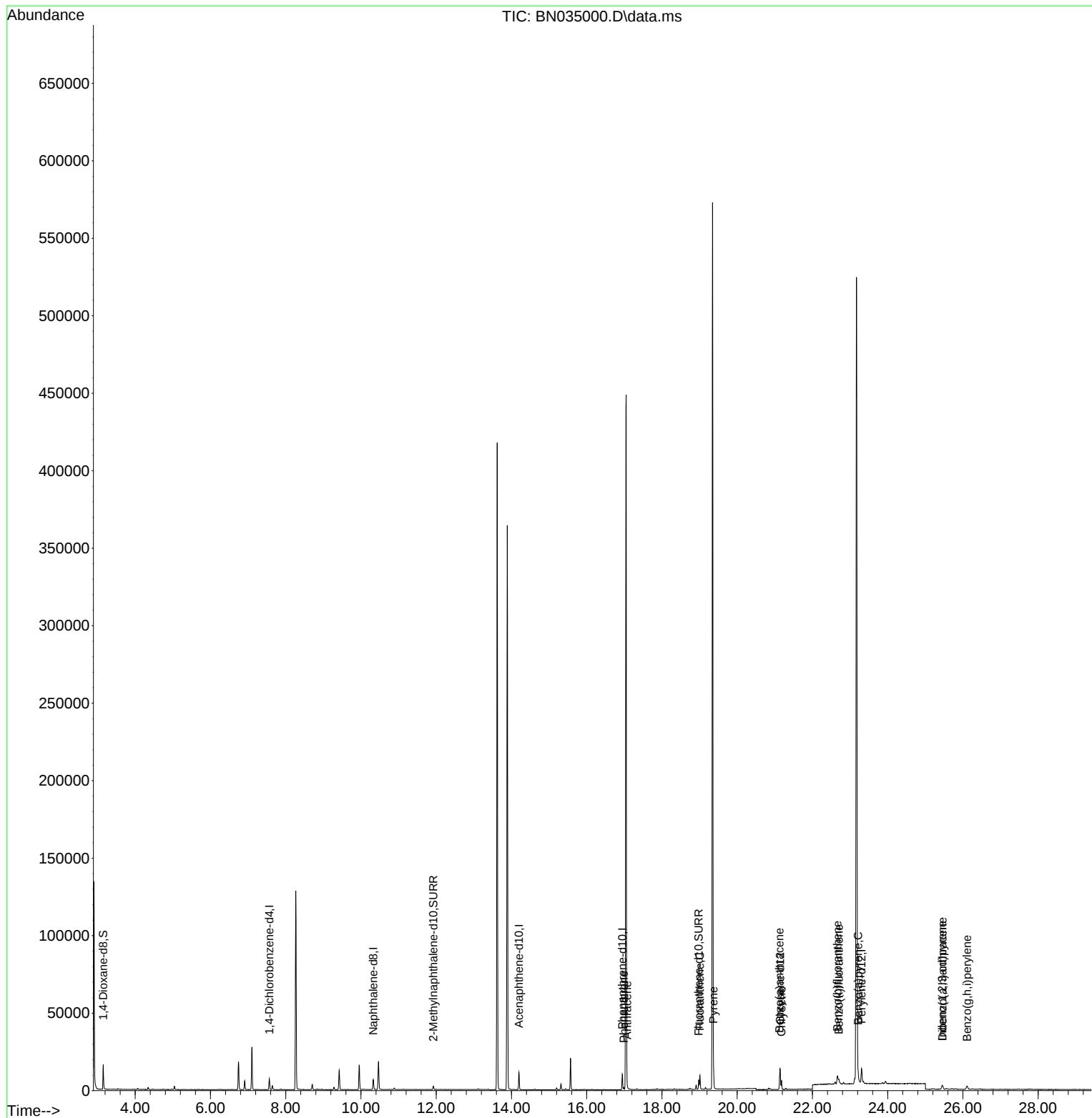
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035000.D
Acq On : 11 Nov 2024 12:12
Operator : RC/JU
Sample : P4636-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

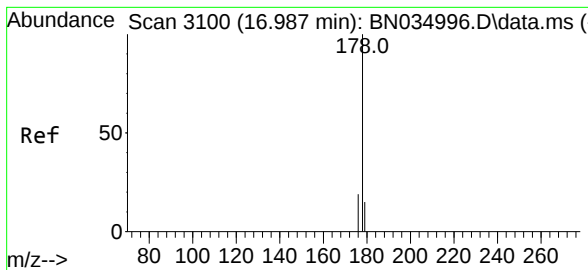
Instrument :
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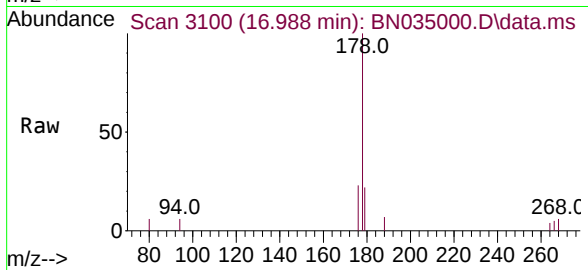
Quant Time: Nov 11 12:41:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.045 ng/ul
RT: 16.988 min Scan# 3100
Delta R.T. -0.008 min
Lab File: BN035000.D
Acq: 11 Nov 2024 12:12

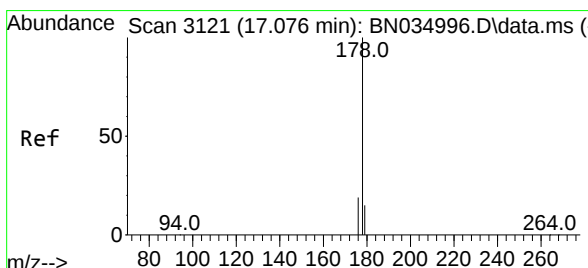
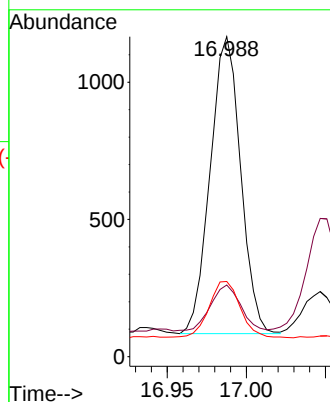
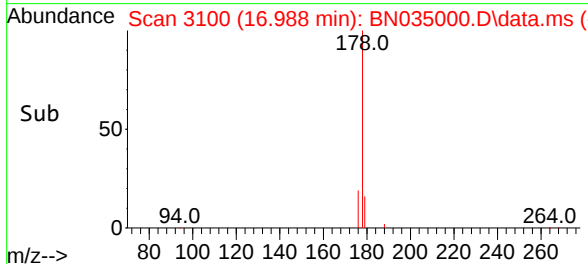
Instrument :
BNA_N
ClientSampleId :
CC0R1



Tgt Ion:178 Resp: 1448
Ion Ratio Lower Upper
178 100
179 22.4 13.4 20.2#
176 23.5 15.8 23.6#

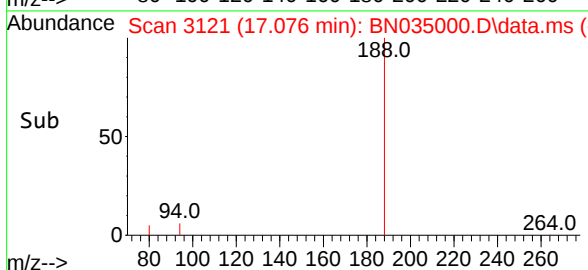
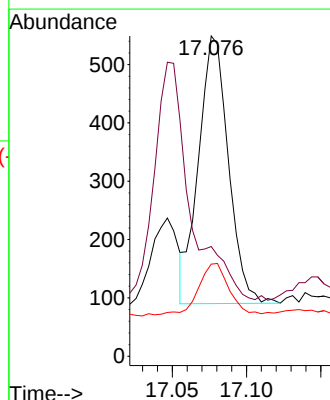
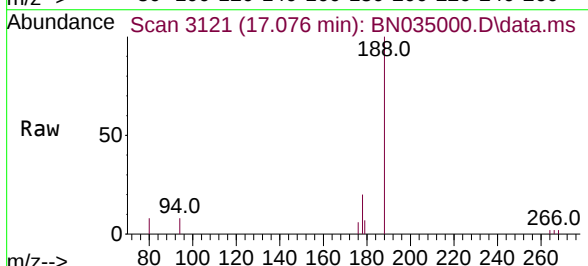
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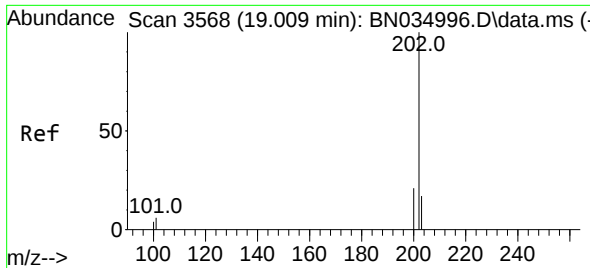
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



#16
Anthracene
Concen: 0.021 ng/ul
RT: 17.076 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BN035000.D
Acq: 11 Nov 2024 12:12

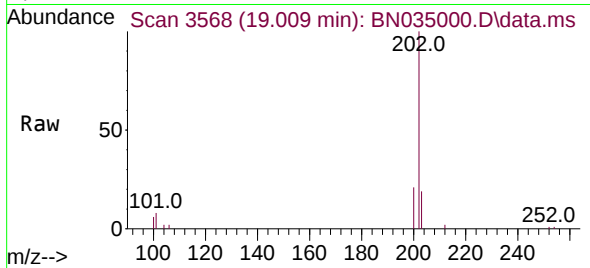
Tgt Ion:178 Resp: 642
Ion Ratio Lower Upper
178 100
179 34.2 13.3 19.9#
176 28.8 15.8 23.8#





#19
Fluoranthene
Concen: 0.217 ng/u1
RT: 19.009 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BN035000.D
Acq: 11 Nov 2024 12:12

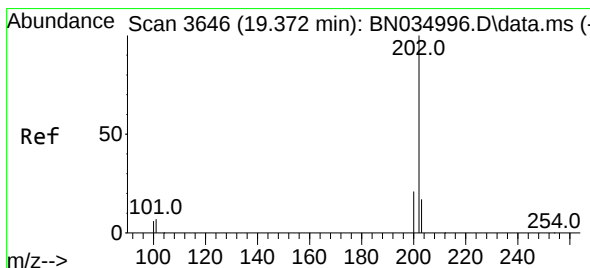
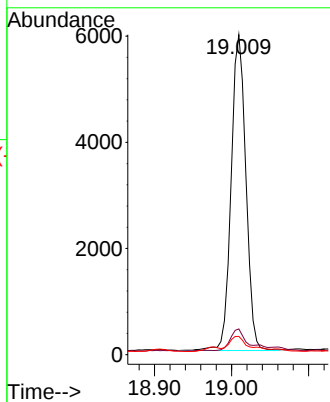
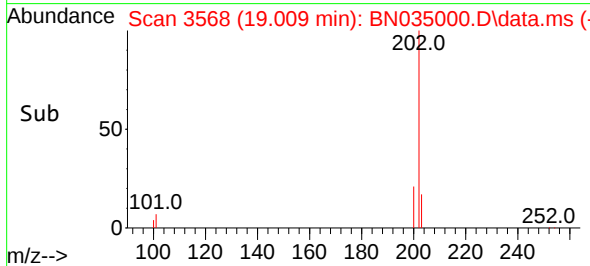
Instrument :
BNA_N
ClientSampleId :
CC0R1



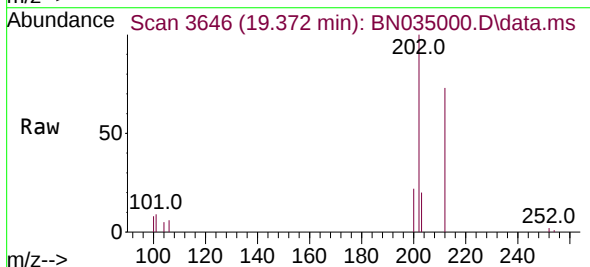
Tgt Ion:202 Resp: 7920
Ion Ratio Lower Upper
202 100
101 8.1 4.2 6.2#
100 5.7 3.2 4.8#

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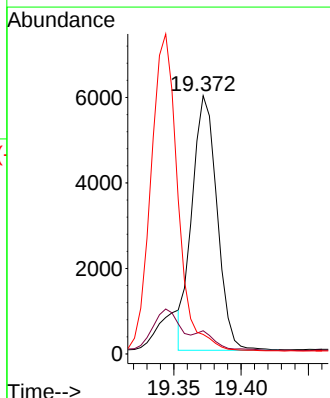
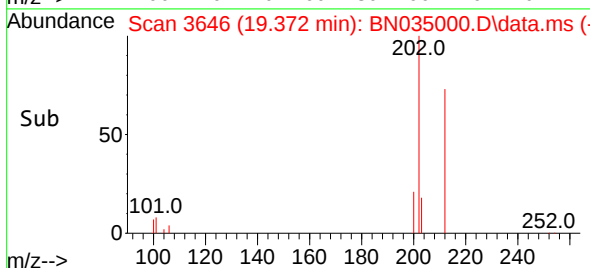
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024

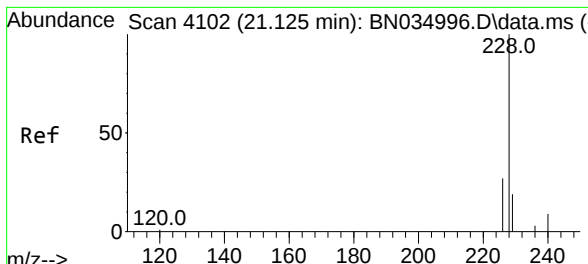


#20
Pyrene
Concen: 0.204 ng/u1 m
RT: 19.372 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BN035000.D
Acq: 11 Nov 2024 12:12



Tgt Ion:202 Resp: 7715
Ion Ratio Lower Upper
202 100
101 9.0 5.0 7.4#
100 7.5 4.1 6.1#





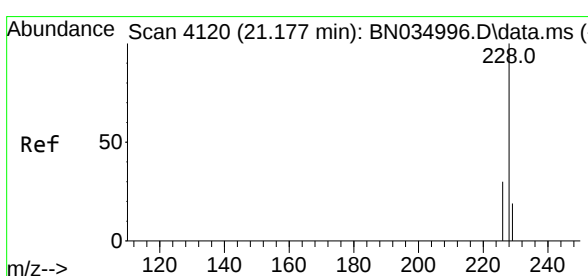
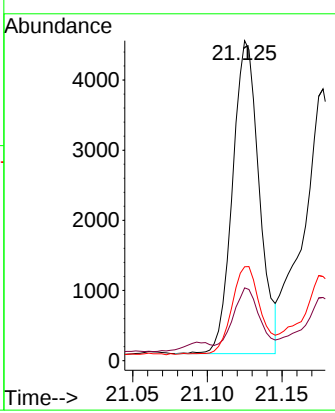
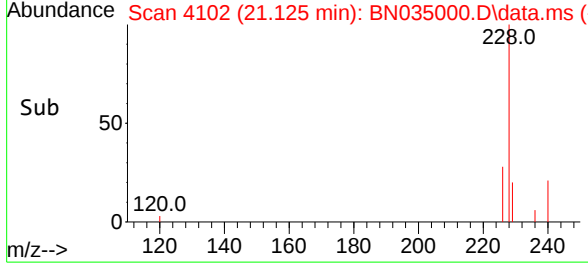
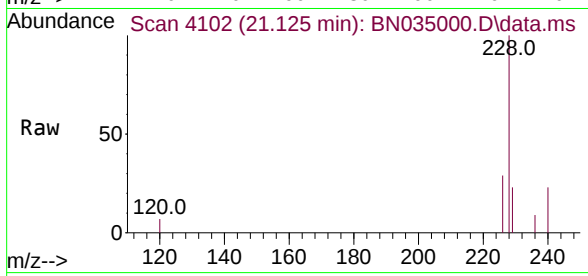
#21
 Benzo(a)anthracene
 Concen: 0.140 ng/ul
 RT: 21.125 min Scan# 4102
 Delta R.T. -0.006 min
 Lab File: BN035000.D
 Acq: 11 Nov 2024 12:12

Instrument :
 BNA_N
 ClientSampleId :
 CC0R1

Tgt Ion:228 Resp: 5530

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.8	23.8
226	29.4	22.2	33.2

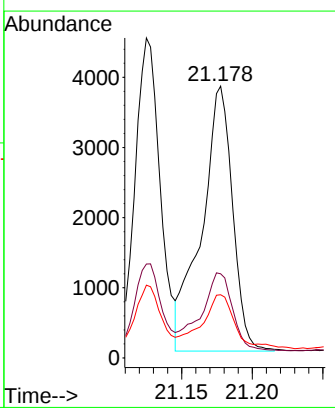
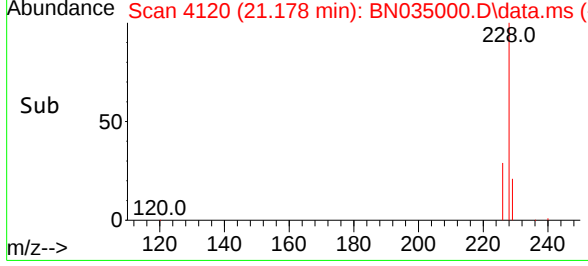
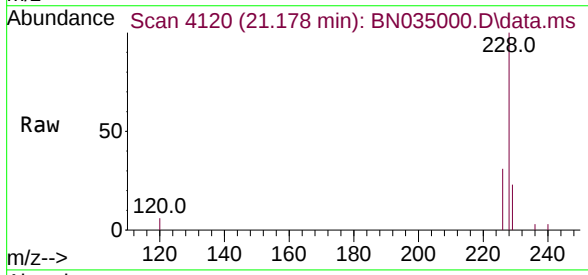
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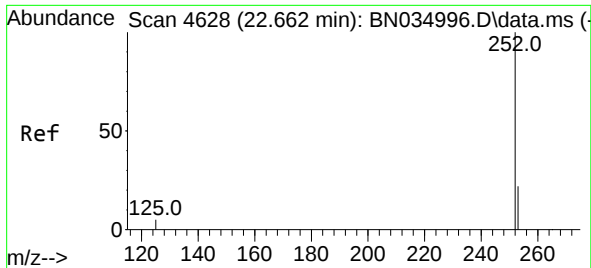


#22
 Chrysene
 Concen: 0.143 ng/ul m
 RT: 21.178 min Scan# 4120
 Delta R.T. -0.006 min
 Lab File: BN035000.D
 Acq: 11 Nov 2024 12:12

Tgt Ion:228 Resp: 5770

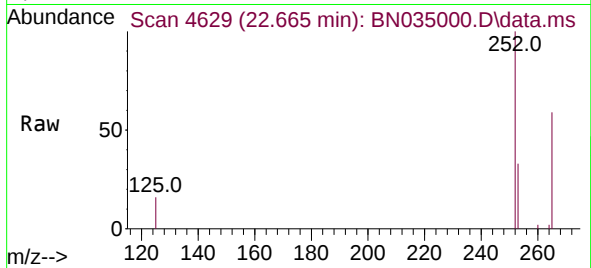
Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.4
229	23.3	15.4	23.2





#24
Benzo(b)fluoranthene
Concen: 0.231 ng/ul m
RT: 22.665 min Scan# 4628
Delta R.T. -0.006 min
Lab File: BN035000.D
Acq: 11 Nov 2024 12:12

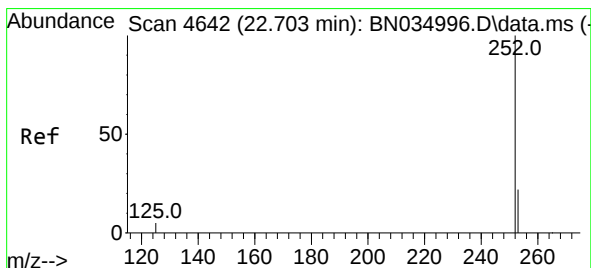
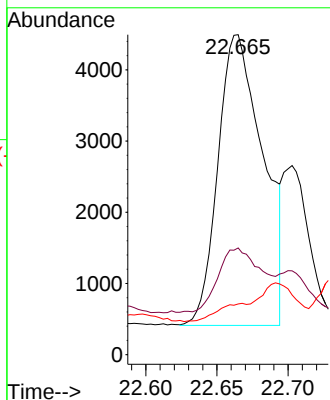
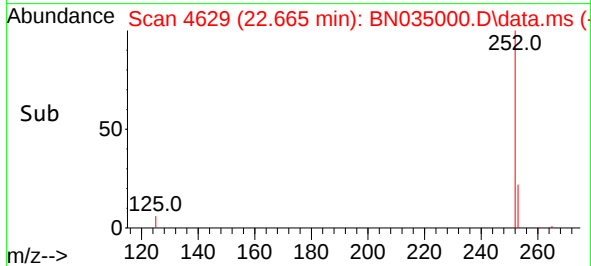
Instrument :
BNA_N
ClientSampleId :
CC0R1



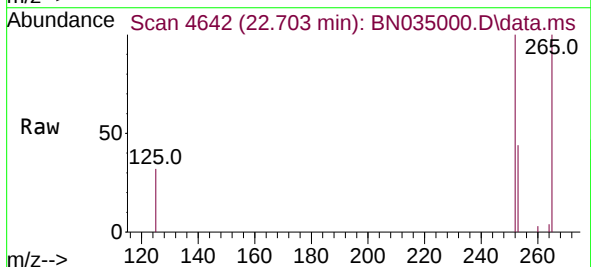
Tgt Ion:252 Resp: 900
Ion Ratio Lower Upper
252 100
253 33.4 0.0 50.0
125 15.9 0.0 14.0

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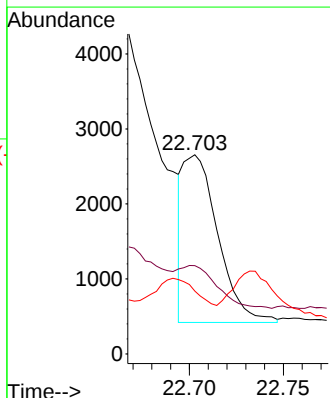
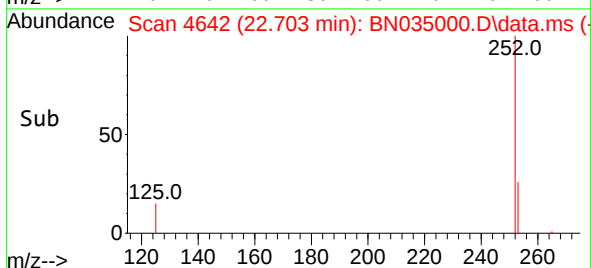
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024

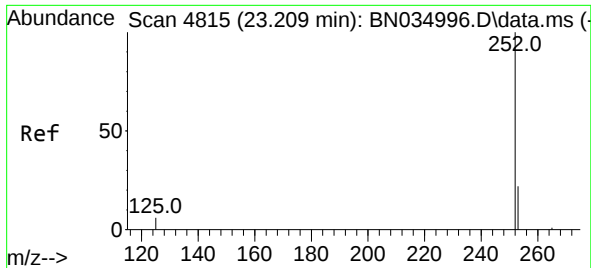


#25
Benzo(k)fluoranthene
Concen: 0.071 ng/ul m
RT: 22.703 min Scan# 4642
Delta R.T. -0.009 min
Lab File: BN035000.D
Acq: 11 Nov 2024 12:12



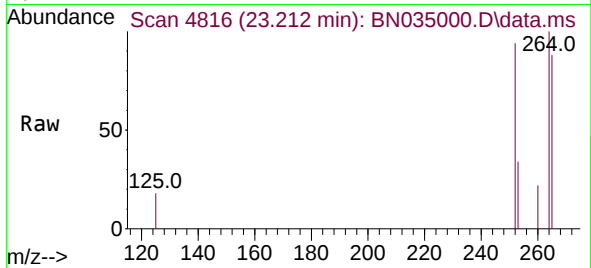
Tgt Ion:252 Resp: 2887
Ion Ratio Lower Upper
252 100
253 44.4 20.2 30.4#
125 31.6 5.8 8.8#





#26
Benzo(a)pyrene
Concen: 0.158 ng/ul m
RT: 23.212 min Scan# 4816
Delta R.T. -0.006 min
Lab File: BN035000.D
Acq: 11 Nov 2024 12:12

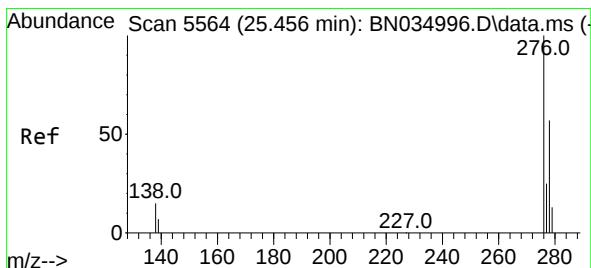
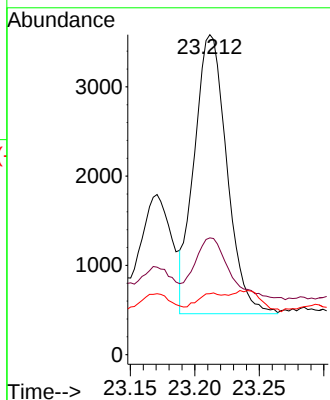
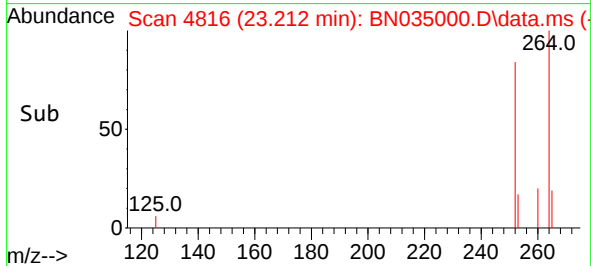
Instrument :
BNA_N
ClientSampleId :
CC0R1



Tgt Ion:252 Resp: 549
Ion Ratio Lower Upper
252 100
253 36.5 21.2 31.8
125 19.1 6.3 9.5

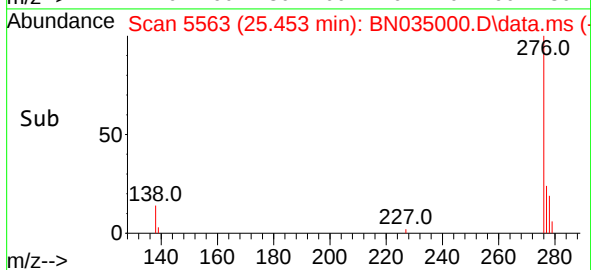
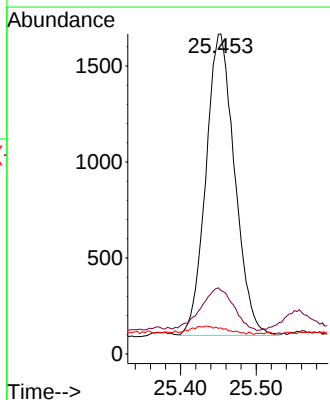
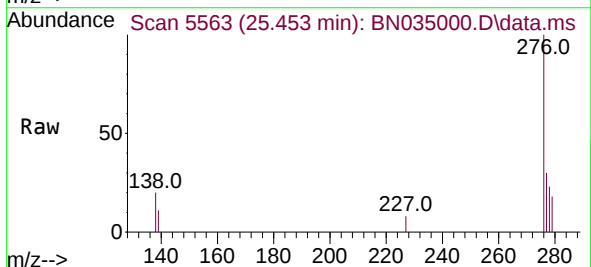
Manual Integrations
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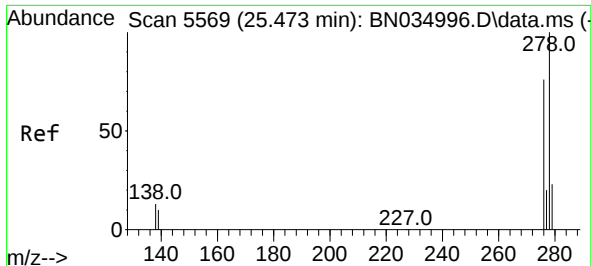
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.098 ng/ul m
RT: 25.453 min Scan# 5563
Delta R.T. -0.017 min
Lab File: BN035000.D
Acq: 11 Nov 2024 12:12

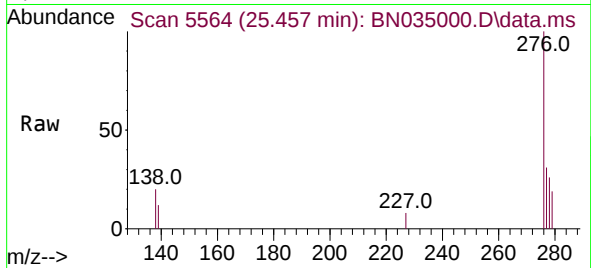
Tgt Ion:276 Resp: 4157
Ion Ratio Lower Upper
276 100
138 1.0 10.8 16.2#
227 0.0 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul m
RT: 25.457 min Scan# 51
Delta R.T. -0.030 min
Lab File: BN035000.D
Acq: 11 Nov 2024 12:12

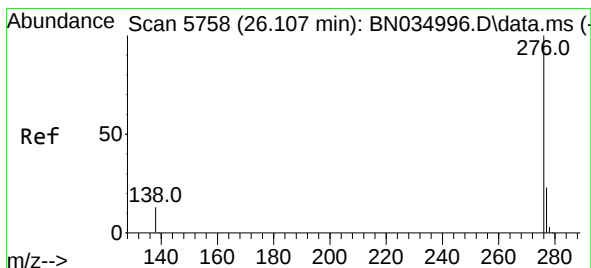
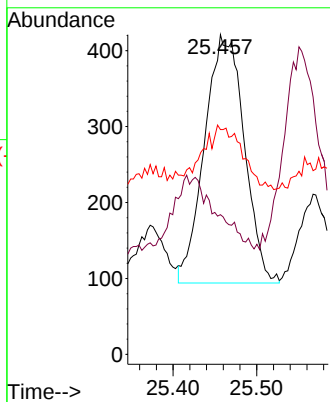
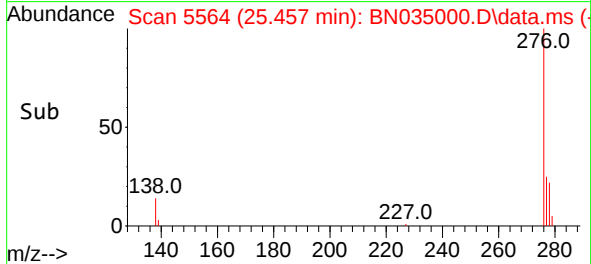
Instrument :
BNA_N
ClientSampleId :
CC0R1



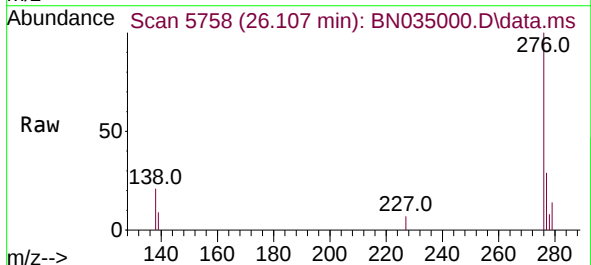
Tgt Ion:278 Resp: 1074
Ion Ratio Lower Upper
278 100
139 43.7 8.4 12.6
279 70.3 21.5 32.3

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.140 ng/ul m
RT: 26.107 min Scan# 5758
Delta R.T. -0.020 min
Lab File: BN035000.D
Acq: 11 Nov 2024 12:12



Tgt Ion:276 Resp: 4538
Ion Ratio Lower Upper
276 100
138 21.1 10.3 15.5#
277 29.5 20.2 30.2

