

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
 Data File : BN035243.D
 Acq On : 22 Nov 2024 15:58
 Operator : RC/JU
 Sample : P4872-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29Y7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 22 16:32:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 12:45:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.318	152	3418	0.400	ng/ul	0.00
4) Naphthalene-d8	10.069	136	8963	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.981	164	5828	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.747	188	12798m	0.400	ng/ul	0.00
17) Chrysene-d12	20.990	240	8211	0.400	ng/ul	# 0.00
23) Perylene-d12	23.092	264	6616m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.976	96	14996	4.800	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.670	152	4028	0.307	ng/ul	0.00
18) Fluoranthene-d10	18.800	212	10708	0.473	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.694	152	2040	0.088	ng/ul#	92
12) Fluorene	15.045	166	515	0.025	ng/ul#	89
15) Phenanthrene	16.789	178	9340	0.276	ng/ul	99
16) Anthracene	16.878	178	2827	0.090	ng/ul#	93
19) Fluoranthene	18.828	202	27636	0.967	ng/ul#	94
20) Pyrene	19.200	202	22200m	0.746	ng/ul	
21) Benzo(a)anthracene	20.973	228	9303	0.327	ng/ul	94
22) Chrysene	21.026	228	8900	0.310	ng/ul	97
24) Benzo(b)fluoranthene	22.478	252	9561m	0.437	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	3406m	0.151	ng/ul	
26) Benzo(a)pyrene	23.001	252	7005m	0.351	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.141	276	4525m	0.168	ng/ul	
28) Dibenzo(a,h)anthracene	25.151	278	1010m	0.048	ng/ul	
29) Benzo(g,h,i)perylene	25.762	276	4326m	0.203	ng/ul	

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

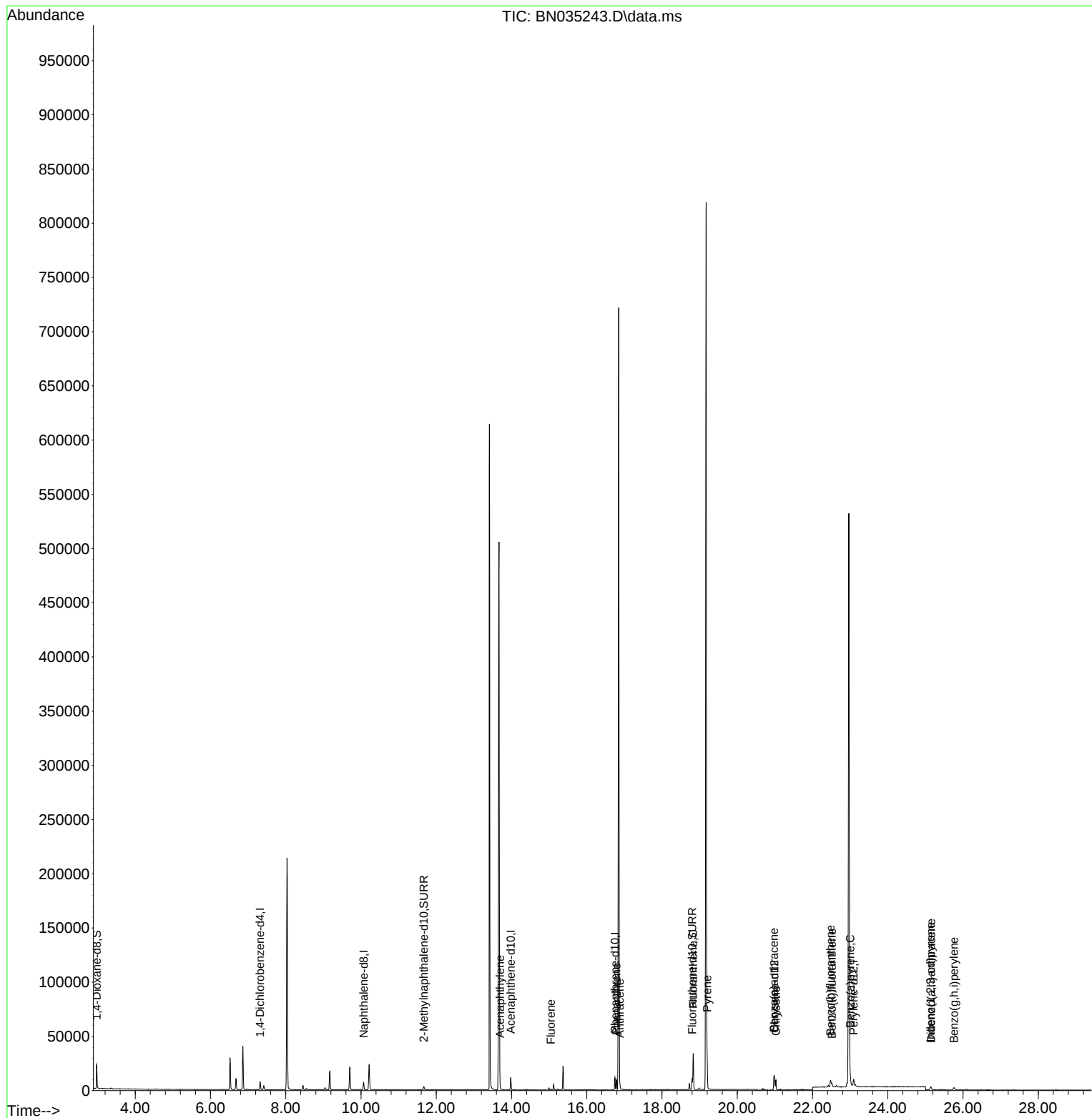
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035243.D
Acq On : 22 Nov 2024 15:58
Operator : RC/JU
Sample : P4872-20
Misc :
ALS Vial : 8 Sample Multiplier: 1

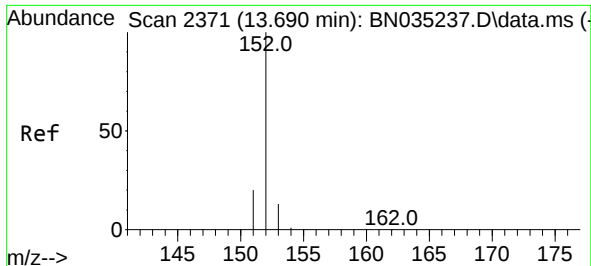
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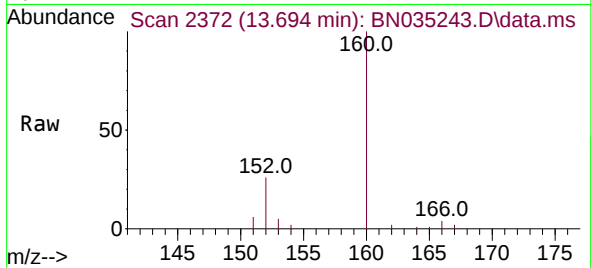
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.088 ng/ul
RT: 13.694 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN035243.D
Acq: 22 Nov 2024 15:58

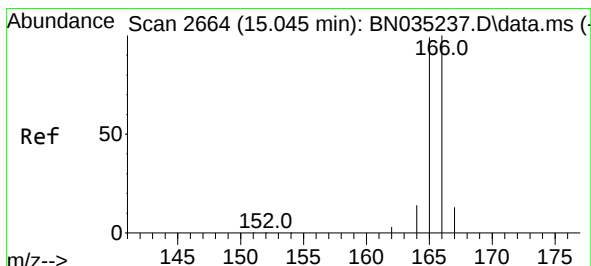
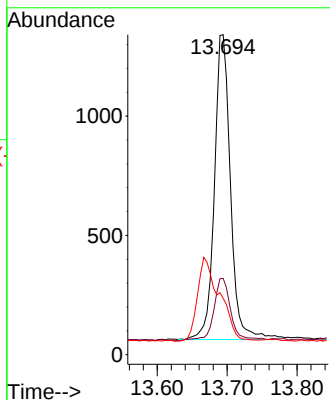
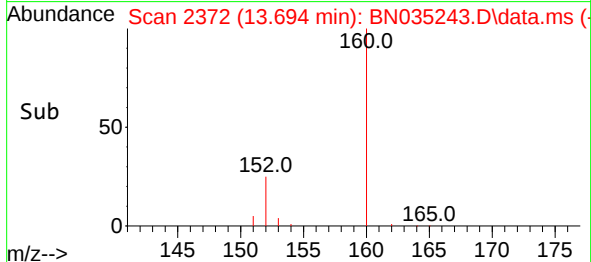
Instrument :
BNA_N
ClientSampleId :
E29Y7



Tgt Ion:152 Resp: 2040
Ion Ratio Lower Upper
152 100
151 23.9 16.4 24.6
153 17.7 11.1 16.7

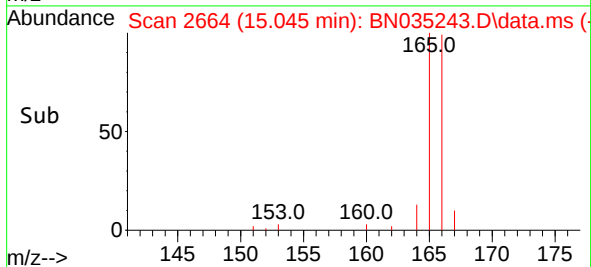
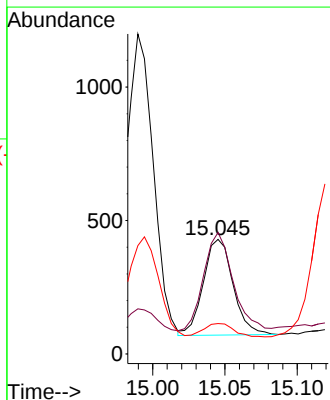
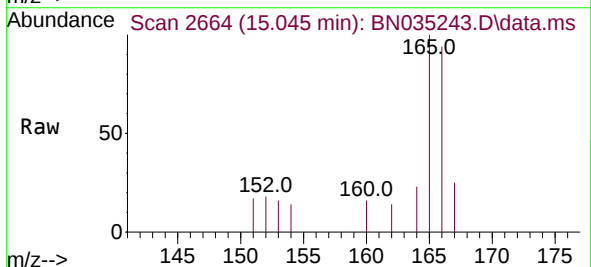
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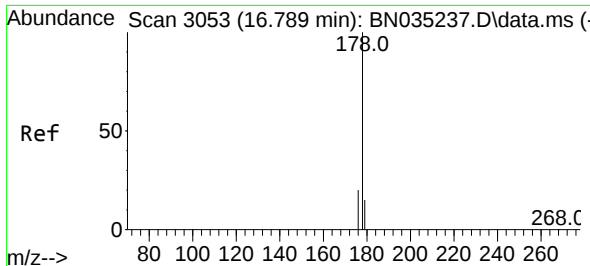
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.045 min Scan# 2664
Delta R.T. 0.000 min
Lab File: BN035243.D
Acq: 22 Nov 2024 15:58

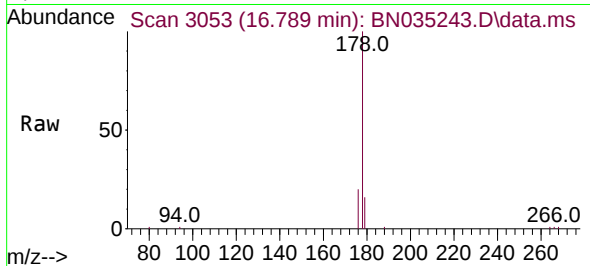
Tgt Ion:166 Resp: 515
Ion Ratio Lower Upper
166 100
165 106.1 78.6 118.0
167 26.6 11.8 17.6#





#15
Phenanthrene
Concen: 0.276 ng/ul
RT: 16.789 min Scan# 3053
Delta R.T. 0.000 min
Lab File: BN035243.D
Acq: 22 Nov 2024 15:58

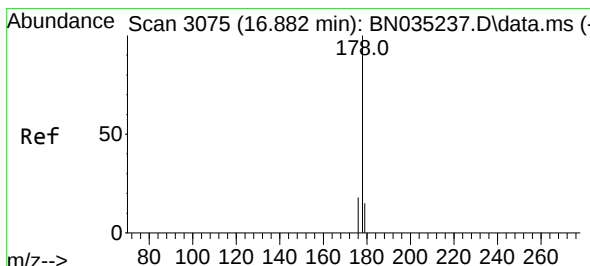
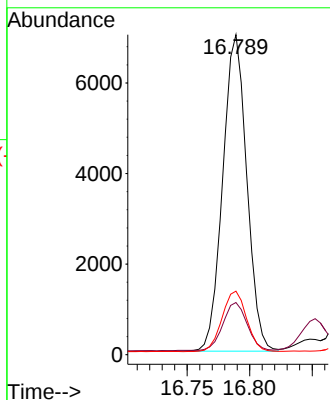
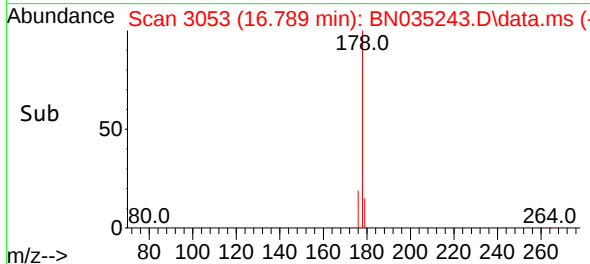
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:178 Resp: 9340
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.9 15.6 23.4

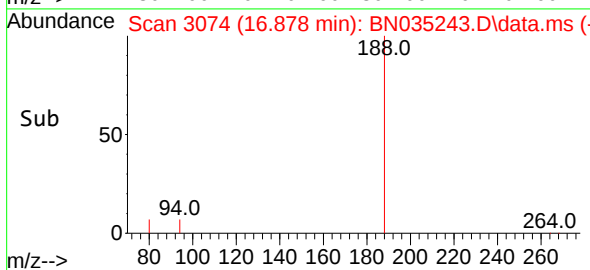
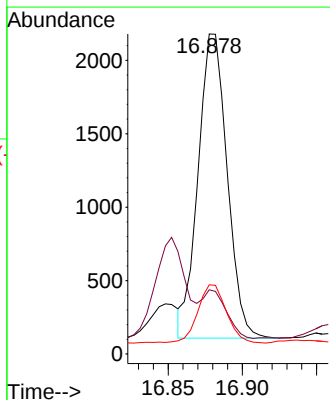
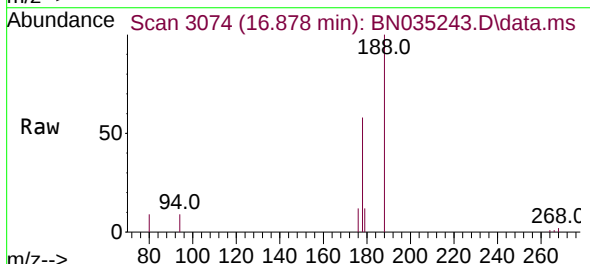
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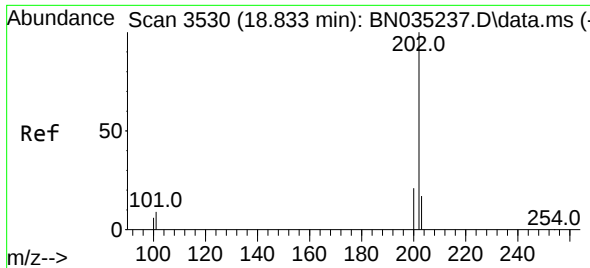
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#16
Anthracene
Concen: 0.090 ng/ul
RT: 16.878 min Scan# 3074
Delta R.T. -0.004 min
Lab File: BN035243.D
Acq: 22 Nov 2024 15:58

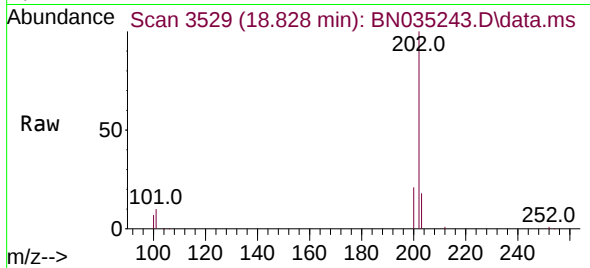
Tgt Ion:178 Resp: 2827
Ion Ratio Lower Upper
178 100
179 20.0 12.9 19.3#
176 21.6 15.4 23.2





#19
Fluoranthene
Concen: 0.967 ng/ul
RT: 18.828 min Scan# 3529
Delta R.T. -0.005 min
Lab File: BN035243.D
Acq: 22 Nov 2024 15:58

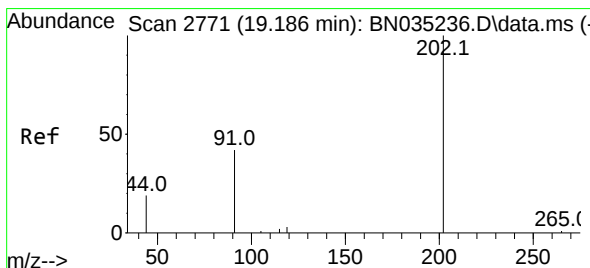
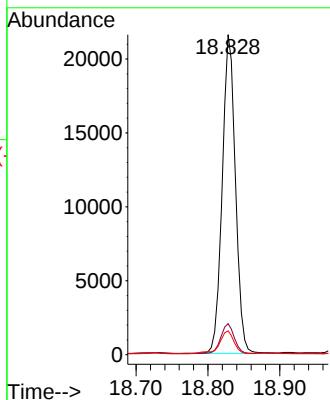
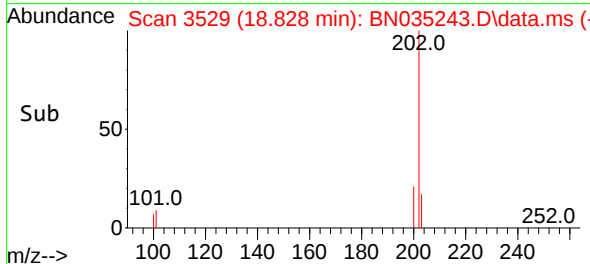
Instrument :
BNA_N
ClientSampleId :
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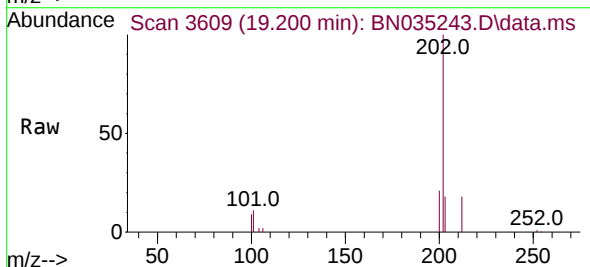
Tgt Ion:202 Resp: 27630
Ion Ratio Lower Upper
202 100
101 9.7 5.8 8.6
100 7.5 4.5 6.7

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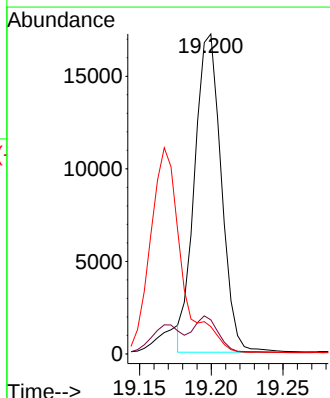
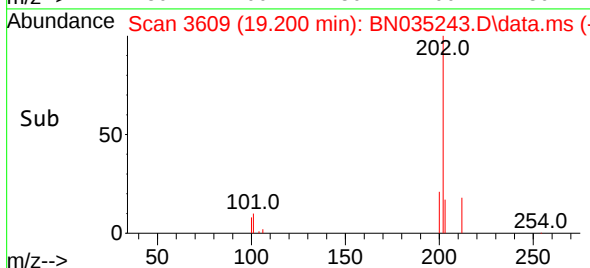
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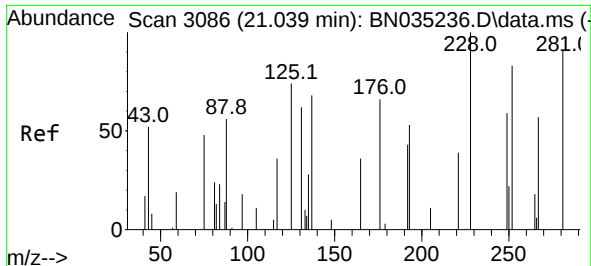


#20
Pyrene
Concen: 0.746 ng/ul m
RT: 19.200 min Scan# 3609
Delta R.T. 0.000 min
Lab File: BN035243.D
Acq: 22 Nov 2024 15:58



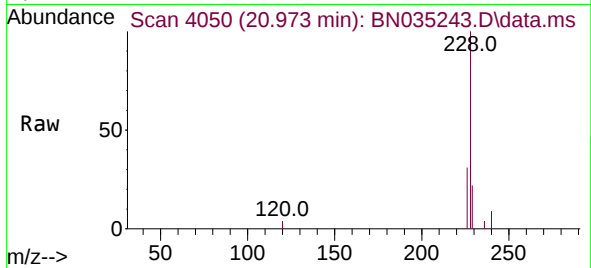
Tgt Ion:202 Resp: 22200
Ion Ratio Lower Upper
202 100
101 10.6 6.2 9.4#
100 8.5 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.327 ng/ul
RT: 20.973 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BN035243.D
Acq: 22 Nov 2024 15:58

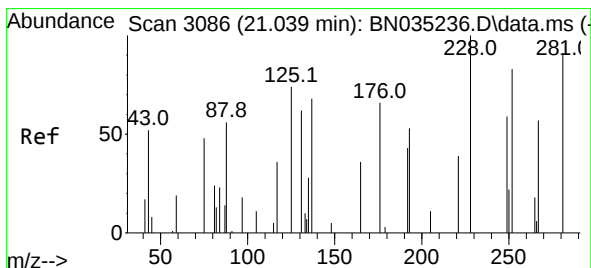
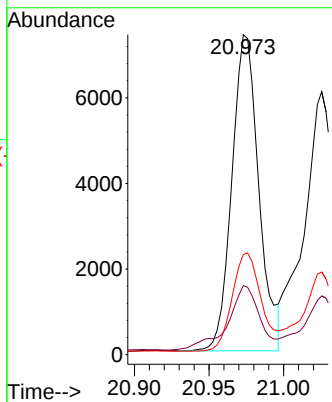
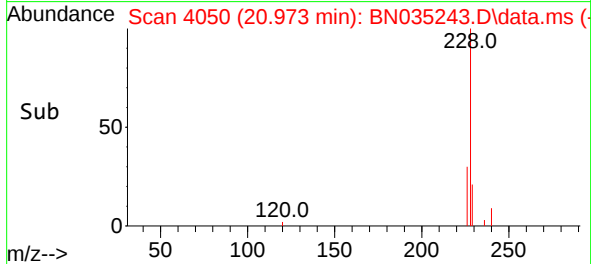
Instrument :
BNA_N
ClientSampleId :
E29Y7



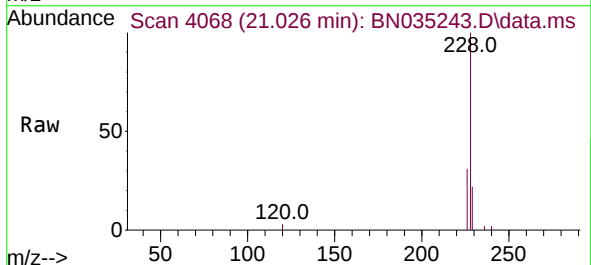
Tgt Ion:228 Resp: 9300
Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.8
226 31.3 21.8 32.8

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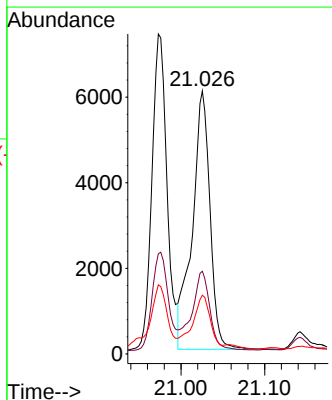
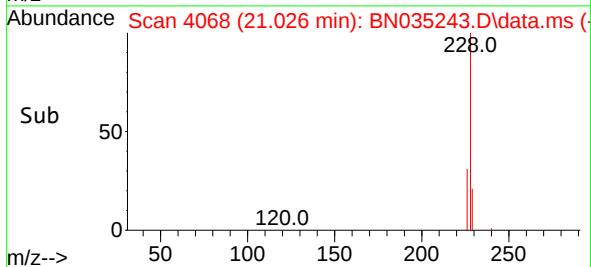
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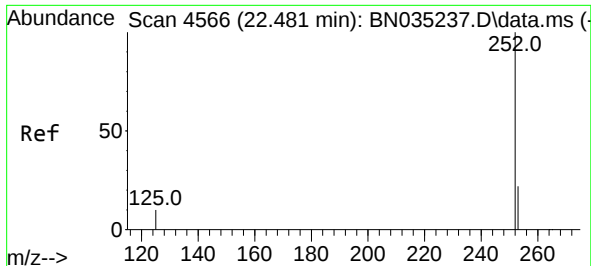


#22
Chrysene
Concen: 0.310 ng/ul
RT: 21.026 min Scan# 4068
Delta R.T. -0.003 min
Lab File: BN035243.D
Acq: 22 Nov 2024 15:58



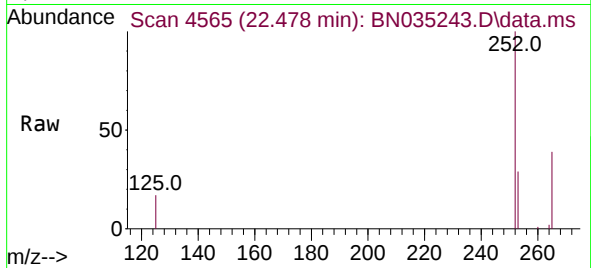
Tgt Ion:228 Resp: 8900
Ion Ratio Lower Upper
228 100
226 31.5 24.7 37.1
229 22.3 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.437 ng/ul m
RT: 22.478 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BN035243.D
Acq: 22 Nov 2024 15:58

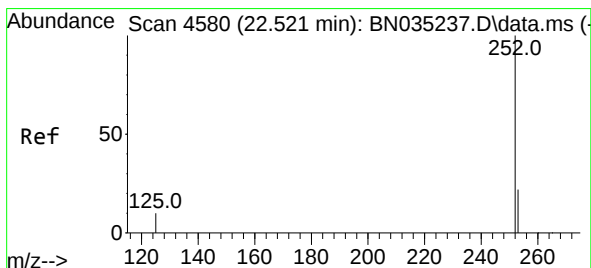
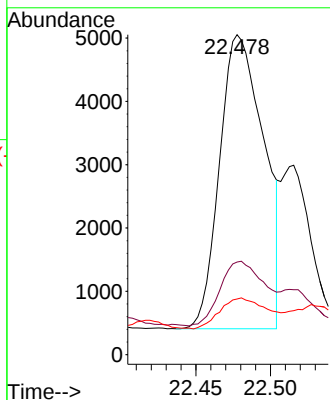
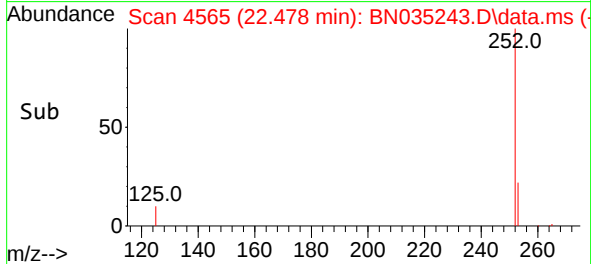
Instrument :
BNA_N
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E29Y7



Tgt Ion:252 Resp: 956
Ion Ratio Lower Upper
252 100
253 28.9 0.0 54.0
125 17.4 0.0 19.4

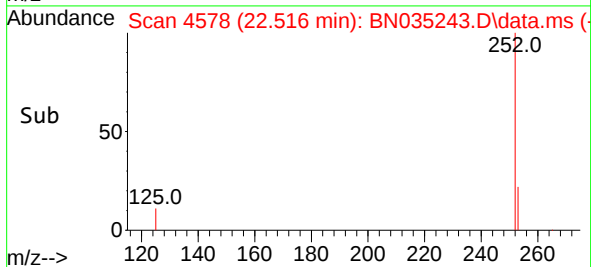
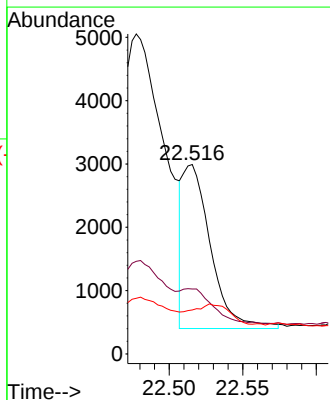
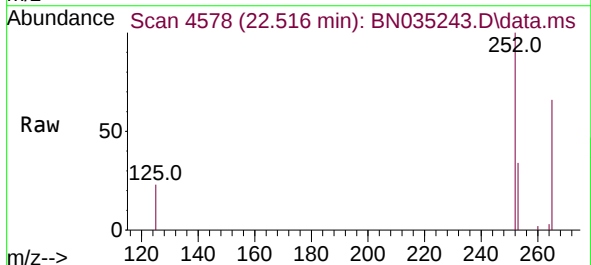
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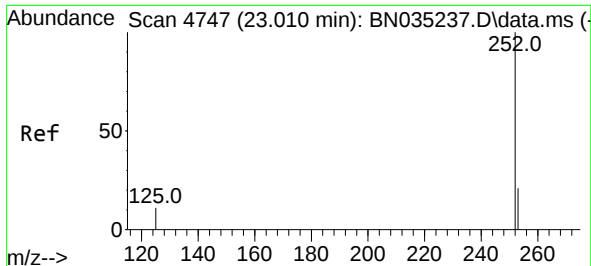
Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.151 ng/ul m
RT: 22.516 min Scan# 4578
Delta R.T. -0.006 min
Lab File: BN035243.D
Acq: 22 Nov 2024 15:58

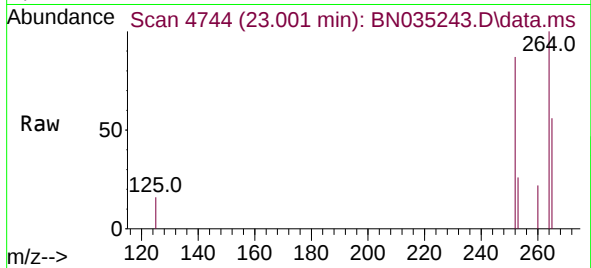
Tgt Ion:252 Resp: 3406
Ion Ratio Lower Upper
252 100
253 34.2 21.8 32.6#
125 23.2 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.351 ng/ul m
RT: 23.001 min Scan# 4747
Delta R.T. -0.009 min
Lab File: BN035243.D
Acq: 22 Nov 2024 15:58

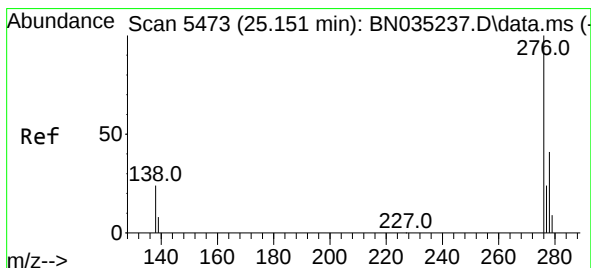
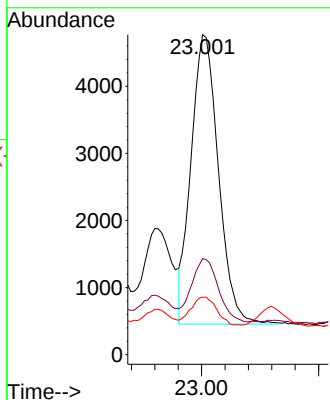
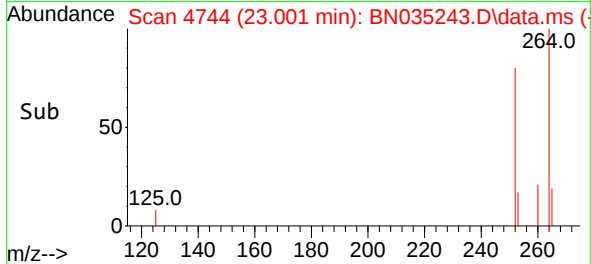
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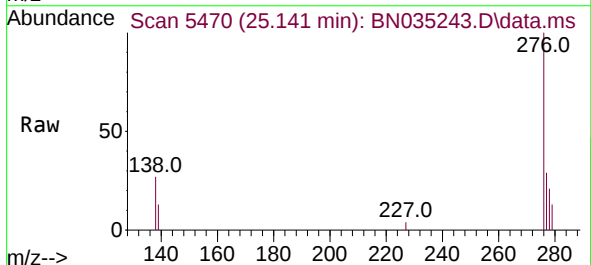
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Ion Ratio Lower Upper
252 100
253 30.0 22.9 34.3
125 18.0 9.4 14.2

Manual Integrations
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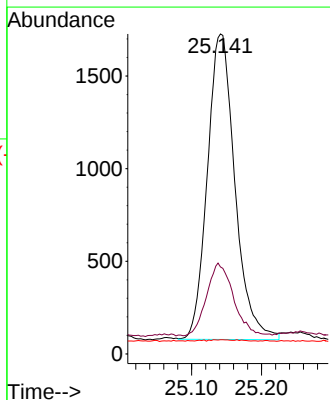
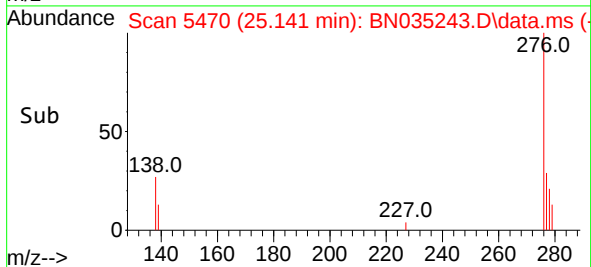
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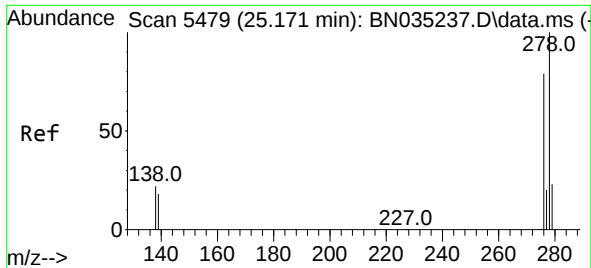


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.168 ng/ul m
RT: 25.141 min Scan# 5470
Delta R.T. -0.010 min
Lab File: BN035243.D
Acq: 22 Nov 2024 15:58



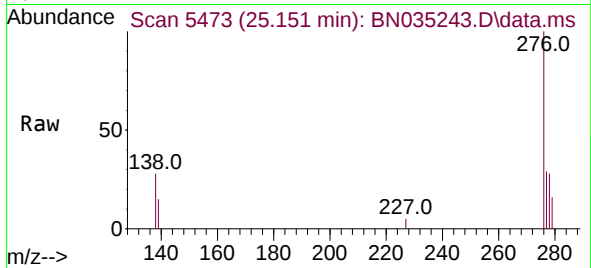
Tgt Ion:276 Resp: 4525
Ion Ratio Lower Upper
276 100
138 0.0 13.8 20.8#
227 0.0 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.048 ng/ul m
RT: 25.151 min Scan# 5479
Delta R.T. -0.020 min
Lab File: BN035243.D
Acq: 22 Nov 2024 15:58

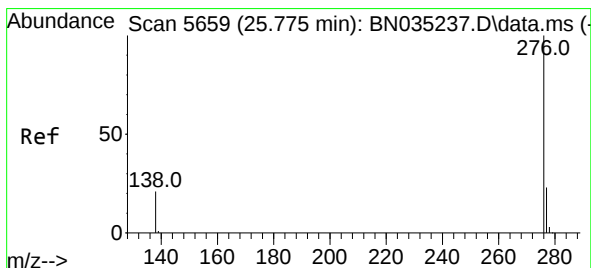
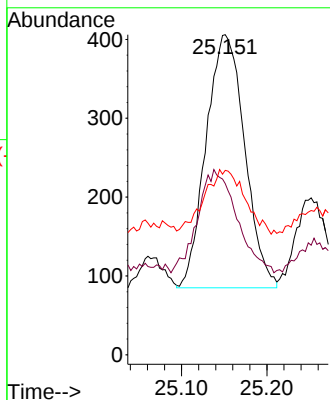
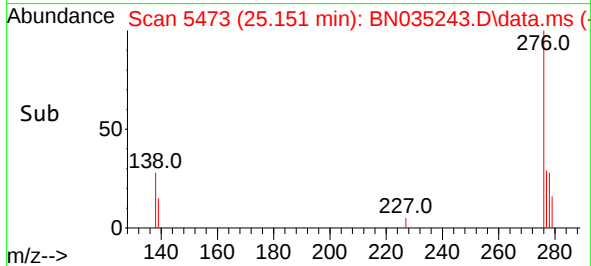
Instrument :
BNA_N
ClientSampleId :
E29Y7



Tgt Ion:278 Resp: 1010
Ion Ratio Lower Upper
278 100
139 53.4 10.7 16.1
279 57.6 22.8 34.2

Manual Integrations
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Supervised By :mohammad ahmed 11/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.203 ng/ul m
RT: 25.762 min Scan# 5655
Delta R.T. -0.013 min
Lab File: BN035243.D
Acq: 22 Nov 2024 15:58

Tgt Ion:276 Resp: 4326
Ion Ratio Lower Upper
276 100
138 27.3 13.0 19.6
277 26.9 20.5 30.7

