

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033102.D
 Acq On : 30 Jul 2024 12:38
 Operator : MA/JU
 Sample : P3336-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7E31

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 13:05:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 23:04:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.495	152	1436	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.251	136	5368	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.138	164	3380	0.400	ng/ul	#-0.03
13) Phenanthrene-d10	16.903	188	8007m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.145	240	7600m	0.400	ng/ul	-0.01
23) Perylene-d12	23.323	264	6205m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.056	96	7314	4.027	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.879	152	2563	0.293	ng/ul	-0.03
18) Fluoranthene-d10	18.953	212	7574	0.352	ng/ul	-0.03
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.856	152	1303	0.094	ng/ul#	81
11) Acenaphthene	14.203	153	530	0.051	ng/ul#	90
12) Fluorene	15.203	166	1670	0.138	ng/ul#	99
15) Phenanthrene	16.945	178	3872m	0.180	ng/ul	
16) Anthracene	17.034	178	2311m	0.120	ng/ul	
19) Fluoranthene	18.981	202	11301	0.452	ng/ul	98
20) Pyrene	19.344	202	6754m	0.252	ng/ul	
21) Benzo(a)anthracene	21.131	228	1412	0.054	ng/ul#	81
22) Chrysene	21.183	228	2698	0.089	ng/ul#	89
24) Benzo(b)fluoranthene	22.665	252	1162m	0.064	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	606m	0.028	ng/ul	

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

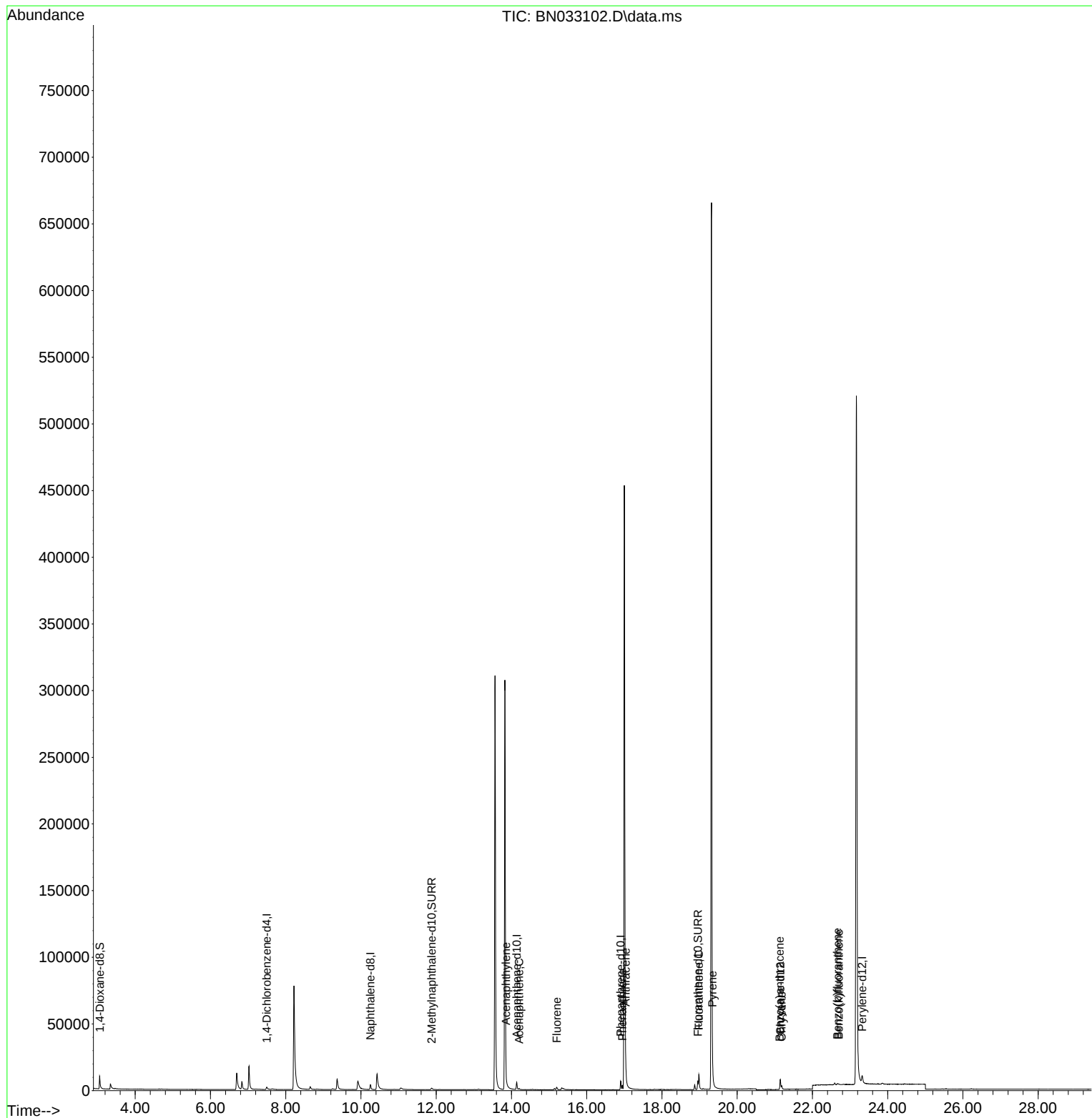
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033102.D
Acq On : 30 Jul 2024 12:38
Operator : MA/JU
Sample : P3336-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

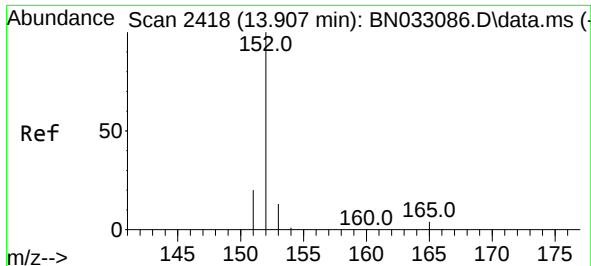
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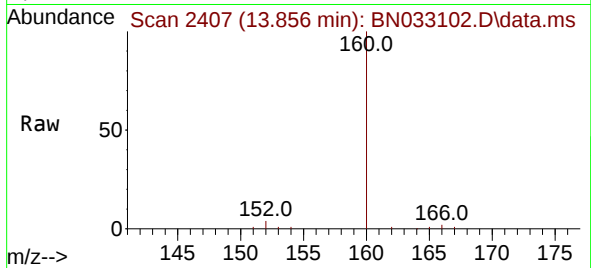
Quant Time: Jul 30 13:05:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 23:04:40 2024
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#10
Acenaphthylene
Concen: 0.094 ng/ul
RT: 13.856 min Scan# 2418
Delta R.T. -0.042 min
Lab File: BN033102.D
Acq: 30 Jul 2024 12:38

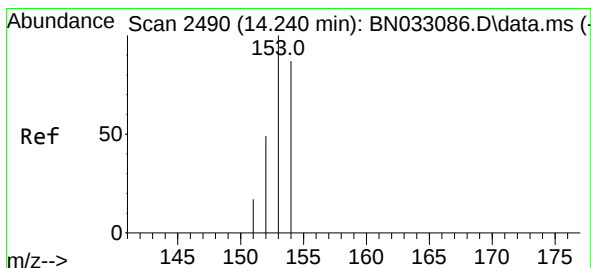
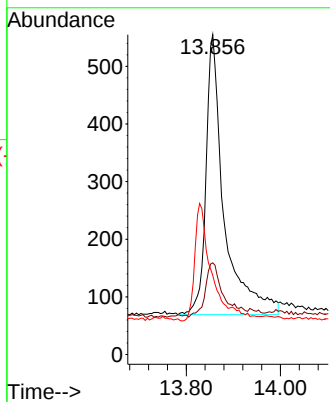
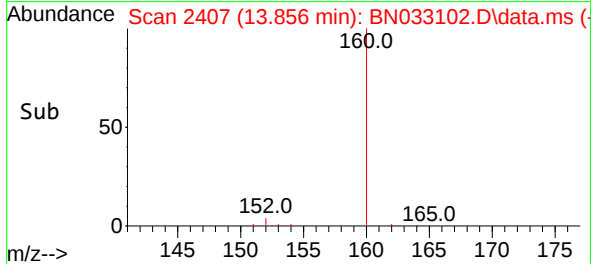
Instrument :
BNA_N
ClientSampleId :
F7E31



Tgt Ion:152 Resp: 1300
Ion Ratio Lower Upper
152 100
151 28.6 16.8 25.2
153 24.7 11.9 17.9

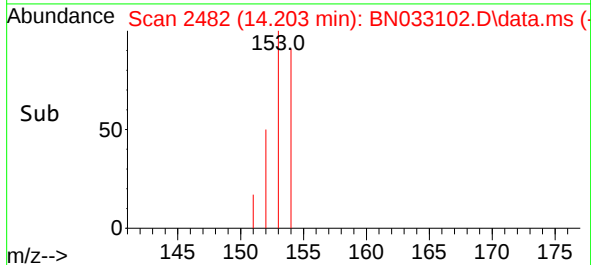
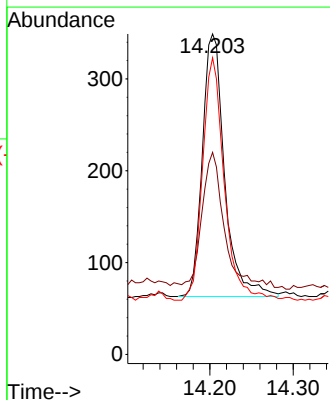
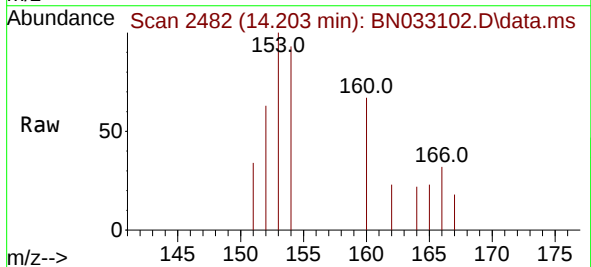
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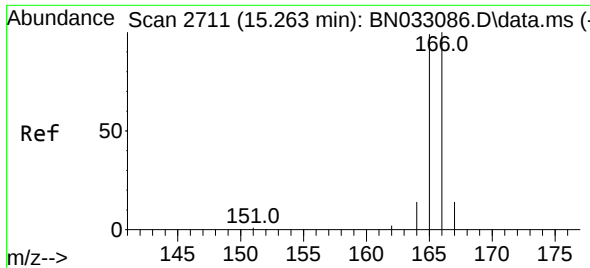
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#11
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.203 min Scan# 2482
Delta R.T. -0.032 min
Lab File: BN033102.D
Acq: 30 Jul 2024 12:38

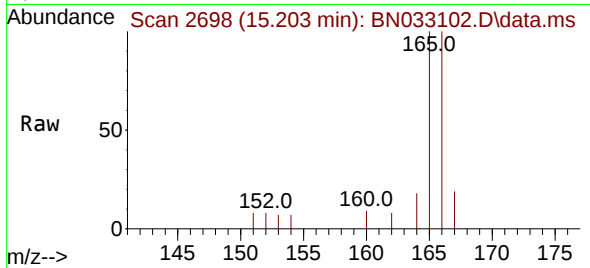
Tgt Ion:153 Resp: 530
Ion Ratio Lower Upper
153 100
152 63.0 40.0 60.0
154 92.6 70.1 105.1





#12
Fluorene
Concen: 0.138 ng/ul
RT: 15.203 min Scan# 2698
Delta R.T. -0.042 min
Lab File: BN033102.D
Acq: 30 Jul 2024 12:38

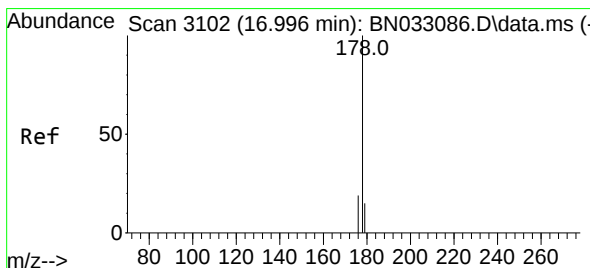
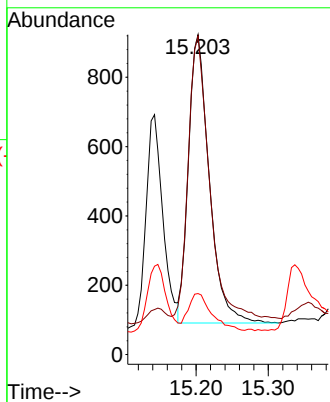
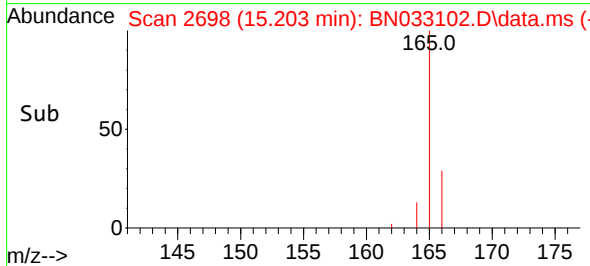
Instrument :
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ClientSampleId :
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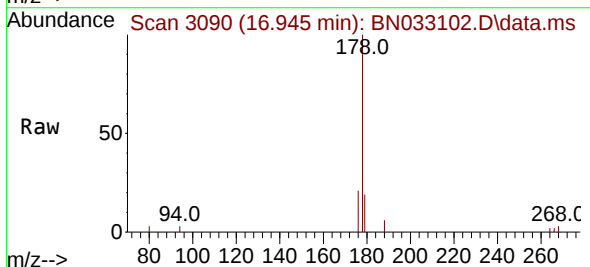
Tgt Ion:166 Resp: 1670
Ion Ratio Lower Upper
166 100
165 99.6 79.6 119.4
167 19.1 12.2 18.4

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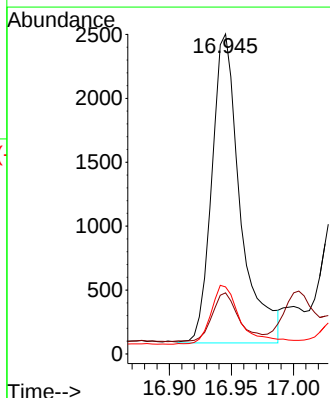
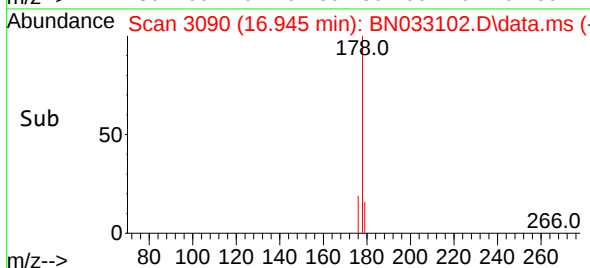
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

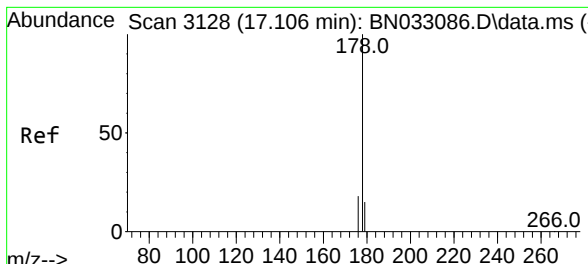


#15
Phenanthrene
Concen: 0.180 ng/ul m
RT: 16.945 min Scan# 3090
Delta R.T. -0.042 min
Lab File: BN033102.D
Acq: 30 Jul 2024 12:38



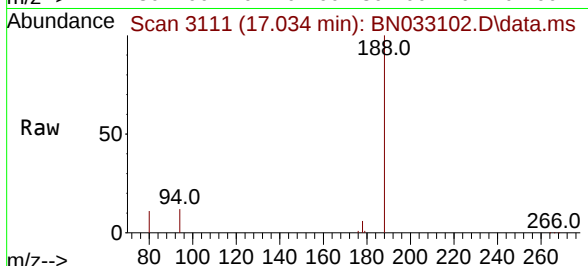
Tgt Ion:178 Resp: 3872
Ion Ratio Lower Upper
178 100
179 19.1 13.7 20.5
176 21.0 15.9 23.9





#16
 Anthracene
 Concen: 0.120 ng/ul m
 RT: 17.034 min Scan# 3111
 Delta R.T. -0.051 min
 Lab File: BN033102.D
 Acq: 30 Jul 2024 12:38

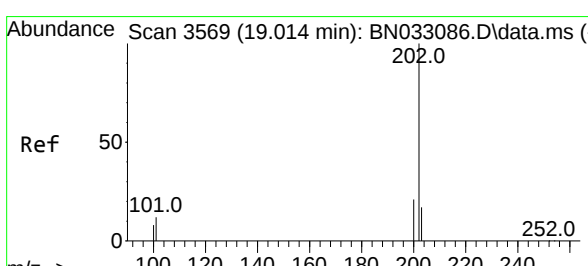
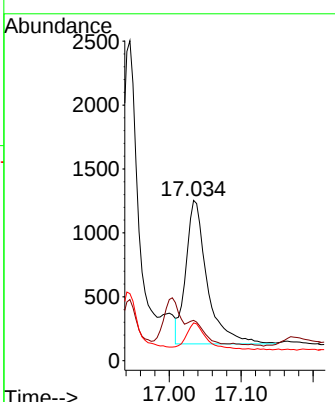
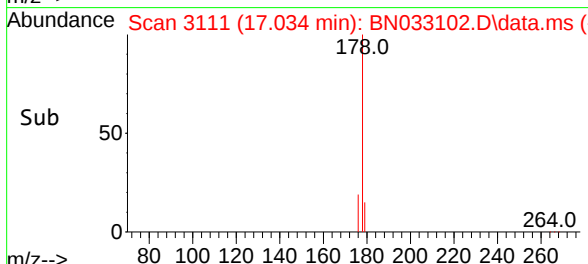
Instrument : BNA_N
 ClientSampleId : F7E31



Tgt Ion:178 Resp: 231

Ion	Ratio	Lower	Upper
178	100		
179	25.2	14.3	21.5
176	23.6	15.8	23.8

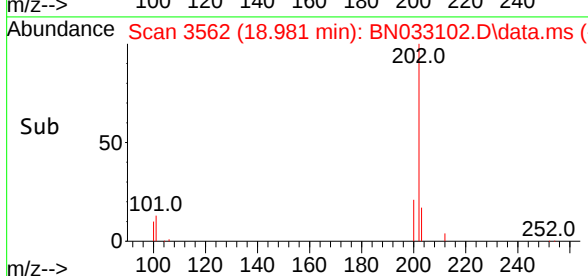
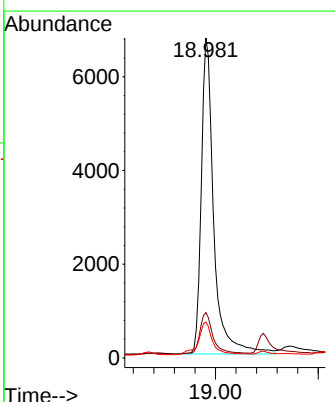
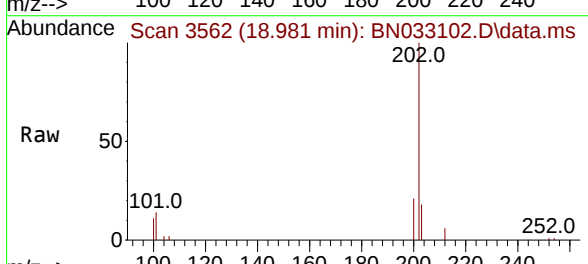
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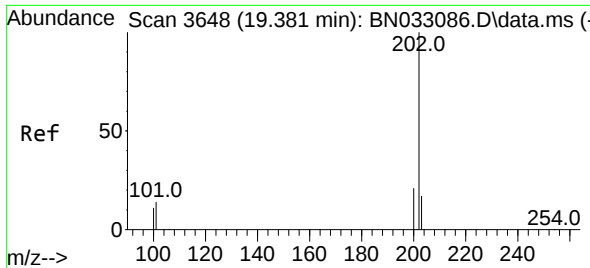


#19
 Fluoranthene
 Concen: 0.452 ng/ul
 RT: 18.981 min Scan# 3562
 Delta R.T. -0.032 min
 Lab File: BN033102.D
 Acq: 30 Jul 2024 12:38

Tgt Ion:202 Resp: 11301

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.7	16.1
100	11.2	8.3	12.5





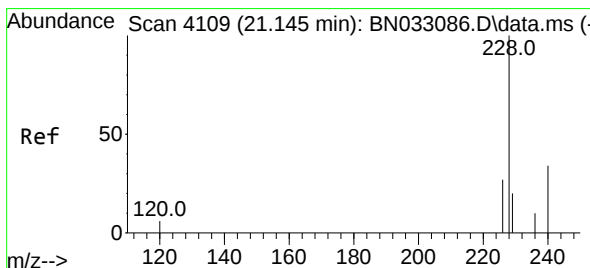
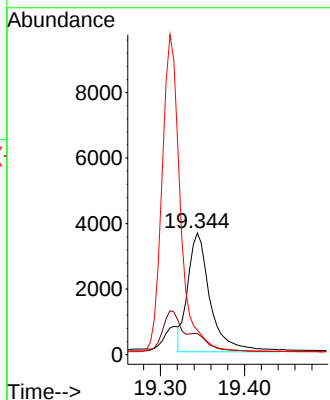
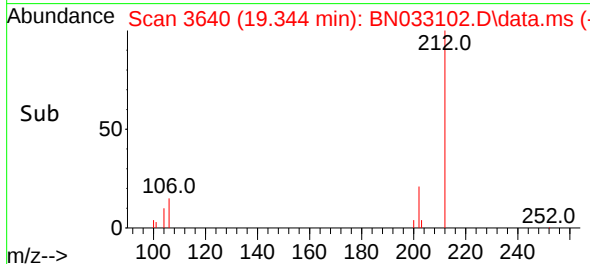
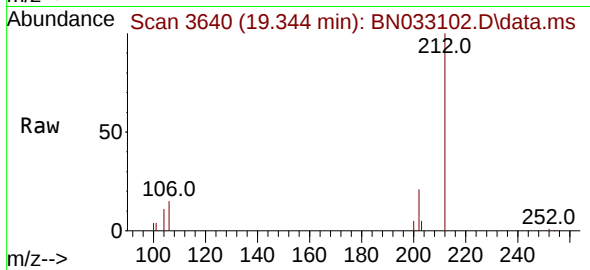
#20
Pyrene
Concen: 0.252 ng/ul m
RT: 19.344 min Scan# 3648
Delta R.T. -0.037 min
Lab File: BN033102.D
Acq: 30 Jul 2024 12:38

Instrument :
BNA_N
ClientSampleId :
F7E31

Tgt Ion:202 Resp: 6754
Ion Ratio Lower Upper
202 100
101 17.3 12.6 18.8
100 19.9 9.9 14.9

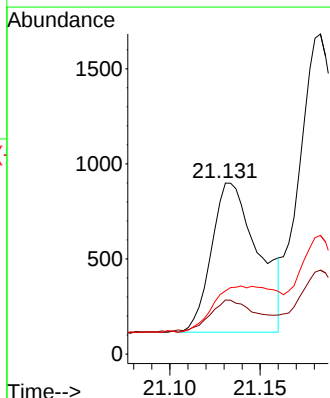
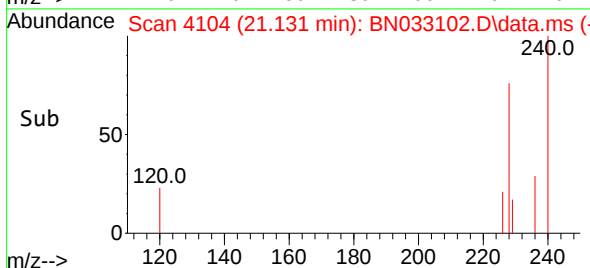
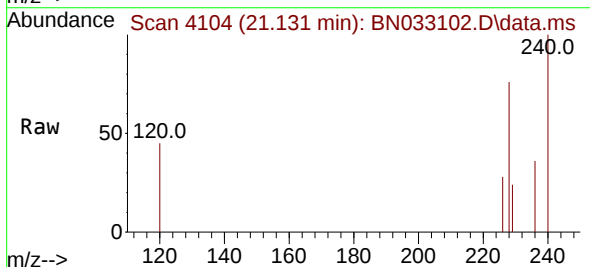
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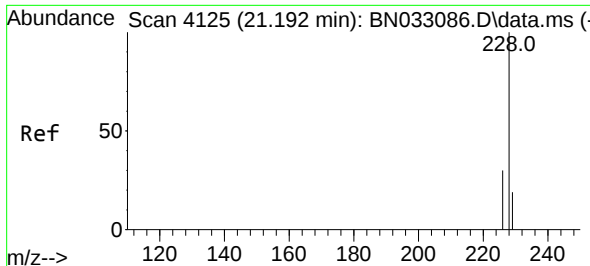
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#21
Benzo(a)anthracene
Concen: 0.054 ng/ul
RT: 21.131 min Scan# 4104
Delta R.T. -0.014 min
Lab File: BN033102.D
Acq: 30 Jul 2024 12:38

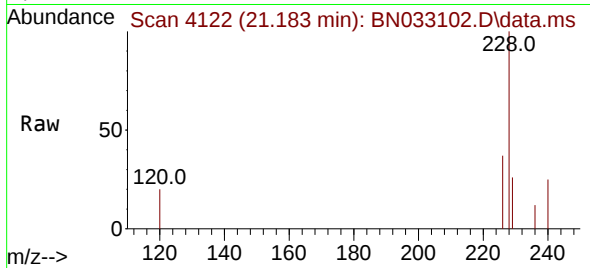
Tgt Ion:228 Resp: 1412
Ion Ratio Lower Upper
228 100
229 31.6 17.1 25.7#
226 36.9 22.4 33.6#





#22
Chrysene
Concen: 0.089 ng/ul
RT: 21.183 min Scan# 4125
Delta R.T. -0.012 min
Lab File: BN033102.D
Acq: 30 Jul 2024 12:38

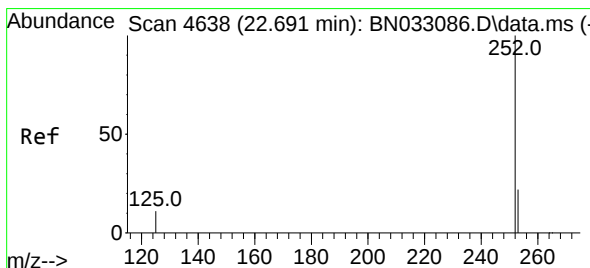
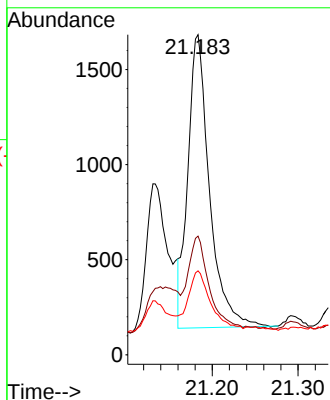
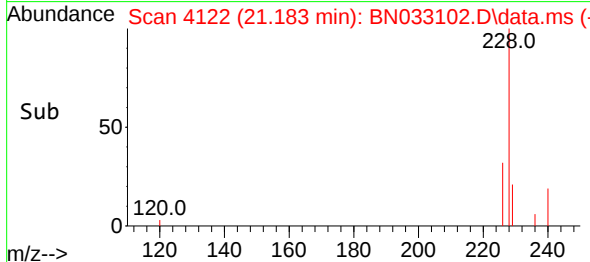
Instrument :
BNA_N
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F7E31



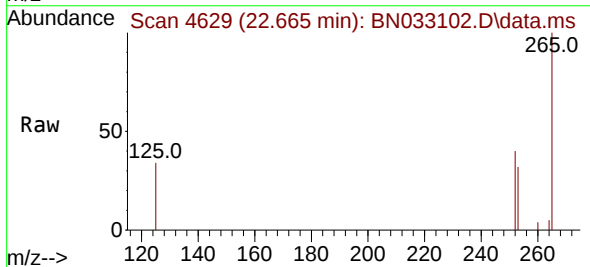
Tgt Ion:228 Resp: 2698
Ion Ratio Lower Upper
228 100
226 37.1 24.7 37.1
229 26.2 17.0 25.6

Manual Integrations
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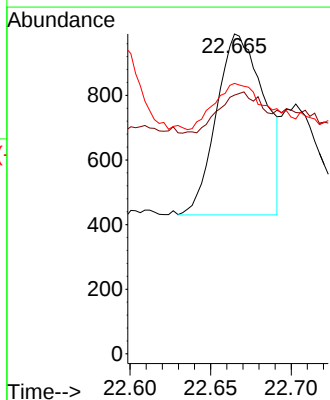
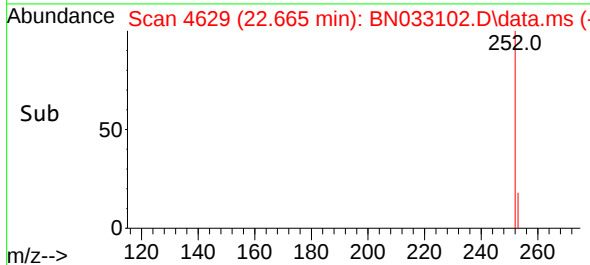
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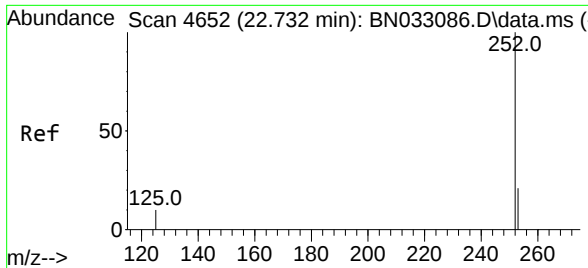


#24
Benzo(b)fluoranthene
Concen: 0.064 ng/ul m
RT: 22.665 min Scan# 4629
Delta R.T. -0.029 min
Lab File: BN033102.D
Acq: 30 Jul 2024 12:38



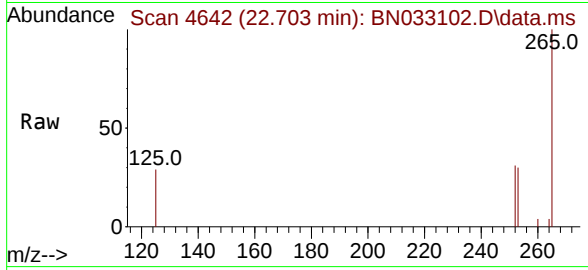
Tgt Ion:252 Resp: 1162
Ion Ratio Lower Upper
252 100
253 80.9 0.0 60.6#
125 84.5 0.0 51.0#





#25
Benzo(k)fluoranthene
Concen: 0.028 ng/ul m
RT: 22.703 min Scan# 4642
Delta R.T. -0.032 min
Lab File: BN033102.D
Acq: 30 Jul 2024 12:38

Instrument :
BNA_N
ClientSampleId :
F7E31



Tgt Ion:252 Resp: 600
Ion Ratio Lower Upper
252 100
253 96.6 24.9 37.3
125 94.0 20.9 31.3

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