

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032850.D
 Acq On : 19 Jul 2024 20:38
 Operator : MA/JU
 Sample : P3178-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BT7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 23:20:26 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	7.532	152	4135	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.299	136	12870	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.179	164	6884	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.944	188	12312m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.165	240	10217m	0.400	ng/ul	0.00
23) Perylene-d12	23.351	264	11187m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	11557	2.328	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.905	152	3218	0.165	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212	5716	0.172	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.901	152	1146	0.041	ng/ul#	75
15) Phenanthrene	16.982	178	3516m	0.105	ng/ul	
16) Anthracene	17.079	178	967m	0.035	ng/ul	
19) Fluoranthene	19.017	202	7465	0.180	ng/ul	97
20) Pyrene	19.380	202	7605m	0.177	ng/ul	
21) Benzo(a)anthracene	21.150	228	4456	0.137	ng/ul#	78
22) Chrysene	21.203	228	4315	0.092	ng/ul#	82
24) Benzo(b)fluoranthene	22.699	252	6726m	0.170	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	2228m	0.046	ng/ul	
26) Benzo(a)pyrene	23.251	252	4247	0.124	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	25.569	276	3530	0.076	ng/ul#	98
29) Benzo(g,h,i)perylene	26.253	276	3725	0.096	ng/ul#	59

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

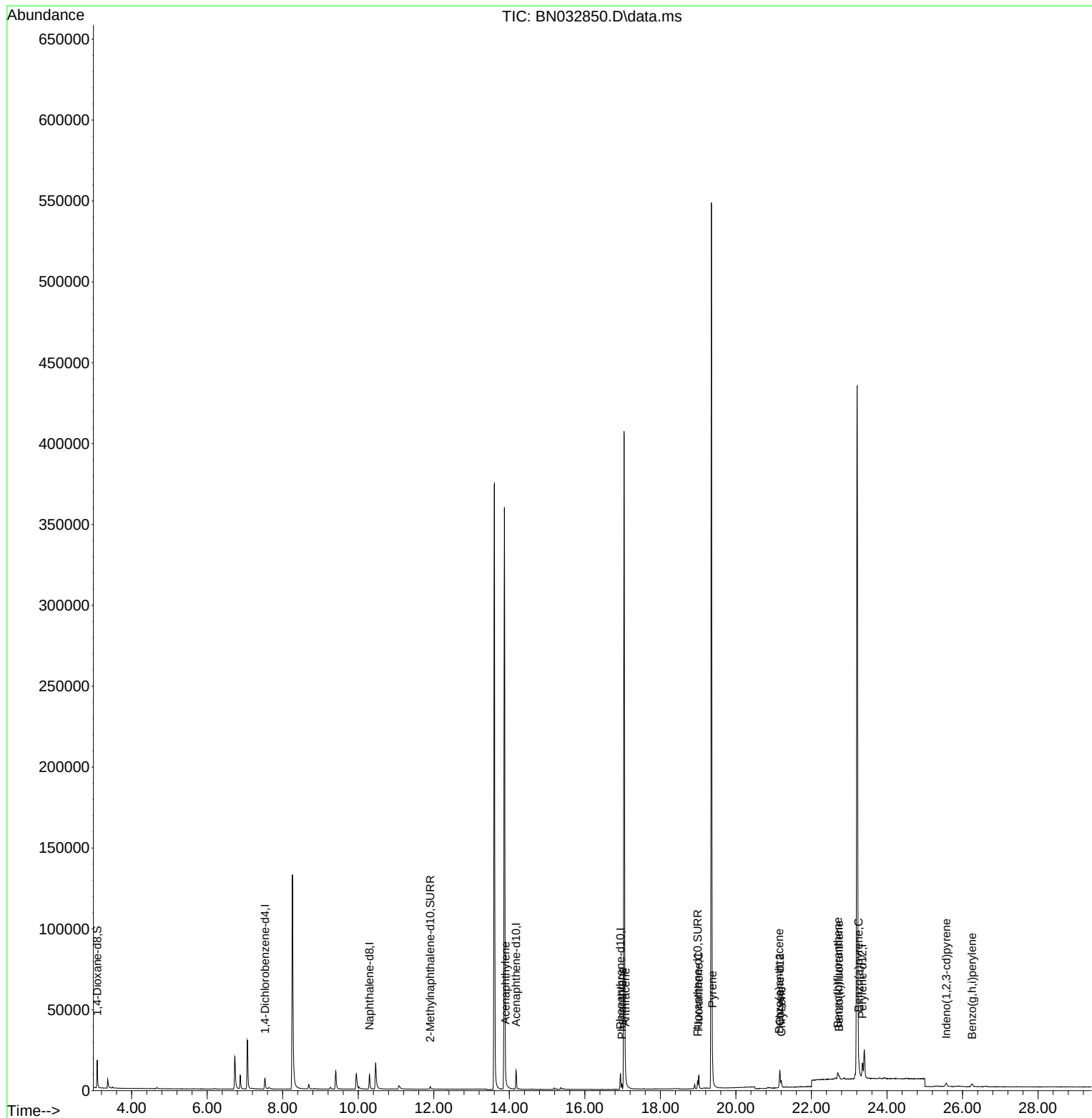
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032850.D
Acq On : 19 Jul 2024 20:38
Operator : MA/JU
Sample : P3178-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

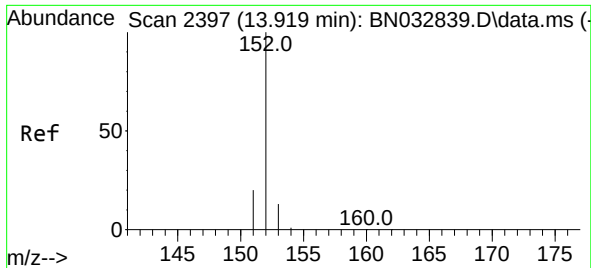
Instrument :
BNA_N
ClientSampleId :
A4BT7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

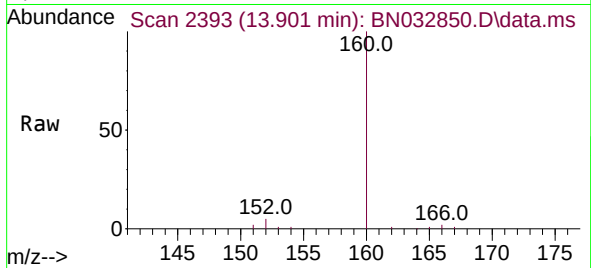
Quant Time: Jul 19 23:20:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 13.901 min Scan# 211
Delta R.T. -0.019 min
Lab File: BN032850.D
Acq: 19 Jul 2024 20:38

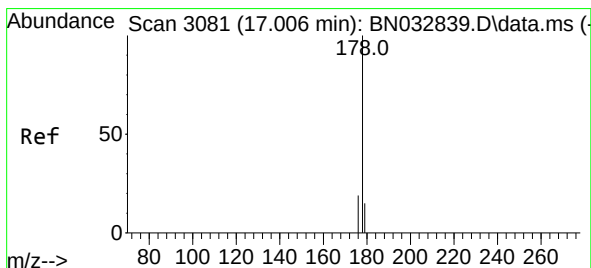
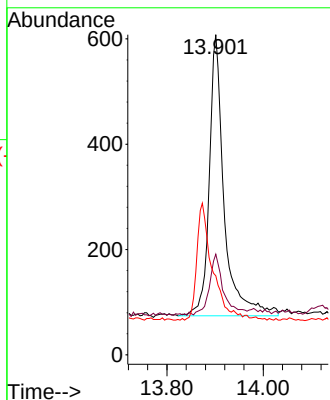
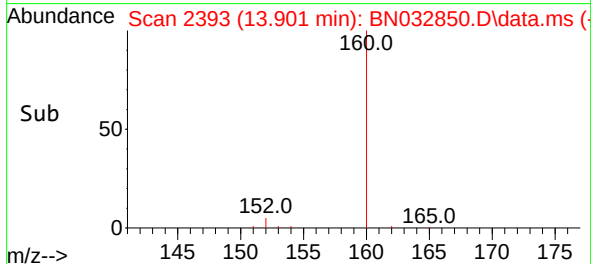
Instrument :
BNA_N
ClientSampleId :
A4BT7



Tgt Ion:152 Resp: 1140
Ion Ratio Lower Upper
152 100
151 31.4 16.3 24.5
153 24.7 11.3 16.9

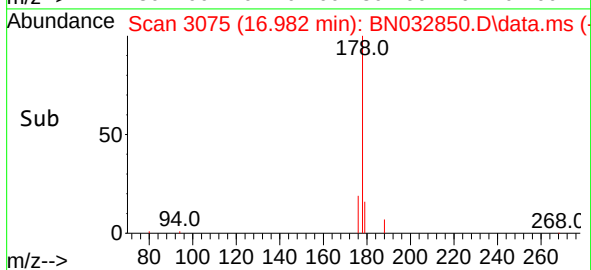
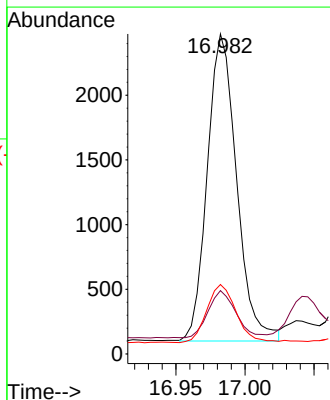
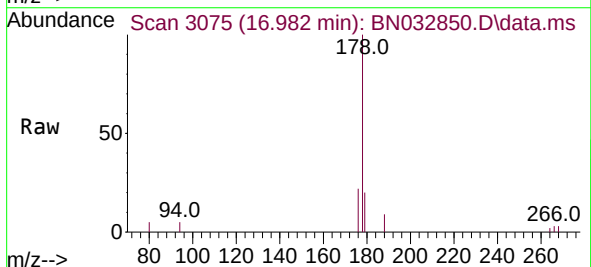
Manual Integrations
APPROVED

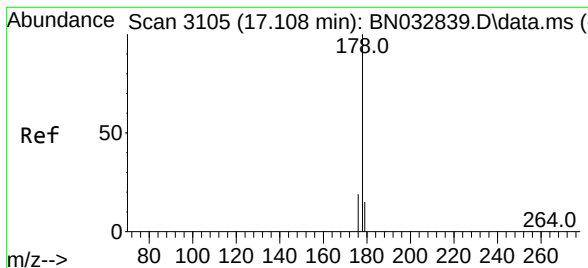
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#15
Phenanthrene
Concen: 0.105 ng/ul m
RT: 16.982 min Scan# 3075
Delta R.T. -0.026 min
Lab File: BN032850.D
Acq: 19 Jul 2024 20:38

Tgt Ion:178 Resp: 3516
Ion Ratio Lower Upper
178 100
179 19.8 13.0 19.4#
176 21.7 15.6 23.4





#16

Anthracene

Concen: 0.035 ng/ul m

RT: 17.079 min Scan# 3098

Delta R.T. -0.025 min

Lab File: BN032850.D

Acq: 19 Jul 2024 20:38

Instrument :

BNA_N

ClientSampleId :

A4BT7

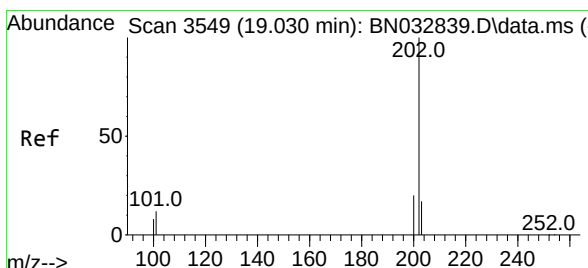
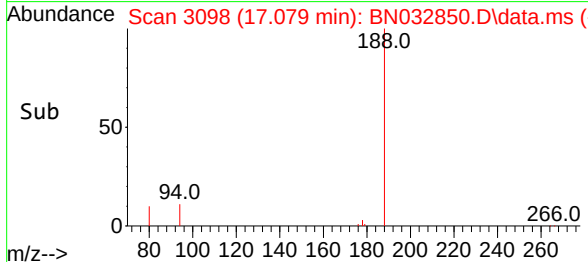
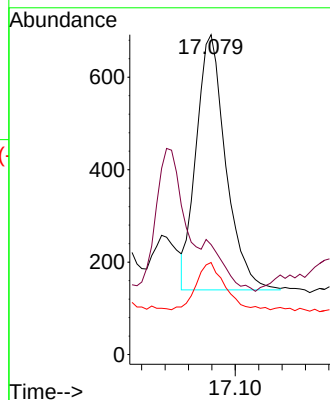
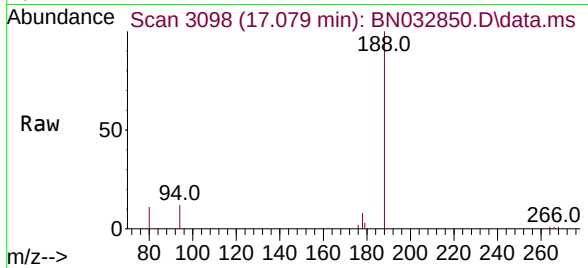
Tgt Ion:178	Resp:	96
Ion Ratio	Lower	Upper
178	100	
179	34.4	13.4 20.2
176	28.8	15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#19

Fluoranthene

Concen: 0.180 ng/ul

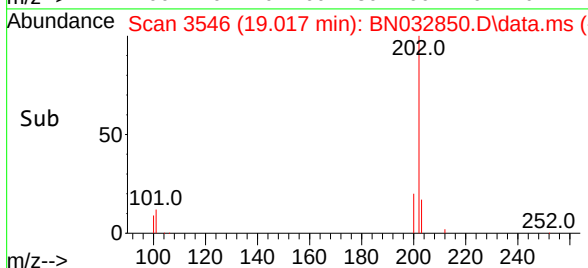
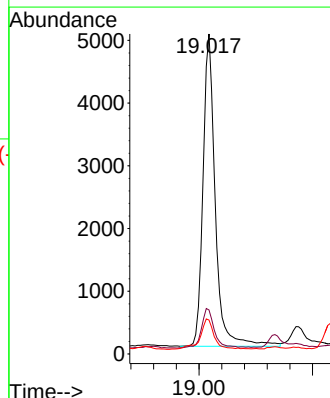
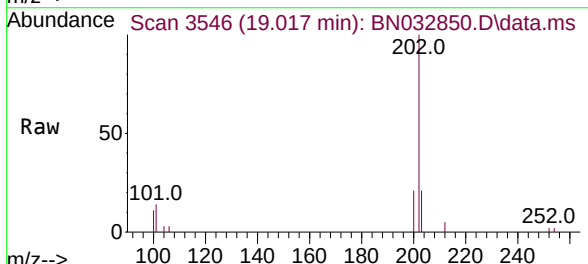
RT: 19.017 min Scan# 3546

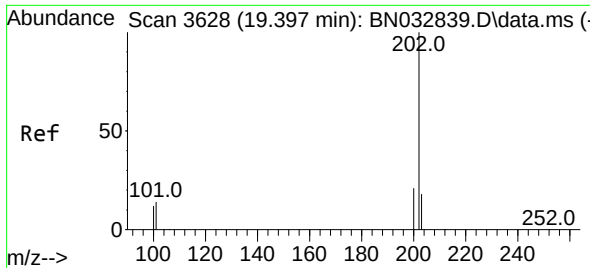
Delta R.T. -0.014 min

Lab File: BN032850.D

Acq: 19 Jul 2024 20:38

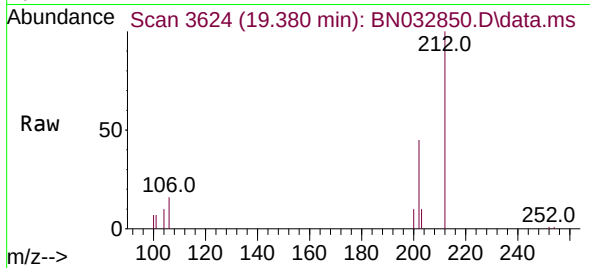
Tgt Ion:202	Resp:	7465
Ion Ratio	Lower	Upper
202	100	
101	13.8	9.8 14.8
100	10.6	7.9 11.9





#20
Pyrene
Concen: 0.177 ng/ul m
RT: 19.380 min Scan# 3628
Delta R.T. -0.019 min
Lab File: BN032850.D
Acq: 19 Jul 2024 20:38

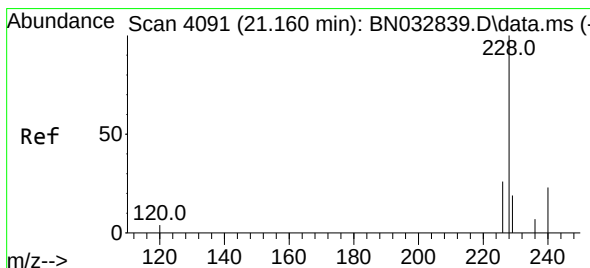
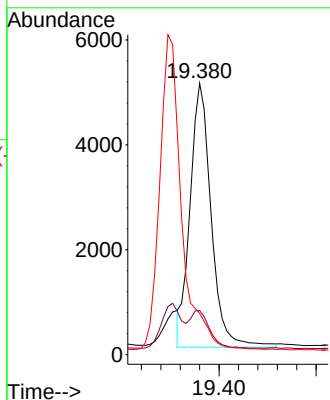
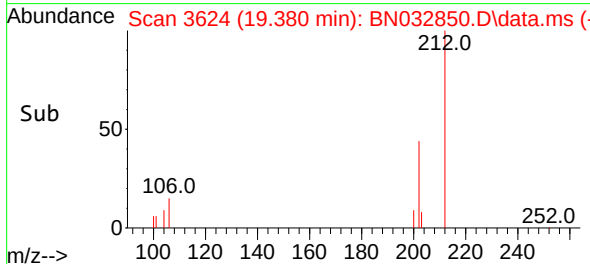
Instrument :
BNA_N
ClientSampleId :
A4BT7



Tgt Ion:202 Resp: 760
Ion Ratio Lower Upper
202 100
101 16.3 11.8 17.6
100 15.3 9.6 14.4

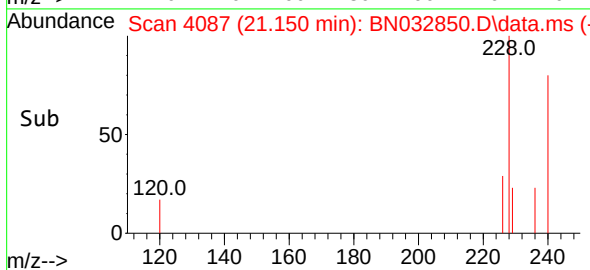
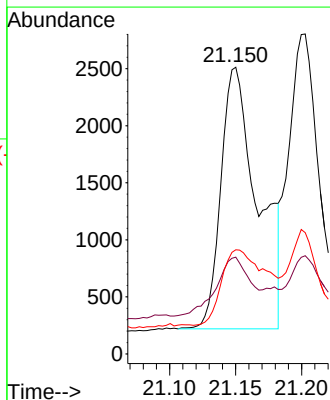
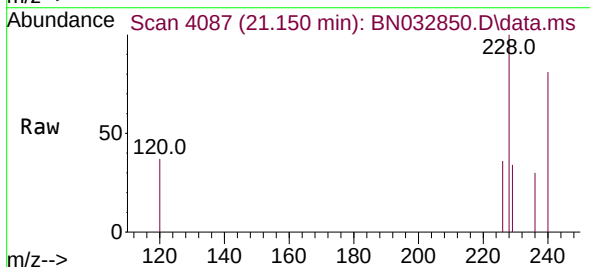
Manual Integrations
APPROVED

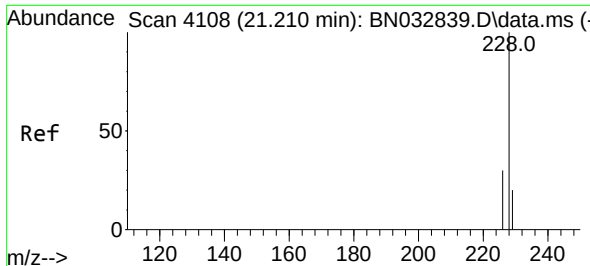
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#21
Benzo(a)anthracene
Concen: 0.137 ng/ul
RT: 21.150 min Scan# 4087
Delta R.T. -0.009 min
Lab File: BN032850.D
Acq: 19 Jul 2024 20:38

Tgt Ion:228 Resp: 4456
Ion Ratio Lower Upper
228 100
229 33.7 16.1 24.1#
226 36.3 21.9 32.9#





#22

Chrysene

Concen: 0.092 ng/ul

RT: 21.203 min Scan# 4105

Delta R.T. -0.009 min

Lab File: BN032850.D

Acq: 19 Jul 2024 20:38

Instrument :

BNA_N

ClientSampleId :

A4BT7

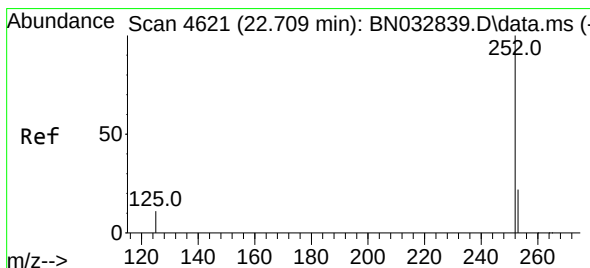
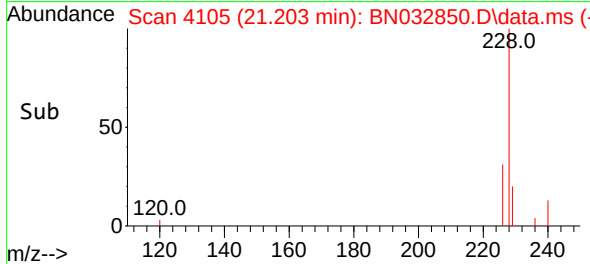
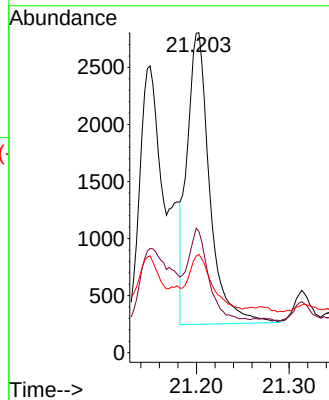
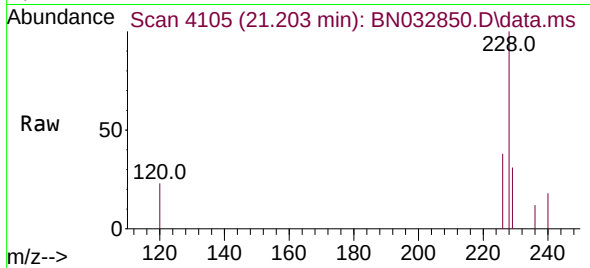
Tgt Ion:	228	Resp:	431
Ion Ratio	Lower	Upper	
228	100		
226	37.9	24.0	36.0
229	30.7	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/22/2024



#24

Benzo(b)fluoranthene

Concen: 0.170 ng/ul m

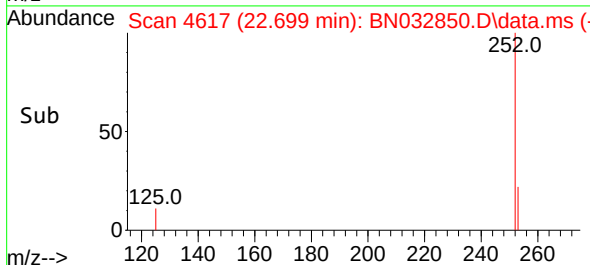
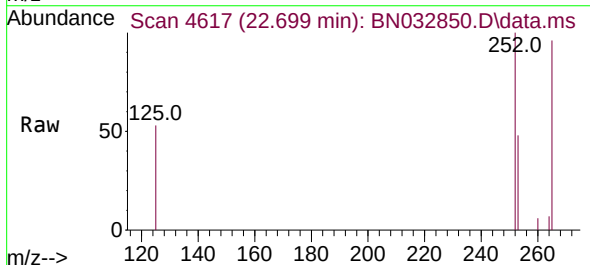
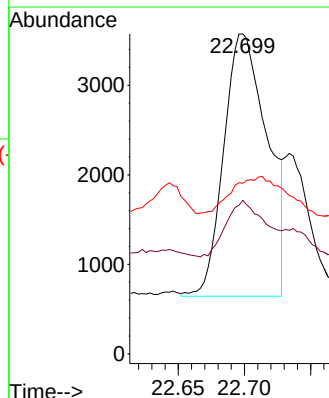
RT: 22.699 min Scan# 4617

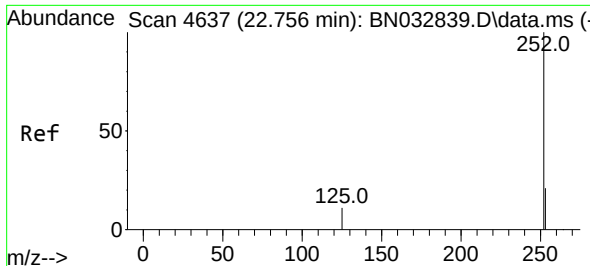
Delta R.T. -0.012 min

Lab File: BN032850.D

Acq: 19 Jul 2024 20:38

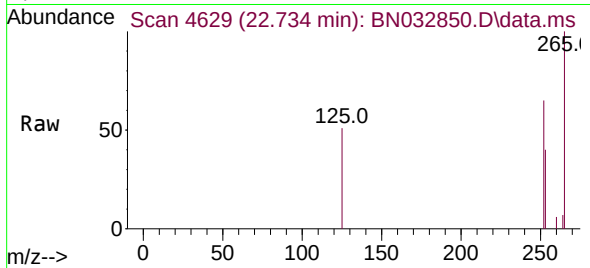
Tgt Ion:	252	Resp:	6726
Ion Ratio	Lower	Upper	
252	100		
253	48.0	0.0	54.0
125	53.4	0.0	36.0





#25
Benzo(k)fluoranthene
Concen: 0.046 ng/ul m
RT: 22.734 min Scan# 4629
Delta R.T. -0.021 min
Lab File: BN032850.D
Acq: 19 Jul 2024 20:38

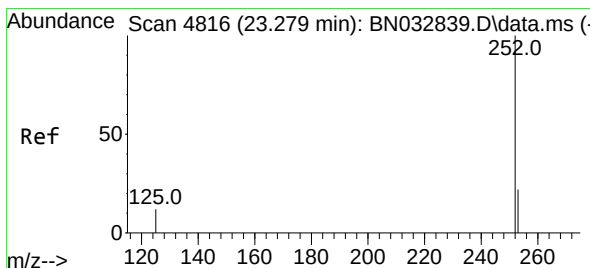
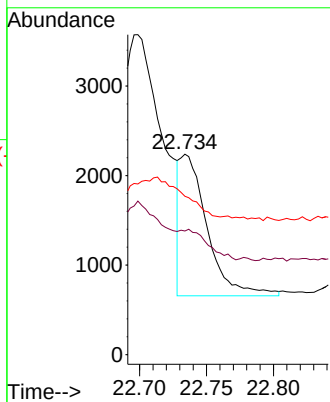
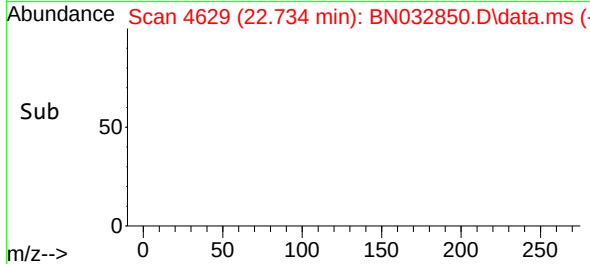
Instrument :
BNA_N
ClientSampleId :
A4BT7



Tgt Ion:252 Resp: 2228
Ion Ratio Lower Upper
252 100
253 61.8 21.2 31.8#
125 79.0 14.8 22.2#

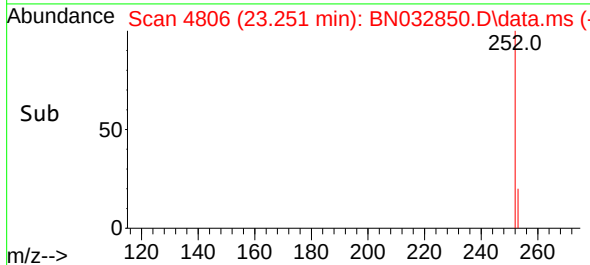
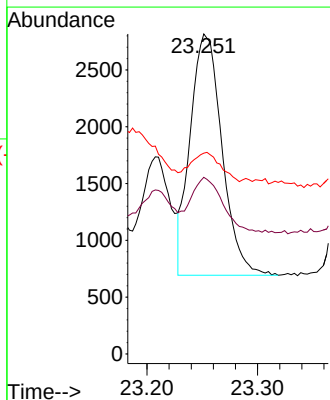
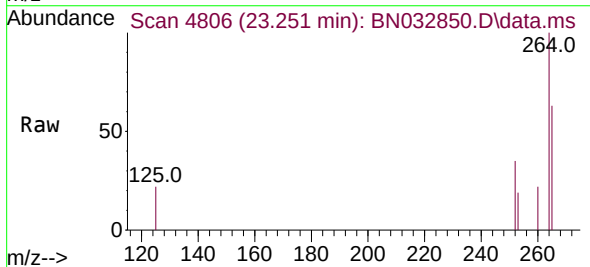
Manual Integrations
APPROVED

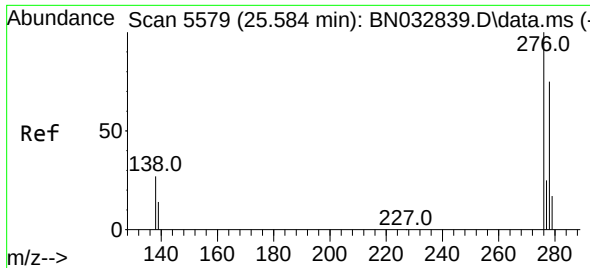
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#26
Benzo(a)pyrene
Concen: 0.124 ng/ul
RT: 23.251 min Scan# 4806
Delta R.T. -0.026 min
Lab File: BN032850.D
Acq: 19 Jul 2024 20:38

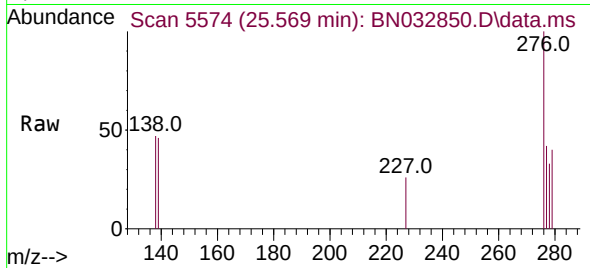
Tgt Ion:252 Resp: 4247
Ion Ratio Lower Upper
252 100
253 55.2 25.4 38.0#
125 62.8 20.6 30.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.076 ng/ul
RT: 25.569 min Scan# 5579
Delta R.T. -0.014 min
Lab File: BN032850.D
Acq: 19 Jul 2024 20:38

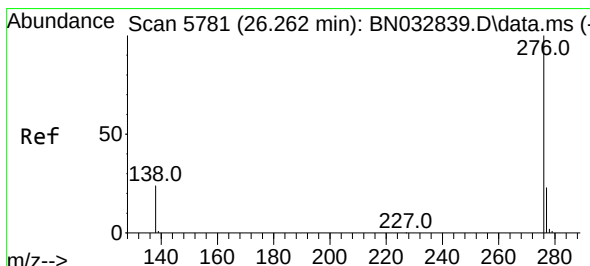
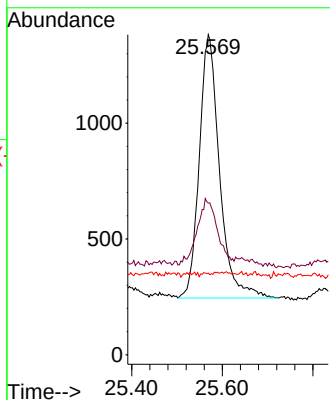
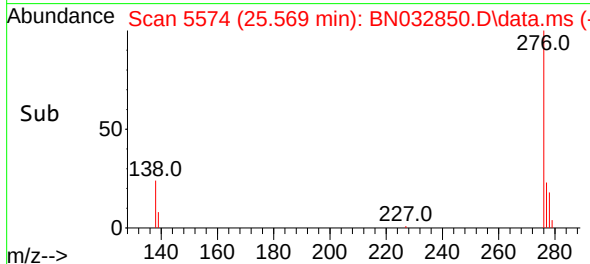
Instrument :
BNA_N
ClientSampleId :
A4BT7



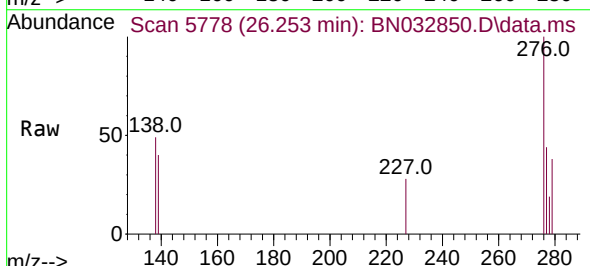
Tgt Ion:276 Resp: 3530
Ion Ratio Lower Upper
276 100
138 26.1 21.6 32.4
227 0.7 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#29
Benzo(g,h,i)perylene
Concen: 0.096 ng/ul
RT: 26.253 min Scan# 5778
Delta R.T. -0.007 min
Lab File: BN032850.D
Acq: 19 Jul 2024 20:38



Tgt Ion:276 Resp: 3725
Ion Ratio Lower Upper
276 100
138 49.1 21.0 31.4#
277 44.2 20.6 31.0#

