

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032822.D
 Acq On : 18 Jul 2024 18:02
 Operator : MA/JU
 Sample : P3100-15DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D04DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 18:48:08 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	7.536	152	4256	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	13270	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.187	164	6950	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.951	188	11979	0.400	ng/ul	-0.01
17) Chrysene-d12	21.169	240	10898	0.400	ng/ul	0.00
23) Perylene-d12	23.364	264	12300m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	4260	0.834	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	1012	0.050	ng/ul	-0.01
18) Fluoranthene-d10	18.993	212	1786	0.050	ng/ul	-0.01
Target Compounds						
					Qvalue	
15) Phenanthrene	16.989	178	6920	0.212	ng/ul	97
16) Anthracene	17.082	178	1297	0.049	ng/ul#	69
19) Fluoranthene	19.025	202	15330	0.346	ng/ul	98
20) Pyrene	19.388	202	10952	0.239	ng/ul	99
21) Benzo(a)anthracene	21.155	228	7118	0.205	ng/ul#	91
22) Chrysene	21.207	228	7599	0.151	ng/ul#	92
24) Benzo(b)fluoranthene	22.706	252	11779m	0.271	ng/ul	
25) Benzo(k)fluoranthene	22.747	252	4150m	0.078	ng/ul	
26) Benzo(a)pyrene	23.265	252	3930	0.105	ng/ul#	50
27) Indeno(1,2,3-cd)pyrene	25.581	276	4188	0.082	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.578	278	1241	0.031	ng/ul#	1
29) Benzo(g,h,i)perylene	26.265	276	1321	0.031	ng/ul#	25

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

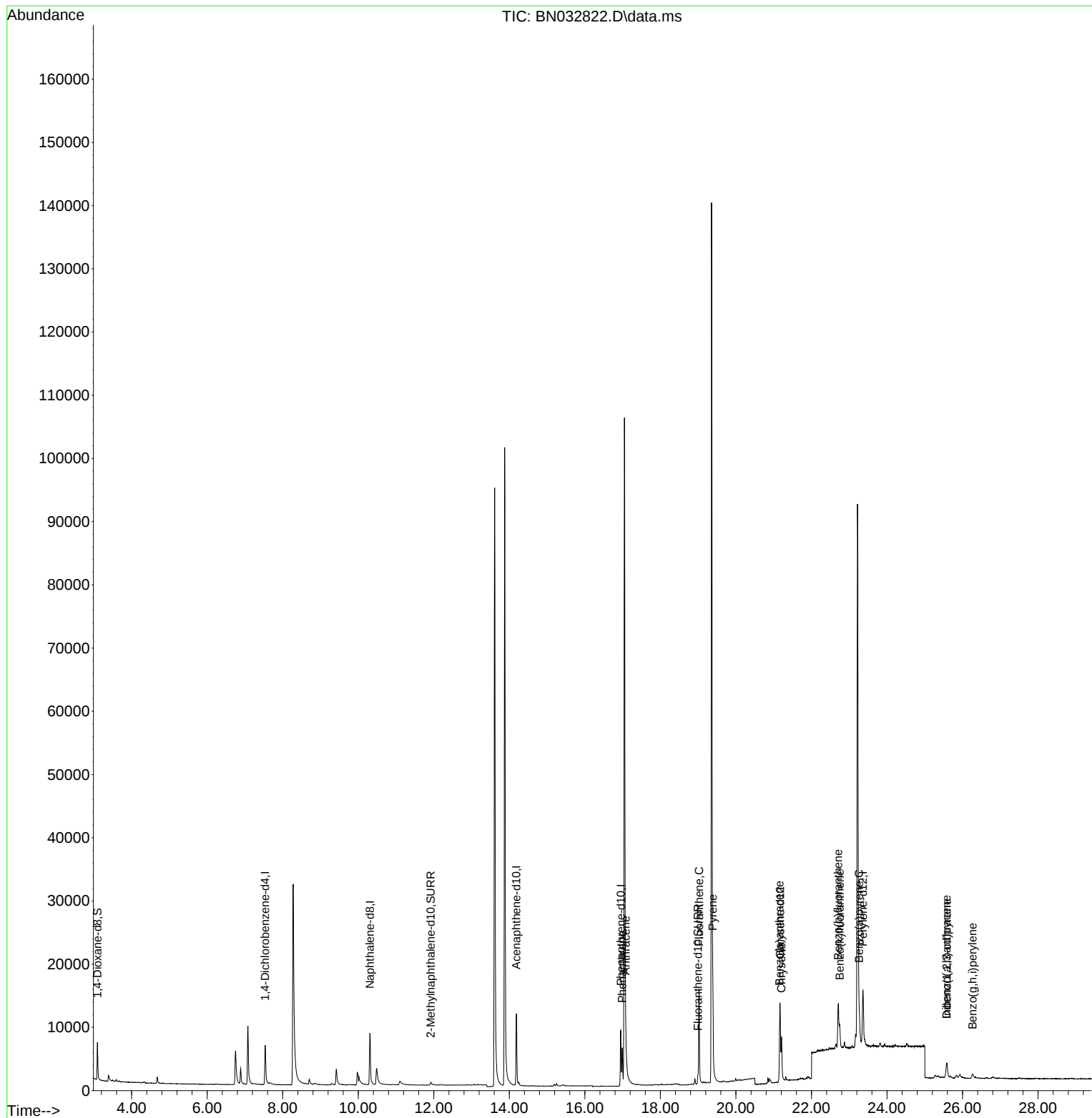
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032822.D
Acq On : 18 Jul 2024 18:02
Operator : MA/JU
Sample : P3100-15DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

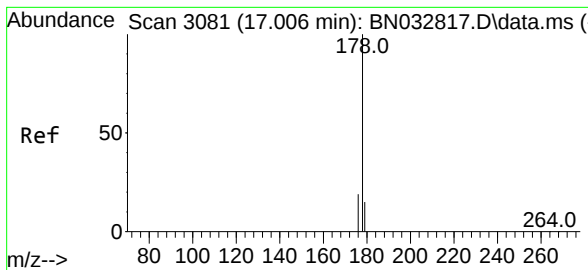
Instrument :
BNA_N
ClientSampleId :
A4D04DL

Manual Integrations
APPROVED

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

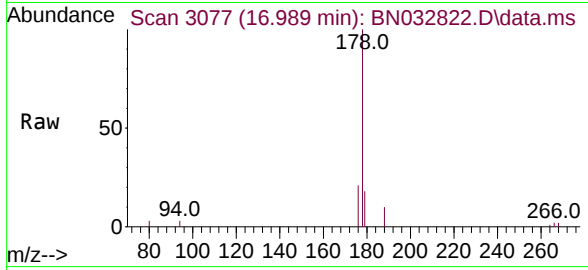
Quant Time: Jul 18 18:48:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.212 ng/u1
RT: 16.989 min Scan# 3077
Delta R.T. -0.018 min
Lab File: BN032822.D
Acq: 18 Jul 2024 18:02

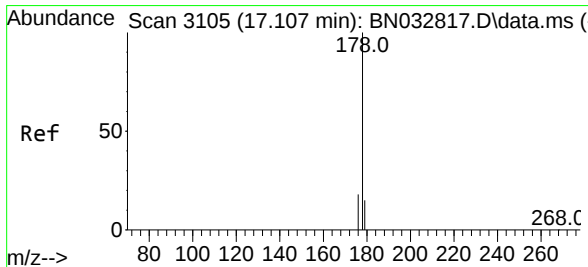
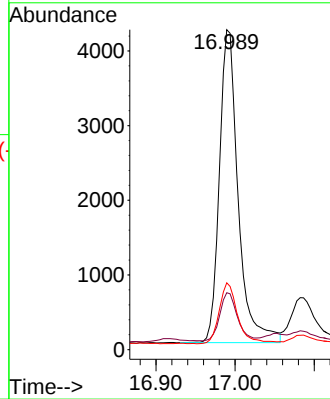
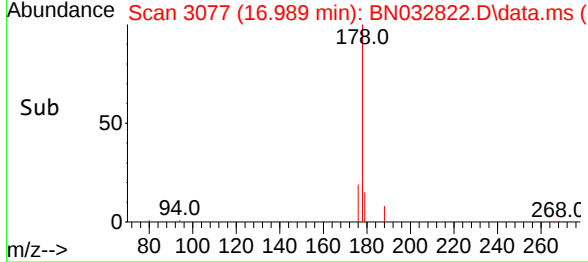
Instrument :
BNA_N
ClientSampleId :
A4D04DL



Tgt Ion:178 Resp: 6920
Ion Ratio Lower Upper
178 100
179 17.8 13.0 19.4
176 20.9 15.6 23.4

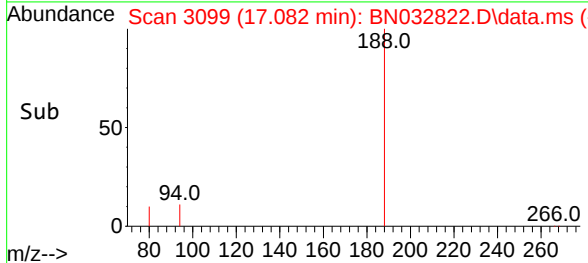
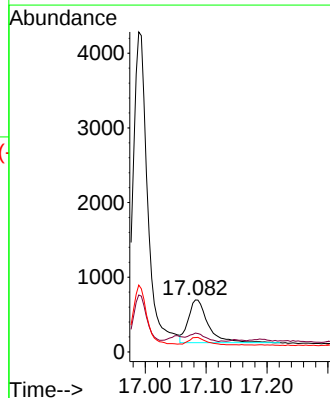
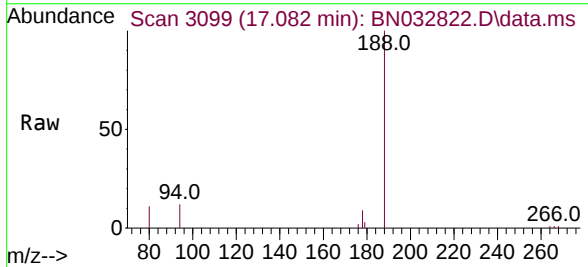
Manual Integrations
APPROVED

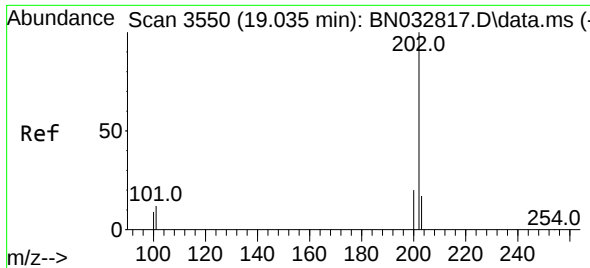
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#16
Anthracene
Concen: 0.049 ng/u1
RT: 17.082 min Scan# 3099
Delta R.T. -0.023 min
Lab File: BN032822.D
Acq: 18 Jul 2024 18:02

Tgt Ion:178 Resp: 1297
Ion Ratio Lower Upper
178 100
179 36.4 13.4 20.2#
176 27.6 15.4 23.0#





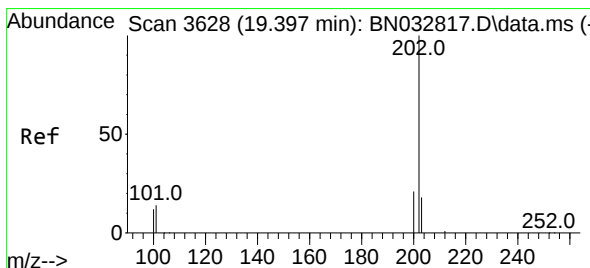
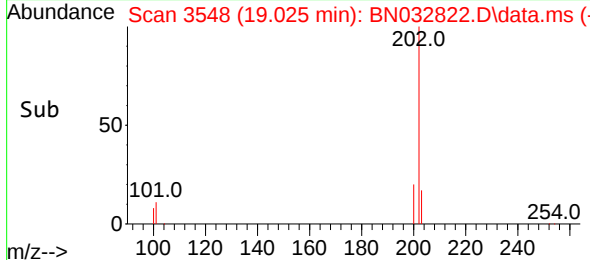
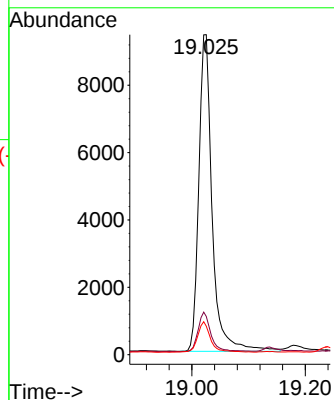
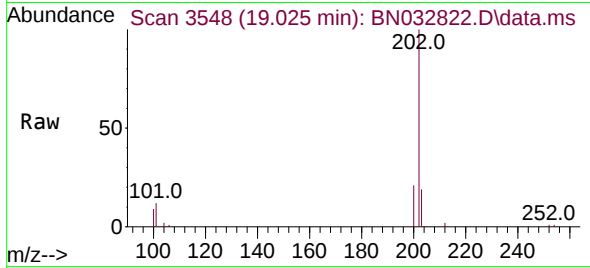
#19
Fluoranthene
Concen: 0.346 ng/u1
RT: 19.025 min Scan# 3548
Delta R.T. -0.006 min
Lab File: BN032822.D
Acq: 18 Jul 2024 18:02

Instrument :
BNA_N
ClientSampleId :
A4D04DL

Tgt Ion:202 Resp: 15330
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.8
100 8.9 7.9 11.9

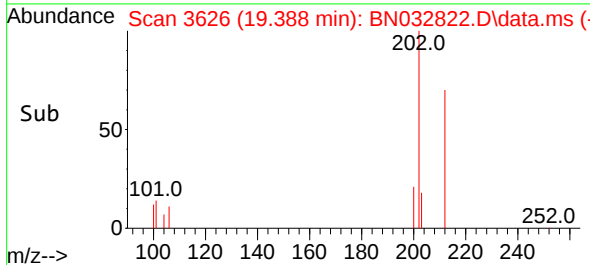
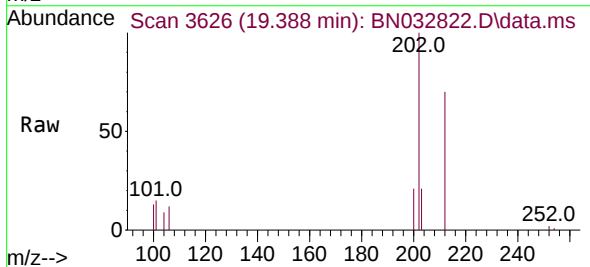
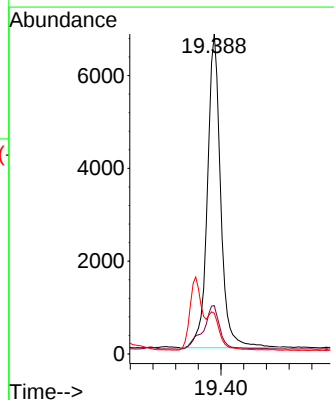
Manual Integrations
APPROVED

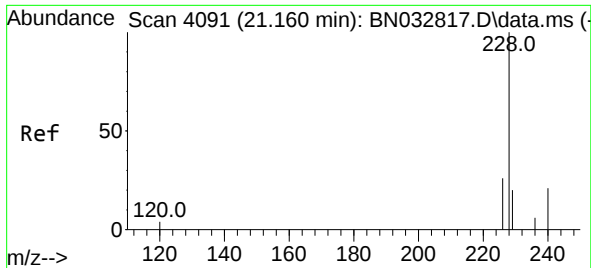
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 0.239 ng/u1
RT: 19.388 min Scan# 3626
Delta R.T. -0.011 min
Lab File: BN032822.D
Acq: 18 Jul 2024 18:02

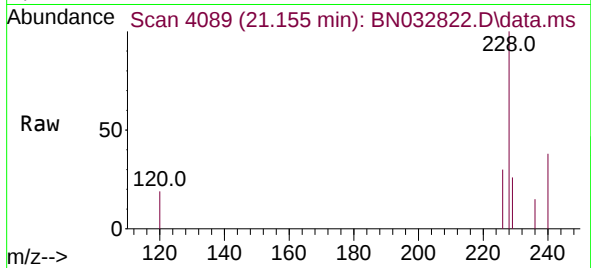
Tgt Ion:202 Resp: 10952
Ion Ratio Lower Upper
202 100
101 15.1 11.8 17.6
100 12.8 9.6 14.4





#21
Benzo(a)anthracene
Concen: 0.205 ng/ul
RT: 21.155 min Scan# 4089
Delta R.T. -0.004 min
Lab File: BN032822.D
Acq: 18 Jul 2024 18:02

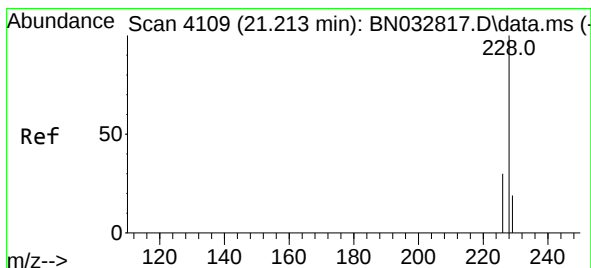
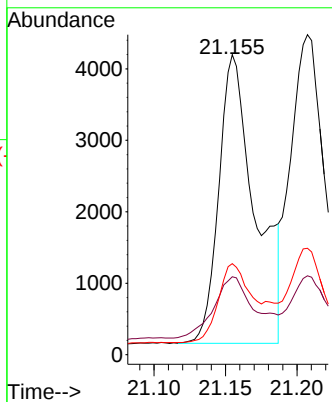
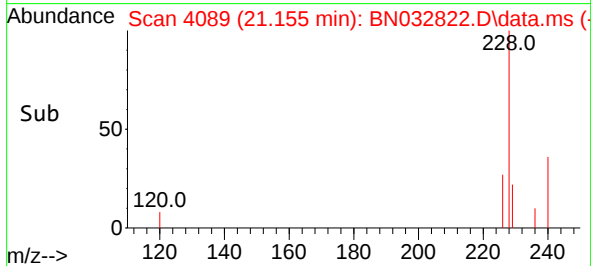
Instrument :
BNA_N
ClientSampleId :
A4D04DL



Tgt Ion:228 Resp: 7118
Ion Ratio Lower Upper
228 100
229 26.0 16.1 24.1
226 30.3 21.9 32.9

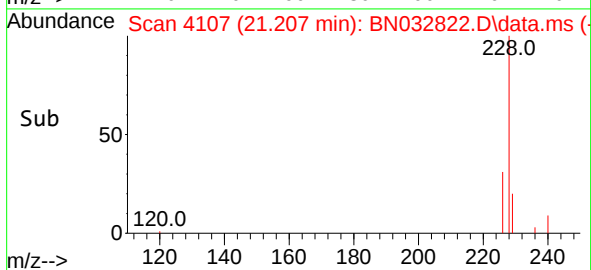
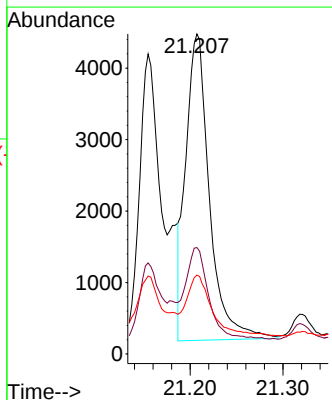
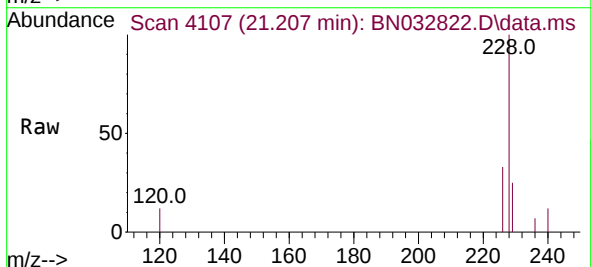
Manual Integrations
APPROVED

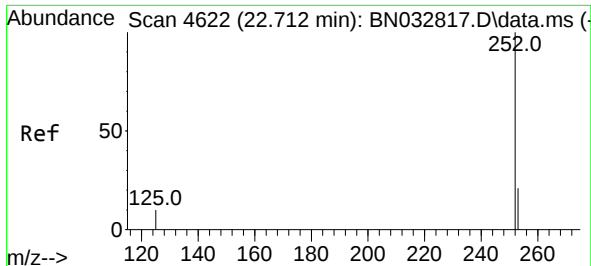
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 0.151 ng/ul
RT: 21.207 min Scan# 4107
Delta R.T. -0.004 min
Lab File: BN032822.D
Acq: 18 Jul 2024 18:02

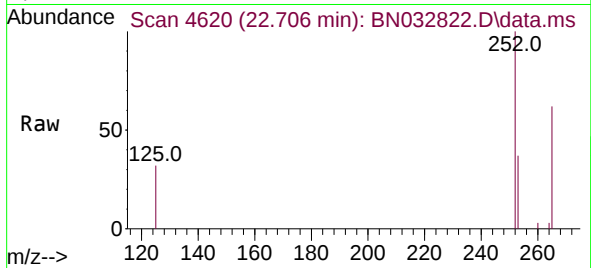
Tgt Ion:228 Resp: 7599
Ion Ratio Lower Upper
228 100
226 33.3 24.0 36.0
229 24.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.271 ng/ul m
RT: 22.706 min Scan# 4620
Delta R.T. -0.004 min
Lab File: BN032822.D
Acq: 18 Jul 2024 18:02

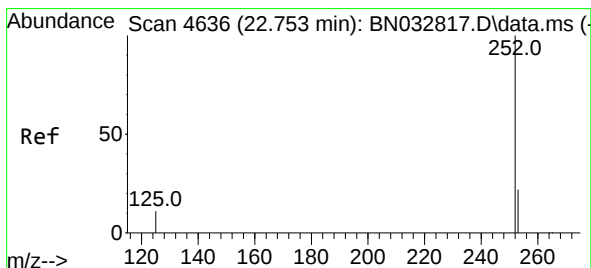
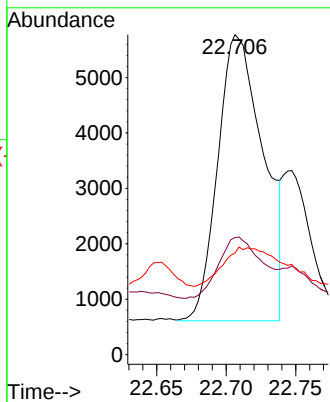
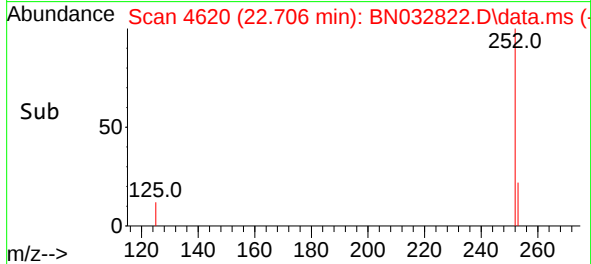
Instrument :
BNA_N
ClientSampleId :
A4D04DL



Tgt Ion:252 Resp: 11779
Ion Ratio Lower Upper
252 100
253 36.6 0.0 54.0
125 31.8 0.0 36.0

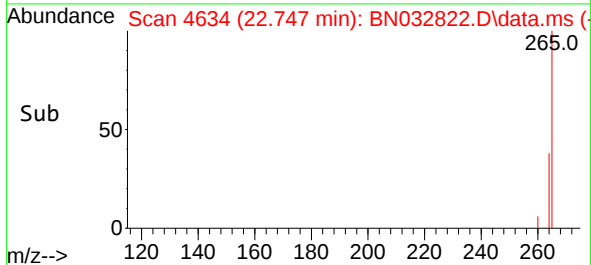
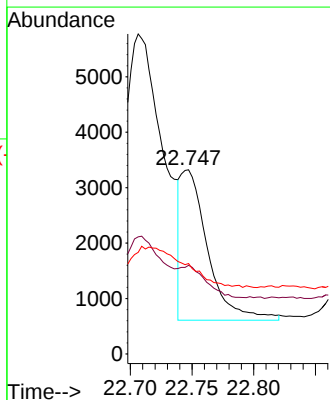
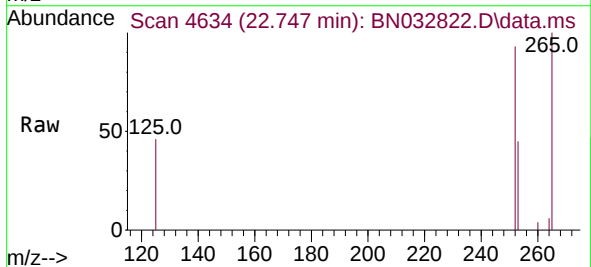
Manual Integrations
APPROVED

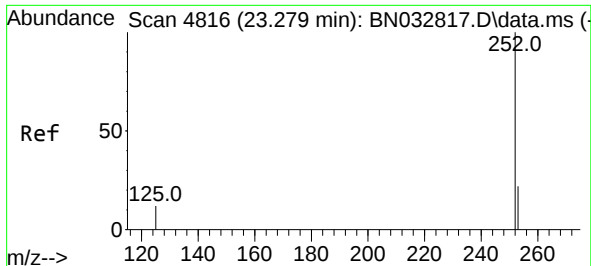
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 0.078 ng/ul m
RT: 22.747 min Scan# 4634
Delta R.T. -0.007 min
Lab File: BN032822.D
Acq: 18 Jul 2024 18:02

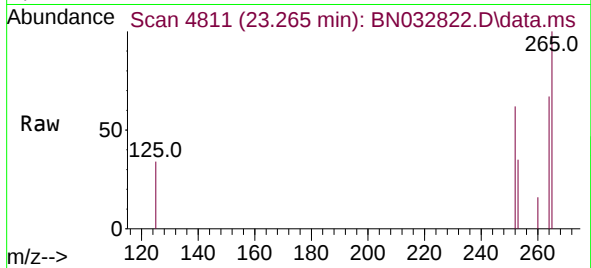
Tgt Ion:252 Resp: 4150
Ion Ratio Lower Upper
252 100
253 48.1 21.2 31.8#
125 49.1 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.105 ng/ul
RT: 23.265 min Scan# 4816
Delta R.T. -0.013 min
Lab File: BN032822.D
Acq: 18 Jul 2024 18:02

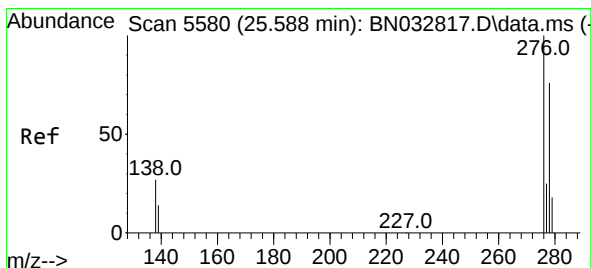
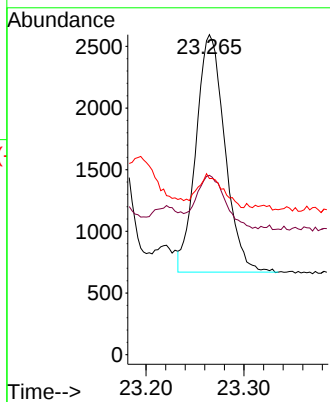
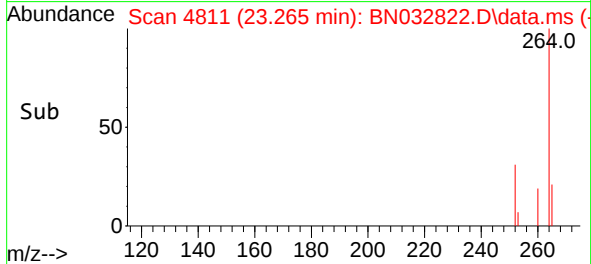
Instrument :
BNA_N
ClientSampleId :
A4D04DL



Tgt Ion:252 Resp: 3930
Ion Ratio Lower Upper
252 100
253 56.1 25.4 38.0
125 55.0 20.6 30.8

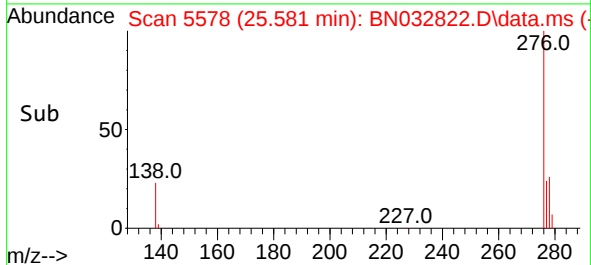
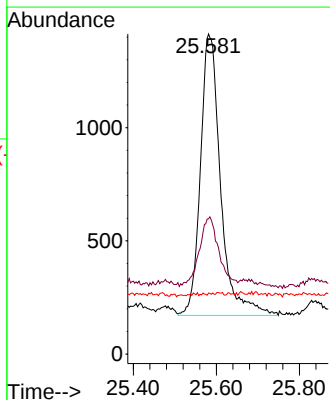
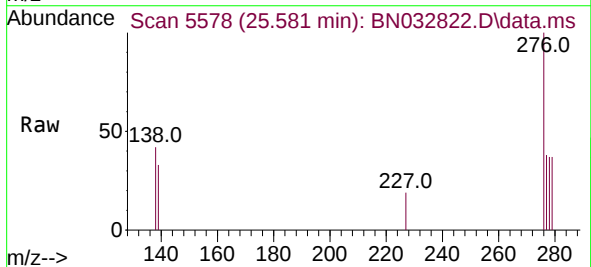
Manual Integrations
APPROVED

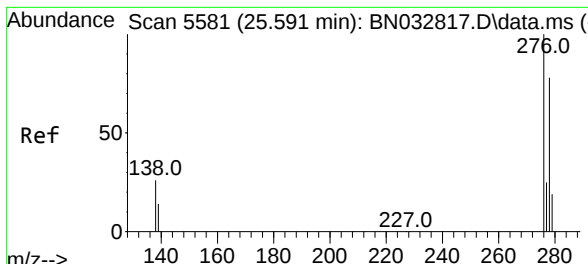
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.082 ng/ul
RT: 25.581 min Scan# 5578
Delta R.T. -0.001 min
Lab File: BN032822.D
Acq: 18 Jul 2024 18:02

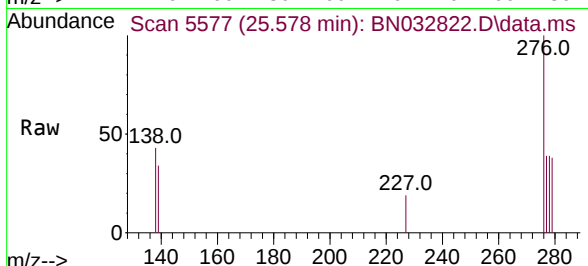
Tgt Ion:276 Resp: 4188
Ion Ratio Lower Upper
276 100
138 23.0 21.6 32.4
227 0.2 0.0 0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.031 ng/ul
 RT: 25.578 min Scan# 5577
 Delta R.T. -0.011 min
 Lab File: BN032822.D
 Acq: 18 Jul 2024 18:02

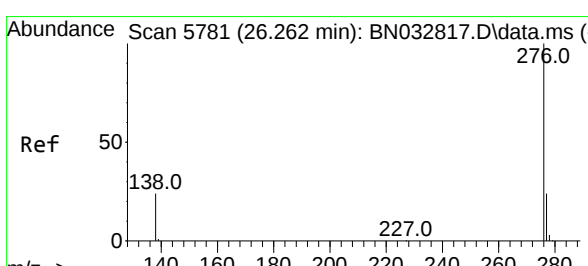
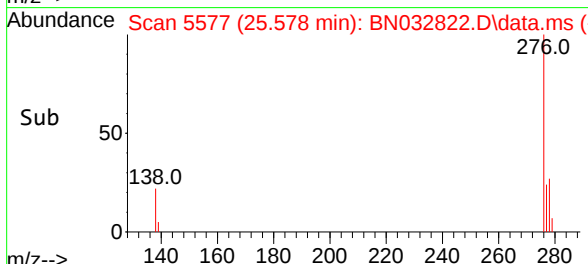
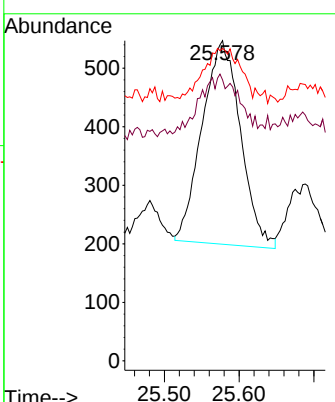
Instrument : BNA_N
 ClientSampleId : A4D04DL



Tgt Ion: 278 Resp: 124

Ion	Ratio	Lower	Upper
278	100		
139	87.8	16.6	24.8
279	97.6	23.7	35.5

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



#29
 Benzo(g,h,i)perylene
 Concen: 0.031 ng/ul
 RT: 26.265 min Scan# 5782
 Delta R.T. 0.005 min
 Lab File: BN032822.D
 Acq: 18 Jul 2024 18:02

Tgt Ion: 276 Resp: 1321

Ion	Ratio	Lower	Upper
276	100		
138	70.9	21.0	31.4
277	57.6	20.6	31.0

