

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032688.D
 Acq On : 13 Jul 2024 00:38
 Operator : MA/JU
 Sample : P3035-06DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 13 01:29:48 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 : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5364	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.326	136	15483	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.201	164	7942	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.960	188	14727	0.400	ng/ul	-0.03
17) Chrysene-d12	21.169	240	13312	0.400	ng/ul	-0.02
23) Perylene-d12	23.361	264	15143m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	3778	0.587	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.942	152	885	0.038	ng/ul	-0.03
18) Fluoranthene-d10	18.997	212	1841	0.042	ng/ul	-0.03
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.923	152	2621	0.082	ng/ul#	93
11) Acenaphthene	14.266	153	833	0.031	ng/ul	97
12) Fluorene	15.265	166	1250	0.041	ng/ul#	95
15) Phenanthrene	17.002	178	23474	0.585	ng/ul	99
16) Anthracene	17.095	178	4668	0.142	ng/ul#	93
19) Fluoranthene	19.030	202	60802	1.123	ng/ul	98
20) Pyrene	19.393	202	45907	0.819	ng/ul	99
21) Benzo(a)anthracene	21.155	228	29045	0.685	ng/ul	97
22) Chrysene	21.204	228	28538	0.466	ng/ul	97
24) Benzo(b)fluoranthene	22.703	252	45065m	0.843	ng/ul	
25) Benzo(k)fluoranthene	22.741	252	16403m	0.252	ng/ul	
26) Benzo(a)pyrene	23.265	252	17885	0.387	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.568	276	18682	0.298	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.568	278	5284	0.109	ng/ul#	60
29) Benzo(g,h,i)perylene	26.255	276	3099	0.059	ng/ul#	57

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

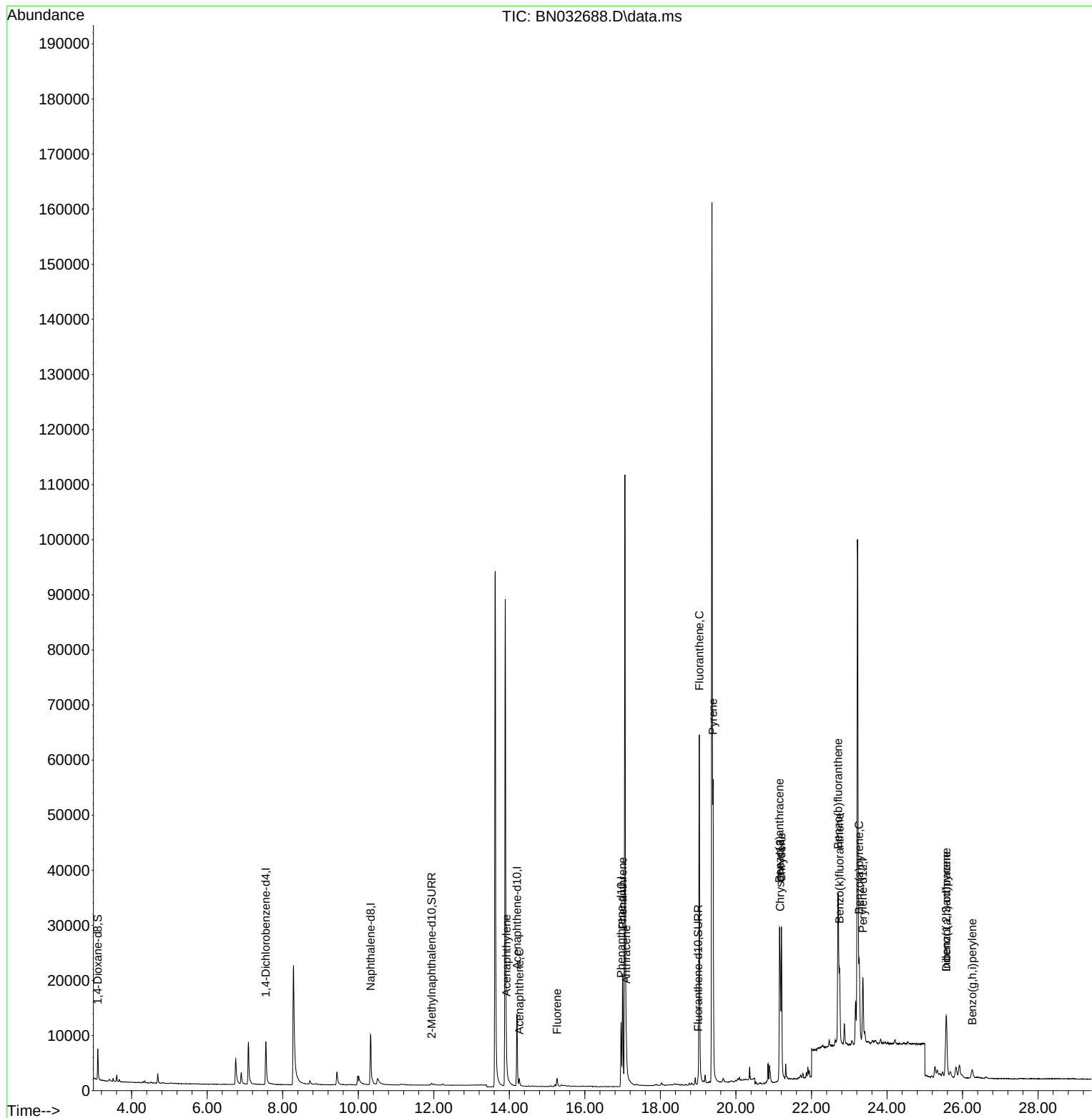
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032688.D
Acq On : 13 Jul 2024 00:38
Operator : MA/JU
Sample : P3035-06DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

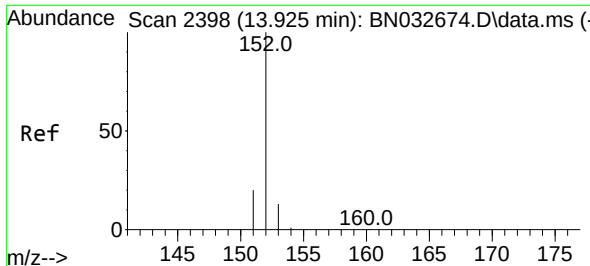
Instrument :
BNA_N
ClientSampleId :
A4CX1DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

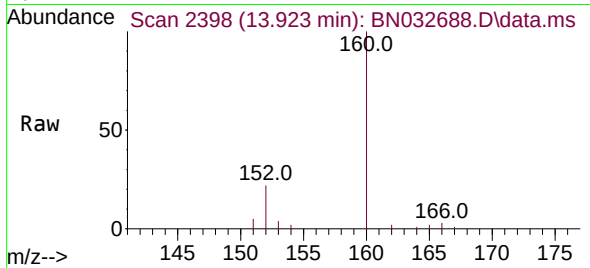
Quant Time: Jul 13 01:29:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.082 ng/u1
RT: 13.923 min Scan# 21
Delta R.T. -0.020 min
Lab File: BN032688.D
Acq: 13 Jul 2024 00:38

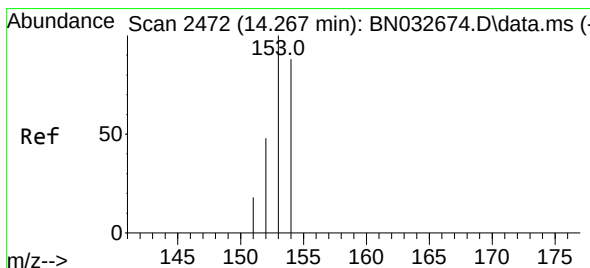
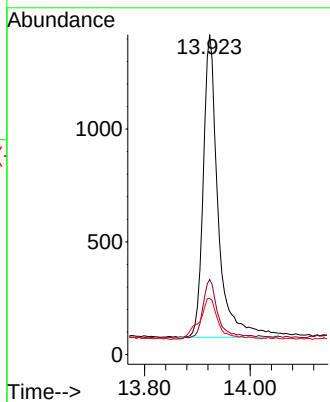
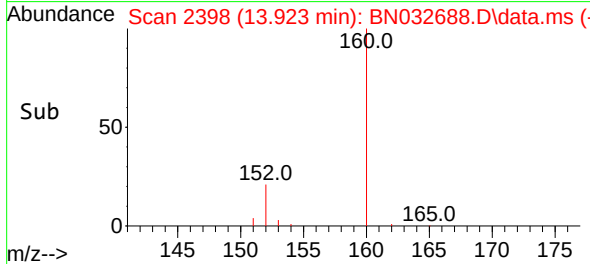
Instrument :
BNA_N
ClientSampleId :
A4CX1DL



Tgt Ion:152 Resp: 262
Ion Ratio Lower Upper
152 100
151 23.5 16.3 24.5
153 17.5 11.3 16.9

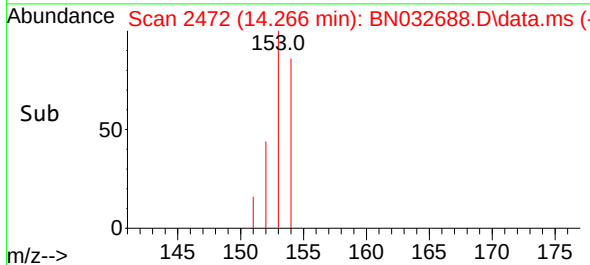
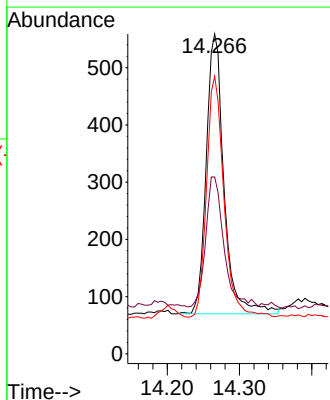
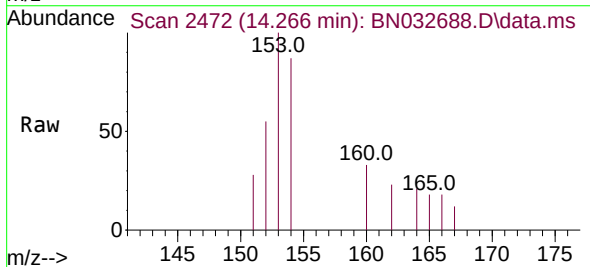
Manual Integrations
APPROVED

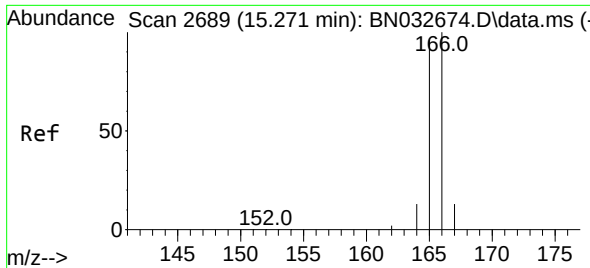
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#11
Acenaphthene
Concen: 0.031 ng/u1
RT: 14.266 min Scan# 2472
Delta R.T. -0.015 min
Lab File: BN032688.D
Acq: 13 Jul 2024 00:38

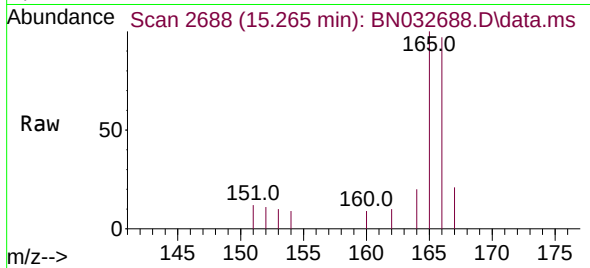
Tgt Ion:153 Resp: 833
Ion Ratio Lower Upper
153 100
152 55.3 40.0 60.0
154 86.8 70.2 105.4





#12
Fluorene
Concen: 0.041 ng/u1
RT: 15.265 min Scan# 20
Delta R.T. -0.024 min
Lab File: BN032688.D
Acq: 13 Jul 2024 00:38

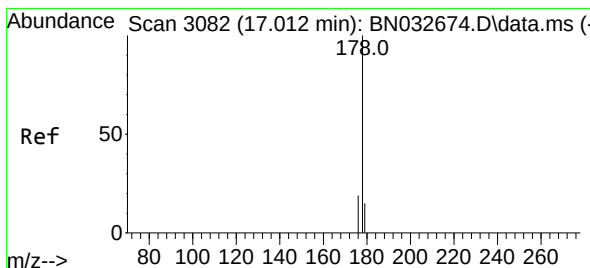
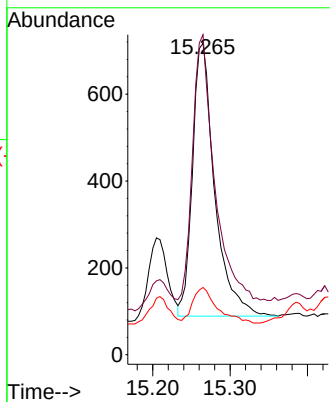
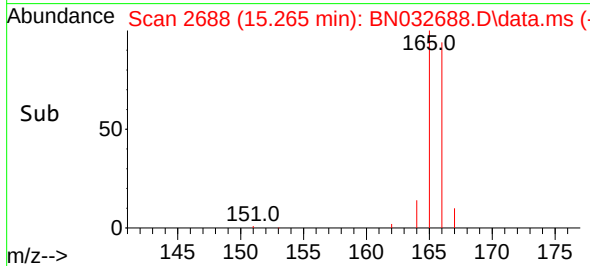
Instrument :
BNA_N
ClientSampleId :
A4CX1DL



Tgt Ion:166 Resp: 1250
Ion Ratio Lower Upper
166 100
165 102.8 79.7 119.5
167 21.6 11.4 17.2

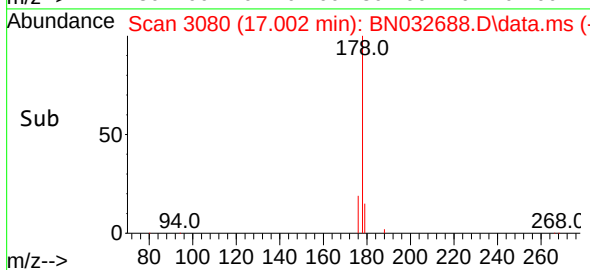
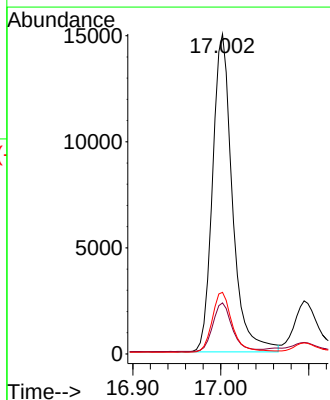
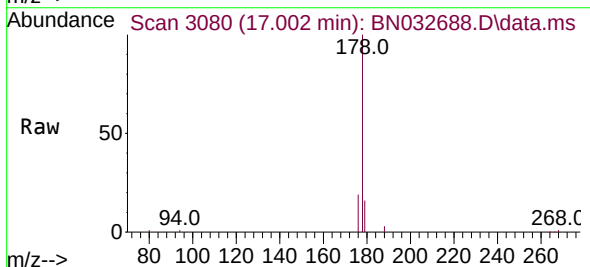
Manual Integrations
APPROVED

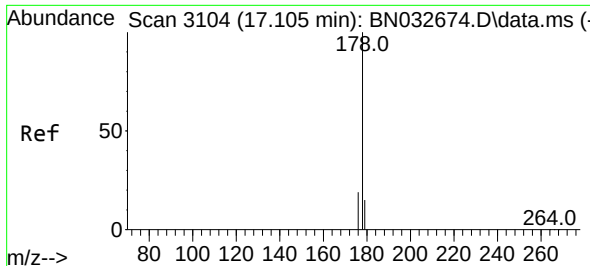
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#15
Phenanthrene
Concen: 0.585 ng/u1
RT: 17.002 min Scan# 3080
Delta R.T. -0.027 min
Lab File: BN032688.D
Acq: 13 Jul 2024 00:38

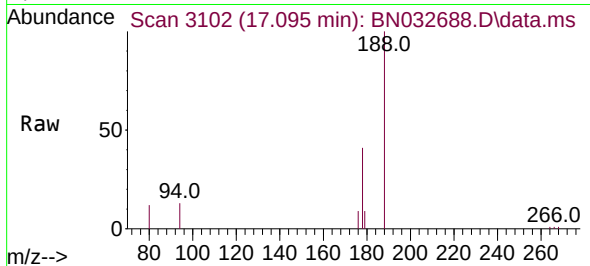
Tgt Ion:178 Resp: 23474
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 19.2 15.6 23.4





#16
 Anthracene
 Concen: 0.142 ng/ul
 RT: 17.095 min Scan# 3104
 Delta R.T. -0.044 min
 Lab File: BN032688.D
 Acq: 13 Jul 2024 00:38

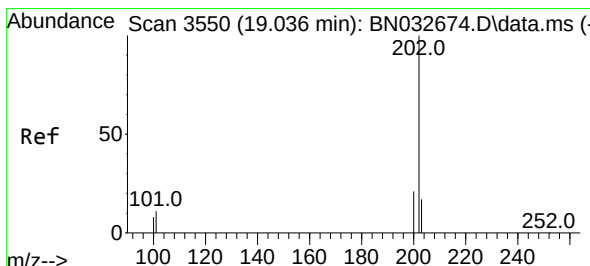
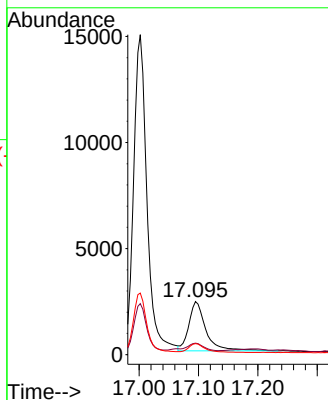
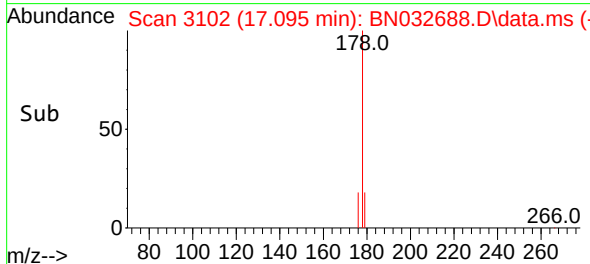
Instrument :
 BNA_N
 ClientSampleId :
 A4CX1DL



Tgt Ion:178 Resp: 4668
 Ion Ratio Lower Upper
 178 100
 179 21.7 13.4 20.2
 176 20.9 15.4 23.0

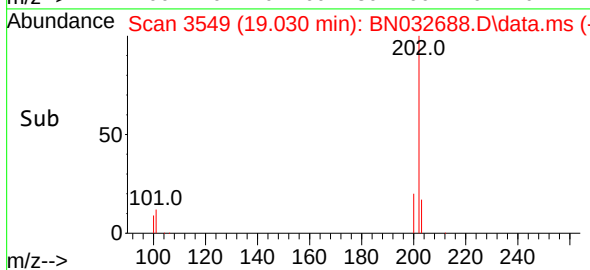
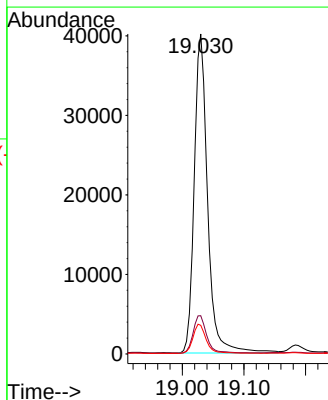
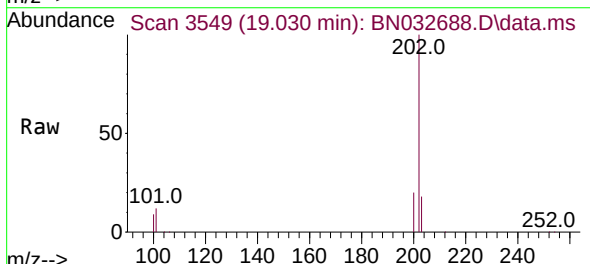
Manual Integrations
 APPROVED

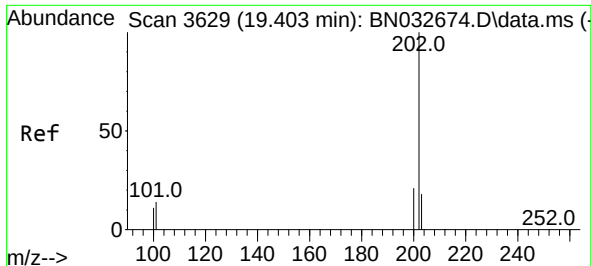
Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024



#19
 Fluoranthene
 Concen: 1.123 ng/ul
 RT: 19.030 min Scan# 3549
 Delta R.T. -0.025 min
 Lab File: BN032688.D
 Acq: 13 Jul 2024 00:38

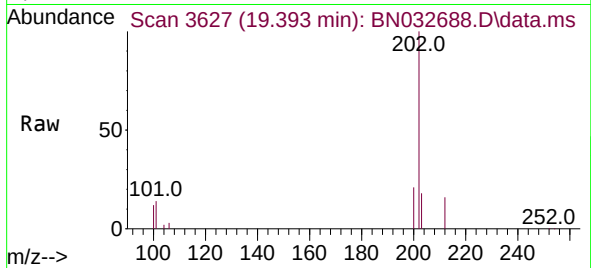
Tgt Ion:202 Resp: 60802
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.8 14.8
 100 8.9 7.9 11.9





#20
Pyrene
Concen: 0.819 ng/u1
RT: 19.393 min Scan# 30
Delta R.T. -0.029 min
Lab File: BN032688.D
Acq: 13 Jul 2024 00:38

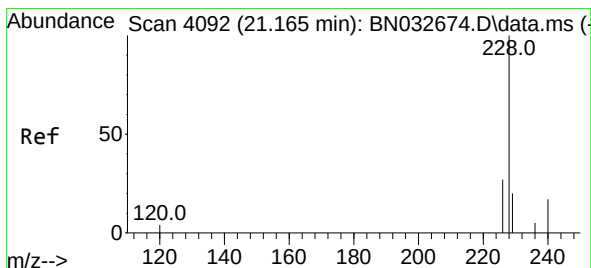
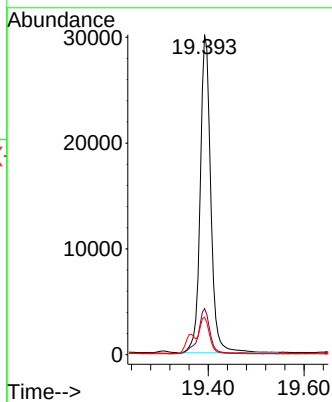
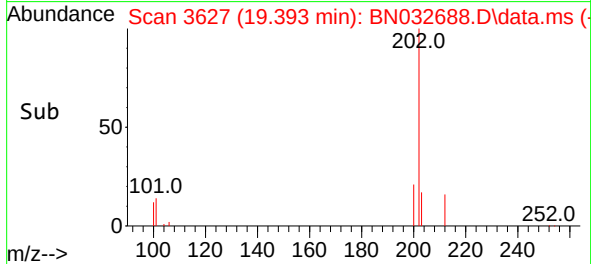
Instrument :
BNA_N
ClientSampleId :
A4CX1DL



Tgt Ion:202 Resp: 4590
Ion Ratio Lower Upper
202 100
101 14.4 11.8 17.6
100 11.7 9.6 14.4

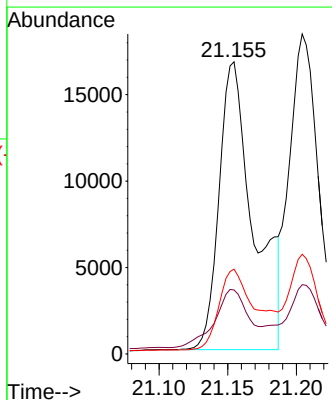
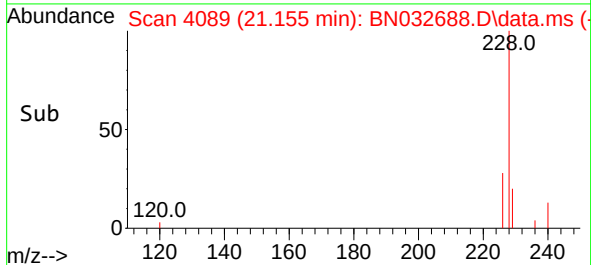
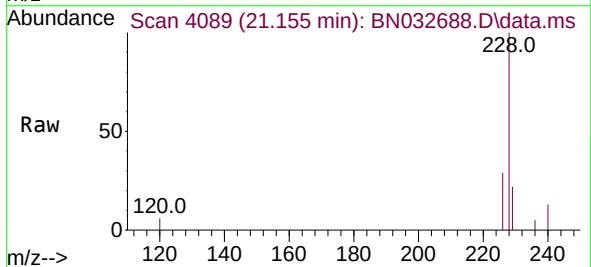
Manual Integrations
APPROVED

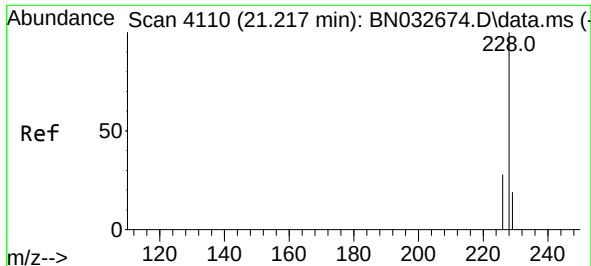
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#21
Benzo(a)anthracene
Concen: 0.685 ng/u1
RT: 21.155 min Scan# 4089
Delta R.T. -0.028 min
Lab File: BN032688.D
Acq: 13 Jul 2024 00:38

Tgt Ion:228 Resp: 29045
Ion Ratio Lower Upper
228 100
229 21.9 16.1 24.1
226 29.0 21.9 32.9





#22

Chrysene

Concen: 0.466 ng/ul

RT: 21.204 min Scan# 4110

Delta R.T. -0.028 min

Lab File: BN032688.D

Acq: 13 Jul 2024 00:38

Instrument :

BNA_N

ClientSampleId :

A4CX1DL

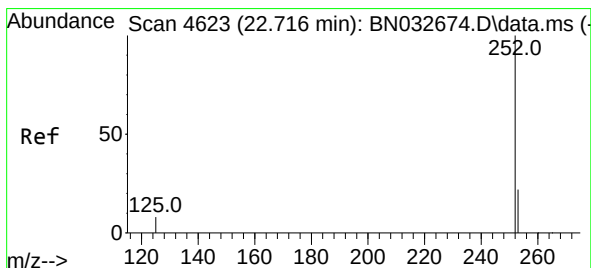
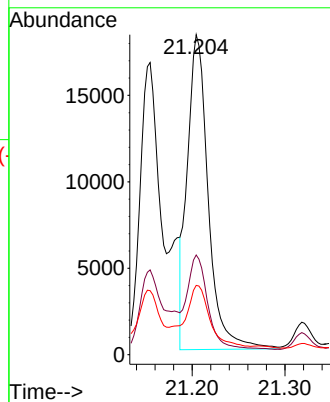
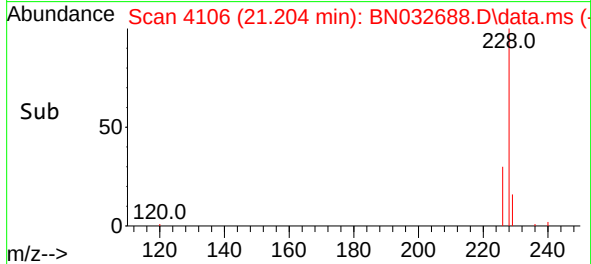
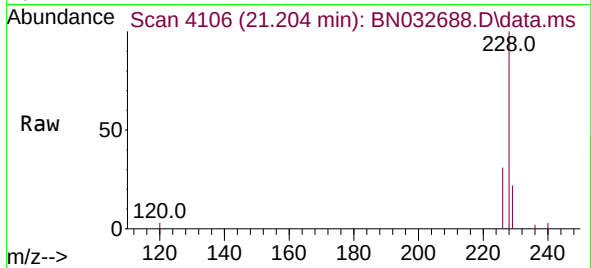
Tgt Ion:228	Resp:	28538
Ion Ratio	Lower	Upper
228	100	
226	31.1	24.0 36.0
229	21.7	15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/16/2024



#24

Benzo(b)fluoranthene

Concen: 0.843 ng/ul m

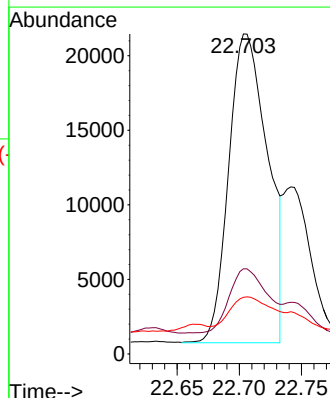
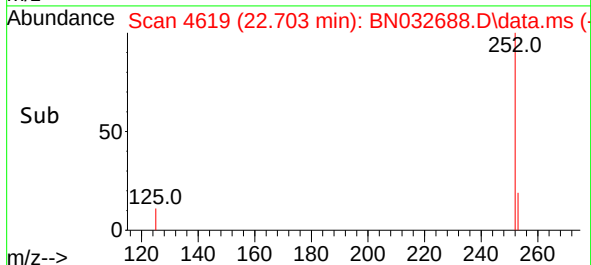
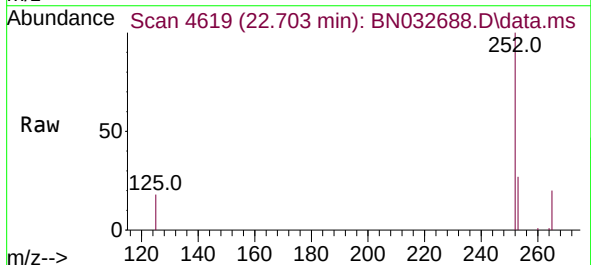
RT: 22.703 min Scan# 4619

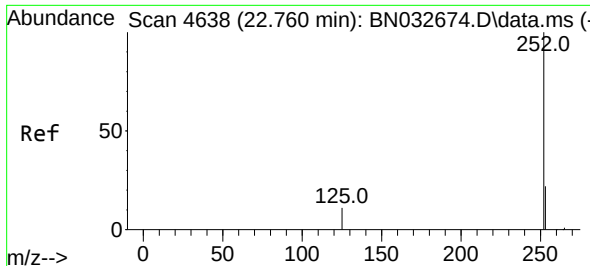
Delta R.T. -0.031 min

Lab File: BN032688.D

Acq: 13 Jul 2024 00:38

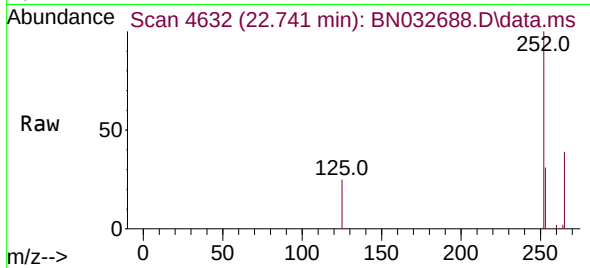
Tgt Ion:252	Resp:	45065
Ion Ratio	Lower	Upper
252	100	
253	26.6	0.0 54.0
125	17.7	0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 0.252 ng/ul m
RT: 22.741 min Scan# 4632
Delta R.T. -0.036 min
Lab File: BN032688.D
Acq: 13 Jul 2024 00:38

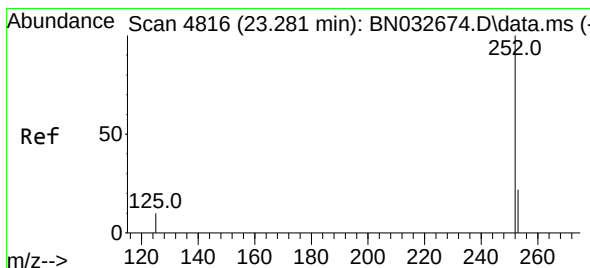
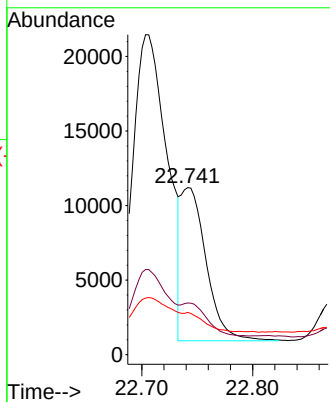
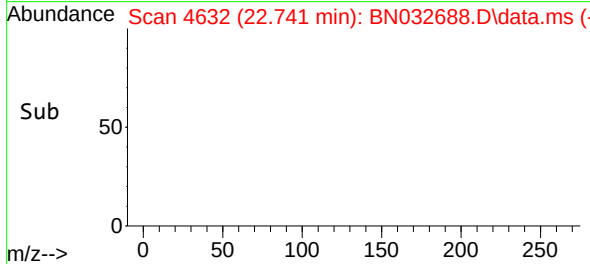
Instrument :
BNA_N
ClientSampleId :
A4CX1DL



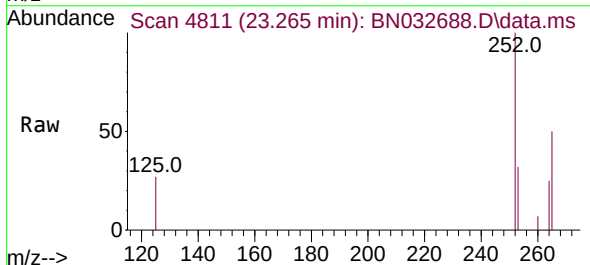
Tgt Ion:252 Resp: 1640
Ion Ratio Lower Upper
252 100
253 30.9 21.2 31.8
125 25.3 14.8 22.2

Manual Integrations
APPROVED

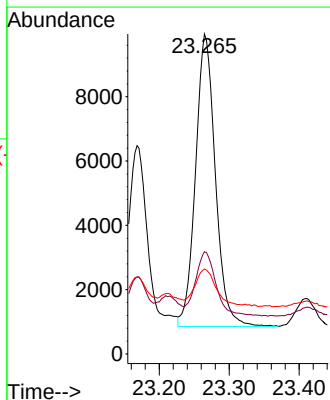
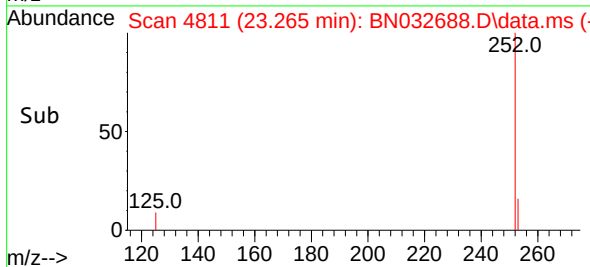
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

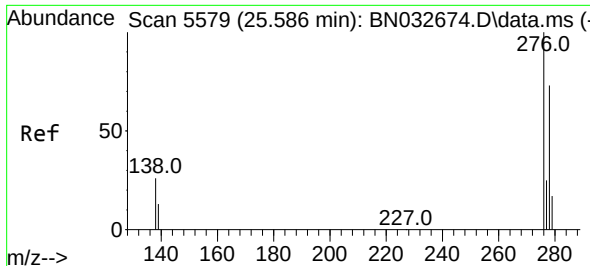


#26
Benzo(a)pyrene
Concen: 0.387 ng/ul
RT: 23.265 min Scan# 4811
Delta R.T. -0.045 min
Lab File: BN032688.D
Acq: 13 Jul 2024 00:38



Tgt Ion:252 Resp: 17885
Ion Ratio Lower Upper
252 100
253 32.0 25.4 38.0
125 26.6 20.6 30.8





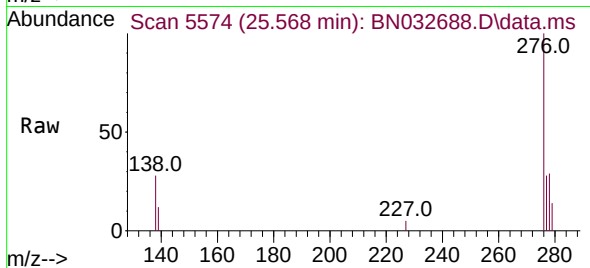
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.298 ng/ul
RT: 25.568 min Scan# 5579
Delta R.T. -0.058 min
Lab File: BN032688.D
Acq: 13 Jul 2024 00:38

Instrument :

BNA_N

ClientSampleId :

A4CX1DL



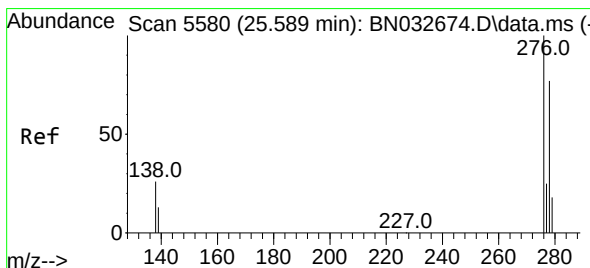
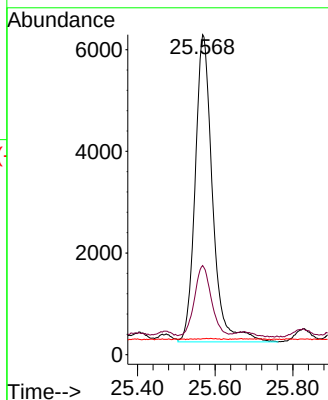
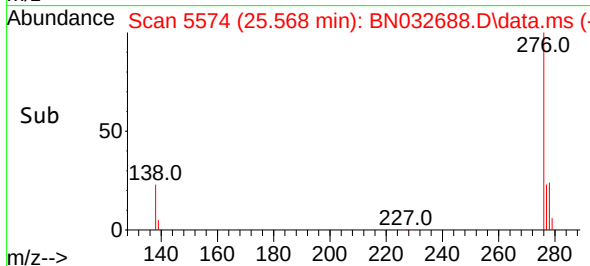
Tgt Ion:276 Resp: 1868
Ion Ratio Lower Upper
276 100
138 22.4 21.6 32.4
227 0.3 0.0 0.0

Manual Integrations

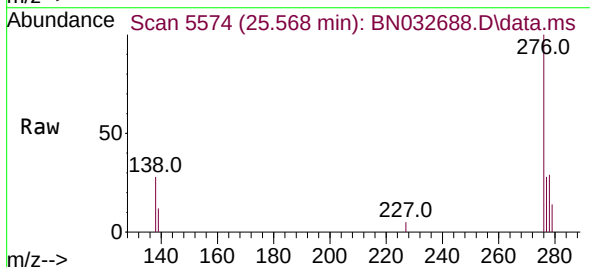
APPROVED

Reviewed By :Yogesh Patel 07/13/2024

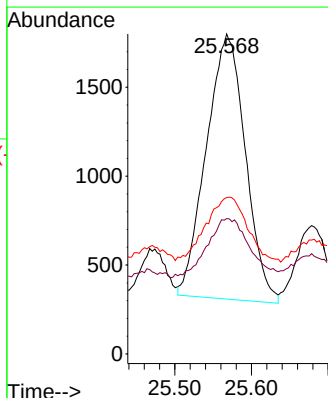
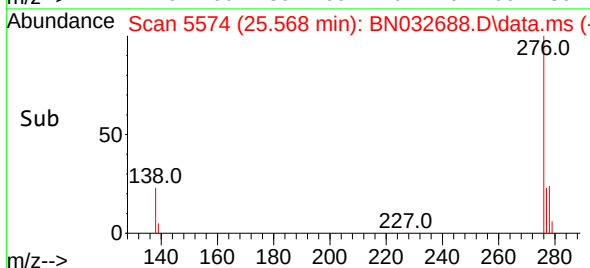
Supervised By :mohammad ahmed 07/16/2024

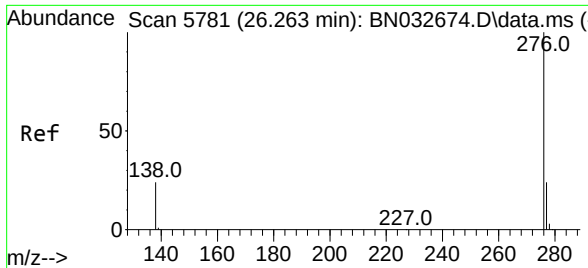


#28
Dibenzo(a,h)anthracene
Concen: 0.109 ng/ul
RT: 25.568 min Scan# 5574
Delta R.T. -0.072 min
Lab File: BN032688.D
Acq: 13 Jul 2024 00:38



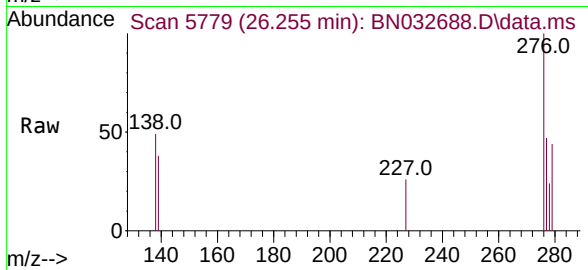
Tgt Ion:278 Resp: 5284
Ion Ratio Lower Upper
278 100
139 42.3 16.6 24.8#
279 48.9 23.7 35.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.059 ng/ul
 RT: 26.255 min Scan# 51
 Delta R.T. -0.045 min
 Lab File: BN032688.D
 Acq: 13 Jul 2024 00:38

Instrument :
 BNA_N
 ClientSampleId :
 A4CX1DL



Tgt Ion: 276 Resp: 3099
 Ion Ratio Lower Upper
 276 100
 138 48.7 21.0 31.4
 277 47.3 20.6 31.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

