

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
 Data File : BN032048.D
 Acq On : 18 Jun 2024 17:17
 Operator : MA/JU
 Sample : P2696-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BN5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 18 19:12:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 14:06:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	10676	0.400	ng/ul	0.00
4) Naphthalene-d8	10.426	136	37528	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.290	164	24399	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.041	188	55572	0.400	ng/ul	0.00
17) Chrysene-d12	21.238	240	42348	0.400	ng/ul	0.00
23) Perylene-d12	23.459	264	36811m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.173	96	29064	2.539	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.026	152	9170	0.150	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	21927	0.171	ng/ul	0.00
Target Compounds						
					Qvalue	
11) Acenaphthene	14.355	153	1654	0.021	ng/ul	97
12) Fluorene	15.345	166	1951	0.021	ng/ul#	96
15) Phenanthrene	17.083	178	34787	0.222	ng/ul	99
16) Anthracene	17.172	178	5447	0.039	ng/ul#	91
19) Fluoranthene	19.106	202	53610	0.344	ng/ul	100
20) Pyrene	19.468	202	51631	0.316	ng/ul	100
21) Benzo(a)anthracene	21.220	228	20859	0.128	ng/ul	95
22) Chrysene	21.273	228	26844	0.166	ng/ul	96
24) Benzo(b)fluoranthene	22.792	252	33544m	0.207	ng/ul	
25) Benzo(k)fluoranthene	22.833	252	15339m	0.099	ng/ul	
26) Benzo(a)pyrene	23.362	252	17310	0.151	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.706	276	15158	0.098	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.717	278	4723	0.039	ng/ul#	51
29) Benzo(g,h,i)perylene	26.397	276	15165	0.123	ng/ul#	91

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

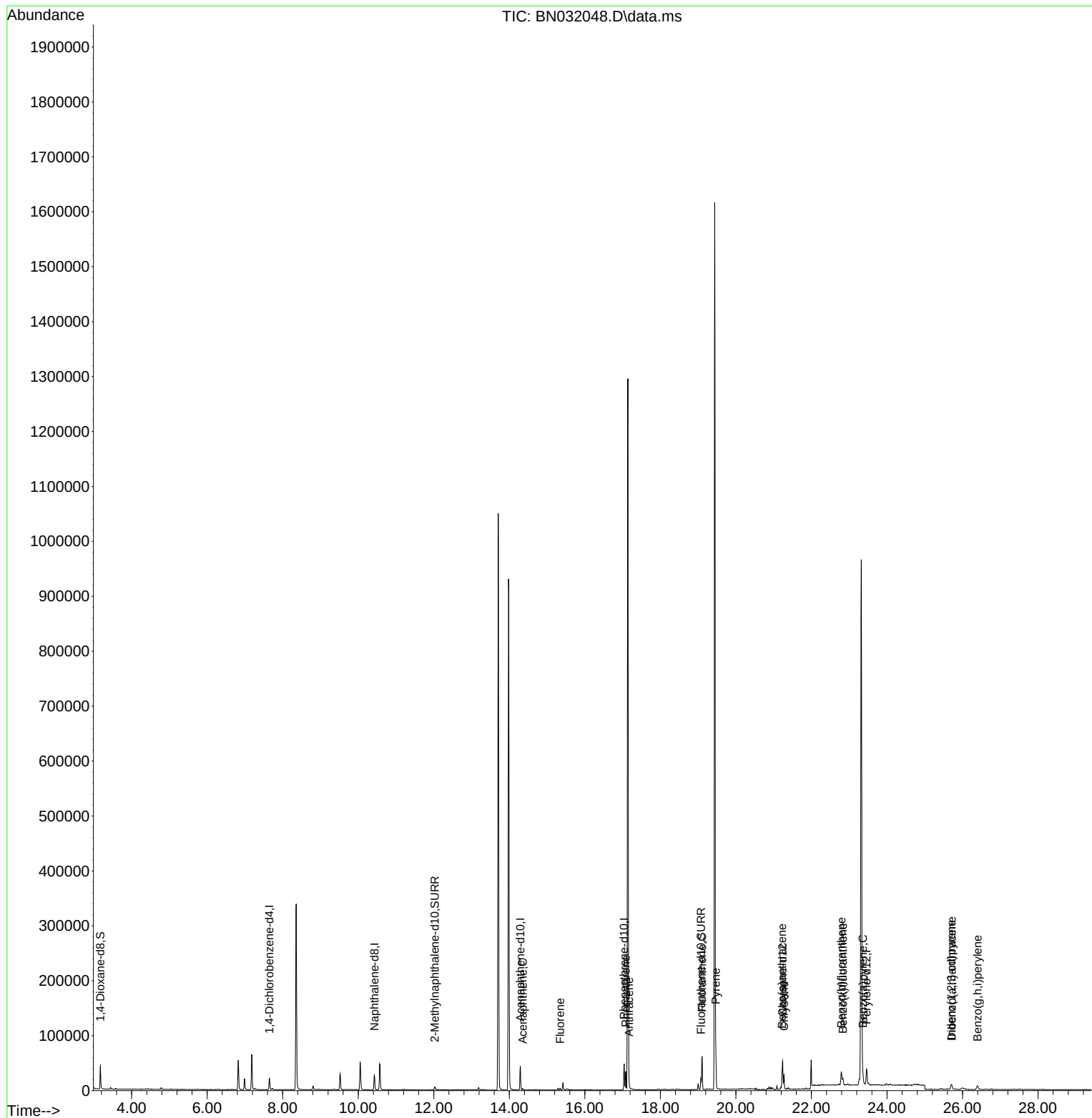
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
Data File : BN032048.D
Acq On : 18 Jun 2024 17:17
Operator : MA/JU
Sample : P2696-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

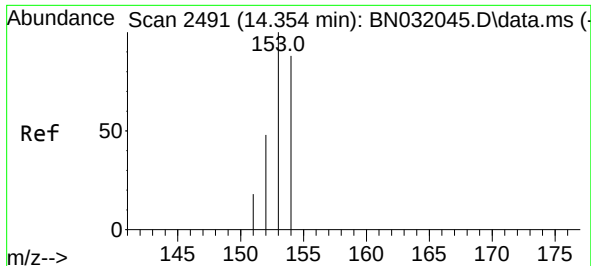
Instrument :
BNA_N
ClientSampleId :
A4BN5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

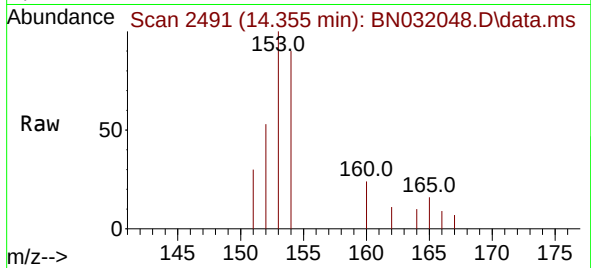
Quant Time: Jun 18 19:12:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 14:06:13 2024
Response via : Initial Calibration





#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.355 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BN032048.D
Acq: 18 Jun 2024 17:17

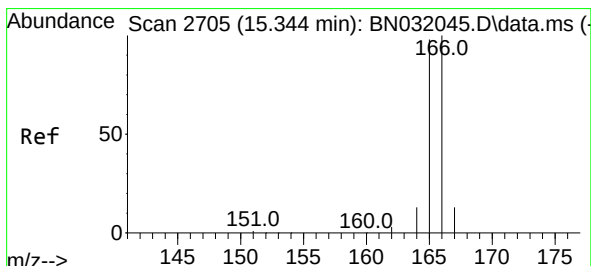
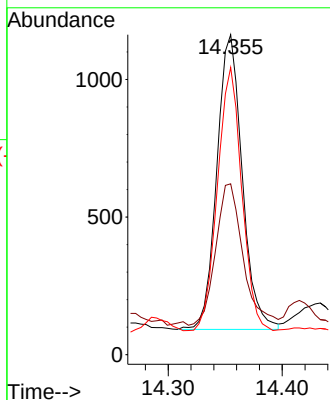
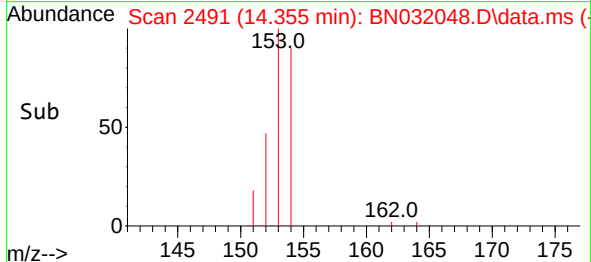
Instrument :
BNA_N
ClientSampleId :
A4BN5



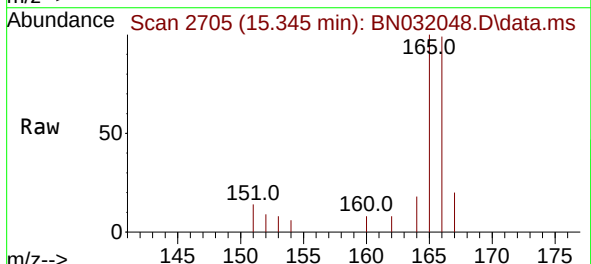
Tgt Ion:153 Resp: 1654
Ion Ratio Lower Upper
153 100
152 53.4 39.4 59.2
154 89.8 71.2 106.8

Manual Integrations
APPROVED

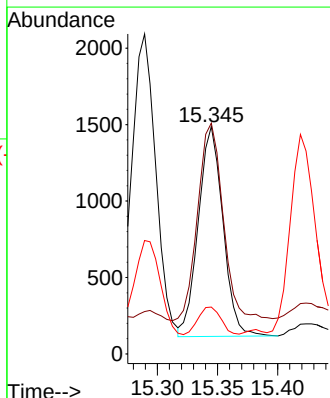
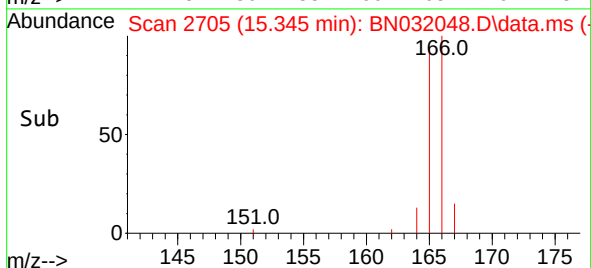
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

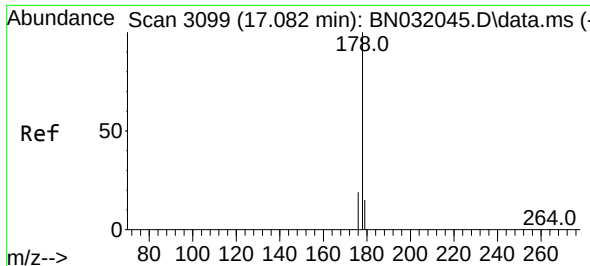


#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.345 min Scan# 2705
Delta R.T. 0.000 min
Lab File: BN032048.D
Acq: 18 Jun 2024 17:17



Tgt Ion:166 Resp: 1951
Ion Ratio Lower Upper
166 100
165 101.5 79.0 118.6
167 20.6 11.0 16.6#





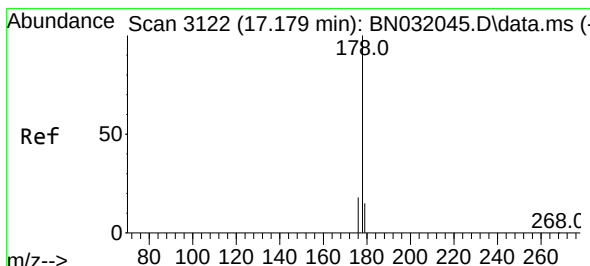
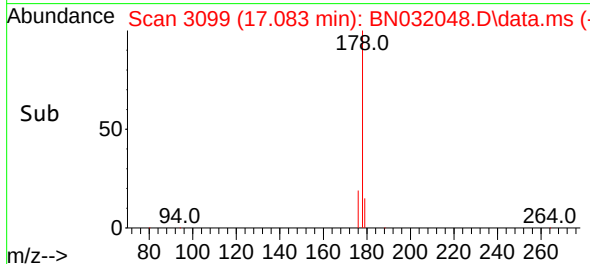
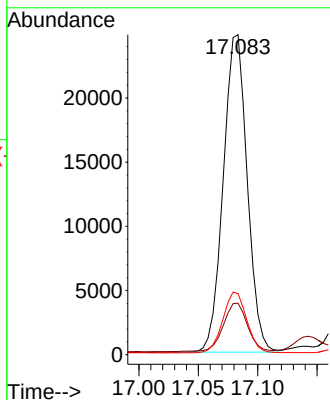
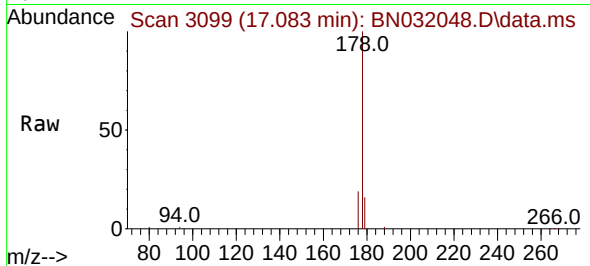
#15
Phenanthrene
Concen: 0.222 ng/u1
RT: 17.083 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BN032048.D
Acq: 18 Jun 2024 17:17

Instrument :
BNA_N
ClientSampleId :
A4BN5

Tgt Ion:178 Resp: 3478
Ion Ratio Lower Upper
178 100
179 16.1 12.5 18.7
176 19.1 15.3 22.9

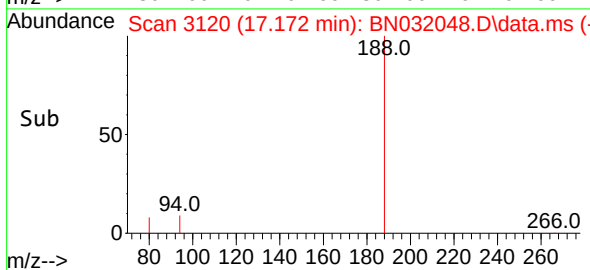
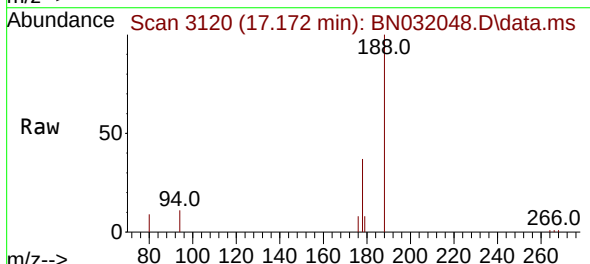
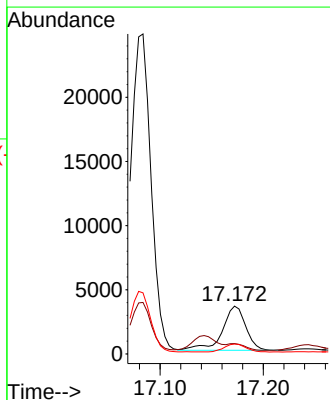
Manual Integrations
APPROVED

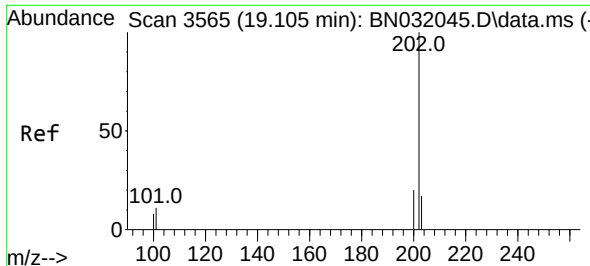
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#16
Anthracene
Concen: 0.039 ng/u1
RT: 17.172 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN032048.D
Acq: 18 Jun 2024 17:17

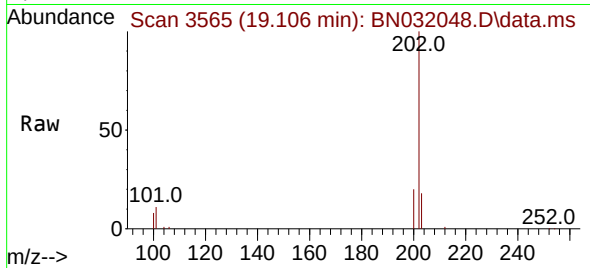
Tgt Ion:178 Resp: 5447
Ion Ratio Lower Upper
178 100
179 21.8 12.7 19.1#
176 20.9 14.8 22.2





#19
Fluoranthene
Concen: 0.344 ng/ul
RT: 19.106 min Scan# 3565
Delta R.T. 0.000 min
Lab File: BN032048.D
Acq: 18 Jun 2024 17:17

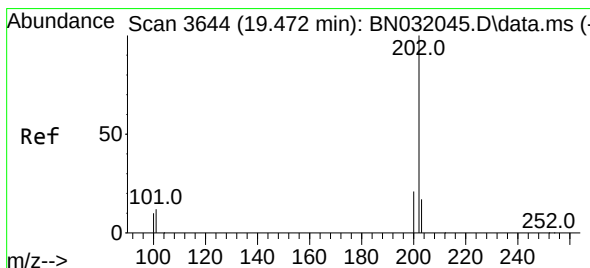
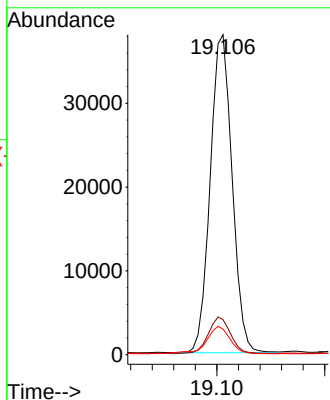
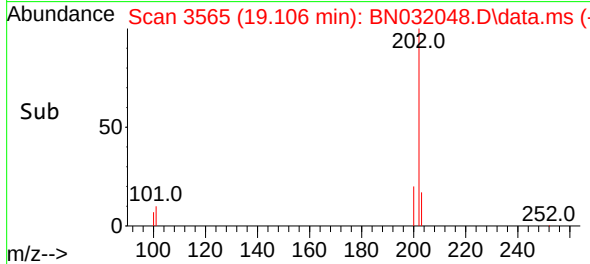
Instrument :
BNA_N
ClientSampleId :
A4BN5



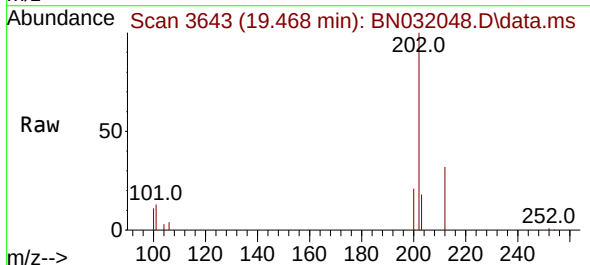
Tgt Ion:202 Resp: 53610
Ion Ratio Lower Upper
202 100
101 10.9 8.8 13.2
100 8.0 6.6 9.8

Manual Integrations
APPROVED

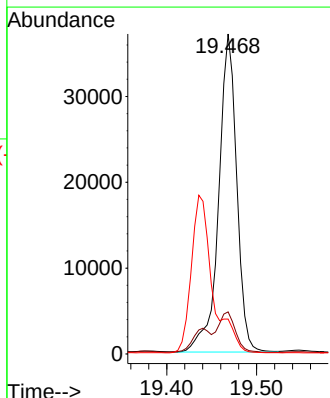
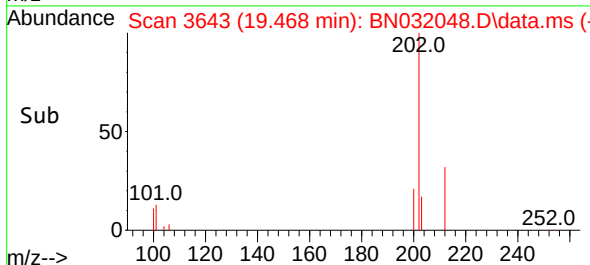
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

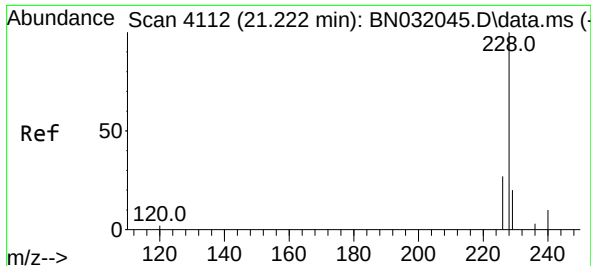


#20
Pyrene
Concen: 0.316 ng/ul
RT: 19.468 min Scan# 3643
Delta R.T. 0.000 min
Lab File: BN032048.D
Acq: 18 Jun 2024 17:17



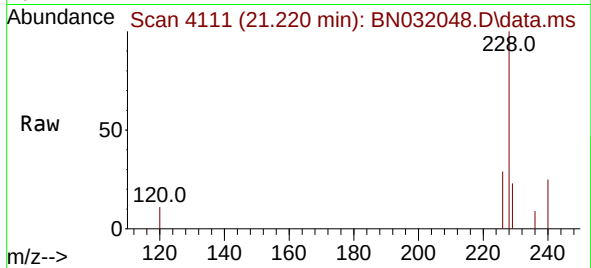
Tgt Ion:202 Resp: 51631
Ion Ratio Lower Upper
202 100
101 13.2 10.5 15.7
100 10.9 8.6 12.8





#21
Benzo(a)anthracene
Concen: 0.128 ng/ul
RT: 21.220 min Scan# 4112
Delta R.T. -0.003 min
Lab File: BN032048.D
Acq: 18 Jun 2024 17:17

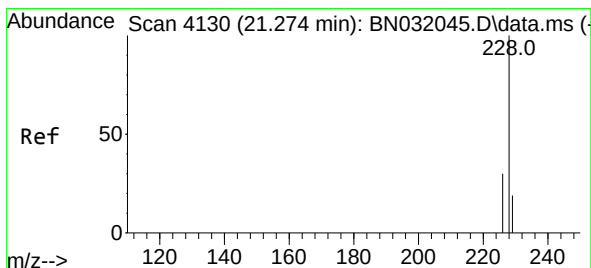
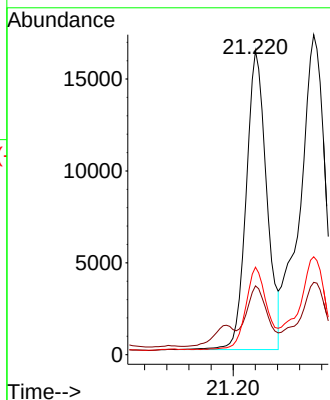
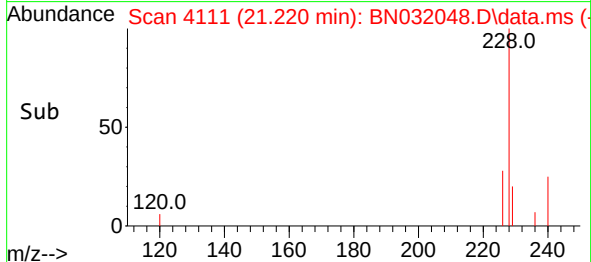
Instrument :
BNA_N
ClientSampleId :
A4BN5



Tgt Ion:228 Resp: 20859
Ion Ratio Lower Upper
228 100
229 22.6 15.7 23.5
226 28.8 21.7 32.5

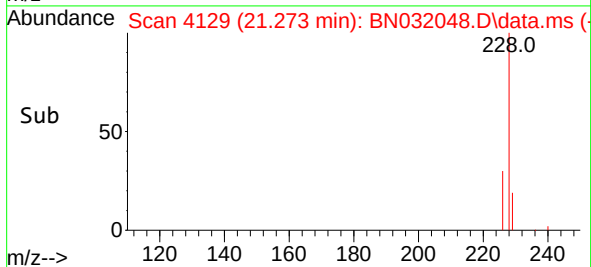
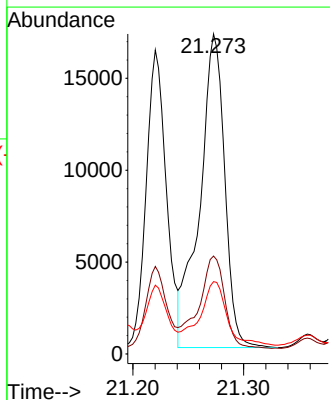
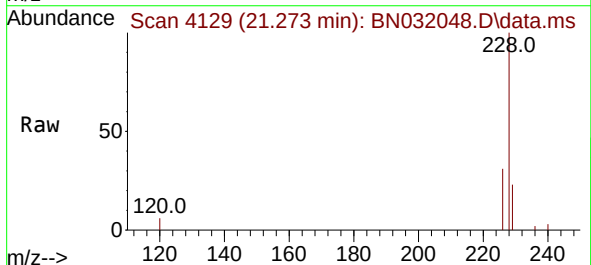
Manual Integrations
APPROVED

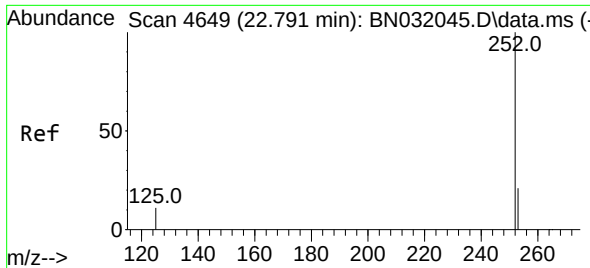
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 0.166 ng/ul
RT: 21.273 min Scan# 4129
Delta R.T. -0.003 min
Lab File: BN032048.D
Acq: 18 Jun 2024 17:17

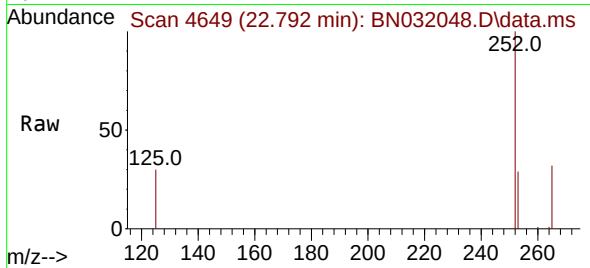
Tgt Ion:228 Resp: 26844
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 22.6 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 0.207 ng/ul m
RT: 22.792 min Scan# 4649
Delta R.T. 0.000 min
Lab File: BN032048.D
Acq: 18 Jun 2024 17:17

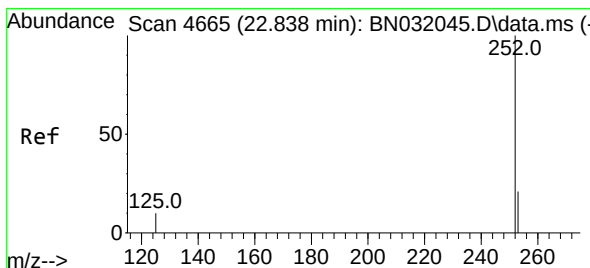
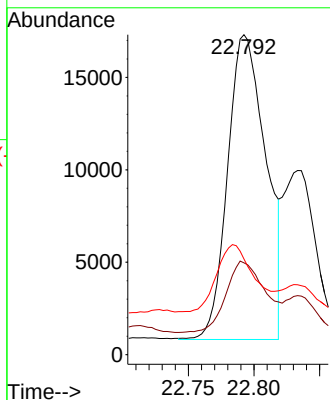
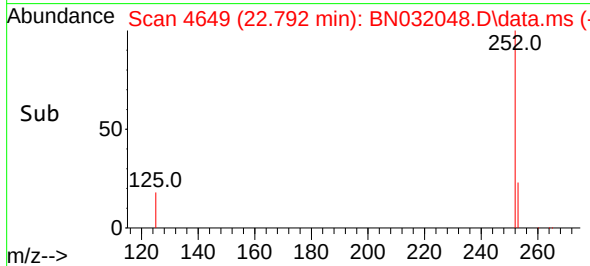
Instrument :
BNA_N
ClientSampleId :
A4BN5



Tgt Ion:252 Resp: 33544
Ion Ratio Lower Upper
252 100
253 28.7 0.0 47.4
125 29.9 0.0 28.8

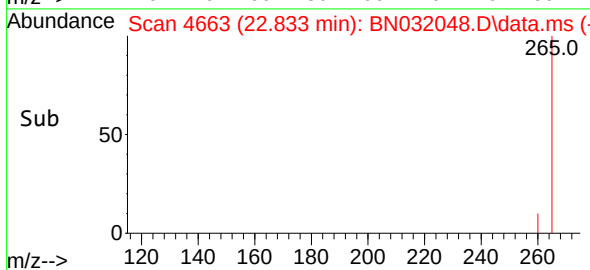
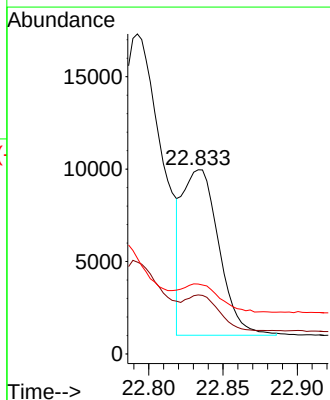
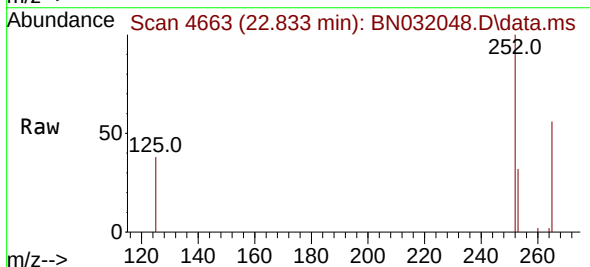
Manual Integrations
APPROVED

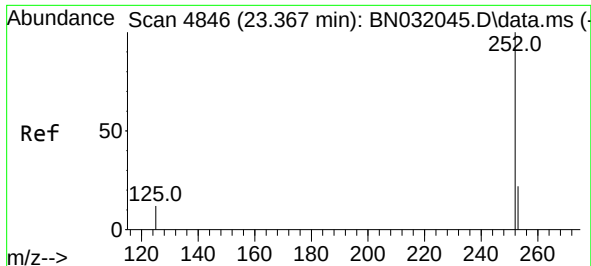
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.099 ng/ul m
RT: 22.833 min Scan# 4663
Delta R.T. -0.003 min
Lab File: BN032048.D
Acq: 18 Jun 2024 17:17

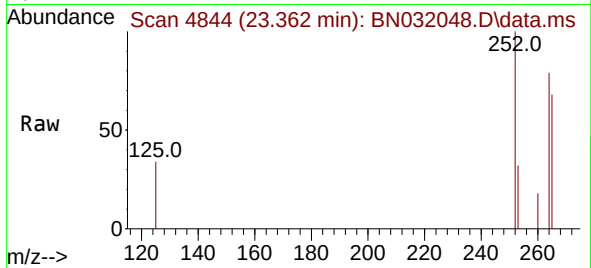
Tgt Ion:252 Resp: 15339
Ion Ratio Lower Upper
252 100
253 32.1 18.8 28.2#
125 38.0 11.1 16.7#





#26
Benzo(a)pyrene
Concen: 0.151 ng/ul
RT: 23.362 min Scan# 4844
Delta R.T. -0.003 min
Lab File: BN032048.D
Acq: 18 Jun 2024 17:17

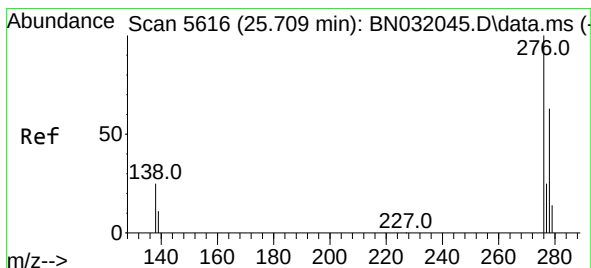
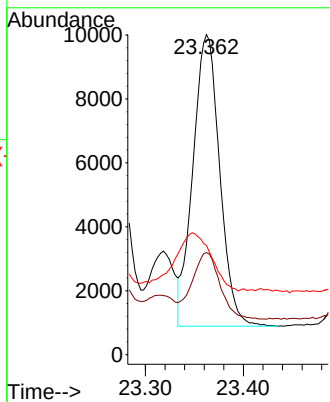
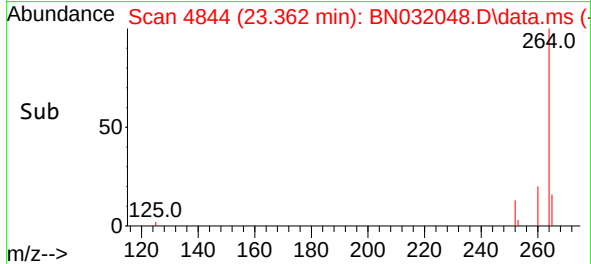
Instrument :
BNA_N
ClientSampleId :
A4BN5



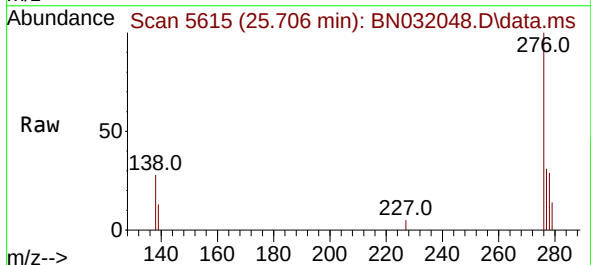
Tgt Ion:252 Resp: 17310
Ion Ratio Lower Upper
252 100
253 31.9 19.9 29.9
125 34.1 13.5 20.3

Manual Integrations
APPROVED

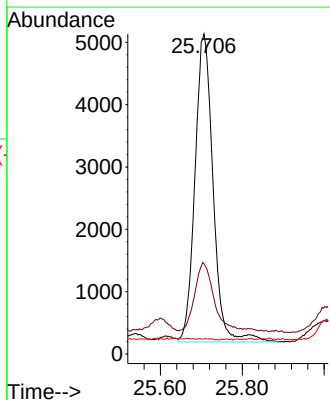
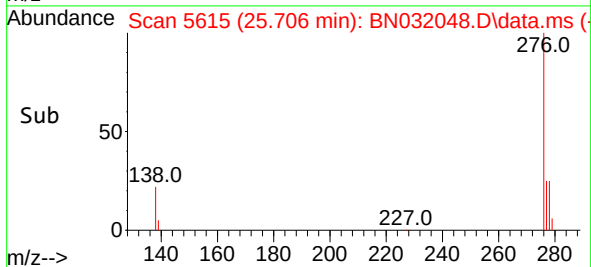
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

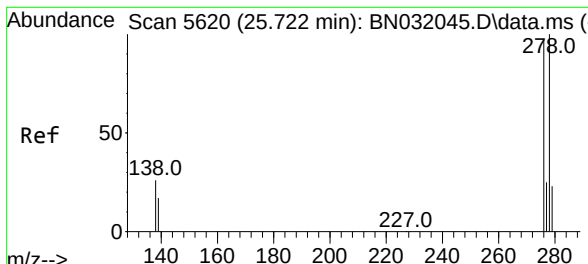


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.098 ng/ul
RT: 25.706 min Scan# 5615
Delta R.T. 0.000 min
Lab File: BN032048.D
Acq: 18 Jun 2024 17:17



Tgt Ion:276 Resp: 15158
Ion Ratio Lower Upper
276 100
138 23.8 21.0 31.4
227 0.1 0.2 0.2





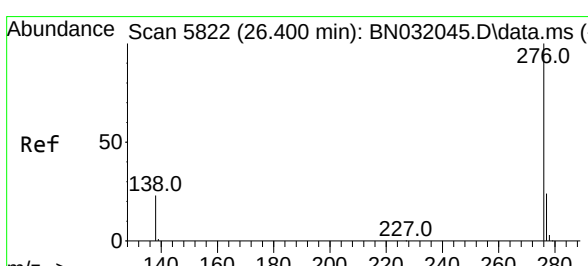
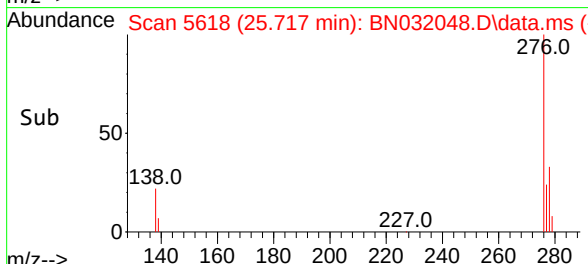
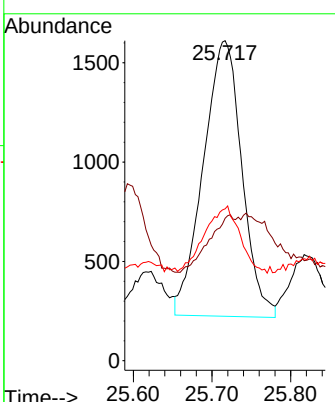
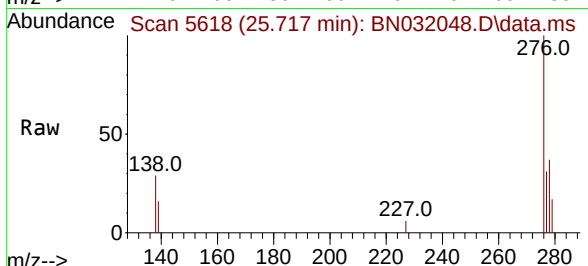
#28
 Dibenzo(a,h)anthracene
 Concen: 0.039 ng/ul
 RT: 25.717 min Scan# 5618
 Delta R.T. -0.007 min
 Lab File: BN032048.D
 Acq: 18 Jun 2024 17:17

Instrument : BNA_N
 ClientSampleId : A4BN5

Tgt Ion: 278 Resp: 472

Ion	Ratio	Lower	Upper
278	100		
139	44.5	14.9	22.3
279	47.5	20.6	31.0

Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.123 ng/ul
 RT: 26.397 min Scan# 5821
 Delta R.T. 0.000 min
 Lab File: BN032048.D
 Acq: 18 Jun 2024 17:17

Tgt Ion: 276 Resp: 15165

Ion	Ratio	Lower	Upper
276	100		
138	28.9	19.0	28.4
277	29.1	20.4	30.6

