

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032420.D
 Acq On : 03 Jul 2024 03:23
 Operator : MA/JU
 Sample : P2963-04
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BQ2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 03:57:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	8855	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	27910	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.248	164	16917	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	30002m	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	20245m	0.400	ng/ul	0.00
23) Perylene-d12	23.421	264	24499m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	40041	4.068	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	13246	0.316	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	22350m	0.367	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.426	128	60122	0.814	ng/ul	99
7) 2-Methylnaphthalene	12.048	142	23994	0.490	ng/ul	98
8) 1-Methylnaphthalene	12.274	142	14713	0.290	ng/ul	99
10) Acenaphthylene	13.971	152	95403	1.356	ng/ul	100
11) Acenaphthene	14.313	153	24197	0.443	ng/ul	99
12) Fluorene	15.303	166	31462	0.484	ng/ul#	98
14) Pentachlorophenol	16.670	266	680m	0.100	ng/ul	
15) Phenanthrene	17.046	178	604162m	7.345	ng/ul	
16) Anthracene	17.138	178	151106m	2.060	ng/ul	
19) Fluoranthene	19.069	202	978277m	12.690	ng/ul	
20) Pyrene	19.436	202	750390m	9.314	ng/ul	
21) Benzo(a)anthracene	21.191	228	470214m	6.435	ng/ul	
22) Chrysene	21.241	228	563815m	7.030	ng/ul	
24) Benzo(b)fluoranthene	22.757	252	787210m	7.396	ng/ul	
25) Benzo(k)fluoranthene	22.795	252	214619m	2.075	ng/ul	
26) Benzo(a)pyrene	23.324	252	287358m	3.880	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.660	276	333088m	2.873	ng/ul	
28) Dibenzo(a,h)anthracene	25.663	278	117804m	1.367	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276	54371m	0.589	ng/ul	

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

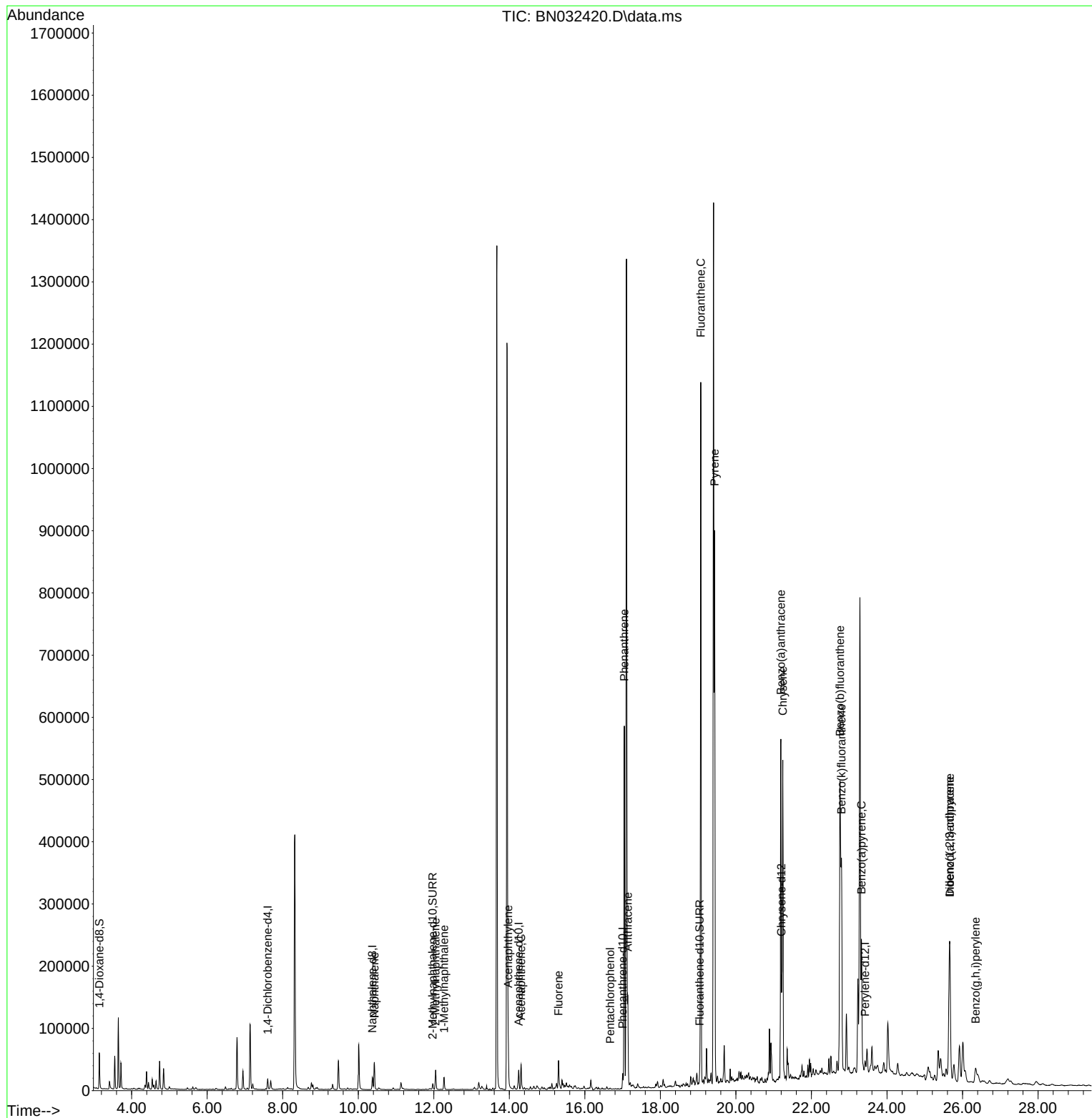
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032420.D
Acq On : 03 Jul 2024 03:23
Operator : MA/JU
Sample : P2963-04
Misc :
ALS Vial : 68 Sample Multiplier: 1

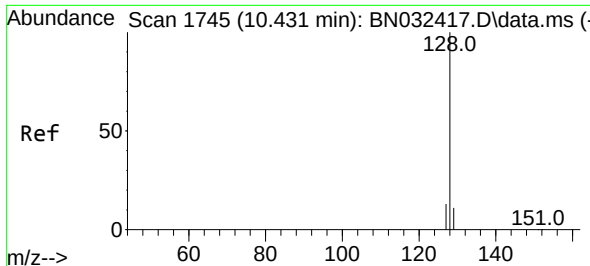
Instrument :
BNA_N
ClientSampleId :
A4BQ2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

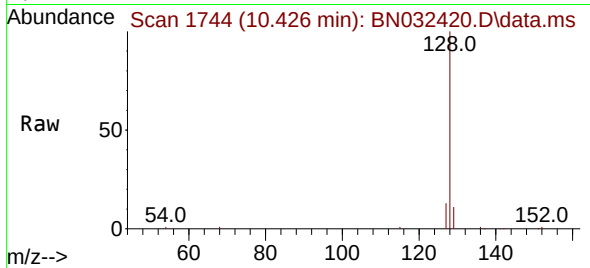
Quant Time: Jul 03 03:57:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.814 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032420.D
Acq: 03 Jul 2024 03:23

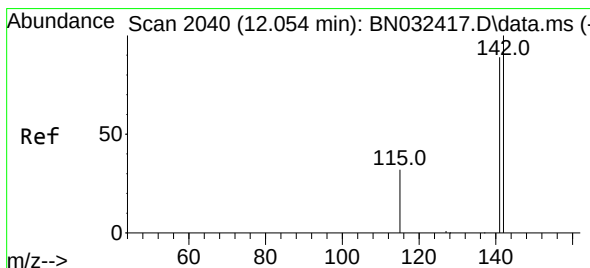
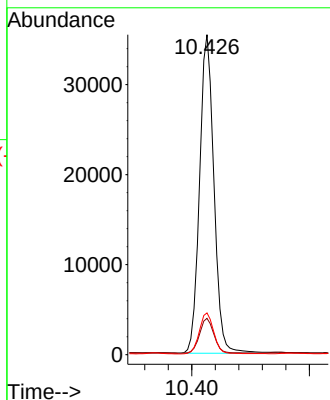
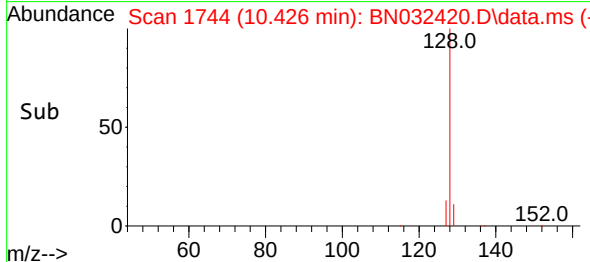
Instrument :
BNA_N
ClientSampleId :
A4BQ2



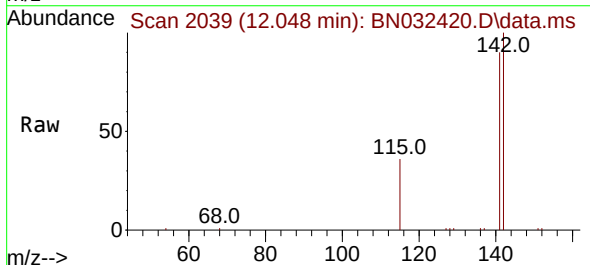
Tgt Ion:128 Resp: 6012
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.0 10.8 16.2

Manual Integrations
APPROVED

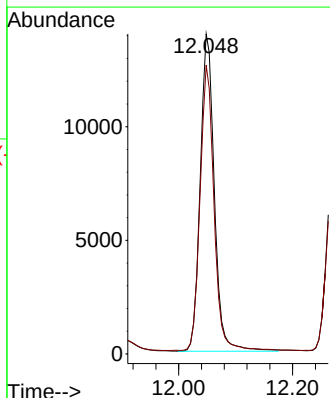
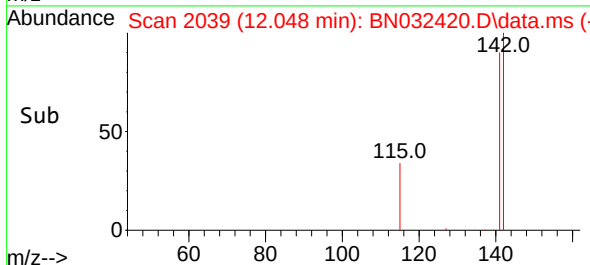
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

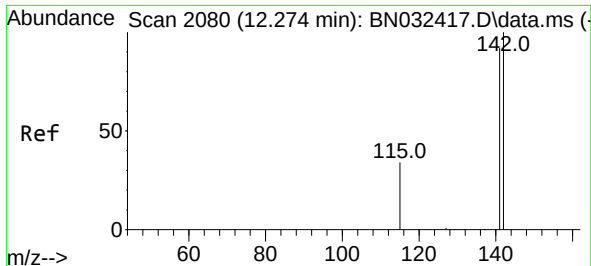


#7
2-Methylnaphthalene
Concen: 0.490 ng/ul
RT: 12.048 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BN032420.D
Acq: 03 Jul 2024 03:23



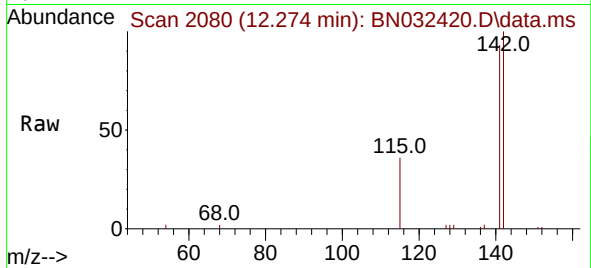
Tgt Ion:142 Resp: 23994
Ion Ratio Lower Upper
142 100
141 88.6 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.290 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BN032420.D
Acq: 03 Jul 2024 03:23

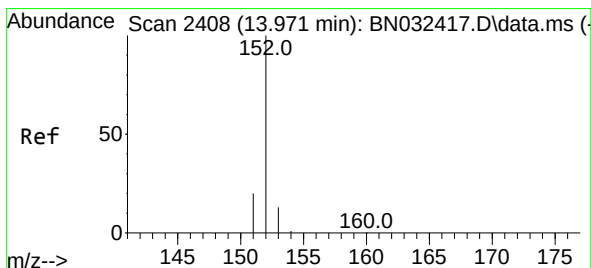
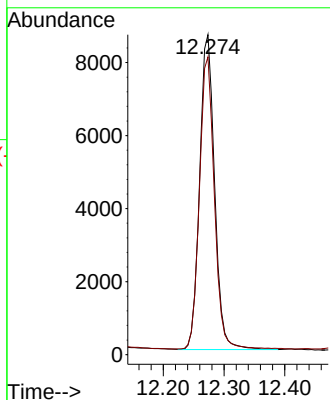
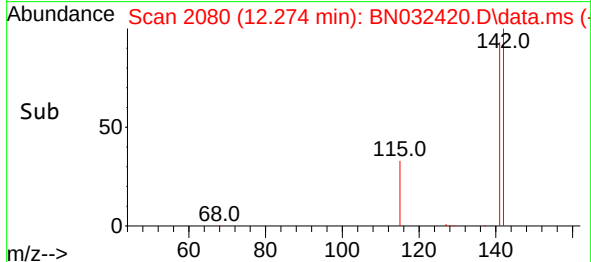
Instrument :
BNA_N
ClientSampleId :
A4BQ2



Tgt Ion:142 Resp: 14711
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.0

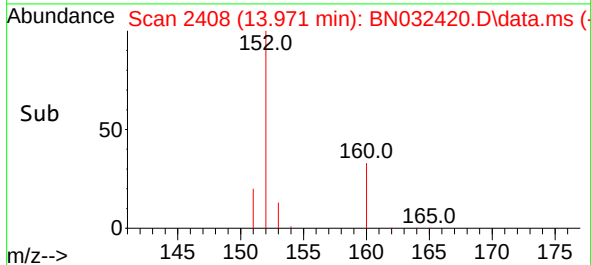
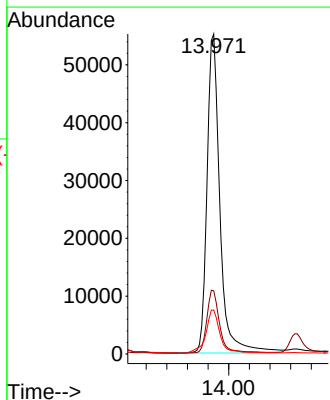
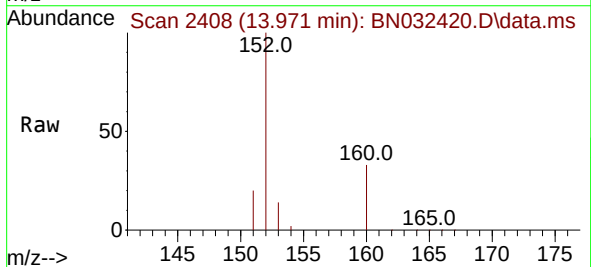
Manual Integrations
APPROVED

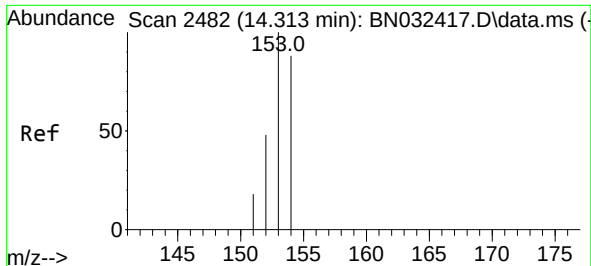
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 1.356 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN032420.D
Acq: 03 Jul 2024 03:23

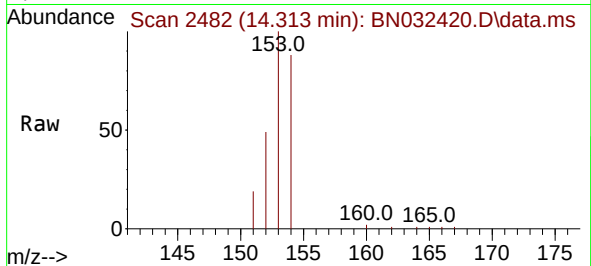
Tgt Ion:152 Resp: 95403
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.8 10.9 16.3





#11
Acenaphthene
Concen: 0.443 ng/u1
RT: 14.313 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BN032420.D
Acq: 03 Jul 2024 03:23

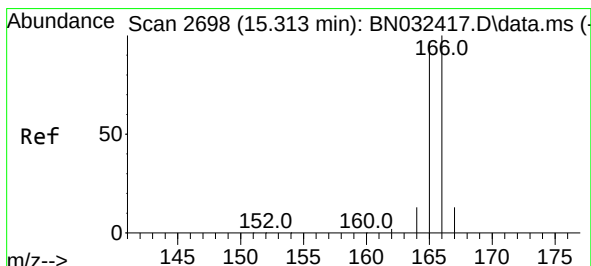
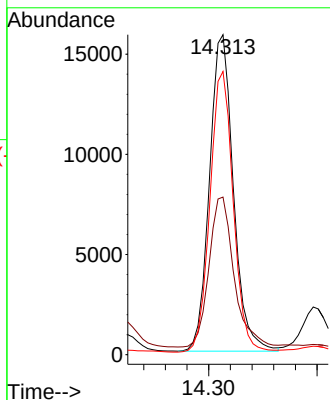
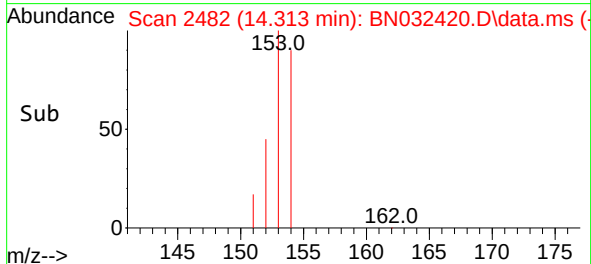
Instrument :
BNA_N
ClientSampleId :
A4BQ2



Tgt Ion:153 Resp: 2419
Ion Ratio Lower Upper
153 100
152 49.2 39.5 59.3
154 88.5 71.7 107.5

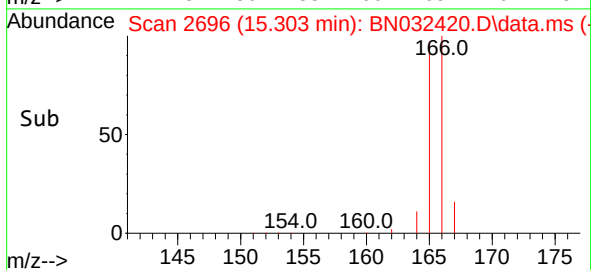
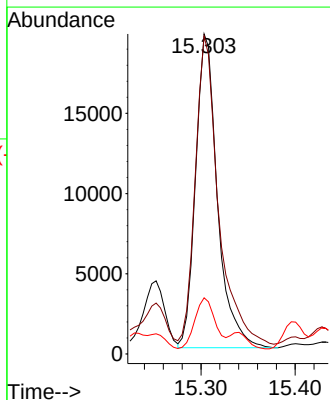
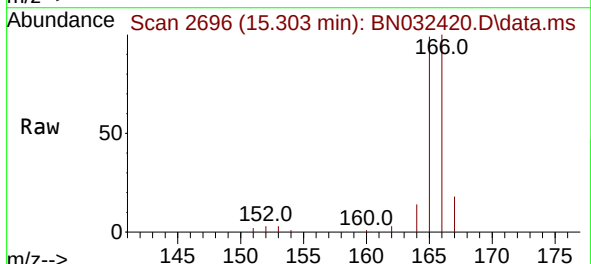
Manual Integrations
APPROVED

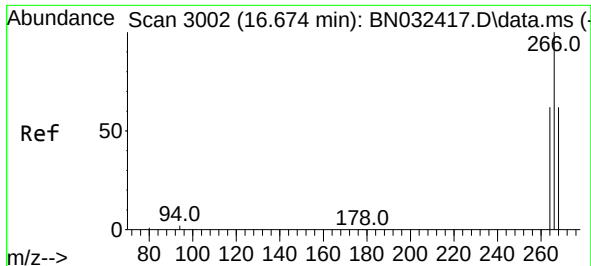
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.484 ng/u1
RT: 15.303 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BN032420.D
Acq: 03 Jul 2024 03:23

Tgt Ion:166 Resp: 31462
Ion Ratio Lower Upper
166 100
165 99.3 79.0 118.6
167 17.5 11.0 16.6#





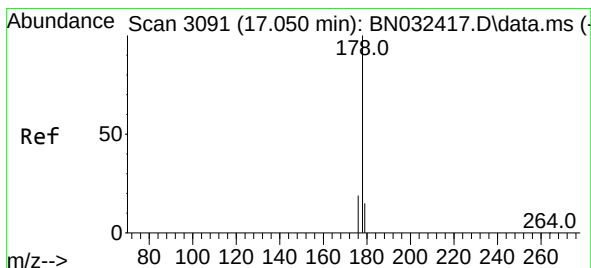
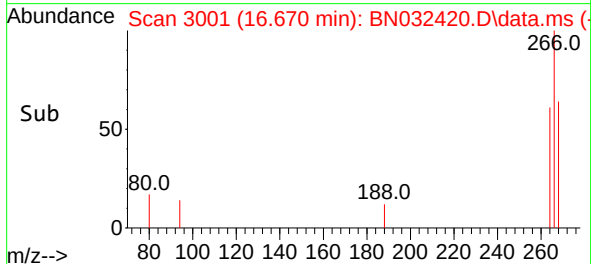
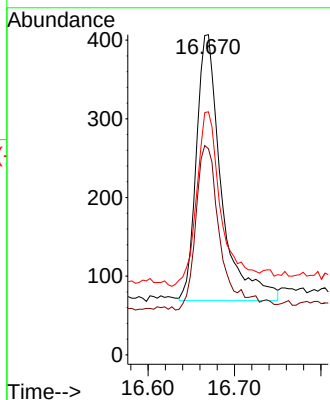
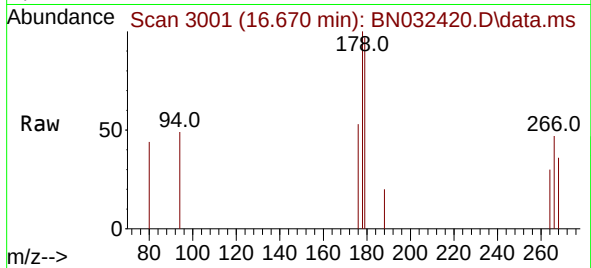
#14
Pentachlorophenol
Concen: 0.100 ng/ul m
RT: 16.670 min Scan# 3001
Delta R.T. -0.004 min
Lab File: BN032420.D
Acq: 03 Jul 2024 03:23

Instrument :
BNA_N
ClientSampleId :
A4BQ2

Tgt Ion:266 Resp: 680
Ion Ratio Lower Upper
266 100
264 0.0 49.9 74.9
268 0.0 52.4 78.6

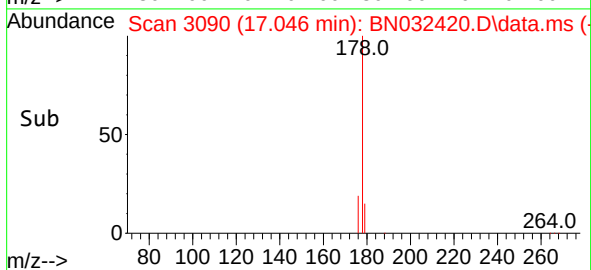
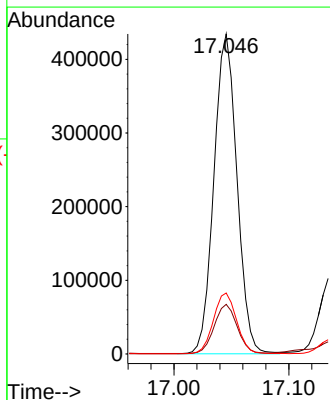
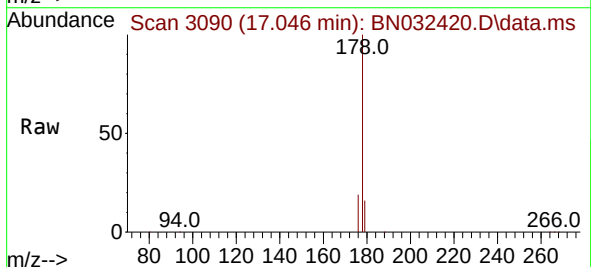
Manual Integrations
APPROVED

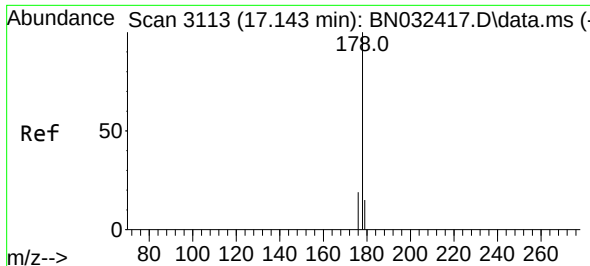
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#15
Phenanthrene
Concen: 7.345 ng/ul m
RT: 17.046 min Scan# 3090
Delta R.T. -0.004 min
Lab File: BN032420.D
Acq: 03 Jul 2024 03:23

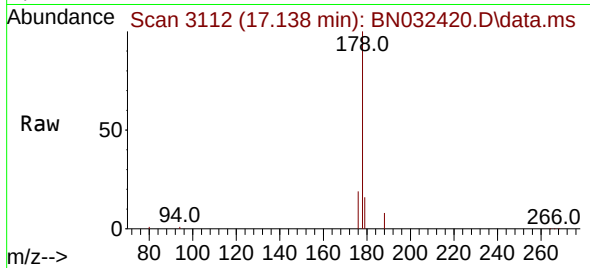
Tgt Ion:178 Resp: 604162
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.0 15.6 23.4





#16
 Anthracene
 Concen: 2.060 ng/ul m
 RT: 17.138 min Scan# 3113
 Delta R.T. -0.004 min
 Lab File: BN032420.D
 Acq: 03 Jul 2024 03:23

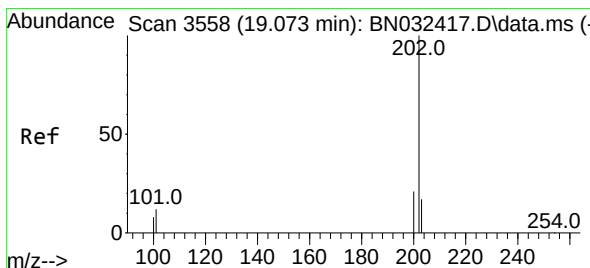
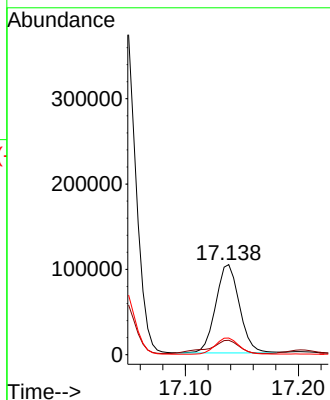
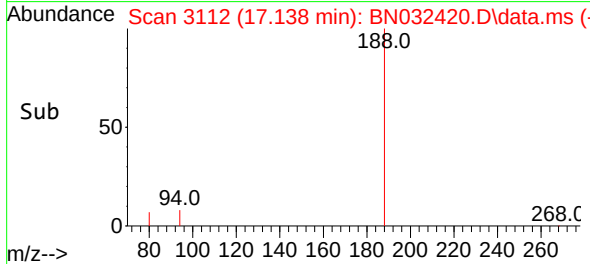
Instrument :
 BNA_N
 ClientSampleId :
 A4BQ2



Tgt Ion:178 Resp: 151100
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.5 18.7
 176 18.5 15.0 22.6

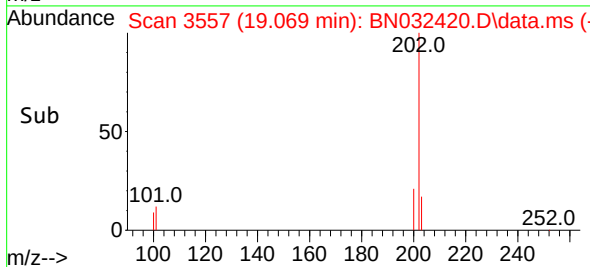
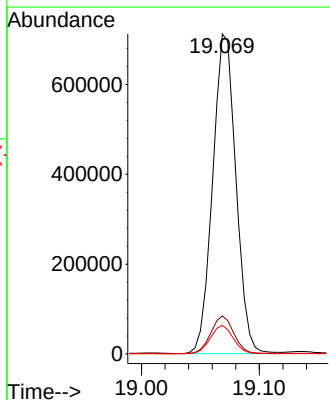
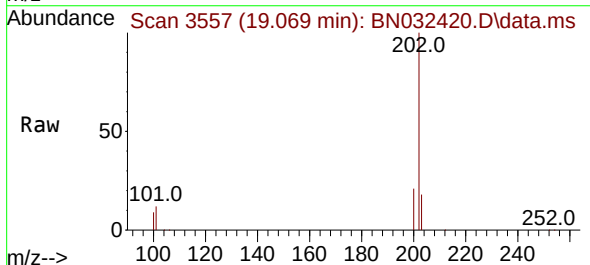
Manual Integrations
 APPROVED

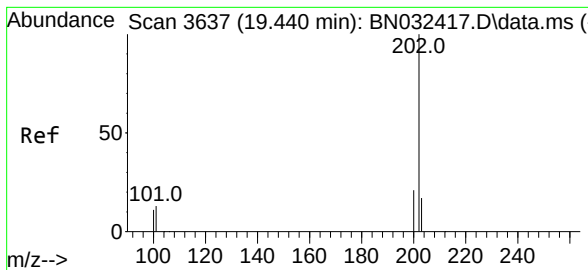
Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



#19
 Fluoranthene
 Concen: 12.690 ng/ul m
 RT: 19.069 min Scan# 3557
 Delta R.T. -0.005 min
 Lab File: BN032420.D
 Acq: 03 Jul 2024 03:23

Tgt Ion:202 Resp: 978277
 Ion Ratio Lower Upper
 202 100
 101 11.9 8.8 13.2
 100 9.0 6.4 9.6





#20

Pyrene

Concen: 9.314 ng/ul m

RT: 19.436 min Scan# 3

Delta R.T. -0.005 min

Lab File: BN032420.D

Acq: 03 Jul 2024 03:23

Instrument :

BNA_N

ClientSampleId :

A4BQ2

Tgt Ion:202 Resp: 750390

Ion Ratio Lower Upper

202 100

101 13.3 11.0 16.4

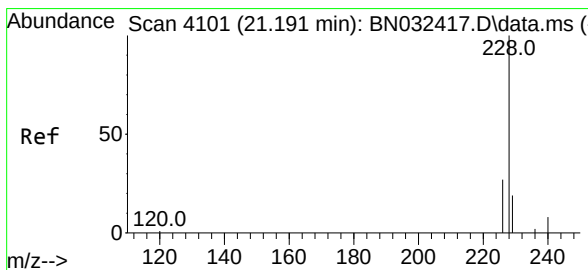
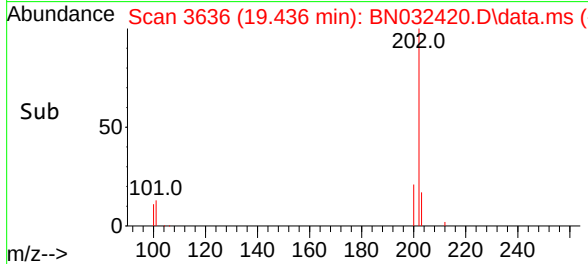
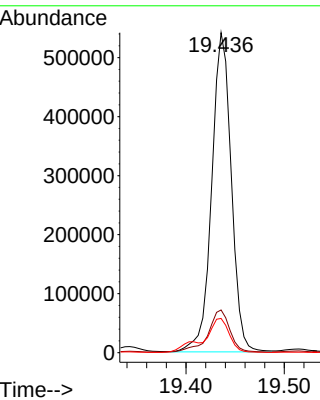
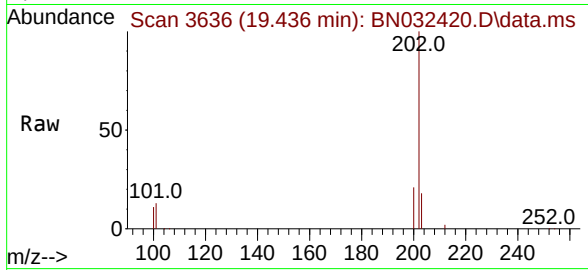
100 10.7 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2024

Supervised By :mohammad ahmed 07/04/2024



#21

Benzo(a)anthracene

Concen: 6.435 ng/ul m

RT: 21.191 min Scan# 4101

Delta R.T. 0.000 min

Lab File: BN032420.D

Acq: 03 Jul 2024 03:23

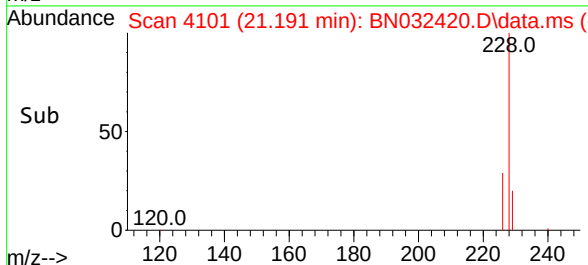
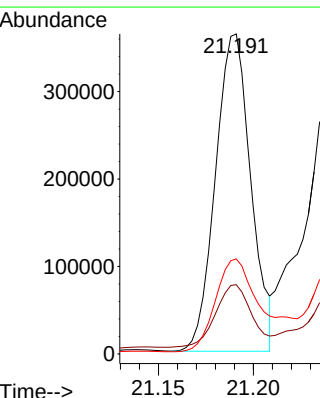
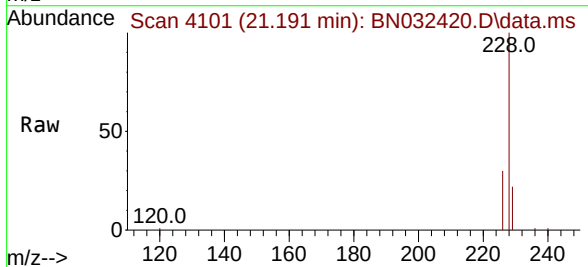
Tgt Ion:228 Resp: 470214

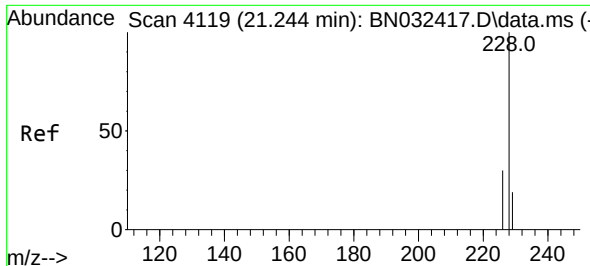
Ion Ratio Lower Upper

228 100

229 21.7 15.7 23.5

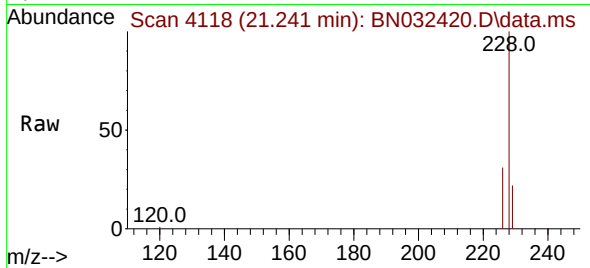
226 29.7 21.8 32.8





#22
Chrysene
Concen: 7.030 ng/ul m
RT: 21.241 min Scan# 4119
Delta R.T. -0.003 min
Lab File: BN032420.D
Acq: 03 Jul 2024 03:23

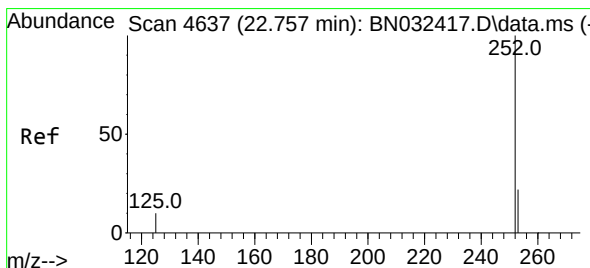
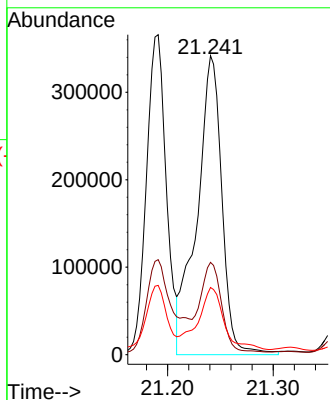
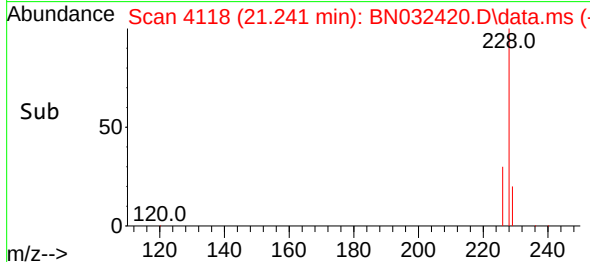
Instrument :
BNA_N
ClientSampleId :
A4BQ2



Tgt Ion:228 Resp: 563815
Ion Ratio Lower Upper
228 100
226 30.9 23.6 35.4
229 22.5 15.7 23.5

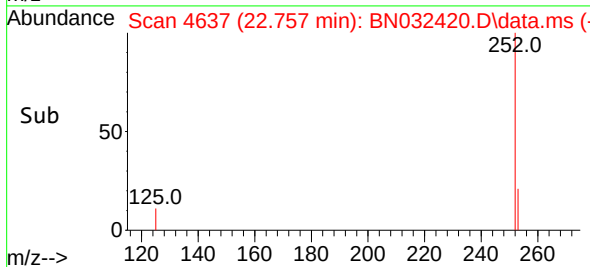
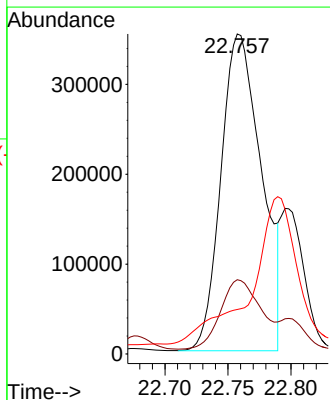
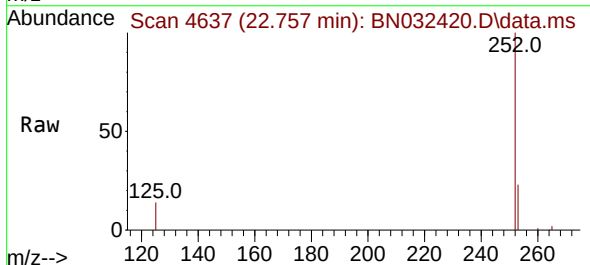
Manual Integrations
APPROVED

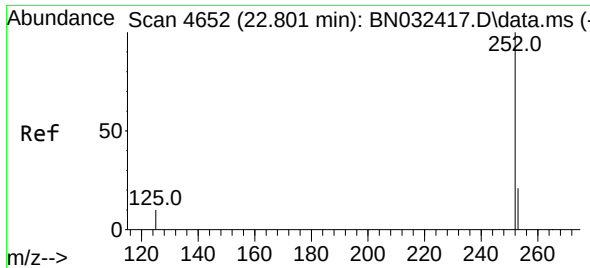
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#24
Benzo(b)fluoranthene
Concen: 7.396 ng/ul m
RT: 22.757 min Scan# 4637
Delta R.T. -0.000 min
Lab File: BN032420.D
Acq: 03 Jul 2024 03:23

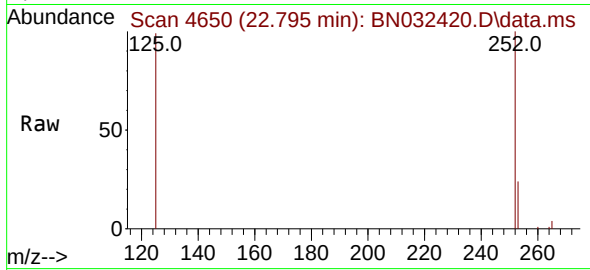
Tgt Ion:252 Resp: 787210
Ion Ratio Lower Upper
252 100
253 23.2 0.0 50.2
125 13.9 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 2.075 ng/ul m
RT: 22.795 min Scan# 4650
Delta R.T. -0.006 min
Lab File: BN032420.D
Acq: 03 Jul 2024 03:23

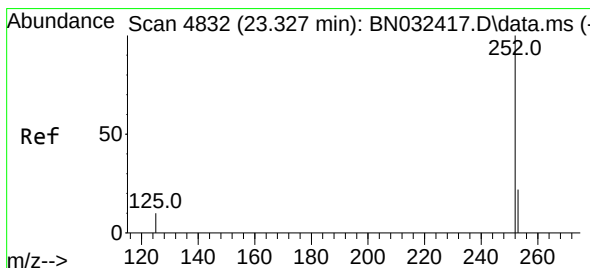
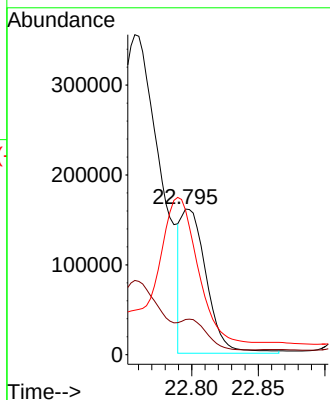
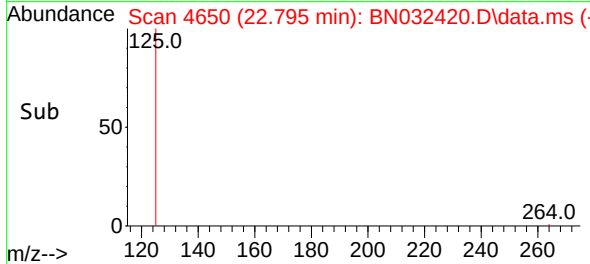
Instrument :
BNA_N
ClientSampleId :
A4BQ2



Tgt Ion:252 Resp: 214619
Ion Ratio Lower Upper
252 100
253 24.1 20.3 30.5
125 99.2 12.8 19.2

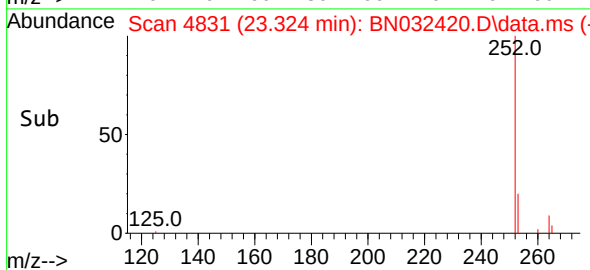
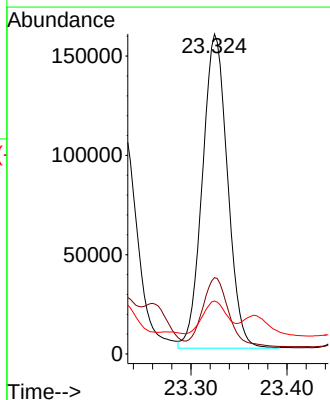
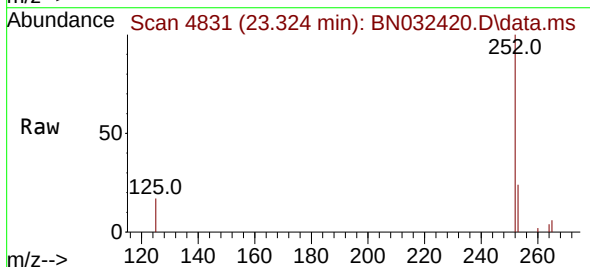
Manual Integrations
APPROVED

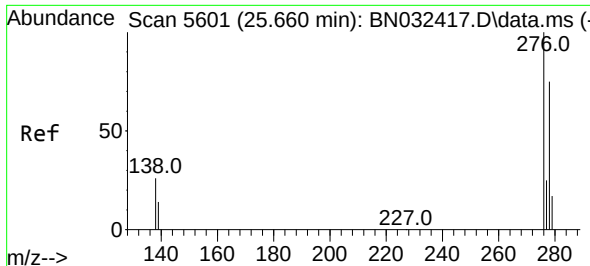
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#26
Benzo(a)pyrene
Concen: 3.880 ng/ul m
RT: 23.324 min Scan# 4831
Delta R.T. -0.003 min
Lab File: BN032420.D
Acq: 03 Jul 2024 03:23

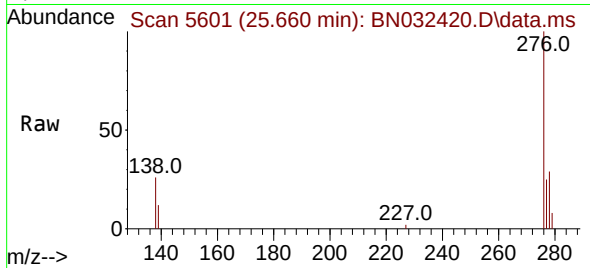
Tgt Ion:252 Resp: 287358
Ion Ratio Lower Upper
252 100
253 23.8 22.2 33.2
125 16.6 16.4 24.6





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.873 ng/ul m
RT: 25.660 min Scan# 5601
Delta R.T. 0.000 min
Lab File: BN032420.D
Acq: 03 Jul 2024 03:23

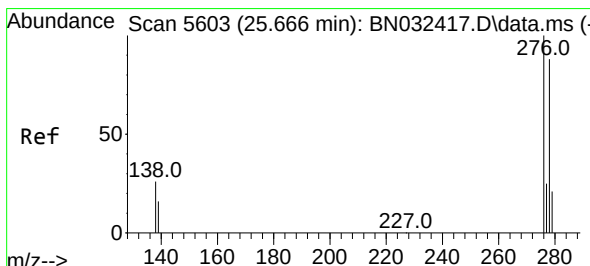
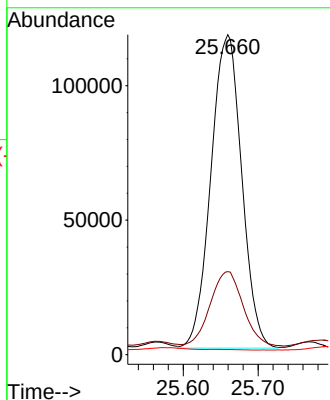
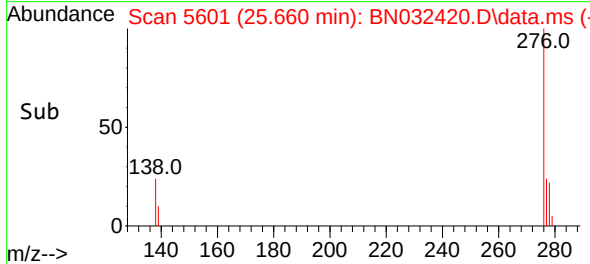
Instrument :
BNA_N
ClientSampleId :
A4BQ2



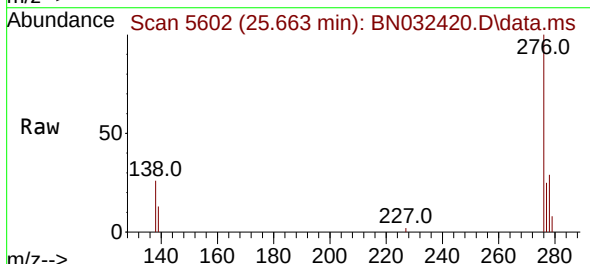
Tgt Ion:276 Resp: 333088
Ion Ratio Lower Upper
276 100
138 3.8 21.3 31.9
227 0.0 0.1 0.1

Manual Integrations
APPROVED

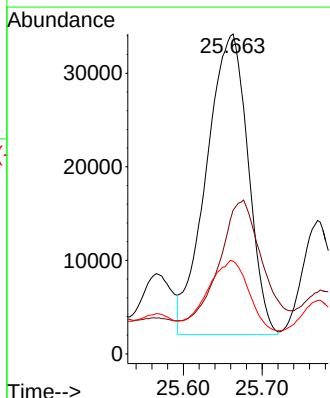
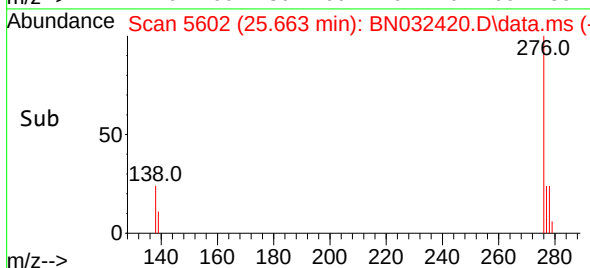
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

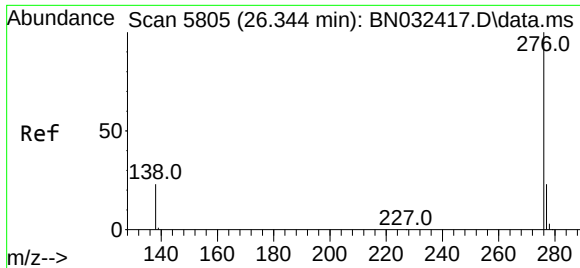


#28
Dibenzo(a,h)anthracene
Concen: 1.367 ng/ul m
RT: 25.663 min Scan# 5602
Delta R.T. -0.003 min
Lab File: BN032420.D
Acq: 03 Jul 2024 03:23



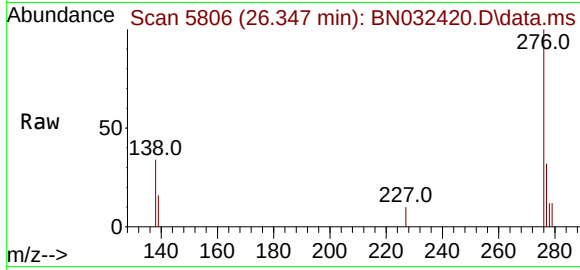
Tgt Ion:278 Resp: 117804
Ion Ratio Lower Upper
278 100
139 44.9 15.9 23.9
279 29.0 21.1 31.7





#29
Benzo(g,h,i)perylene
Concen: 0.589 ng/ul m
RT: 26.347 min Scan# 5805
Delta R.T. 0.003 min
Lab File: BN032420.D
Acq: 03 Jul 2024 03:23

Instrument :
BNA_N
ClientSampleId :
A4BQ2



Tgt Ion:276 Resp: 5437
Ion Ratio Lower Upper
276 100
138 33.8 19.8 29.6
277 31.9 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

