

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
 Data File : BN032329.D
 Acq On : 29 Jun 2024 00:52
 Operator : MA/JU
 Sample : P2934-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jun 29 01:44:07 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 : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	8551	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	27257	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	15354	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	28040m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.211	240	18641m	0.400	ng/ul	-0.01
23) Perylene-d12	23.427	264	19678m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	24980	2.628	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	7424	0.182	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	12762	0.228	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.437	128	2717	0.038	ng/ul#	87
7) 2-Methylnaphthalene	12.065	142	1013	0.021	ng/ul	96
10) Acenaphthylene	13.975	152	2487	0.039	ng/ul#	80
11) Acenaphthene	14.322	153	6819	0.138	ng/ul	99
12) Fluorene	15.313	166	6853	0.116	ng/ul#	98
15) Phenanthrene	17.054	178	97204m	1.264	ng/ul	
16) Anthracene	17.143	178	20321m	0.296	ng/ul	
19) Fluoranthene	19.078	202	169068	2.382	ng/ul	100
20) Pyrene	19.440	202	146461	1.974	ng/ul	100
21) Benzo(a)anthracene	21.197	228	72890	1.083	ng/ul	97
22) Chrysene	21.246	228	74714	1.012	ng/ul	96
24) Benzo(b)fluoranthene	22.763	252	96161m	1.125	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	39060m	0.470	ng/ul	
26) Benzo(a)pyrene	23.327	252	68859	1.158	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.660	276	50156	0.539	ng/ul	91
28) Dibenzo(a,h)anthracene	25.663	278	12008	0.174	ng/ul#	75
29) Benzo(g,h,i)perylene	26.344	276	49765	0.671	ng/ul	99

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

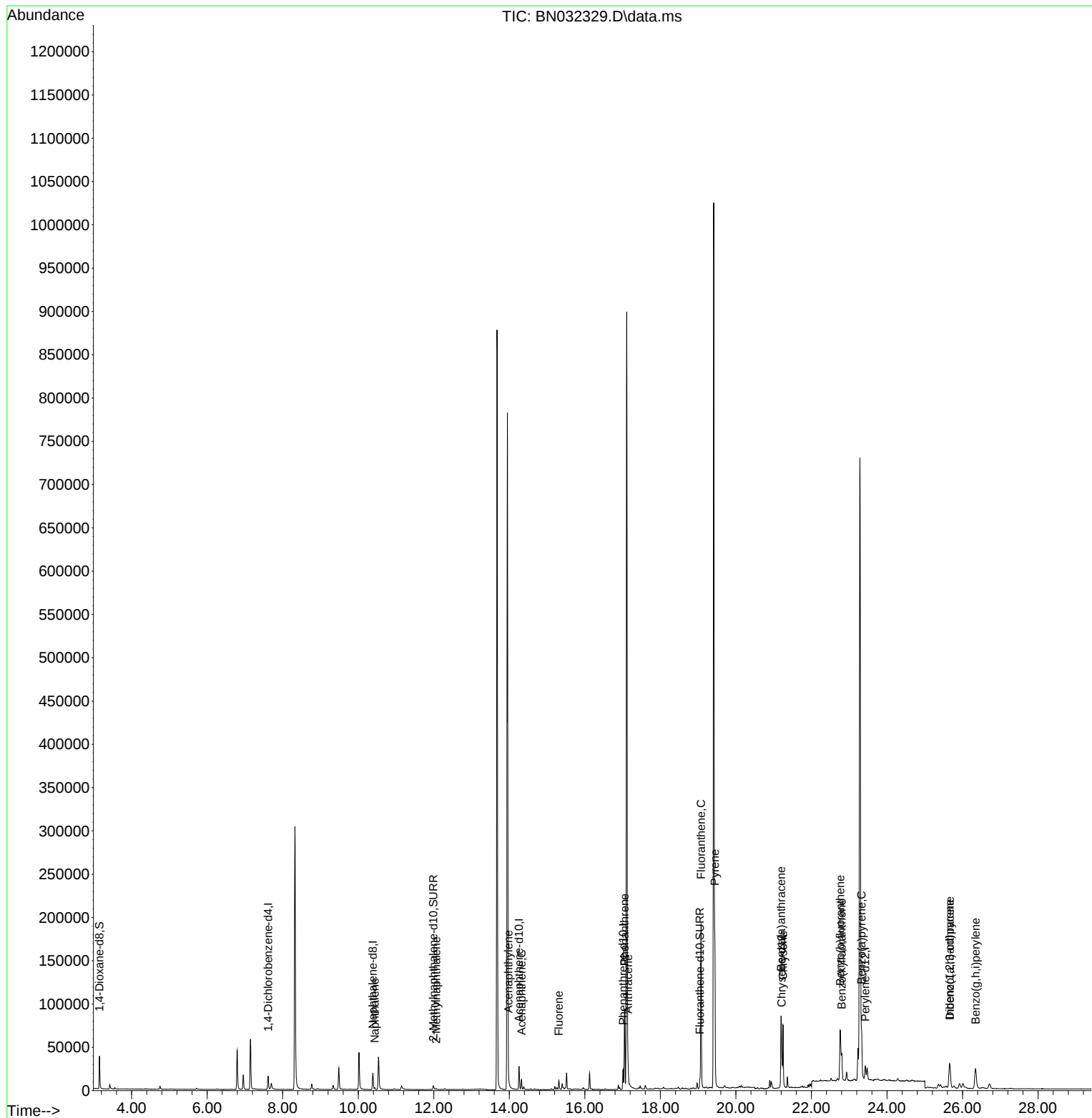
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062824\
Data File : BN032329.D
Acq On : 29 Jun 2024 00:52
Operator : MA/JU
Sample : P2934-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

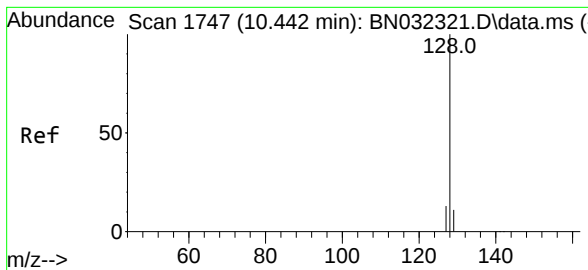
Instrument :
BNA_N
ClientSampleId :
A4CP6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

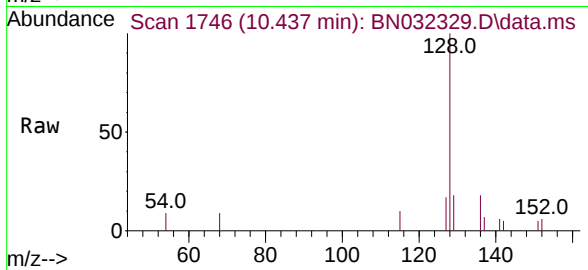
Quant Time: Jun 29 01:44:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.038 ng/ul
RT: 10.437 min Scan# 1746
Delta R.T. -0.011 min
Lab File: BN032329.D
Acq: 29 Jun 2024 00:52

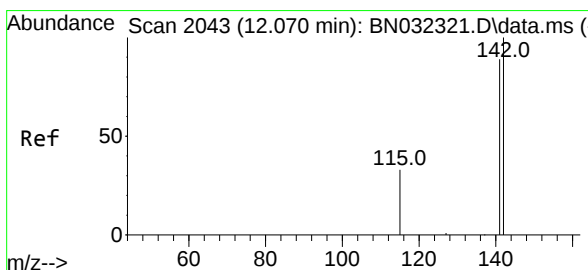
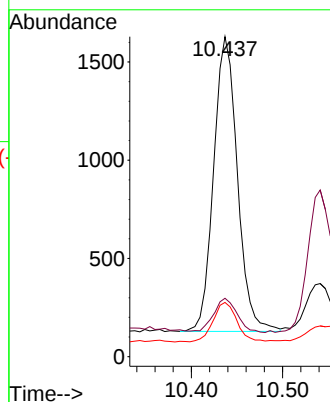
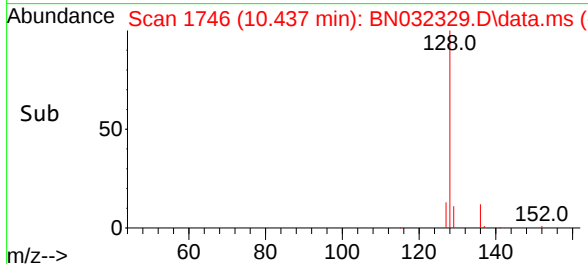
Instrument :
BNA_N
ClientSampleId :
A4CP6



Tgt Ion:128 Resp: 271
Ion Ratio Lower Upper
128 100
129 18.2 9.2 13.8
127 16.9 10.8 16.2

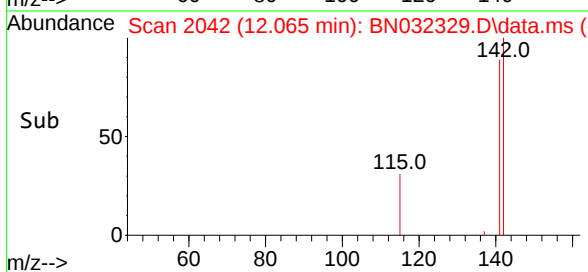
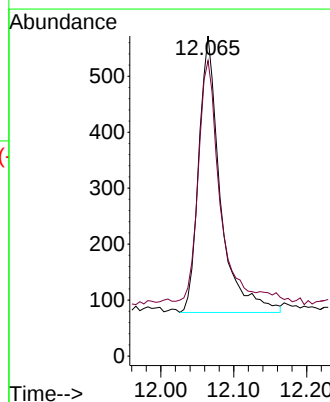
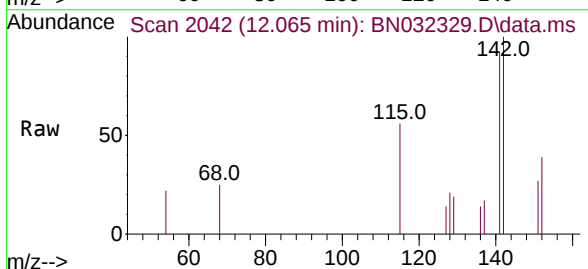
Manual Integrations
APPROVED

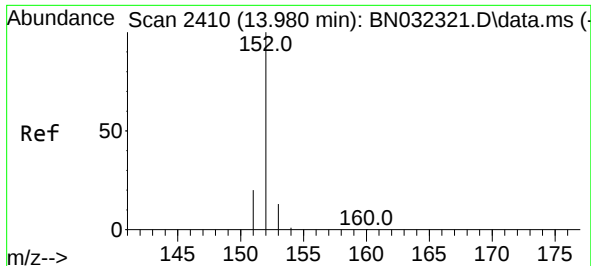
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.065 min Scan# 2042
Delta R.T. -0.011 min
Lab File: BN032329.D
Acq: 29 Jun 2024 00:52

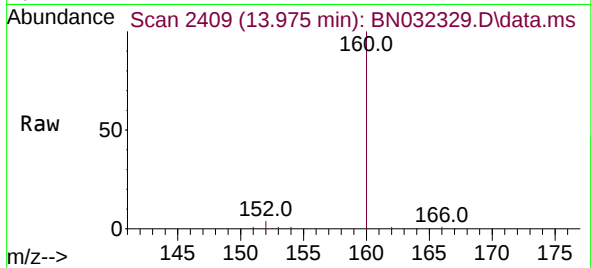
Tgt Ion:142 Resp: 1013
Ion Ratio Lower Upper
142 100
141 86.9 72.2 108.2





#10
Acenaphthylene
Concen: 0.039 ng/ul
RT: 13.975 min Scan# 2409
Delta R.T. -0.014 min
Lab File: BN032329.D
Acq: 29 Jun 2024 00:52

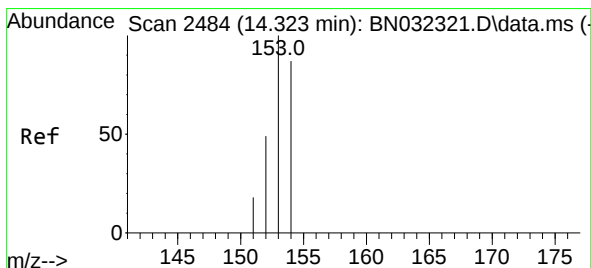
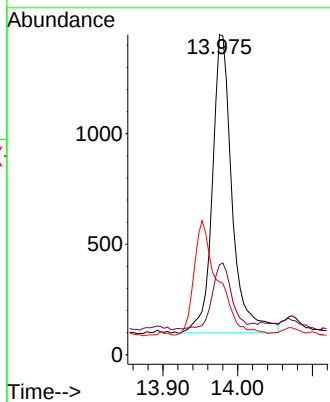
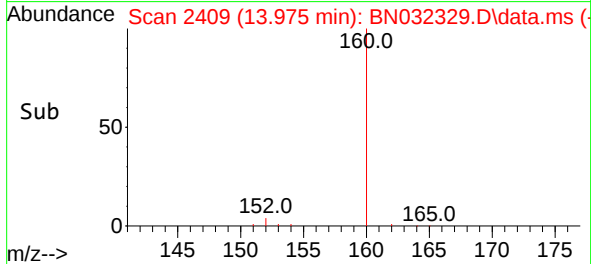
Instrument :
BNA_N
ClientSampleId :
A4CP6



Tgt Ion:152 Resp: 248
Ion Ratio Lower Upper
152 100
151 28.1 15.7 23.5
153 22.8 10.9 16.3

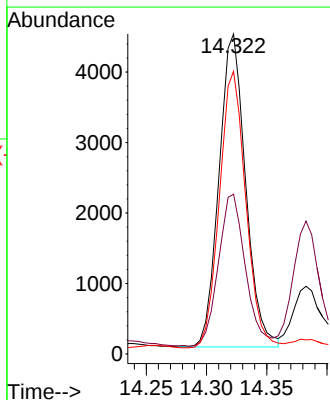
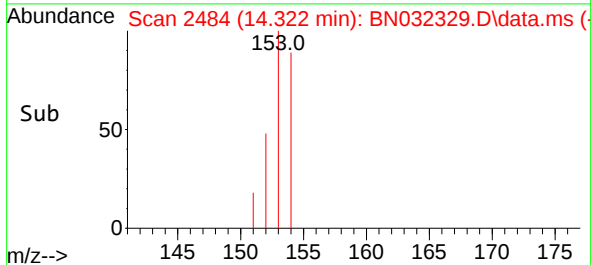
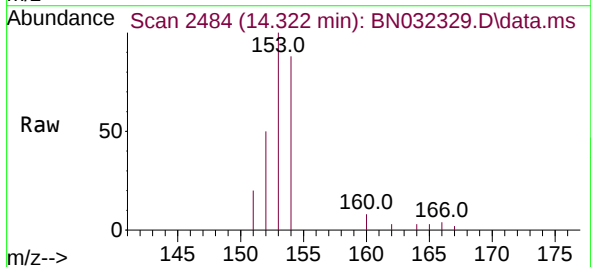
Manual Integrations
APPROVED

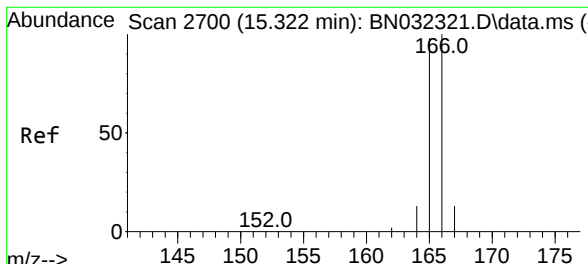
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#11
Acenaphthene
Concen: 0.138 ng/ul
RT: 14.322 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN032329.D
Acq: 29 Jun 2024 00:52

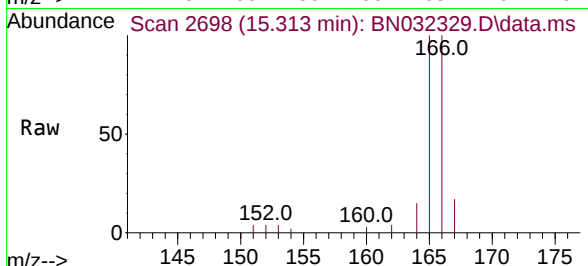
Tgt Ion:153 Resp: 6819
Ion Ratio Lower Upper
153 100
152 50.0 39.5 59.3
154 88.4 71.7 107.5





#12
Fluorene
Concen: 0.116 ng/ul
RT: 15.313 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032329.D
Acq: 29 Jun 2024 00:52

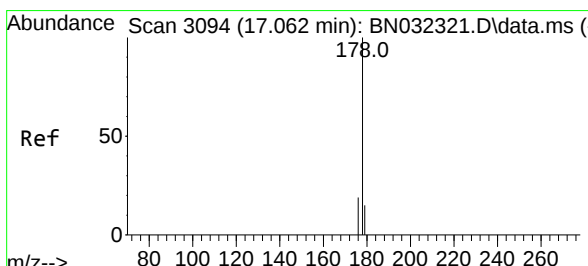
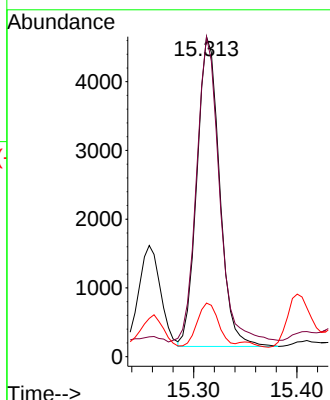
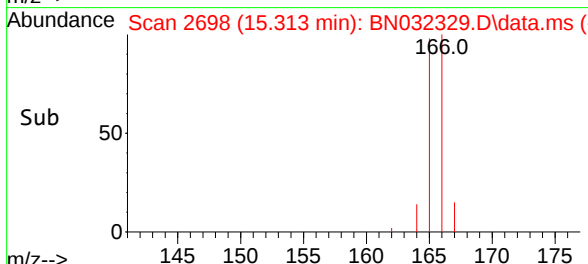
Instrument :
BNA_N
ClientSampleId :
A4CP6



Tgt Ion:166 Resp: 685
Ion Ratio Lower Upper
166 100
165 100.0 79.0 118.6
167 16.8 11.0 16.6

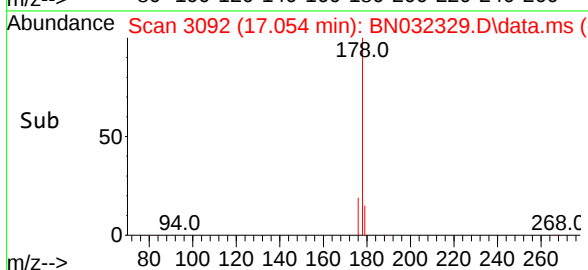
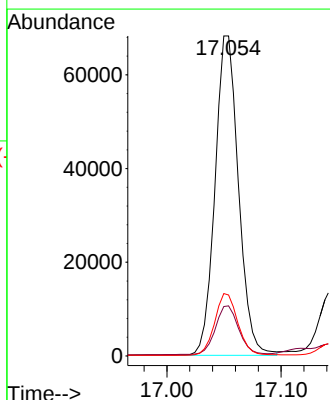
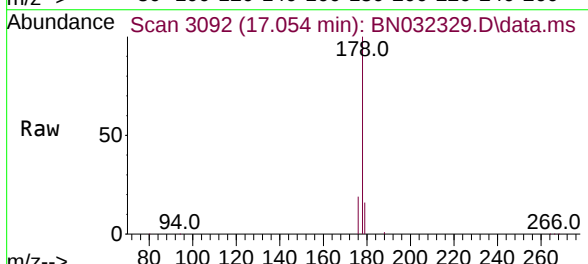
Manual Integrations
APPROVED

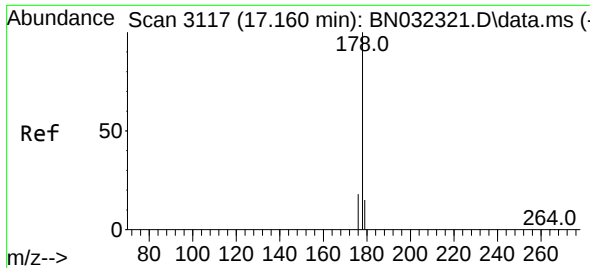
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#15
Phenanthrene
Concen: 1.264 ng/ul m
RT: 17.054 min Scan# 3092
Delta R.T. -0.013 min
Lab File: BN032329.D
Acq: 29 Jun 2024 00:52

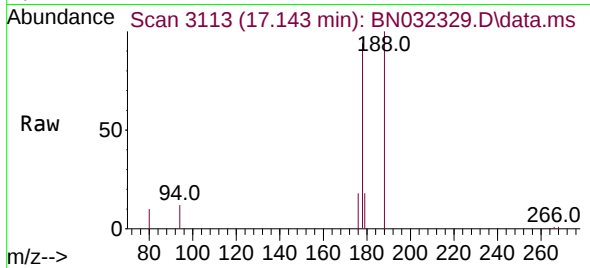
Tgt Ion:178 Resp: 97204
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.0 15.6 23.4





#16
 Anthracene
 Concen: 0.296 ng/ul m
 RT: 17.143 min Scan# 3113
 Delta R.T. -0.017 min
 Lab File: BN032329.D
 Acq: 29 Jun 2024 00:52

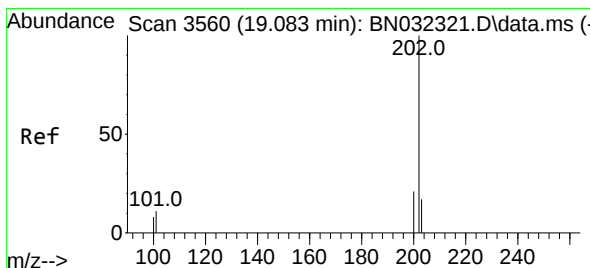
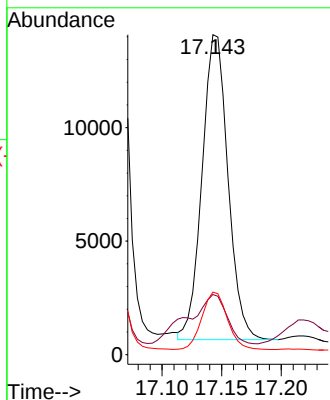
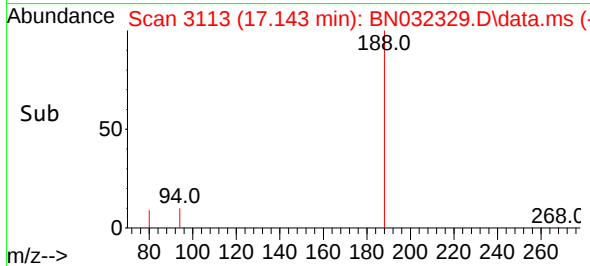
Instrument :
 BNA_N
 ClientSampleId :
 A4CP6



Tgt Ion:178 Resp: 2032
 Ion Ratio Lower Upper
 178 100
 179 18.8 12.5 18.7
 176 19.5 15.0 22.6

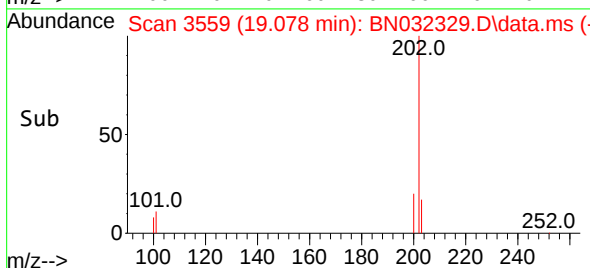
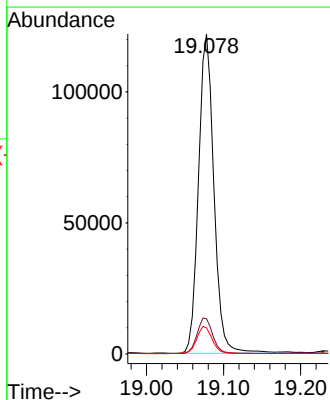
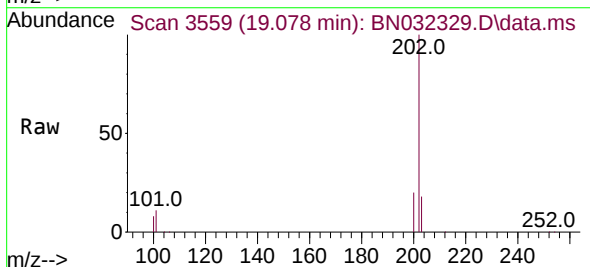
Manual Integrations
 APPROVED

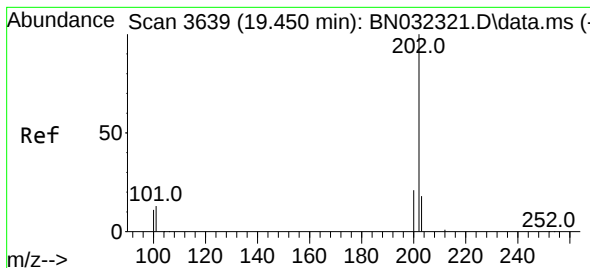
Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 07/04/2024



#19
 Fluoranthene
 Concen: 2.382 ng/ul
 RT: 19.078 min Scan# 3559
 Delta R.T. -0.014 min
 Lab File: BN032329.D
 Acq: 29 Jun 2024 00:52

Tgt Ion:202 Resp: 169068
 Ion Ratio Lower Upper
 202 100
 101 11.0 8.8 13.2
 100 8.1 6.4 9.6





#20

Pyrene

Concen: 1.974 ng/ul

RT: 19.440 min Scan# 3639

Delta R.T. -0.014 min

Lab File: BN032329.D

Acq: 29 Jun 2024 00:52

Instrument :

BNA_N

ClientSampleId :

A4CP6

Tgt Ion:202 Resp: 14646

Ion Ratio Lower Upper

202 100

101 13.7 11.0 16.4

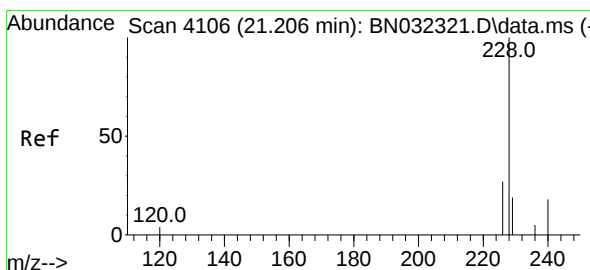
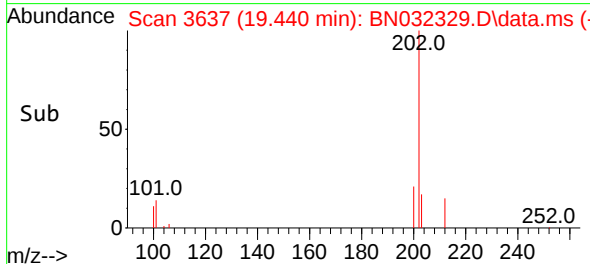
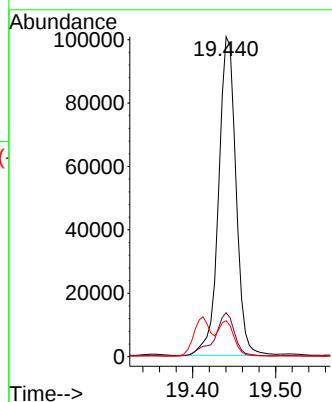
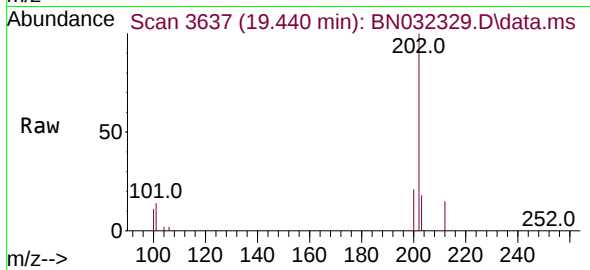
100 11.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/29/2024

Supervised By :mohammad ahmed 07/04/2024



#21

Benzo(a)anthracene

Concen: 1.083 ng/ul

RT: 21.197 min Scan# 4103

Delta R.T. -0.018 min

Lab File: BN032329.D

Acq: 29 Jun 2024 00:52

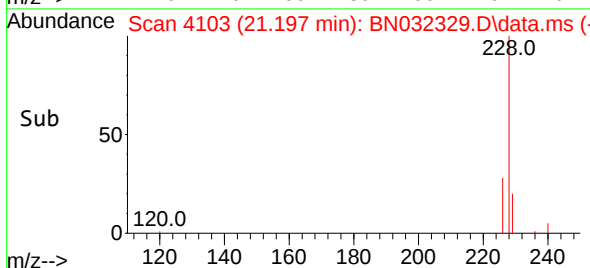
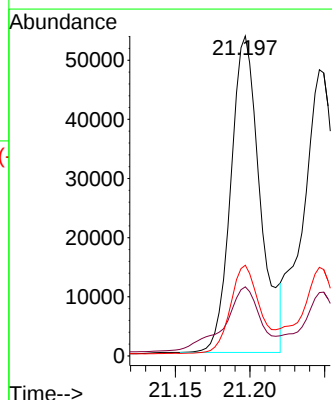
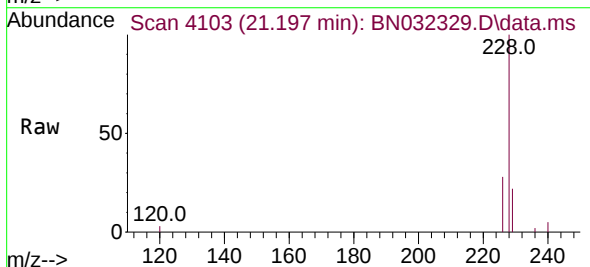
Tgt Ion:228 Resp: 72890

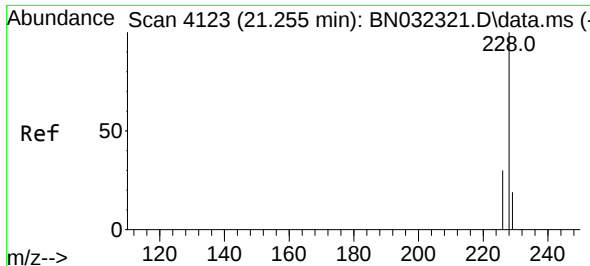
Ion Ratio Lower Upper

228 100

229 21.6 15.7 23.5

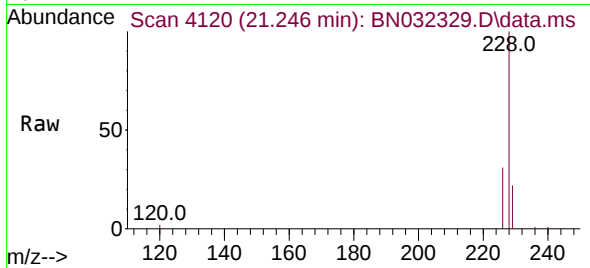
226 28.3 21.8 32.8





#22
Chrysene
Concen: 1.012 ng/ul
RT: 21.246 min Scan# 4120
Delta R.T. -0.021 min
Lab File: BN032329.D
Acq: 29 Jun 2024 00:52

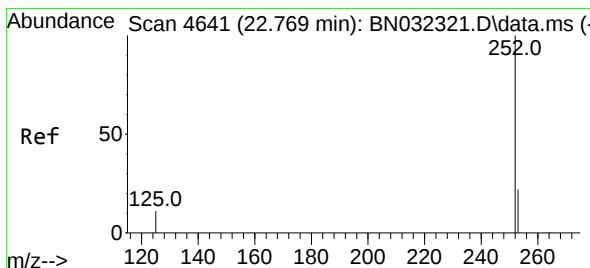
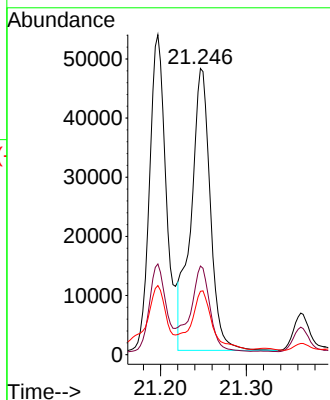
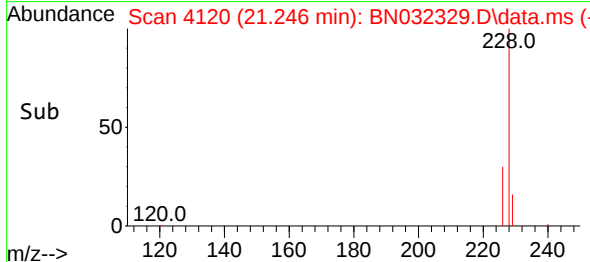
Instrument :
BNA_N
ClientSampleId :
A4CP6



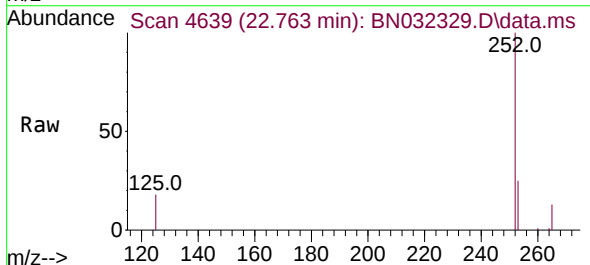
Tgt Ion:228 Resp: 74714
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 22.2 15.7 23.5

Manual Integrations
APPROVED

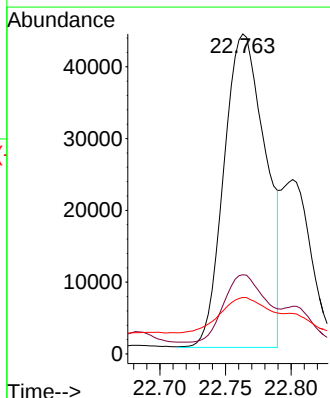
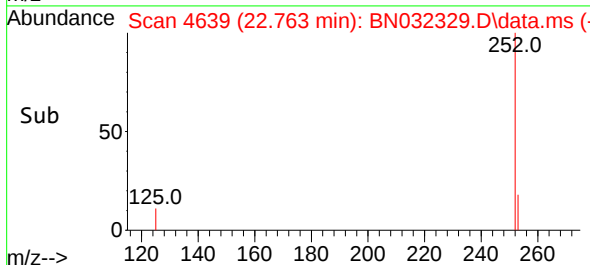
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

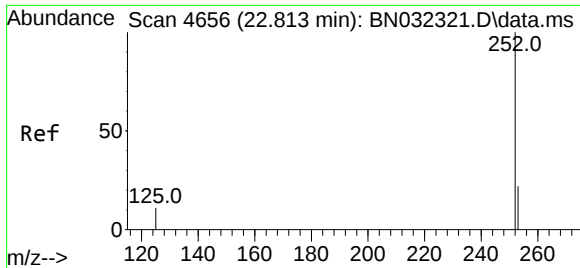


#24
Benzo(b)fluoranthene
Concen: 1.125 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. -0.021 min
Lab File: BN032329.D
Acq: 29 Jun 2024 00:52



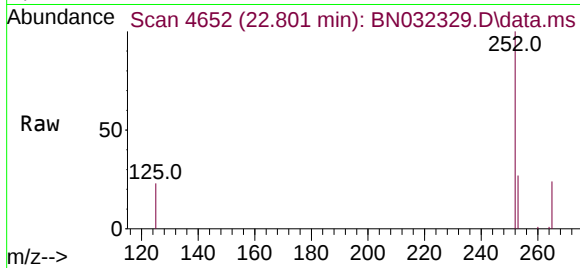
Tgt Ion:252 Resp: 96161
Ion Ratio Lower Upper
252 100
253 24.7 0.0 50.2
125 17.6 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 0.470 ng/ul m
RT: 22.801 min Scan# 4652
Delta R.T. -0.026 min
Lab File: BN032329.D
Acq: 29 Jun 2024 00:52

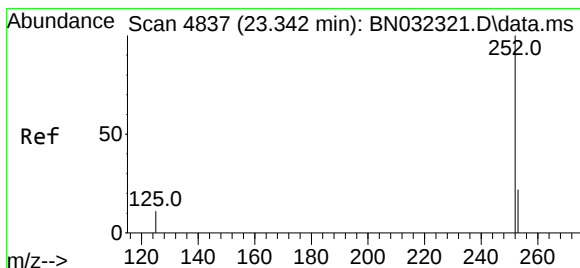
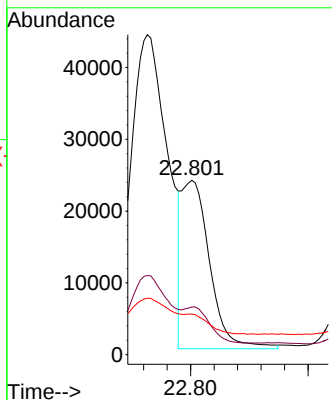
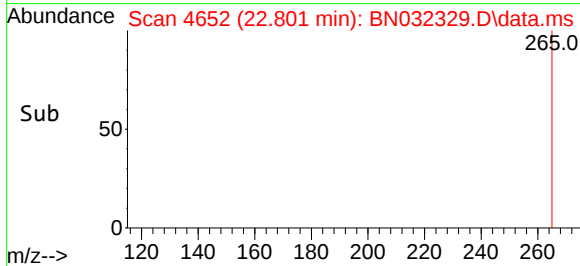
Instrument :
BNA_N
ClientSampleId :
A4CP6



Tgt Ion:252 Resp: 39060
Ion Ratio Lower Upper
252 100
253 27.3 20.3 30.5
125 23.3 12.8 19.2

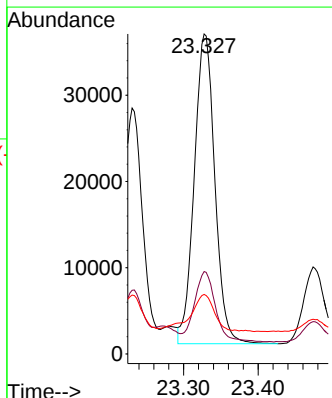
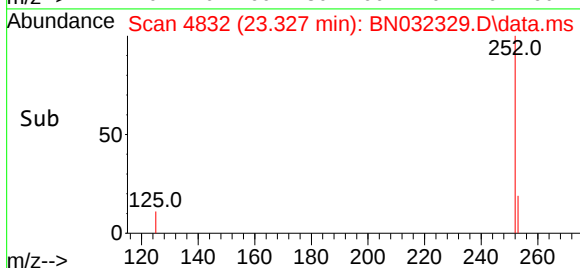
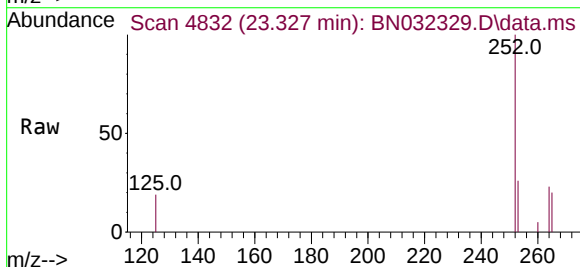
Manual Integrations
APPROVED

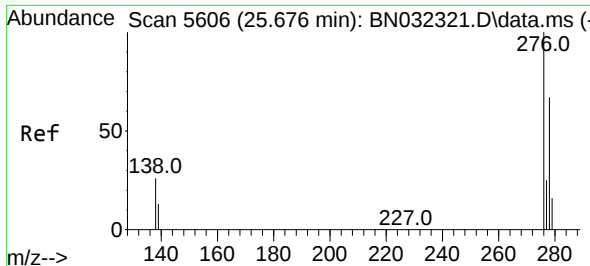
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024



#26
Benzo(a)pyrene
Concen: 1.158 ng/ul
RT: 23.327 min Scan# 4832
Delta R.T. -0.032 min
Lab File: BN032329.D
Acq: 29 Jun 2024 00:52

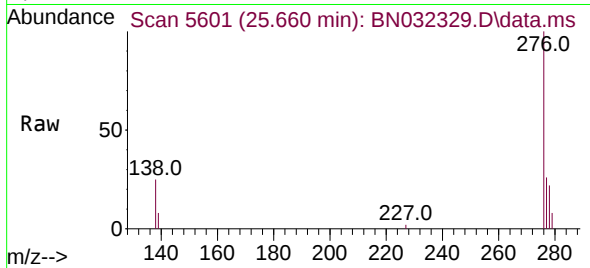
Tgt Ion:252 Resp: 68859
Ion Ratio Lower Upper
252 100
253 25.7 22.2 33.2
125 18.6 16.4 24.6





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.539 ng/ul
RT: 25.660 min Scan# 5015
Delta R.T. -0.040 min
Lab File: BN032329.D
Acq: 29 Jun 2024 00:52

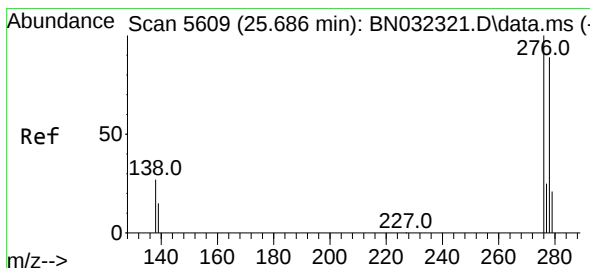
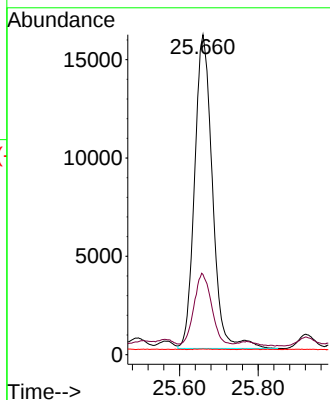
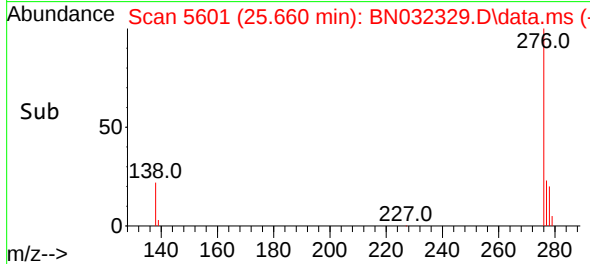
Instrument :
BNA_N
ClientSampleId :
A4CP6



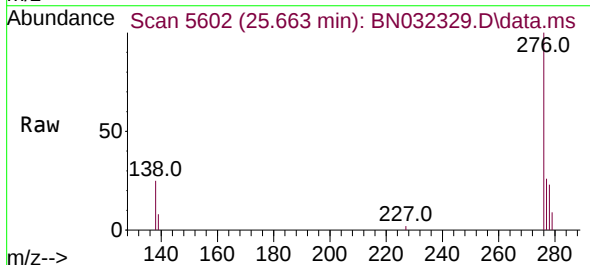
Tgt Ion:276 Resp: 5015
Ion Ratio Lower Upper
276 100
138 21.9 21.3 31.9
227 0.1 0.1 0.1

Manual Integrations
APPROVED

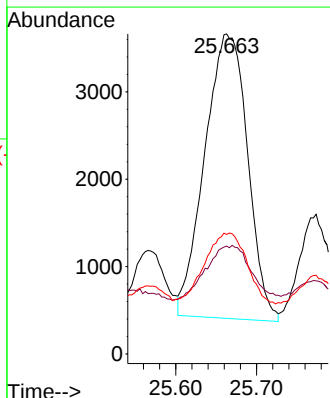
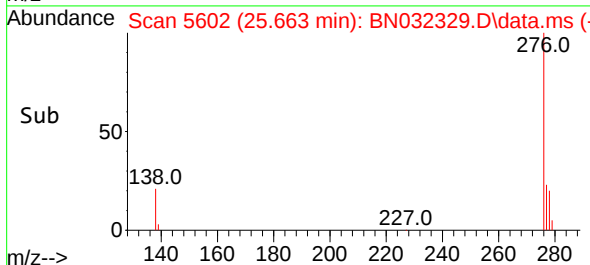
Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

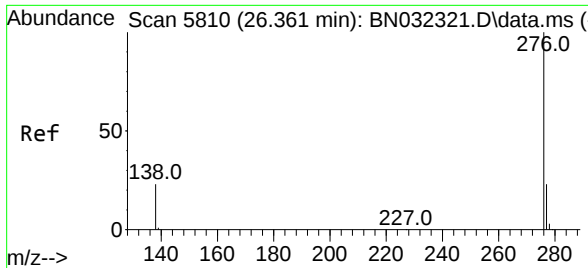


#28
Dibenzo(a,h)anthracene
Concen: 0.174 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.047 min
Lab File: BN032329.D
Acq: 29 Jun 2024 00:52



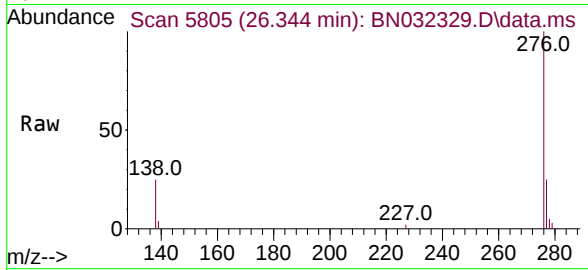
Tgt Ion:278 Resp: 12008
Ion Ratio Lower Upper
278 100
139 33.7 15.9 23.9#
279 37.4 21.1 31.7#





#29
Benzo(g,h,i)perylene
Concen: 0.671 ng/ul
RT: 26.344 min Scan# 5810
Delta R.T. -0.037 min
Lab File: BN032329.D
Acq: 29 Jun 2024 00:52

Instrument :
BNA_N
ClientSampleId :
A4CP6



Tgt Ion:276 Resp: 4976
Ion Ratio Lower Upper
276 100
138 25.0 19.8 29.6
277 25.4 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 07/04/2024

