

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032520.D
 Acq On : 05 Jul 2024 22:31
 Operator : MA/JU
 Sample : P2964-14DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CT3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 05 23:29:30 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	7.595	152	6092	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	17171	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	8885	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.999	188	16318	0.400	ng/ul	0.00
17) Chrysene-d12	21.206	240	15058	0.400	ng/ul	0.00
23) Perylene-d12	23.418	264	18329	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	4729	0.698	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.982	152	943	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.036	212	1967	0.043	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.420	128	2546	0.056	ng/ul#	86
7) 2-Methylnaphthalene	12.054	142	807	0.027	ng/ul	97
8) 1-Methylnaphthalene	12.268	142	636	0.020	ng/ul	99
10) Acenaphthylene	13.962	152	3326	0.090	ng/ul#	90
11) Acenaphthene	14.304	153	2041	0.071	ng/ul	96
12) Fluorene	15.303	166	2227	0.065	ng/ul#	97
15) Phenanthrene	17.041	178	39892	0.892	ng/ul	100
16) Anthracene	17.134	178	8859	0.222	ng/ul#	95
19) Fluoranthene	19.069	202	74547	1.300	ng/ul	100
20) Pyrene	19.431	202	56372	0.941	ng/ul	100
21) Benzo(a)anthracene	21.188	228	35574	0.655	ng/ul	97
22) Chrysene	21.241	228	38638m	0.648	ng/ul	
24) Benzo(b)fluoranthene	22.754	252	53747m	0.675	ng/ul	
25) Benzo(k)fluoranthene	22.792	252	20079m	0.260	ng/ul	
26) Benzo(a)pyrene	23.322	252	20624	0.372	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.653	276	20044	0.231	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.649	278	6413	0.099	ng/ul#	62
29) Benzo(g,h,i)perylene	26.344	276	2840	0.041	ng/ul#	48

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

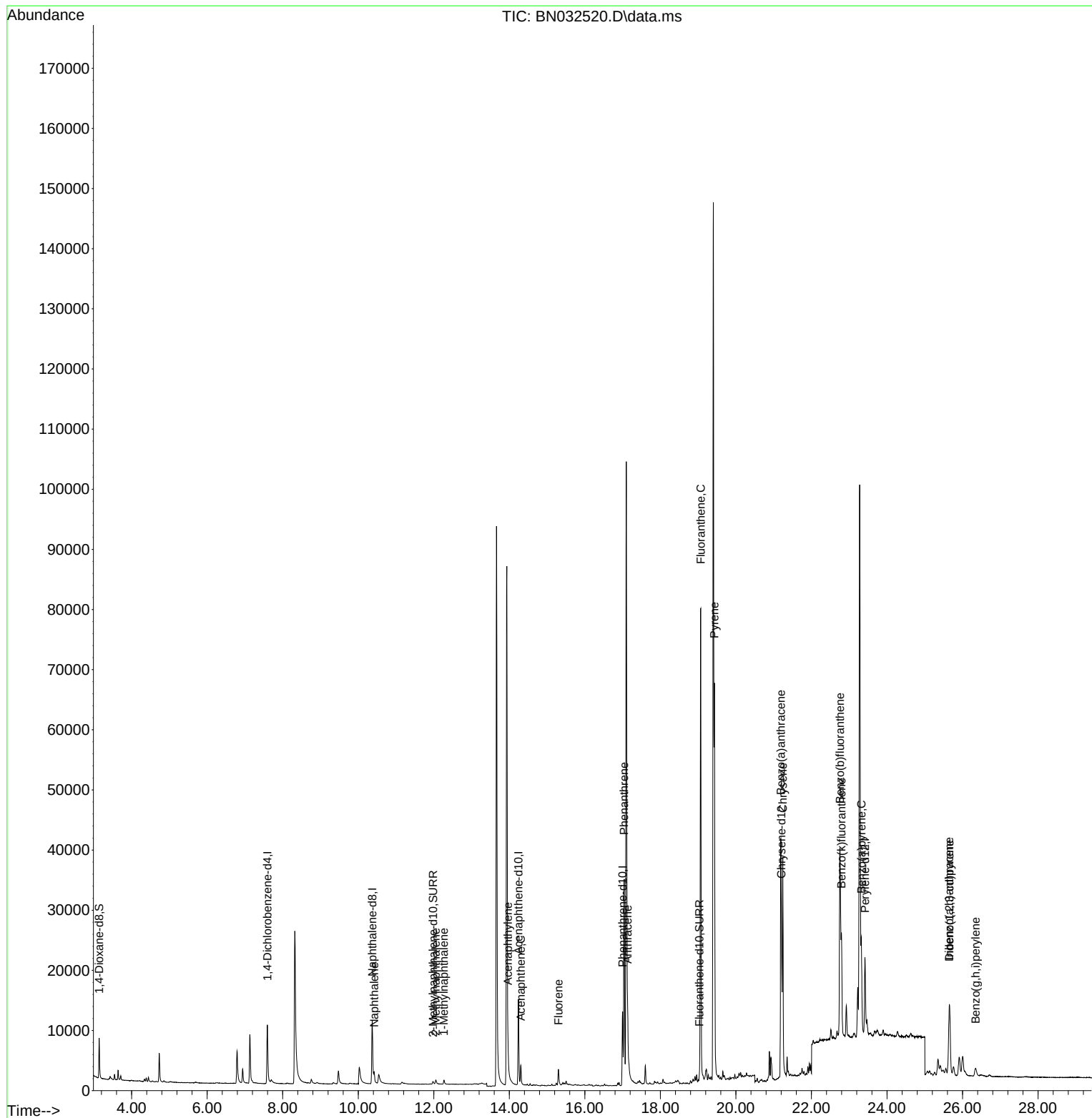
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
Data File : BN032520.D
Acq On : 05 Jul 2024 22:31
Operator : MA/JU
Sample : P2964-14DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

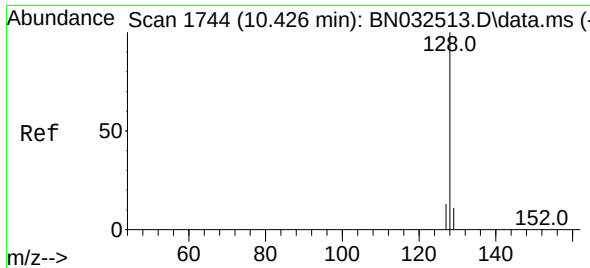
Instrument :
BNA_N
ClientSampleId :
A4CT3DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

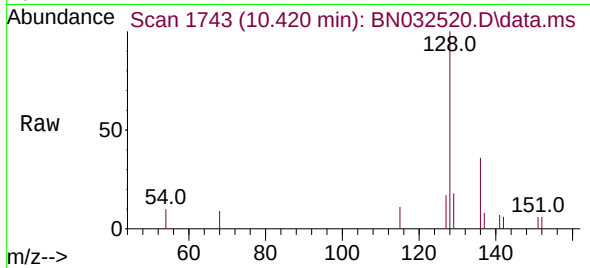
Quant Time: Jul 05 23:29:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.056 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.011 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

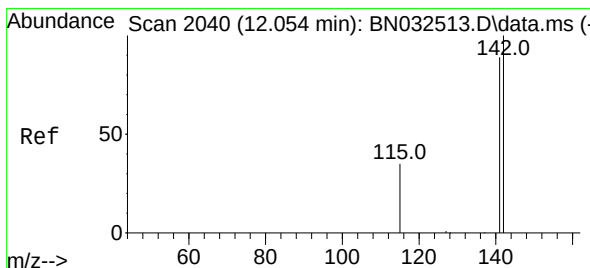
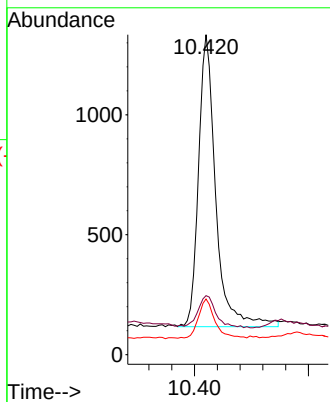
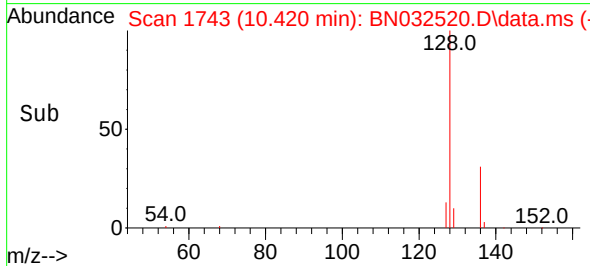
Instrument :
BNA_N
ClientSampleId :
A4CT3DL



Tgt Ion:128 Resp: 2540
Ion Ratio Lower Upper
128 100
129 18.4 9.2 13.8
127 17.4 10.8 16.2

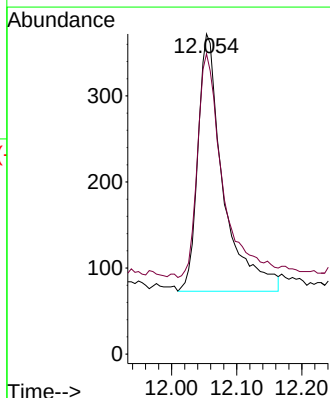
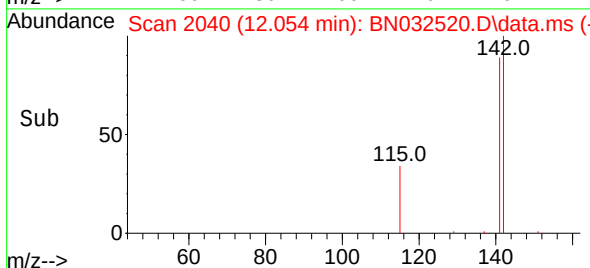
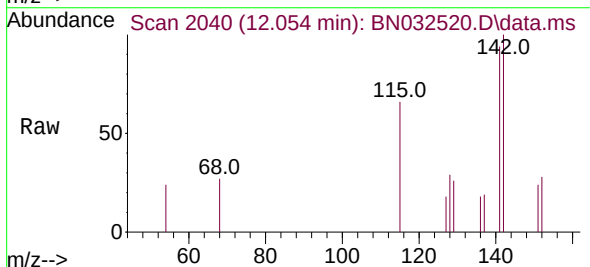
Manual Integrations
APPROVED

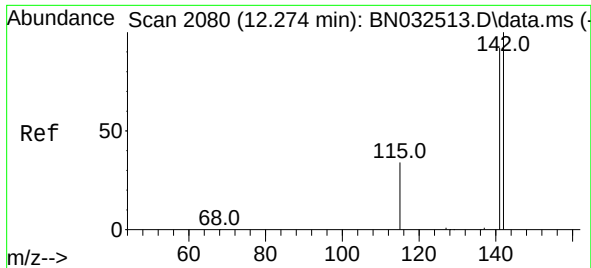
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

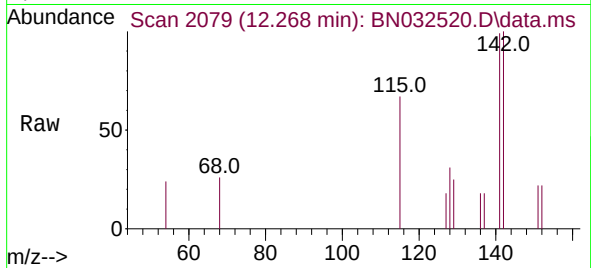
Tgt Ion:142 Resp: 807
Ion Ratio Lower Upper
142 100
141 87.1 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.268 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

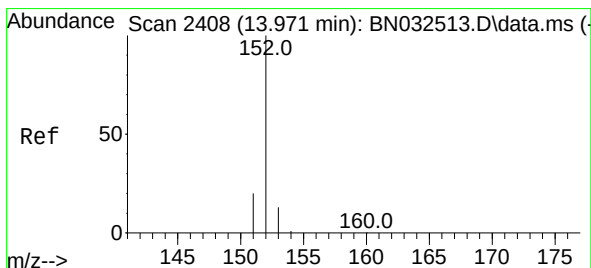
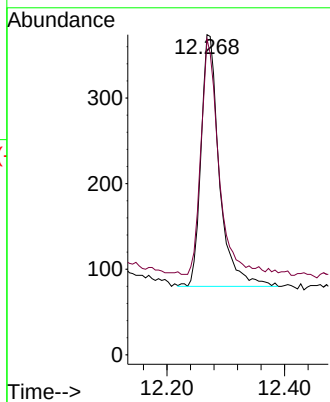
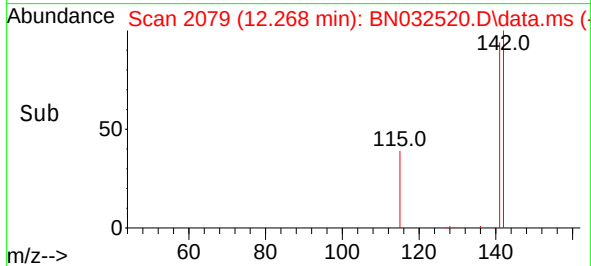
Instrument :
BNA_N
ClientSampleId :
A4CT3DL



Tgt Ion:142 Resp: 630
Ion Ratio Lower Upper
142 100
141 90.4 73.4 110.0

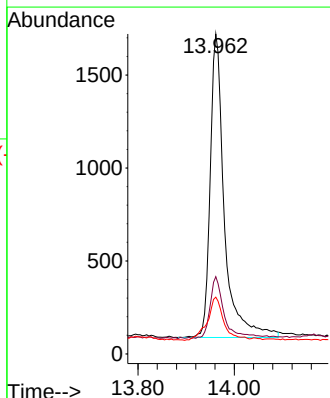
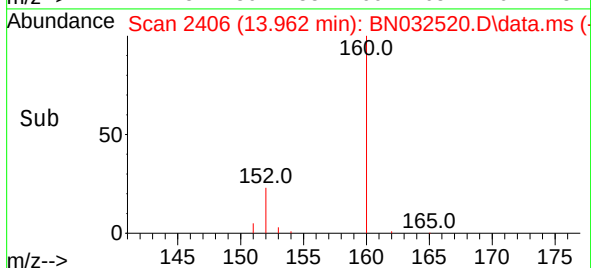
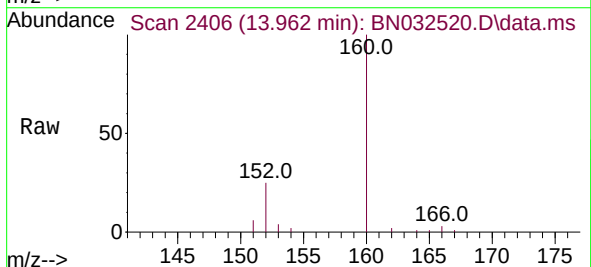
Manual Integrations
APPROVED

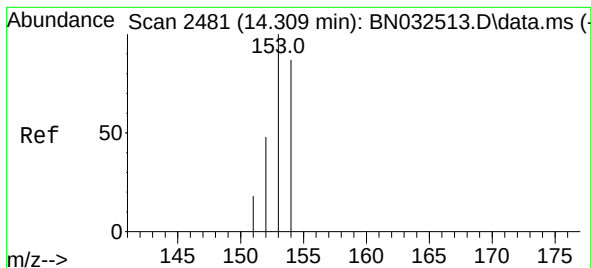
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.090 ng/ul
RT: 13.962 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

Tgt Ion:152 Resp: 3326
Ion Ratio Lower Upper
152 100
151 24.1 15.7 23.5#
153 17.7 10.9 16.3#





#11

Acenaphthene

Concen: 0.071 ng/ul

RT: 14.304 min Scan# 2481

Delta R.T. -0.009 min

Lab File: BN032520.D

Acq: 05 Jul 2024 22:31

Instrument :

BNA_N

ClientSampleId :

A4CT3DL

Tgt Ion:153 Resp: 2041

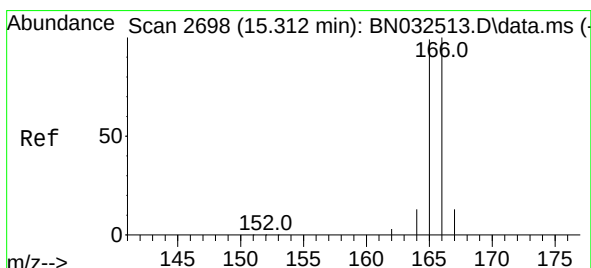
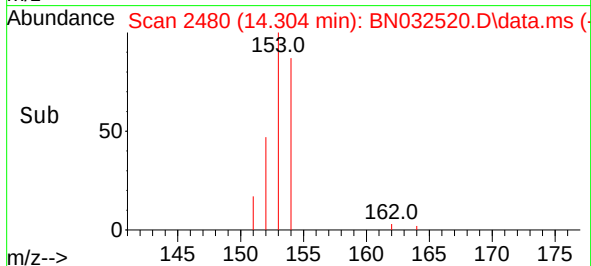
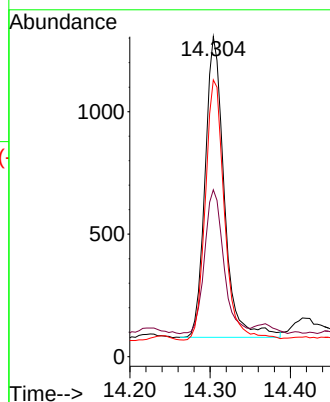
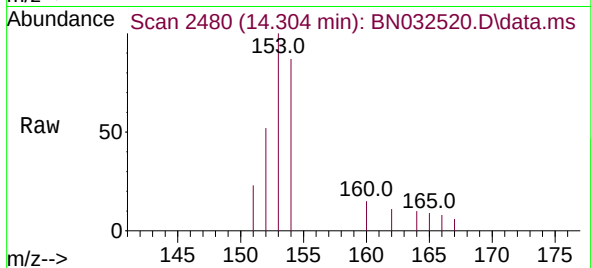
Ion	Ratio	Lower	Upper
153	100		
152	52.1	39.5	59.3
154	86.5	71.7	107.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#12

Fluorene

Concen: 0.065 ng/ul

RT: 15.303 min Scan# 2696

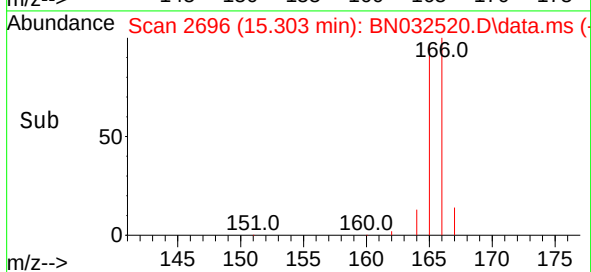
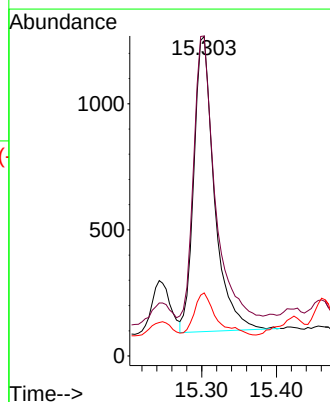
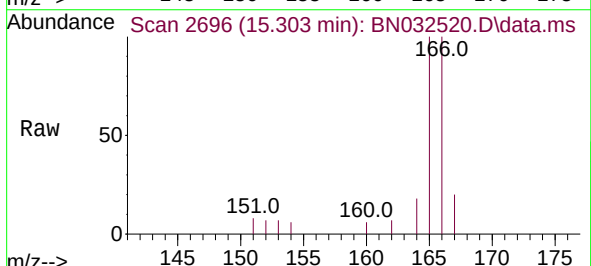
Delta R.T. -0.009 min

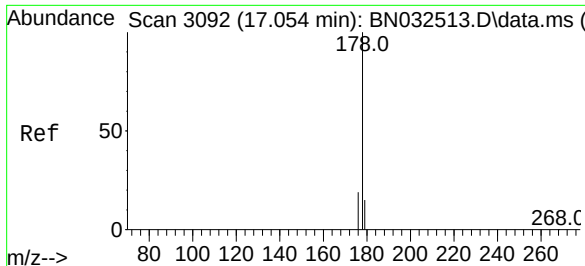
Lab File: BN032520.D

Acq: 05 Jul 2024 22:31

Tgt Ion:166 Resp: 2227

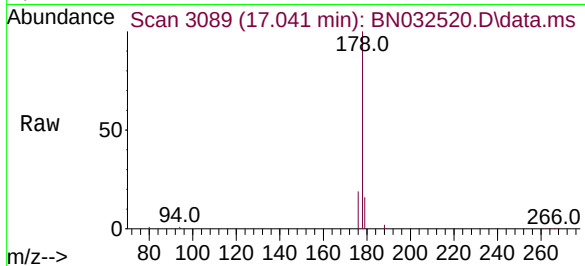
Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.0	118.6
167	19.7	11.0	16.6#





#15
Phenanthrene
Concen: 0.892 ng/ul
RT: 17.041 min Scan# 3092
Delta R.T. -0.008 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

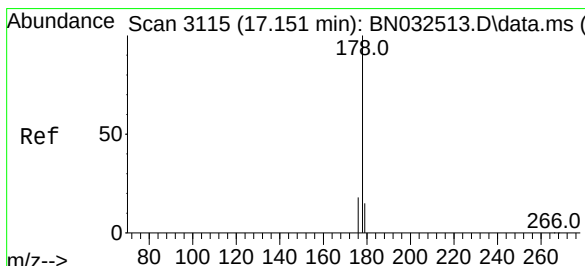
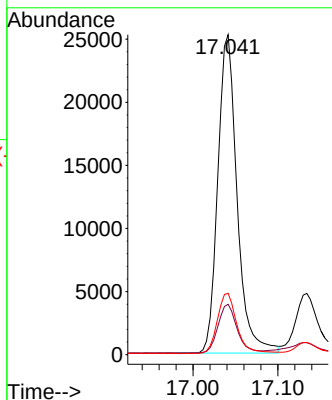
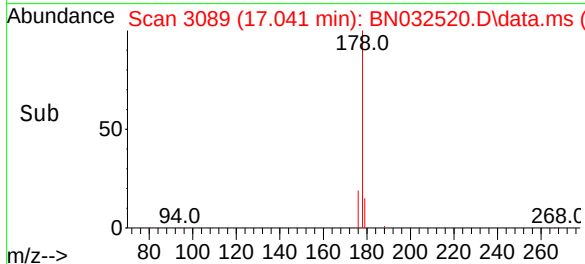
Instrument :
BNA_N
ClientSampleId :
A4CT3DL



Tgt Ion:178 Resp: 39892
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.2 15.6 23.4

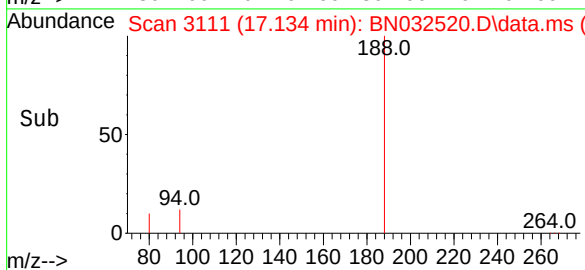
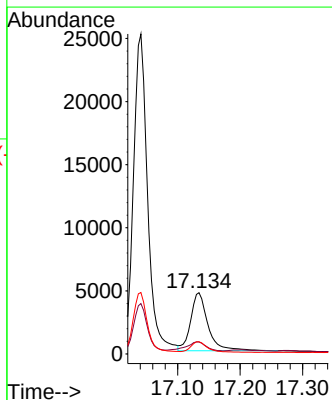
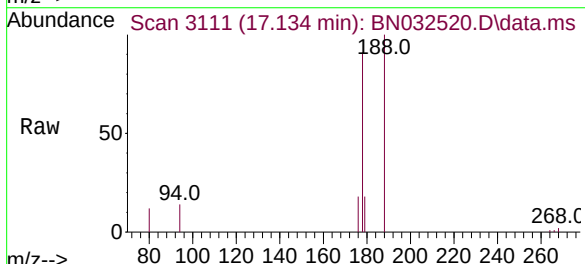
Manual Integrations
APPROVED

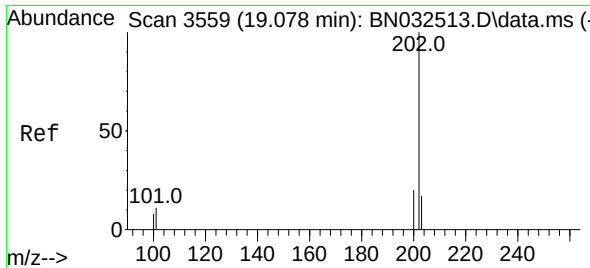
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.222 ng/ul
RT: 17.134 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

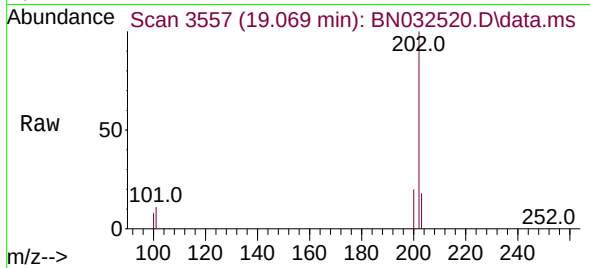
Tgt Ion:178 Resp: 8859
Ion Ratio Lower Upper
178 100
179 19.5 12.5 18.7#
176 19.9 15.0 22.6





#19
Fluoranthene
Concen: 1.300 ng/ul
RT: 19.069 min Scan# 3557
Delta R.T. -0.005 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

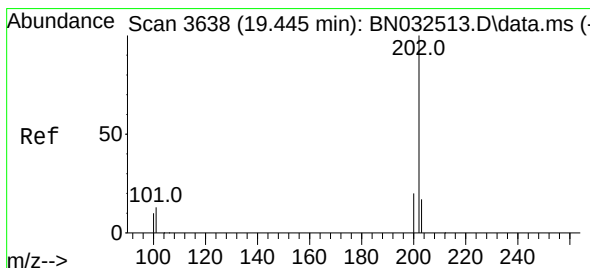
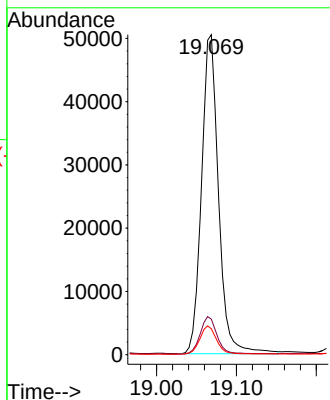
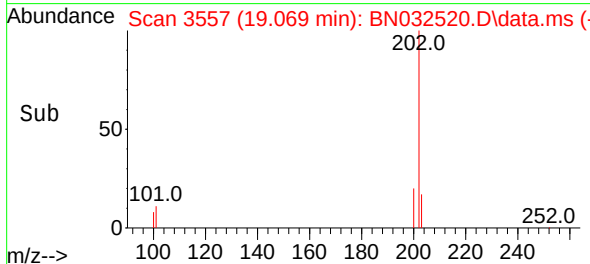
Instrument :
BNA_N
ClientSampleId :
A4CT3DL



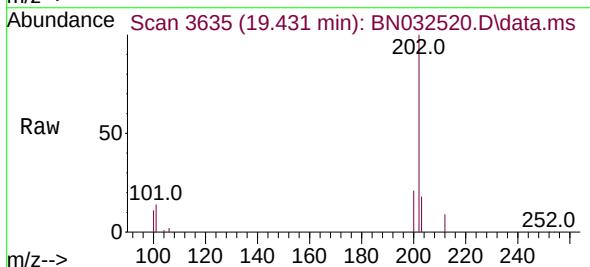
Tgt Ion:202 Resp: 7454
Ion Ratio Lower Upper
202 100
101 11.1 8.8 13.2
100 8.1 6.4 9.6

Manual Integrations
APPROVED

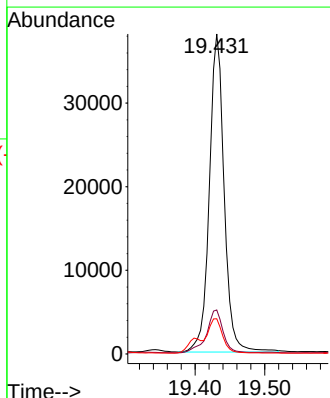
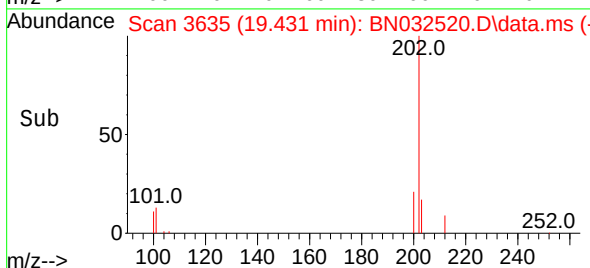
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

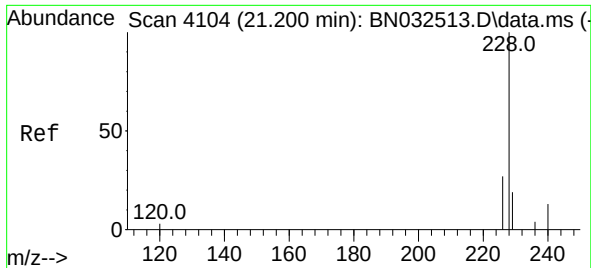


#20
Pyrene
Concen: 0.941 ng/ul
RT: 19.431 min Scan# 3635
Delta R.T. -0.009 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31



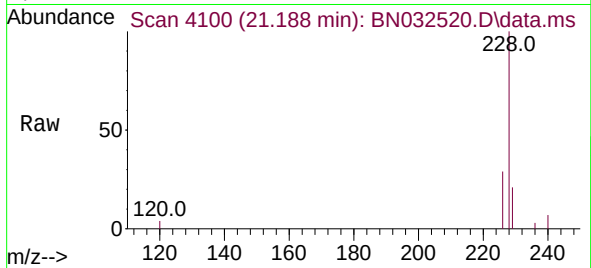
Tgt Ion:202 Resp: 56372
Ion Ratio Lower Upper
202 100
101 13.8 11.0 16.4
100 11.0 8.7 13.1





#21
Benzo(a)anthracene
Concen: 0.655 ng/ul
RT: 21.188 min Scan# 4110
Delta R.T. -0.003 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

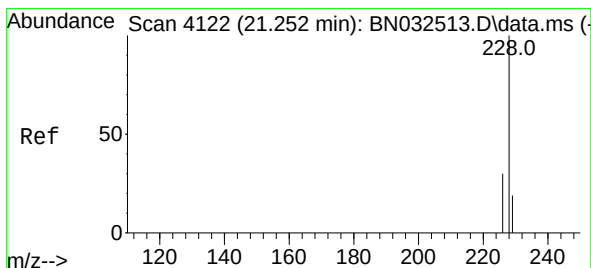
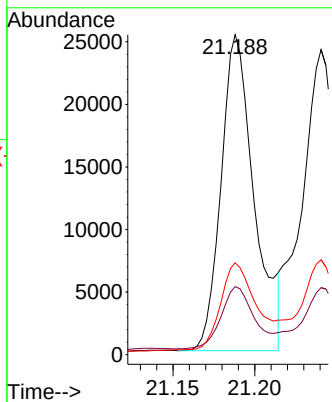
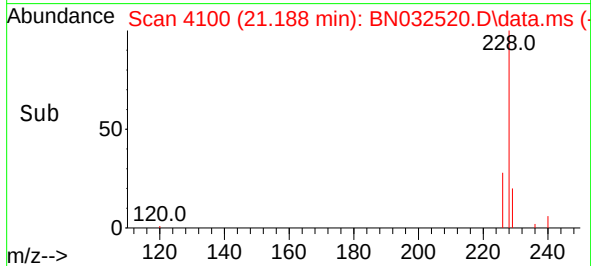
Instrument :
BNA_N
ClientSampleId :
A4CT3DL



Tgt Ion:228 Resp: 35574
Ion Ratio Lower Upper
228 100
229 21.3 15.7 23.5
226 28.7 21.8 32.8

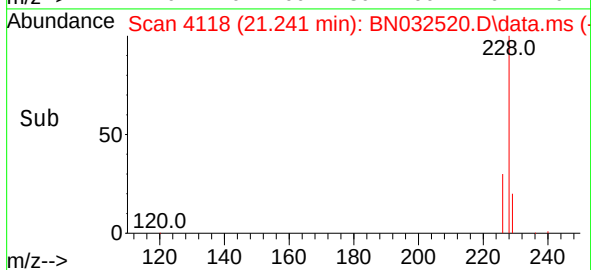
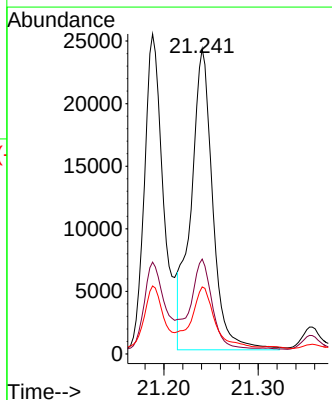
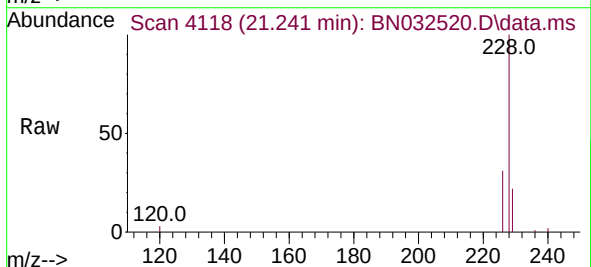
Manual Integrations
APPROVED

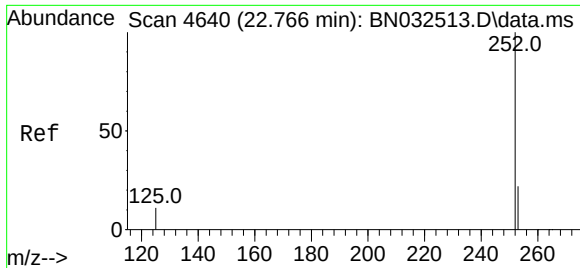
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 0.648 ng/ul m
RT: 21.241 min Scan# 4118
Delta R.T. -0.003 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

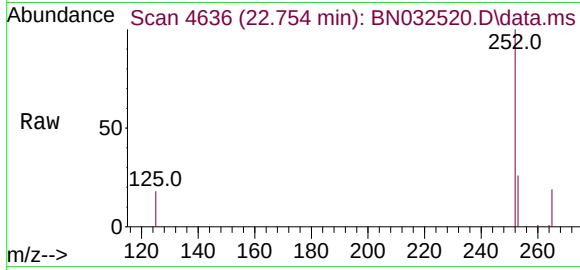
Tgt Ion:228 Resp: 38638
Ion Ratio Lower Upper
228 100
226 31.1 23.6 35.4
229 22.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.675 ng/ul m
RT: 22.754 min Scan# 4636
Delta R.T. -0.003 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

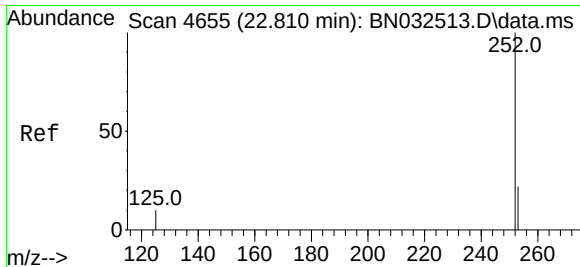
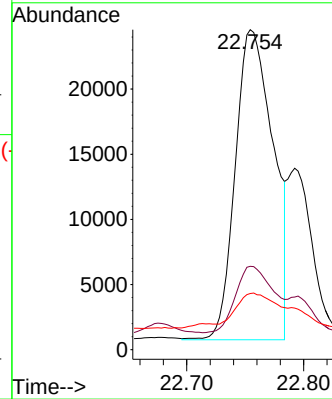
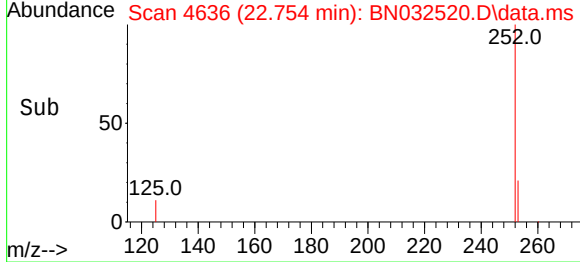
Instrument :
BNA_N
ClientSampleId :
A4CT3DL



Tgt Ion:252 Resp: 5374
Ion Ratio Lower Upper
252 100
253 26.1 0.0 50.2
125 17.5 0.0 32.0

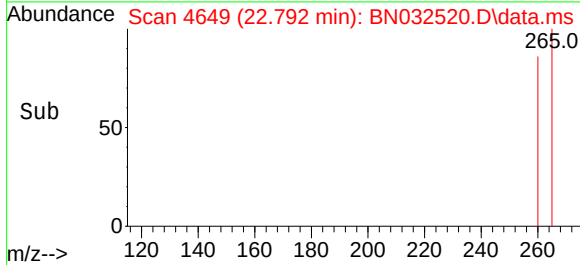
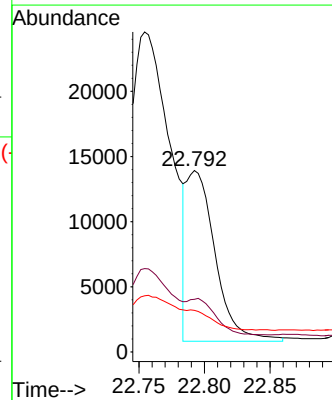
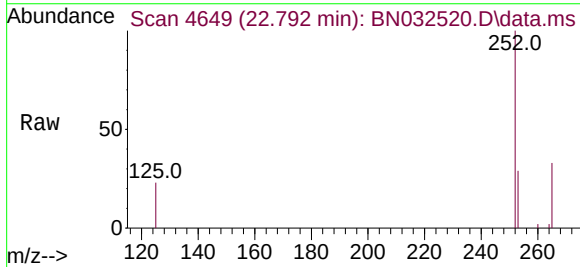
Manual Integrations
APPROVED

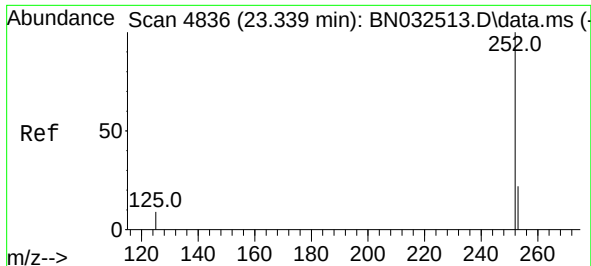
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.260 ng/ul m
RT: 22.792 min Scan# 4649
Delta R.T. -0.009 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

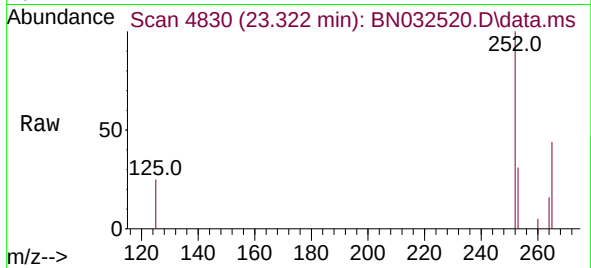
Tgt Ion:252 Resp: 20079
Ion Ratio Lower Upper
252 100
253 29.0 20.3 30.5
125 23.0 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.372 ng/ul
RT: 23.322 min Scan# 4830
Delta R.T. -0.006 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

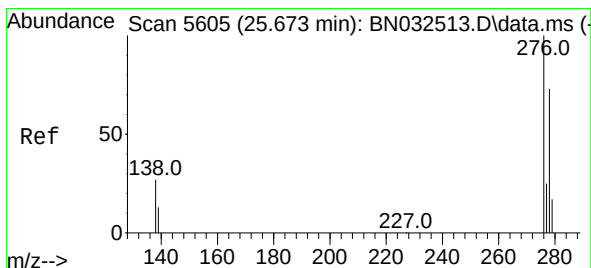
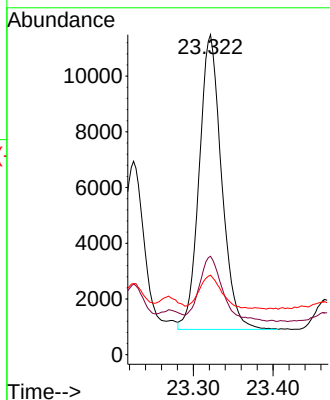
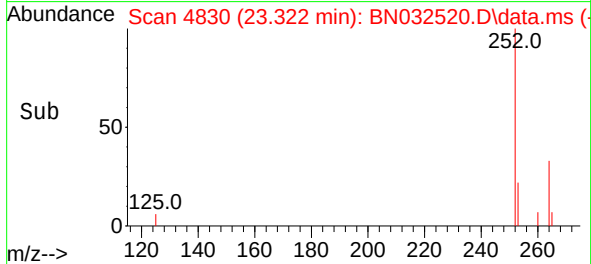
Instrument :
BNA_N
ClientSampleId :
A4CT3DL



Tgt Ion:252 Resp: 20624
Ion Ratio Lower Upper
252 100
253 30.7 22.2 33.2
125 24.8 16.4 24.6

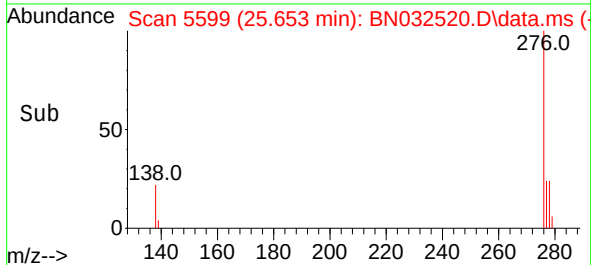
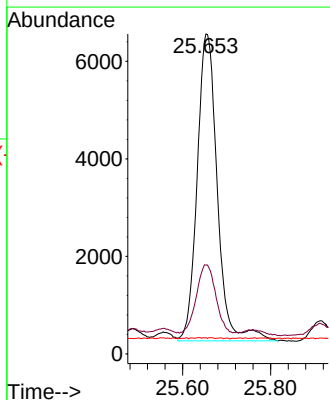
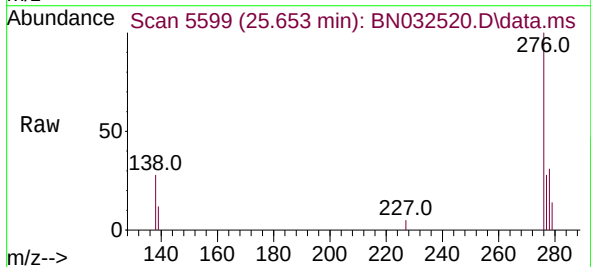
Manual Integrations
APPROVED

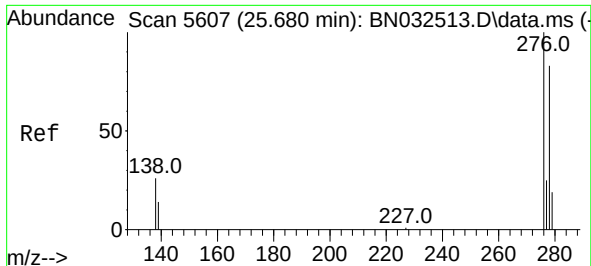
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.231 ng/ul
RT: 25.653 min Scan# 5599
Delta R.T. -0.007 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

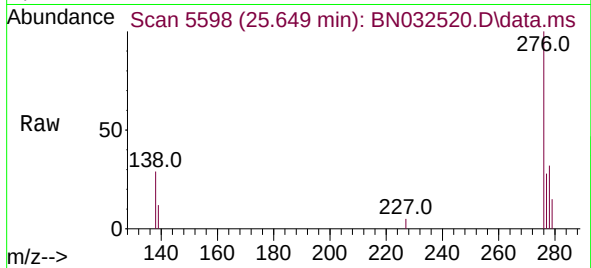
Tgt Ion:276 Resp: 20044
Ion Ratio Lower Upper
276 100
138 21.9 21.3 31.9
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.099 ng/ul
RT: 25.649 min Scan# 5598
Delta R.T. -0.017 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

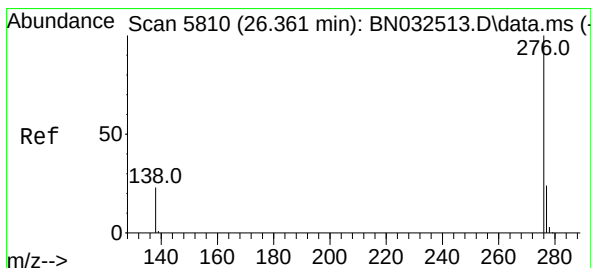
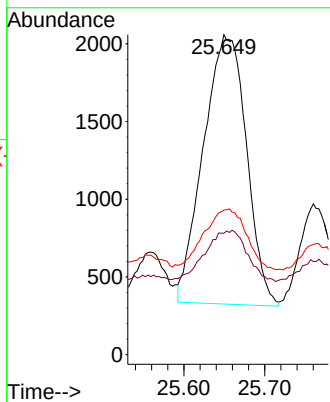
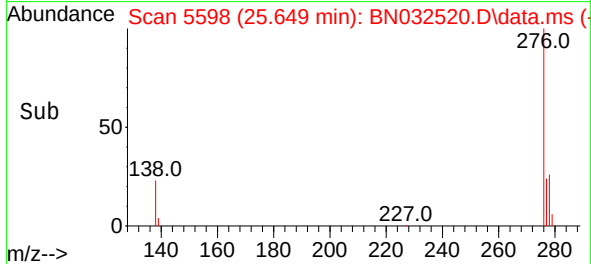
Instrument :
BNA_N
ClientSampleId :
A4CT3DL



Tgt Ion:278 Resp: 641
Ion Ratio Lower Upper
278 100
139 37.9 15.9 23.9#
279 45.2 21.1 31.7#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#29
Benzo(g,h,i)perylene
Concen: 0.041 ng/ul
RT: 26.344 min Scan# 5805
Delta R.T. -0.000 min
Lab File: BN032520.D
Acq: 05 Jul 2024 22:31

Tgt Ion:276 Resp: 2840
Ion Ratio Lower Upper
276 100
138 53.0 19.8 29.6#
277 48.5 19.8 29.6#

