

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032794.D
 Acq On : 18 Jul 2024 00:29
 Operator : MA/JU
 Sample : P3100-16DL 5X
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D07DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 01:01:53 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 : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	6203	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.309	136	18523	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.192	164	9855	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	17587	0.400	ng/ul	-0.01
17) Chrysene-d12	21.163	240	16593	0.400	ng/ul	-0.01
23) Perylene-d12	23.358	264	20246	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	6995	0.939	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	1872	0.067	ng/ul	-0.02
18) Fluoranthene-d10	18.993	212	3169	0.059	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.359	128	9978	0.201	ng/ul	99
7) 2-Methylnaphthalene	11.986	142	7461	0.240	ng/ul	97
8) 1-Methylnaphthalene	12.212	142	7087	0.221	ng/ul	99
10) Acenaphthylene	13.909	152	15322	0.385	ng/ul	98
11) Acenaphthene	14.252	153	2757	0.084	ng/ul	97
12) Fluorene	15.251	166	3826	0.102	ng/ul#	96
15) Phenanthrene	16.994	178	86049	1.797	ng/ul	99
16) Anthracene	17.086	178	19501	0.498	ng/ul	99
19) Fluoranthene	19.025	202	176152	2.611	ng/ul	97
20) Pyrene	19.388	202	126951	1.818	ng/ul	100
21) Benzo(a)anthracene	21.146	228	88682	1.679	ng/ul	96
22) Chrysene	21.198	228	113804	1.489	ng/ul	97
24) Benzo(b)fluoranthene	22.703	252	151709m	2.124	ng/ul	
25) Benzo(k)fluoranthene	22.741	252	54161m	0.622	ng/ul	
26) Benzo(a)pyrene	23.265	252	48898	0.791	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.574	276	51106	0.611	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.568	278	20634	0.318	ng/ul#	61
29) Benzo(g,h,i)perylene	26.255	276	7354	0.105	ng/ul#	58

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

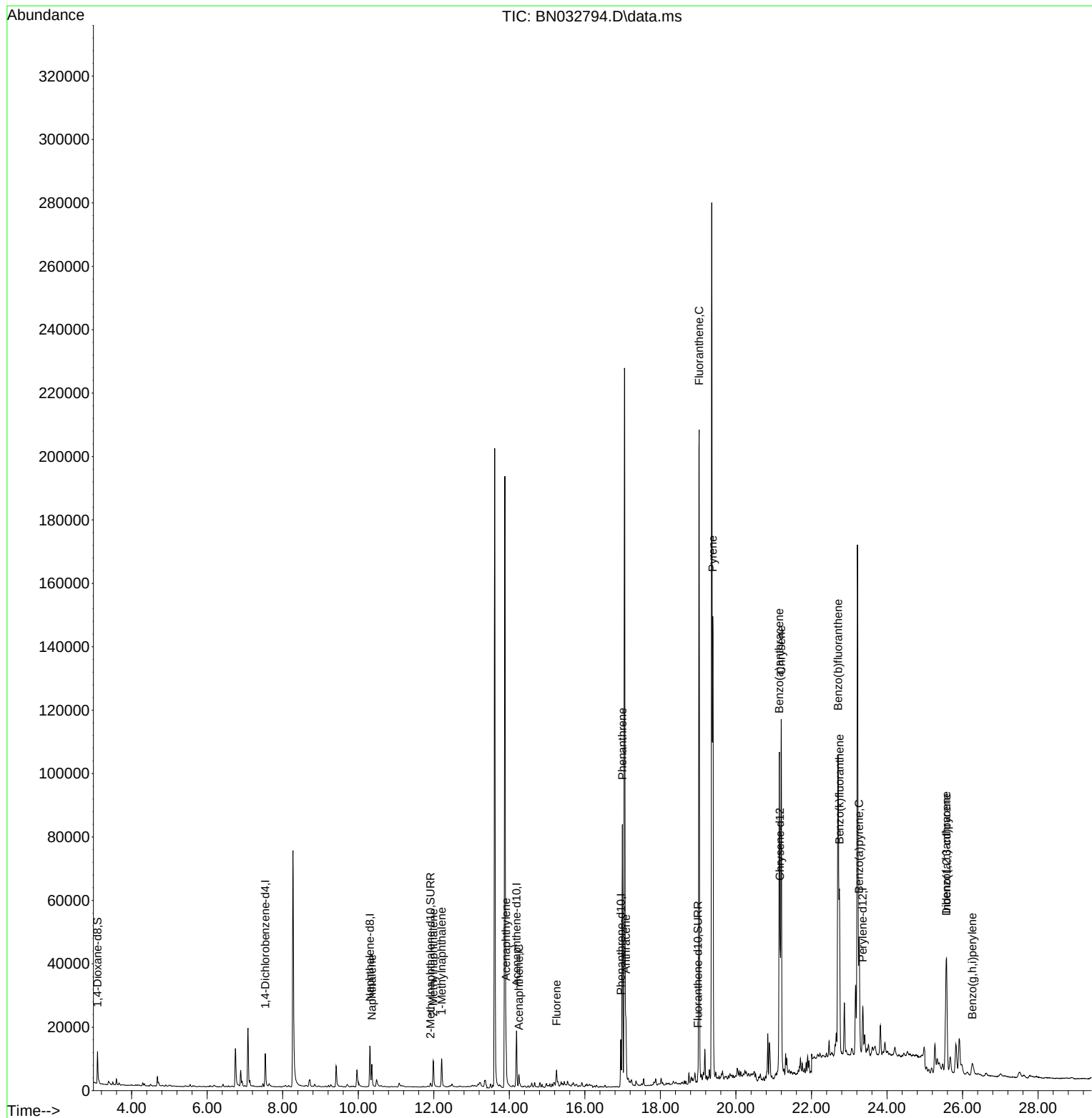
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032794.D
Acq On : 18 Jul 2024 00:29
Operator : MA/JU
Sample : P3100-16DL 5X
Misc :
ALS Vial : 66 Sample Multiplier: 1

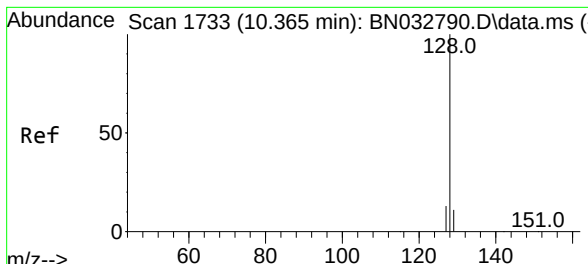
Instrument :
BNA_N
ClientSampleId :
A4D07DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

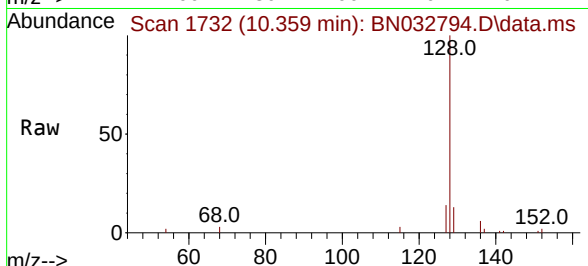
Quant Time: Jul 18 01:01:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
 Concen: 0.201 ng/ul
 RT: 10.359 min Scan# 1732
 Delta R.T. -0.012 min
 Lab File: BN032794.D
 Acq: 18 Jul 2024 00:29

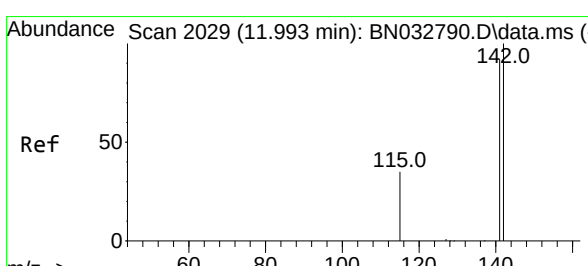
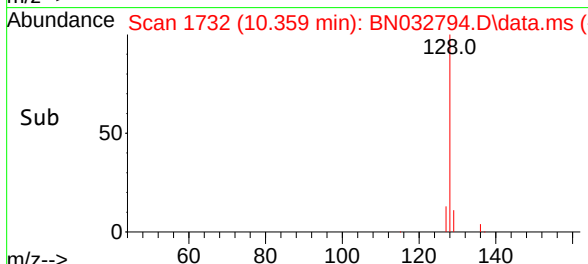
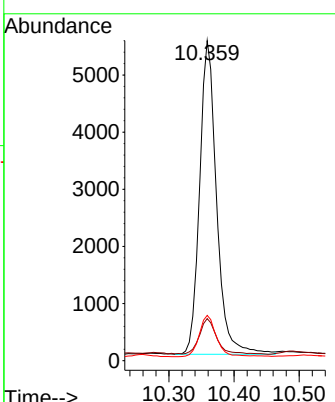
Instrument : BNA_N
ClientSampleId : A4D07DL



Tgt Ion:128 Resp: 9978

Ion	Ratio	Lower	Upper
128	100		
129	13.2	10.0	15.0
127	14.2	11.6	17.4

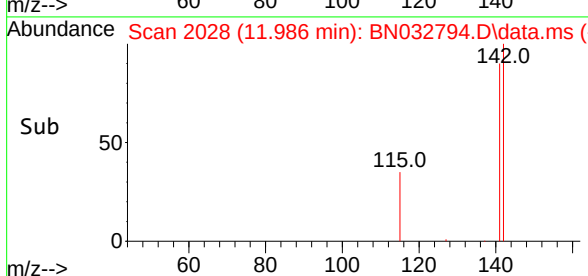
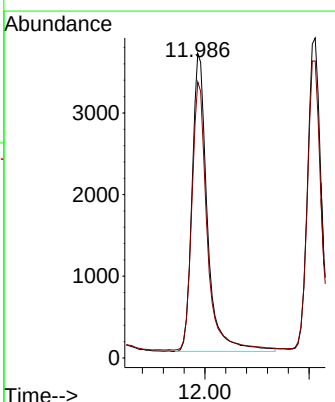
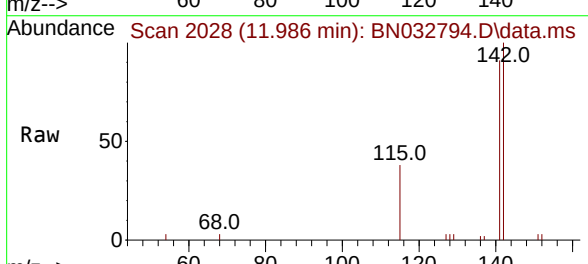
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

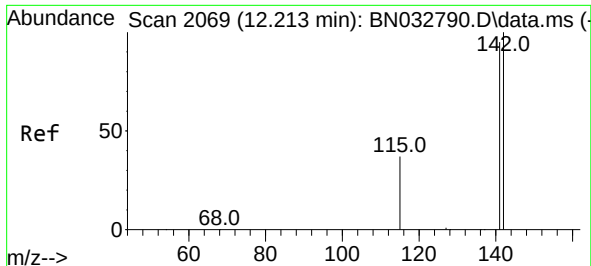


#7
2-Methylnaphthalene
 Concen: 0.240 ng/ul
 RT: 11.986 min Scan# 2028
 Delta R.T. -0.018 min
 Lab File: BN032794.D
 Acq: 18 Jul 2024 00:29

Tgt Ion:142 Resp: 7461

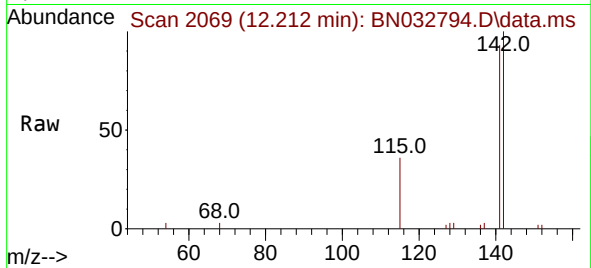
Ion	Ratio	Lower	Upper
142	100		
141	89.3	74.0	111.0





#8
1-Methylnaphthalene
Concen: 0.221 ng/ul
RT: 12.212 min Scan# 2069
Delta R.T. -0.007 min
Lab File: BN032794.D
Acq: 18 Jul 2024 00:29

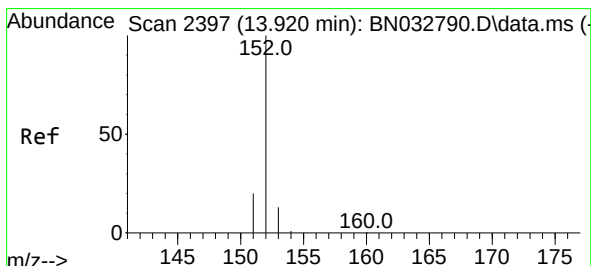
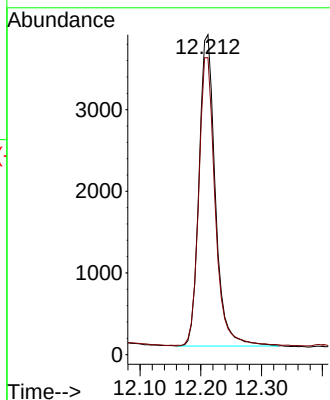
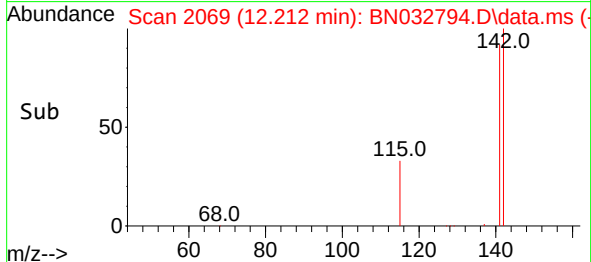
Instrument :
BNA_N
ClientSampleId :
A4D07DL



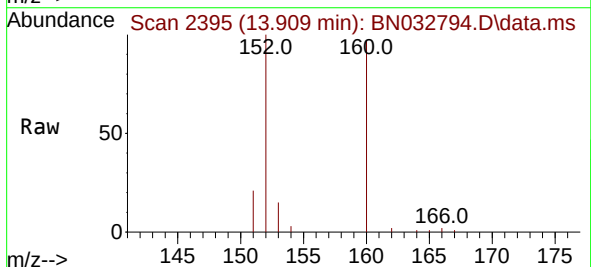
Tgt Ion:142 Resp: 708
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.4

Manual Integrations
APPROVED

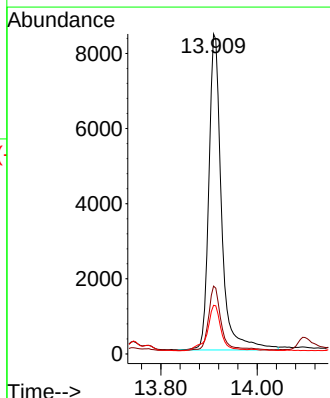
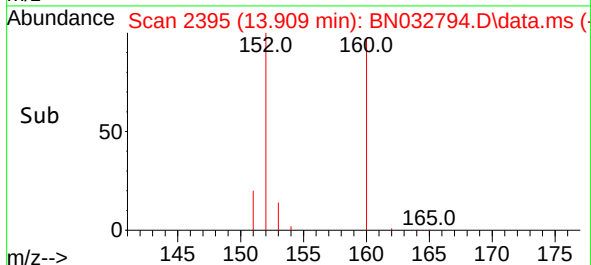
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

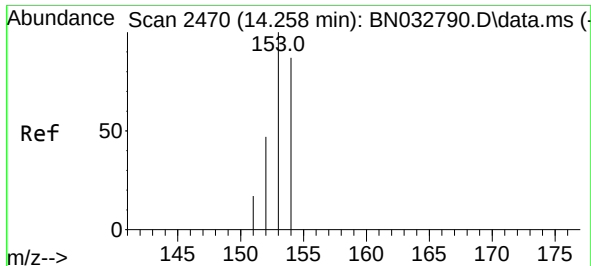


#10
Acenaphthylene
Concen: 0.385 ng/ul
RT: 13.909 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BN032794.D
Acq: 18 Jul 2024 00:29



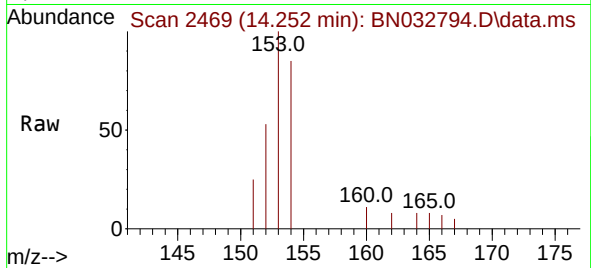
Tgt Ion:152 Resp: 15322
Ion Ratio Lower Upper
152 100
151 21.2 16.3 24.5
153 15.2 11.3 16.9





#11
Acenaphthene
Concen: 0.084 ng/ul
RT: 14.252 min Scan# 2469
Delta R.T. -0.006 min
Lab File: BN032794.D
Acq: 18 Jul 2024 00:29

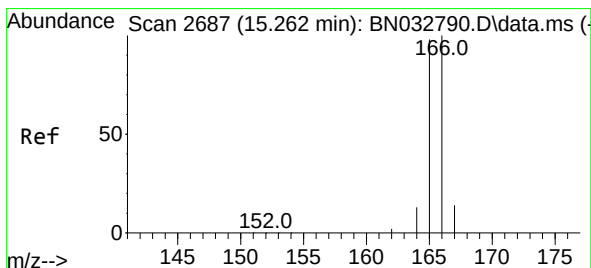
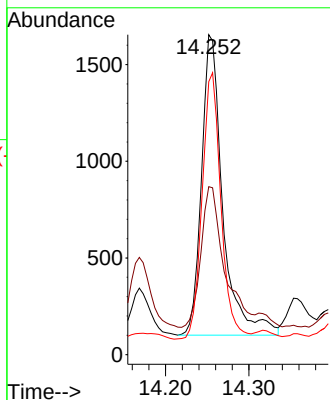
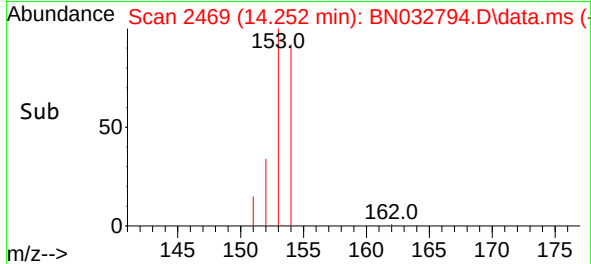
Instrument :
BNA_N
ClientSampleId :
A4D07DL



Tgt Ion:153 Resp: 275
Ion Ratio Lower Upper
153 100
152 52.5 40.0 60.0
154 85.3 70.2 105.4

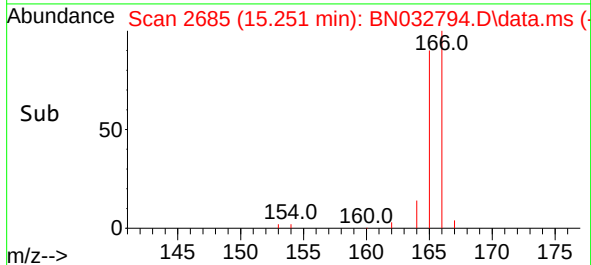
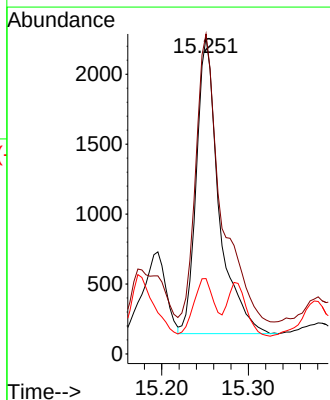
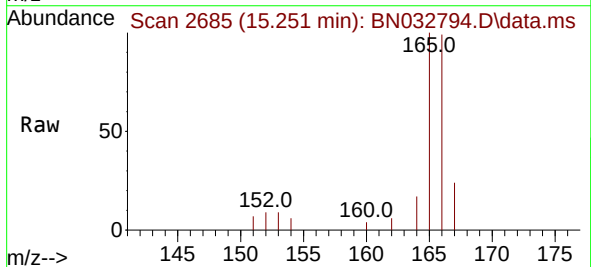
Manual Integrations
APPROVED

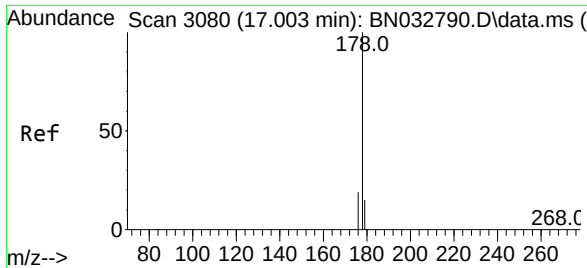
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.102 ng/ul
RT: 15.251 min Scan# 2685
Delta R.T. -0.015 min
Lab File: BN032794.D
Acq: 18 Jul 2024 00:29

Tgt Ion:166 Resp: 3826
Ion Ratio Lower Upper
166 100
165 101.1 79.7 119.5
167 23.8 11.4 17.2#





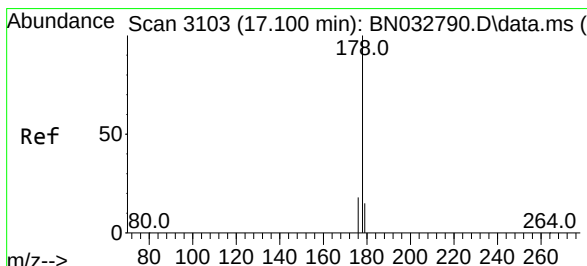
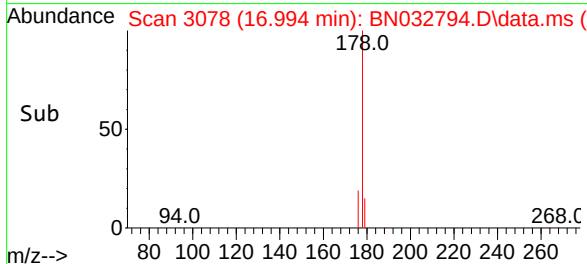
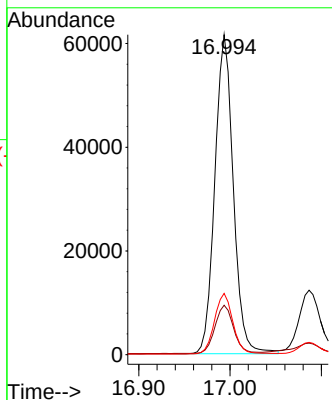
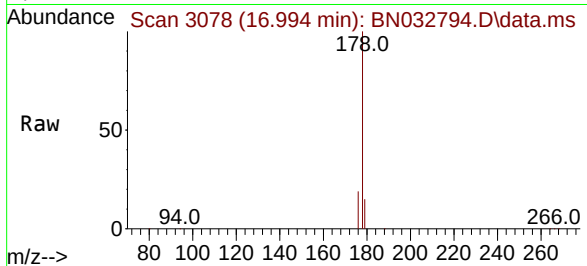
#15
Phenanthrene
Concen: 1.797 ng/ul
RT: 16.994 min Scan# 3080
Delta R.T. -0.014 min
Lab File: BN032794.D
Acq: 18 Jul 2024 00:29

Instrument :
BNA_N
ClientSampleId :
A4D07DL

Tgt Ion:178 Resp: 86049
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.2 15.6 23.4

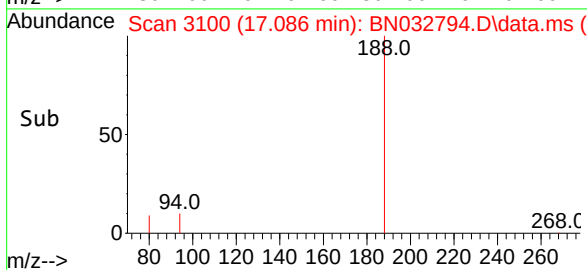
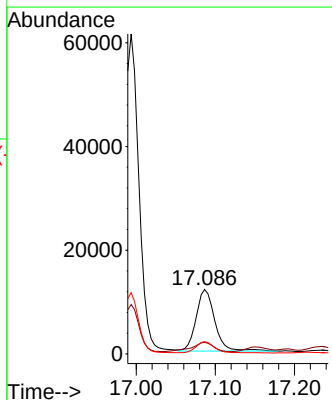
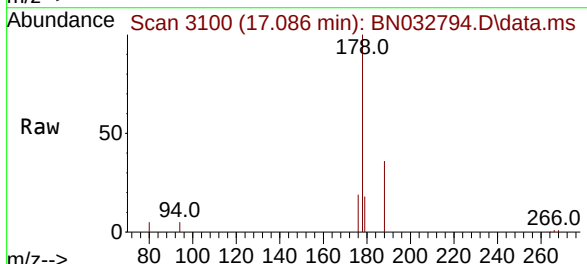
Manual Integrations
APPROVED

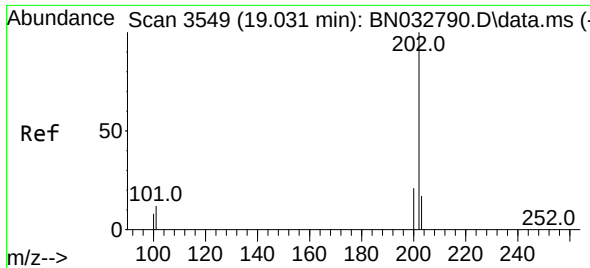
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#16
Anthracene
Concen: 0.498 ng/ul
RT: 17.086 min Scan# 3100
Delta R.T. -0.018 min
Lab File: BN032794.D
Acq: 18 Jul 2024 00:29

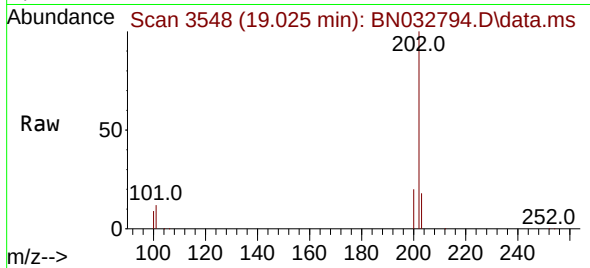
Tgt Ion:178 Resp: 19501
Ion Ratio Lower Upper
178 100
179 17.8 13.4 20.2
176 19.2 15.4 23.0





#19
Fluoranthene
Concen: 2.611 ng/u1
RT: 19.025 min Scan# 3548
Delta R.T. -0.006 min
Lab File: BN032794.D
Acq: 18 Jul 2024 00:29

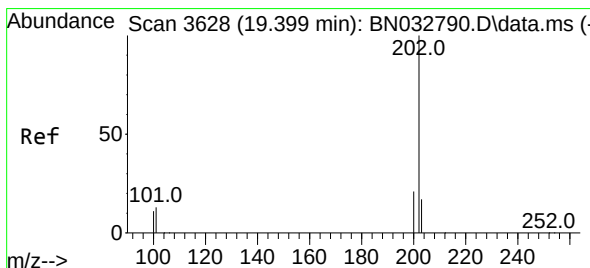
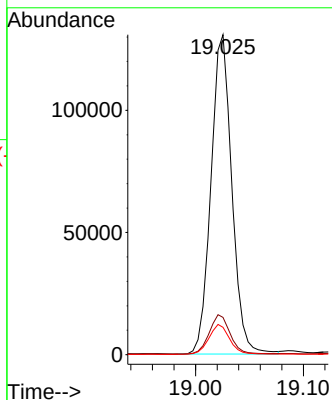
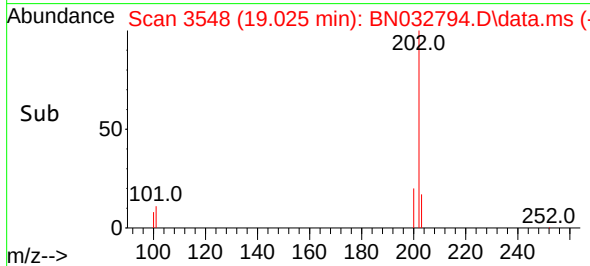
Instrument :
BNA_N
ClientSampleId :
A4D07DL



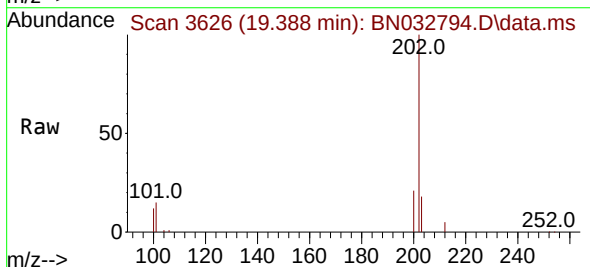
Tgt Ion:202 Resp: 176152
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.5 7.9 11.9

Manual Integrations
APPROVED

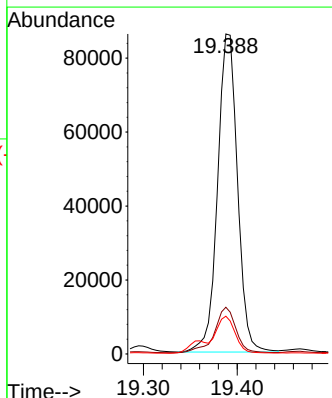
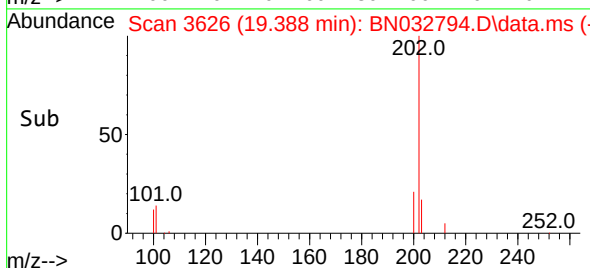
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024

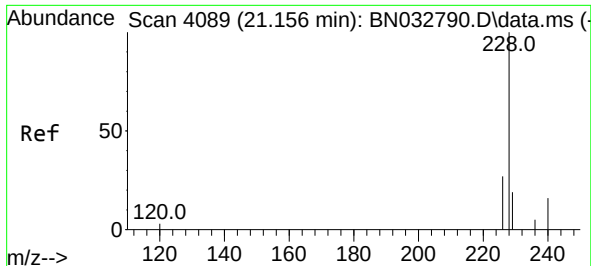


#20
Pyrene
Concen: 1.818 ng/u1
RT: 19.388 min Scan# 3626
Delta R.T. -0.011 min
Lab File: BN032794.D
Acq: 18 Jul 2024 00:29



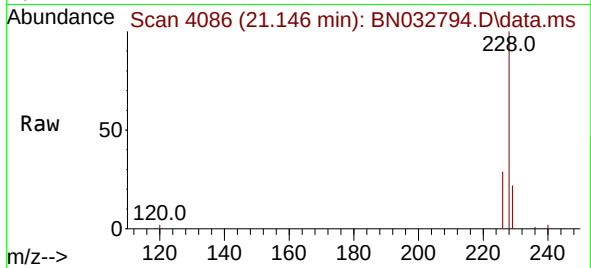
Tgt Ion:202 Resp: 126951
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.6
100 11.8 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.679 ng/ul
RT: 21.146 min Scan# 4089
Delta R.T. -0.013 min
Lab File: BN032794.D
Acq: 18 Jul 2024 00:29

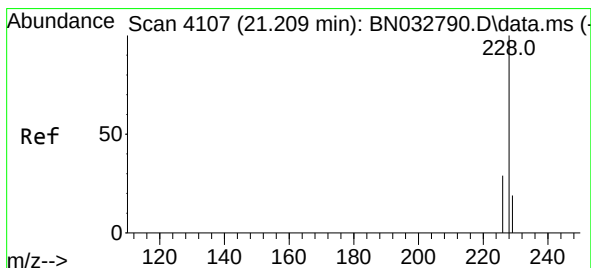
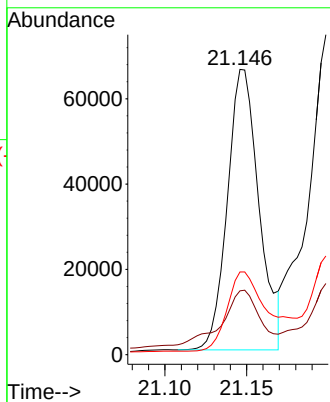
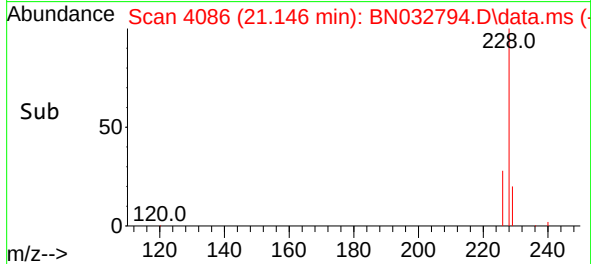
Instrument :
BNA_N
ClientSampleId :
A4D07DL



Tgt Ion:228 Resp: 8868
Ion Ratio Lower Upper
228 100
229 22.4 16.1 24.1
226 29.0 21.9 32.9

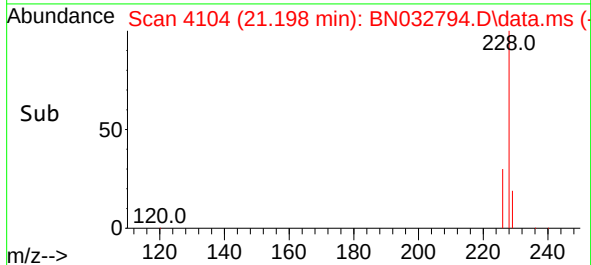
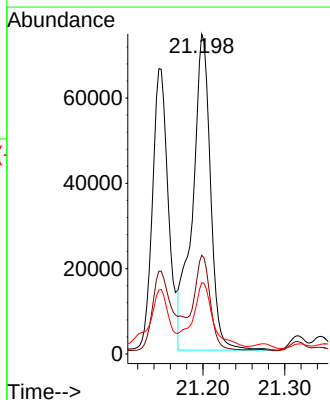
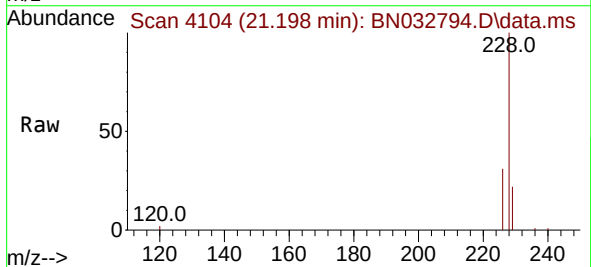
Manual Integrations
APPROVED

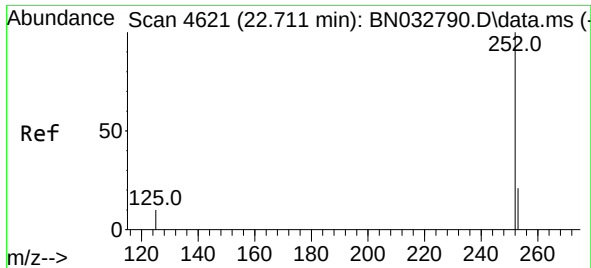
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#22
Chrysene
Concen: 1.489 ng/ul
RT: 21.198 min Scan# 4104
Delta R.T. -0.013 min
Lab File: BN032794.D
Acq: 18 Jul 2024 00:29

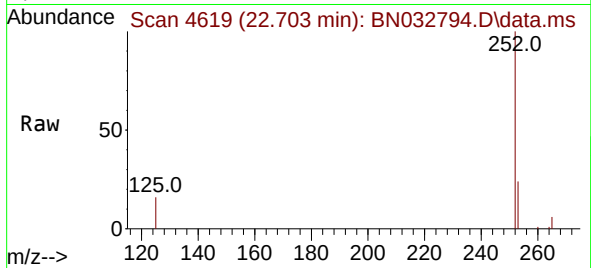
Tgt Ion:228 Resp: 113804
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.124 ng/ul m
RT: 22.703 min Scan# 4619
Delta R.T. -0.007 min
Lab File: BN032794.D
Acq: 18 Jul 2024 00:29

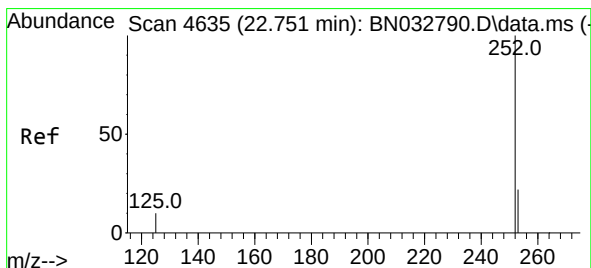
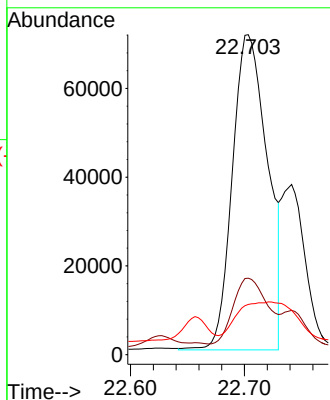
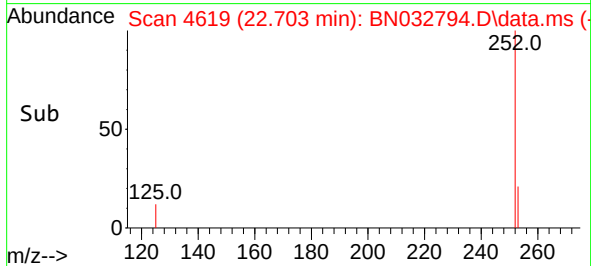
Instrument :
BNA_N
ClientSampleId :
A4D07DL



Tgt Ion:252 Resp: 151709
Ion Ratio Lower Upper
252 100
253 23.9 0.0 54.0
125 15.7 0.0 36.0

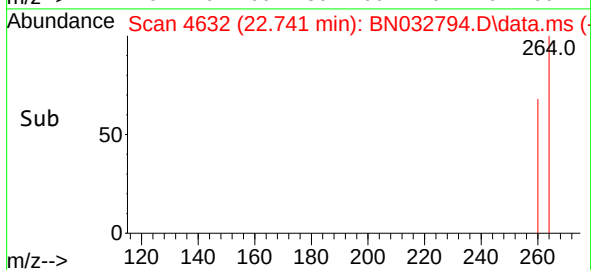
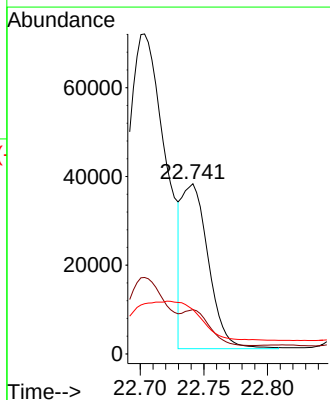
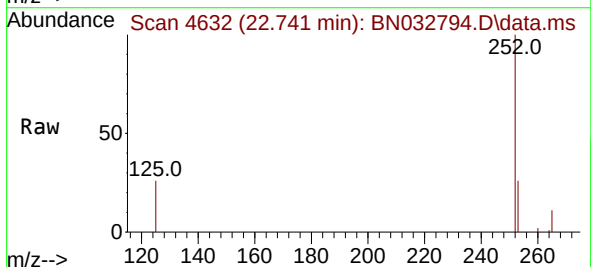
Manual Integrations
APPROVED

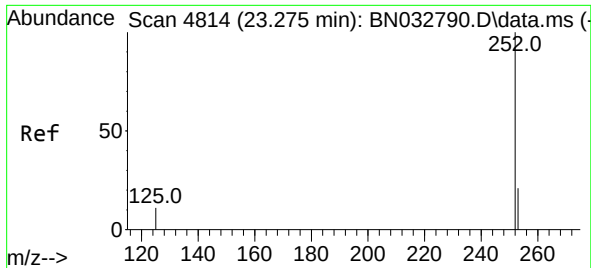
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#25
Benzo(k)fluoranthene
Concen: 0.622 ng/ul m
RT: 22.741 min Scan# 4632
Delta R.T. -0.013 min
Lab File: BN032794.D
Acq: 18 Jul 2024 00:29

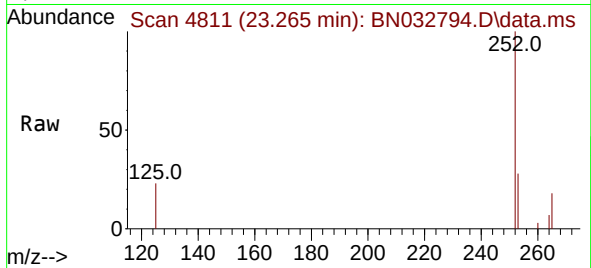
Tgt Ion:252 Resp: 54161
Ion Ratio Lower Upper
252 100
253 26.0 21.2 31.8
125 26.2 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.791 ng/ul
RT: 23.265 min Scan# 4814
Delta R.T. -0.013 min
Lab File: BN032794.D
Acq: 18 Jul 2024 00:29

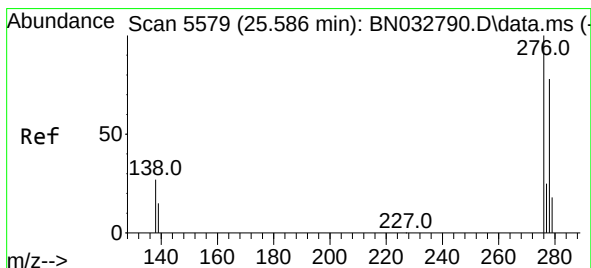
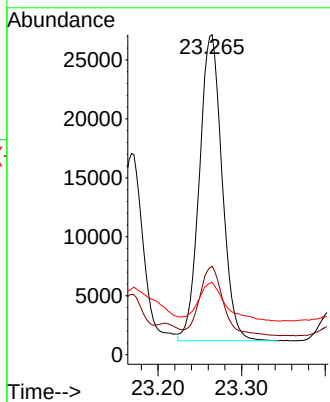
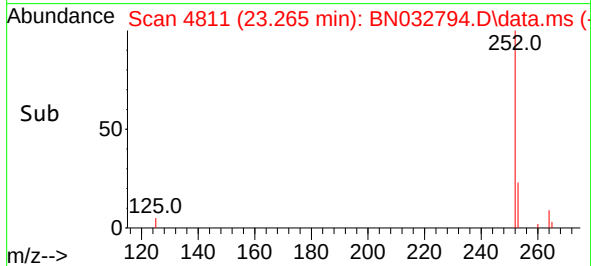
Instrument :
BNA_N
ClientSampleId :
A4D07DL



Tgt Ion:252 Resp: 48898
Ion Ratio Lower Upper
252 100
253 27.6 25.4 38.0
125 22.6 20.6 30.8

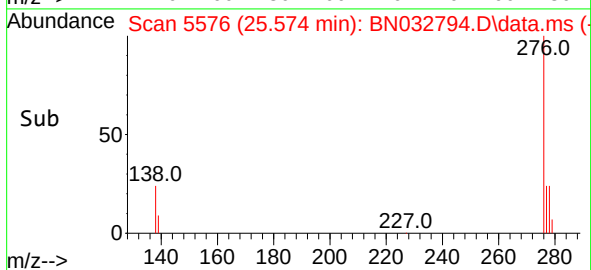
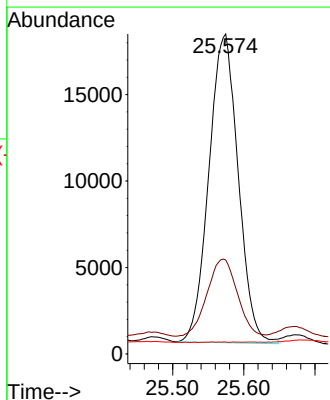
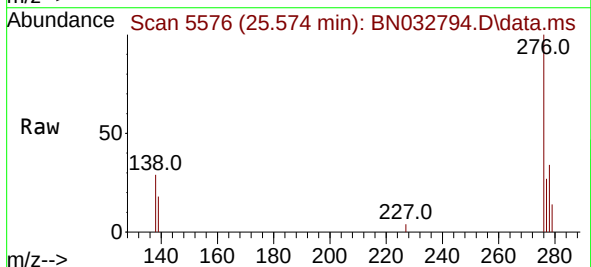
Manual Integrations
APPROVED

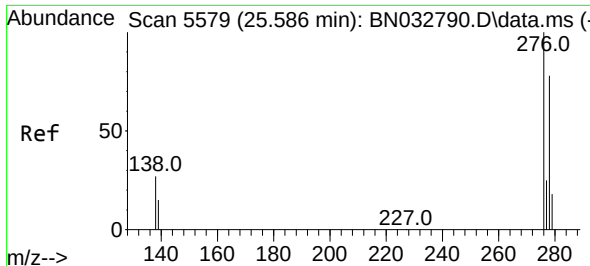
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.611 ng/ul
RT: 25.574 min Scan# 5576
Delta R.T. -0.008 min
Lab File: BN032794.D
Acq: 18 Jul 2024 00:29

Tgt Ion:276 Resp: 51106
Ion Ratio Lower Upper
276 100
138 26.2 21.6 32.4
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.318 ng/ul
RT: 25.568 min Scan# 51
Delta R.T. -0.022 min
Lab File: BN032794.D
Acq: 18 Jul 2024 00:29

Instrument :

BNA_N

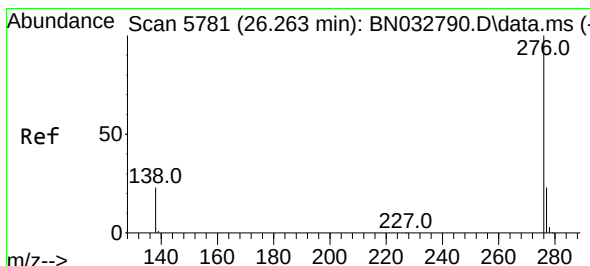
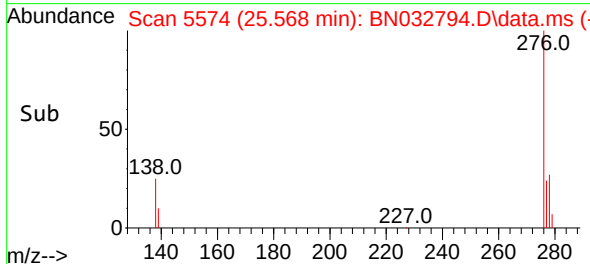
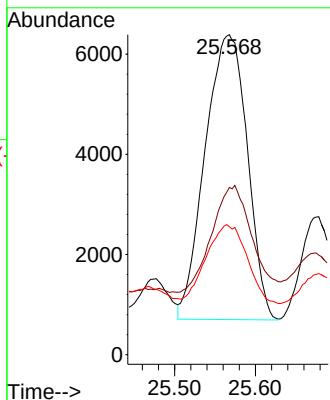
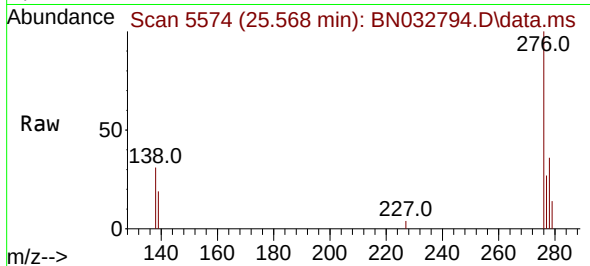
ClientSampleId :

A4D07DL

Tgt Ion:278 Resp: 20634
Ion Ratio Lower Upper
278 100
139 52.3 16.6 24.8#
279 40.0 23.7 35.5#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.105 ng/ul
RT: 26.255 min Scan# 5779
Delta R.T. -0.005 min
Lab File: BN032794.D
Acq: 18 Jul 2024 00:29

Tgt Ion:276 Resp: 7354
Ion Ratio Lower Upper
276 100
138 53.1 21.0 31.4#
277 42.2 20.6 31.0#

