

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070524\
 Data File : BN032518.D
 Acq On : 05 Jul 2024 21:19
 Operator : MA/JU
 Sample : P2963-02DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B47DL

Manual Integrations
 APPROVED

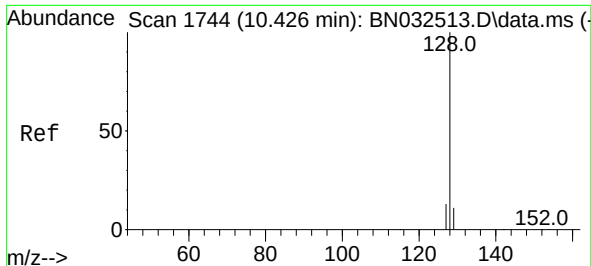
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 05 23:29:07 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 : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

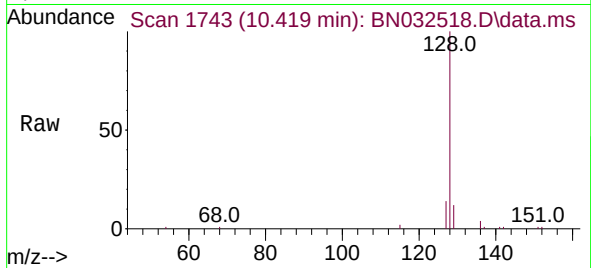
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	5851	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	16447	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.243	164	8667	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.998	188	16377	0.400	ng/ul	0.00
17) Chrysene-d12	21.201	240	15346	0.400	ng/ul	# 0.00
23) Perylene-d12	23.417	264	18307	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	6028	0.927	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.975	152	1329	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	2574	0.056	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.419	128	20291	0.466	ng/ul	99
7) 2-Methylnaphthalene	12.047	142	2020	0.070	ng/ul	99
8) 1-Methylnaphthalene	12.267	142	1716	0.057	ng/ul	98
10) Acenaphthylene	13.960	152	5016	0.139	ng/ul#	92
11) Acenaphthene	14.303	153	5390	0.193	ng/ul	98
12) Fluorene	15.297	166	7107	0.213	ng/ul	99
15) Phenanthrene	17.040	178	112670	2.509	ng/ul	99
16) Anthracene	17.133	178	22644	0.565	ng/ul	98
19) Fluoranthene	19.063	202	176677	3.023	ng/ul	97
20) Pyrene	19.430	202	128029	2.096	ng/ul	100
21) Benzo(a)anthracene	21.187	228	86156	1.555	ng/ul	96
22) Chrysene	21.236	228	94007	1.546	ng/ul	95
24) Benzo(b)fluoranthene	22.753	252	104962m	1.320	ng/ul	
25) Benzo(k)fluoranthene	22.791	252	39545m	0.512	ng/ul	
26) Benzo(a)pyrene	23.320	252	43909	0.793	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.648	276	34144	0.394	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.652	278	13238	0.206	ng/ul#	63
29) Benzo(g,h,i)perylene	26.342	276	5417	0.078	ng/ul#	55

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



#5
Naphthalene
Concen: 0.466 ng/ul
RT: 10.419 min Scan# 1744
Delta R.T. -0.012 min
Lab File: BN032518.D
Acq: 05 Jul 2024 21:19

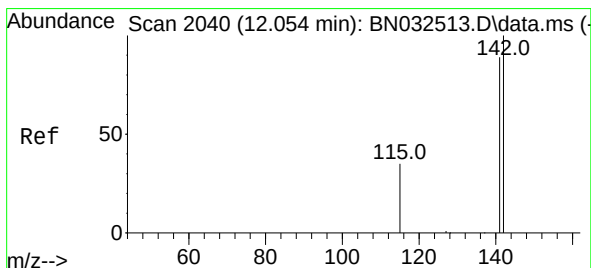
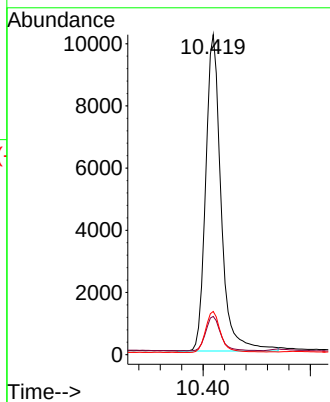
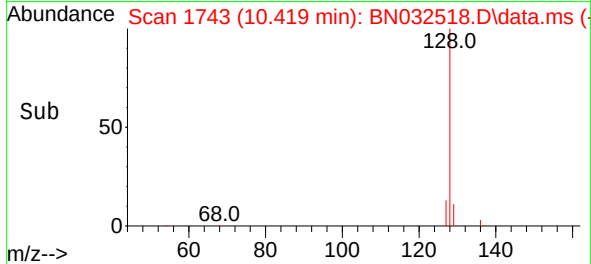
Instrument :
BNA_N
ClientSampleId :
A4B47DL



Tgt Ion:128 Resp: 2029
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 13.5 10.8 16.2

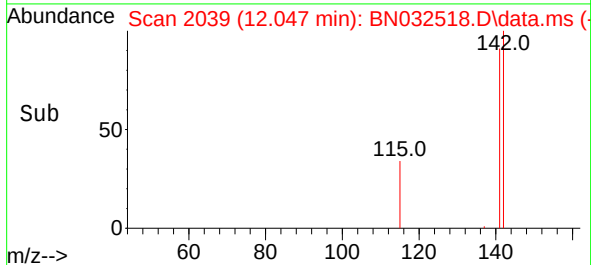
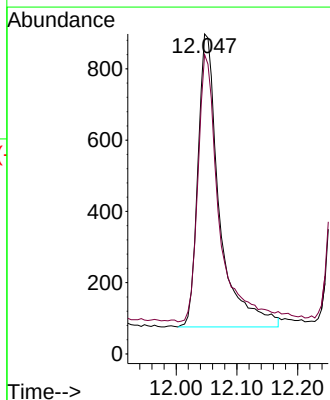
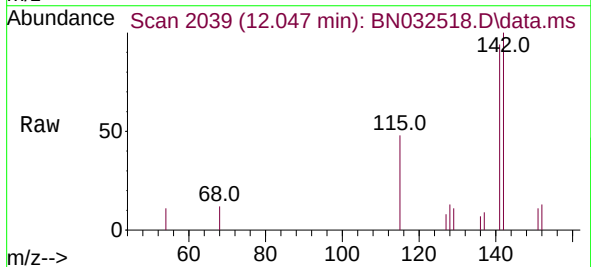
Manual Integrations
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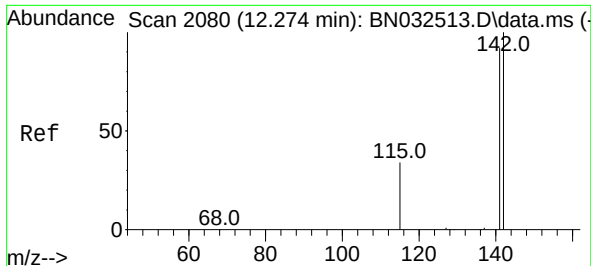
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#7
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.047 min Scan# 2039
Delta R.T. -0.007 min
Lab File: BN032518.D
Acq: 05 Jul 2024 21:19

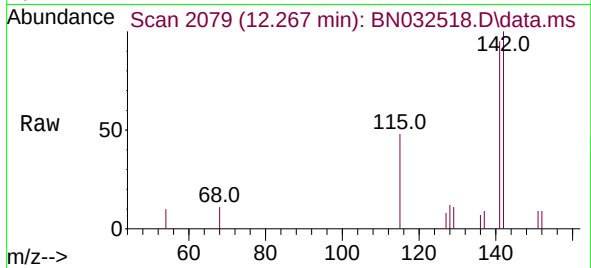
Tgt Ion:142 Resp: 2020
Ion Ratio Lower Upper
142 100
141 89.2 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 12.267 min Scan# 2080
Delta R.T. -0.007 min
Lab File: BN032518.D
Acq: 05 Jul 2024 21:19

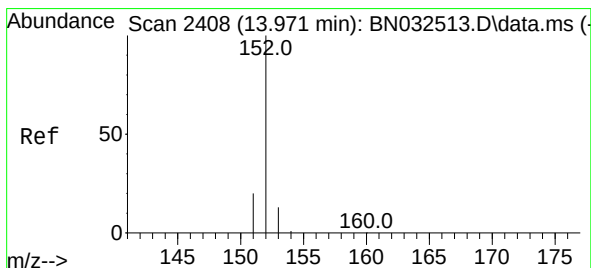
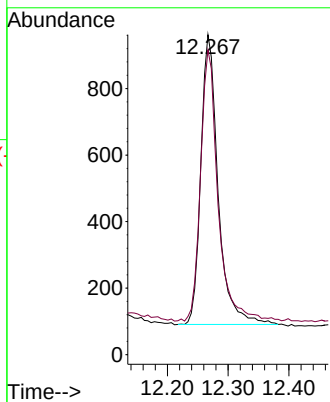
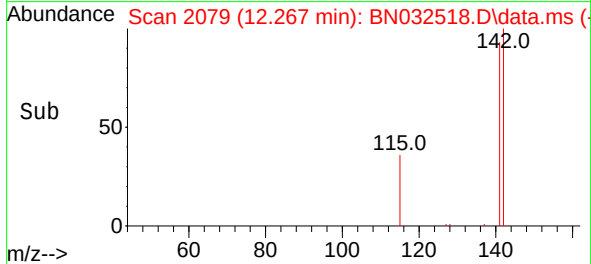
Instrument :
BNA_N
ClientSampleId :
A4B47DL



Tgt Ion:142 Resp: 1710
Ion Ratio Lower Upper
142 100
141 93.9 73.4 110.0

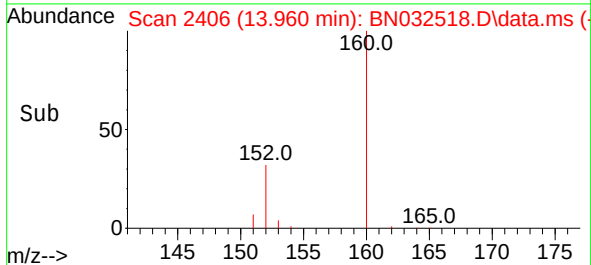
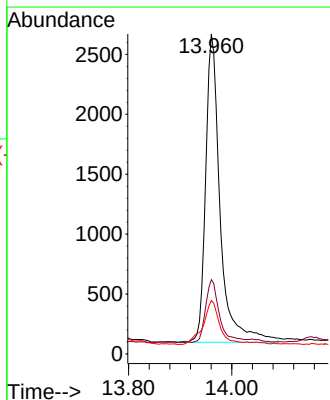
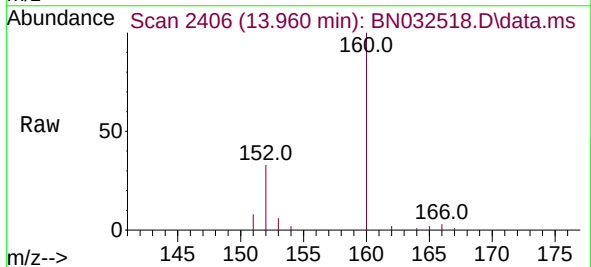
Manual Integrations
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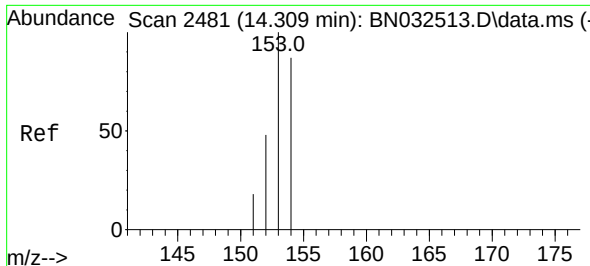
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#10
Acenaphthylene
Concen: 0.139 ng/ul
RT: 13.960 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BN032518.D
Acq: 05 Jul 2024 21:19

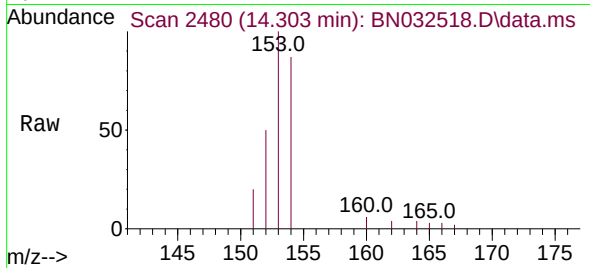
Tgt Ion:152 Resp: 5016
Ion Ratio Lower Upper
152 100
151 23.2 15.7 23.5
153 16.7 10.9 16.3#





#11
Acenaphthene
Concen: 0.193 ng/ul
RT: 14.303 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN032518.D
Acq: 05 Jul 2024 21:19

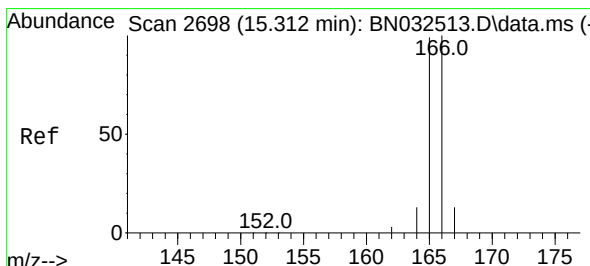
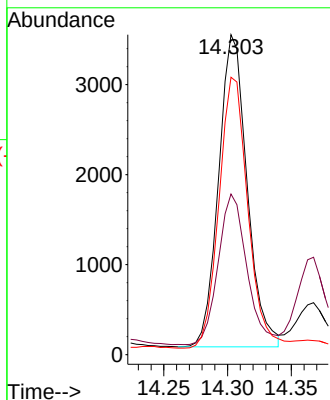
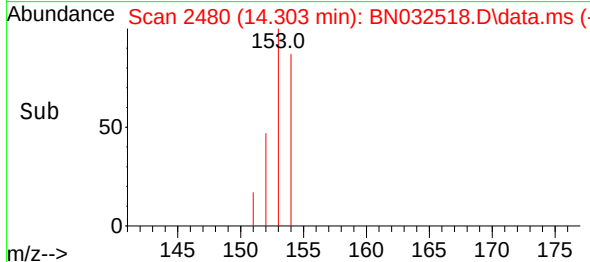
Instrument :
BNA_N
ClientSampleId :
A4B47DL



Tgt Ion:153 Resp: 5390
Ion Ratio Lower Upper
153 100
152 50.2 39.5 59.3
154 86.7 71.7 107.5

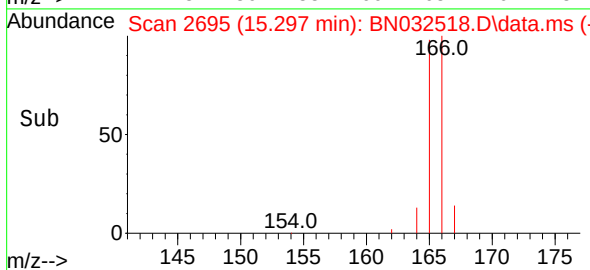
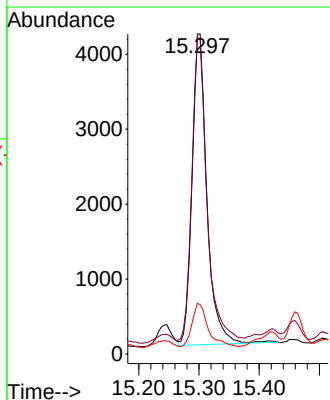
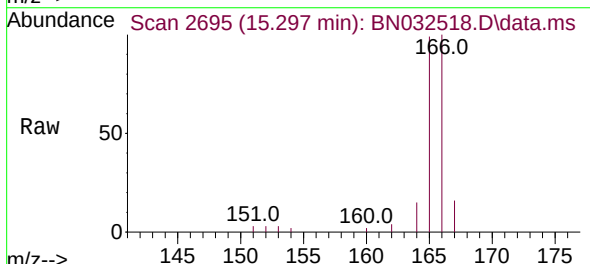
Manual Integrations
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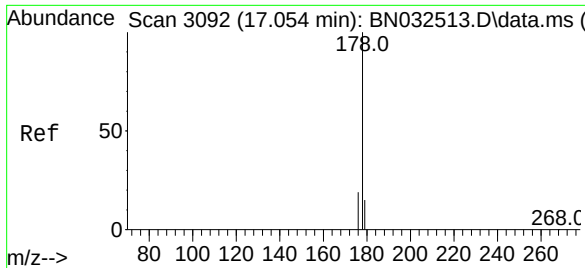
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.213 ng/ul
RT: 15.297 min Scan# 2695
Delta R.T. -0.015 min
Lab File: BN032518.D
Acq: 05 Jul 2024 21:19

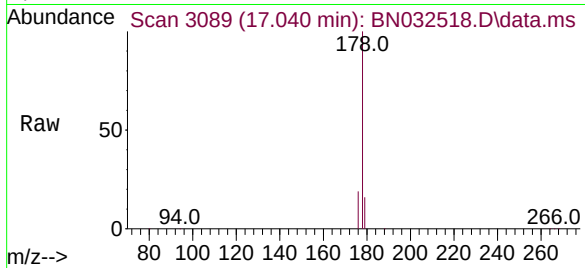
Tgt Ion:166 Resp: 7107
Ion Ratio Lower Upper
166 100
165 99.0 79.0 118.6
167 15.9 11.0 16.6





#15
Phenanthrene
Concen: 2.509 ng/ul
RT: 17.040 min Scan# 3092
Delta R.T. -0.010 min
Lab File: BN032518.D
Acq: 05 Jul 2024 21:19

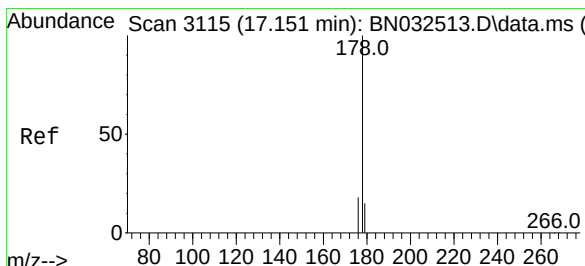
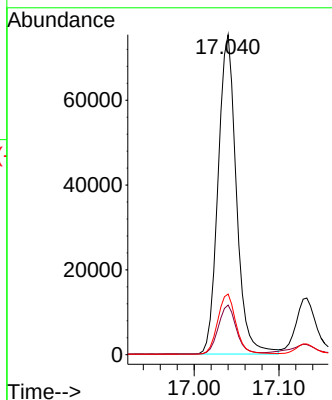
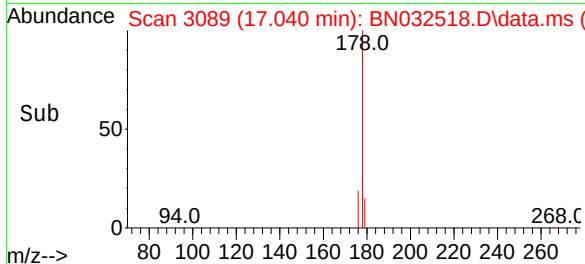
Instrument :
BNA_N
ClientSampleId :
A4B47DL



Tgt Ion:178 Resp: 112670
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 18.9 15.6 23.4

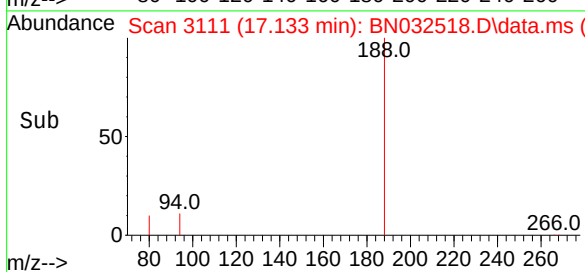
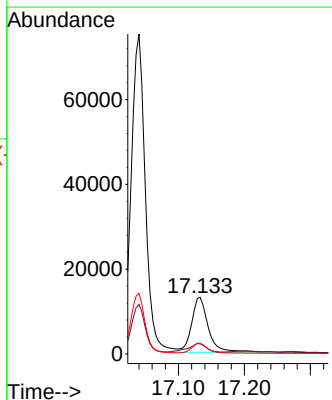
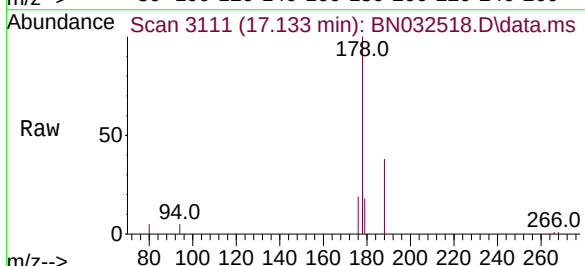
Manual Integrations
APPROVED

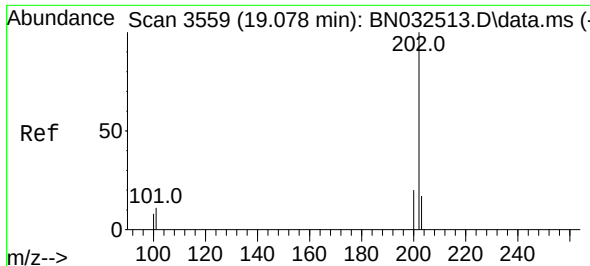
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.565 ng/ul
RT: 17.133 min Scan# 3111
Delta R.T. -0.010 min
Lab File: BN032518.D
Acq: 05 Jul 2024 21:19

Tgt Ion:178 Resp: 22644
Ion Ratio Lower Upper
178 100
179 17.7 12.5 18.7
176 18.8 15.0 22.6





#19

Fluoranthene

Concen: 3.023 ng/ul

RT: 19.063 min Scan# 3559

Delta R.T. -0.011 min

Lab File: BN032518.D

Acq: 05 Jul 2024 21:19

Instrument :

BNA_N

ClientSampleId :

A4B47DL

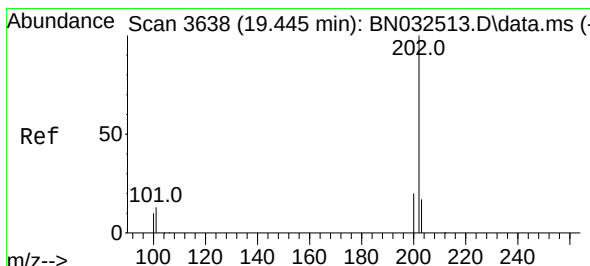
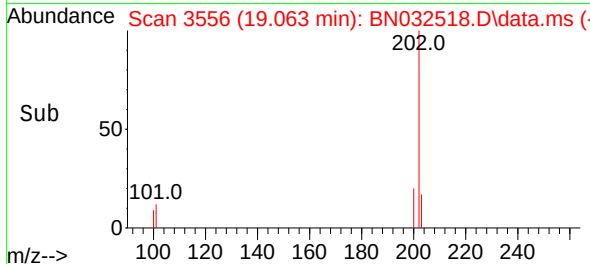
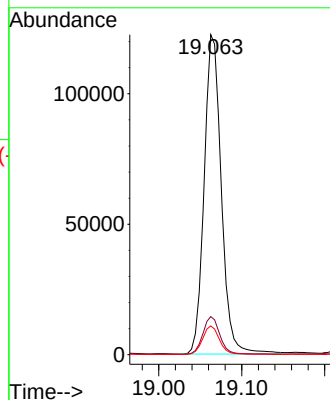
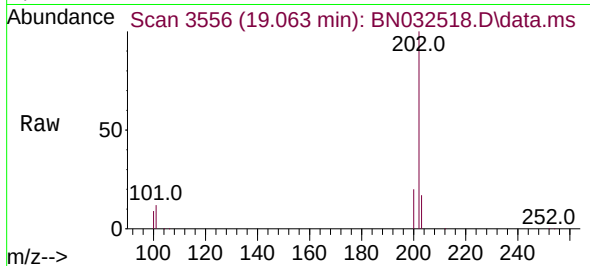
Tgt Ion:202	Resp:	17667
Ion Ratio	Lower	Upper
202	100	
101	11.9	8.8 13.2
100	9.0	6.4 9.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#20

Pyrene

Concen: 2.096 ng/ul

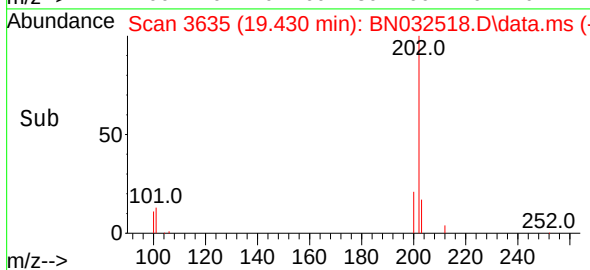
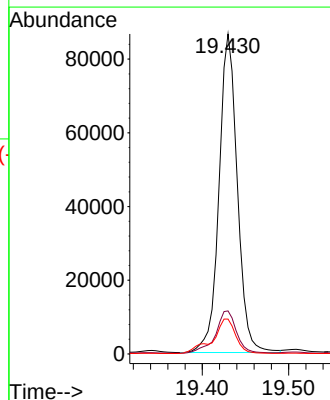
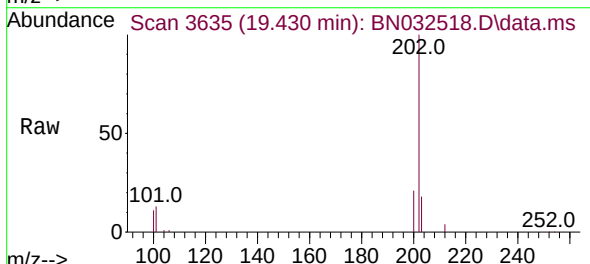
RT: 19.430 min Scan# 3635

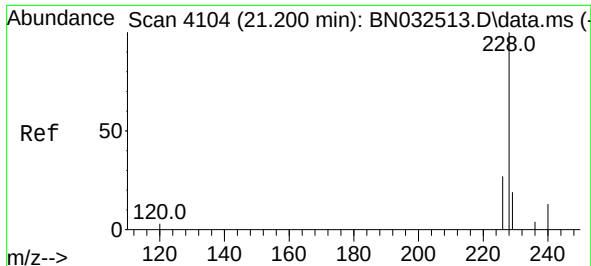
Delta R.T. -0.011 min

Lab File: BN032518.D

Acq: 05 Jul 2024 21:19

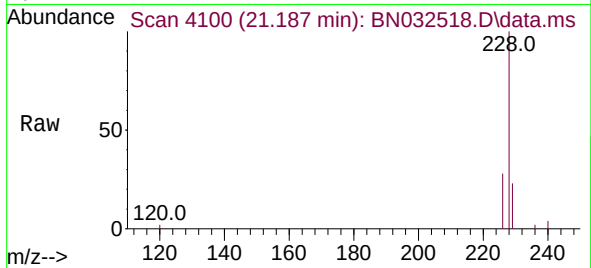
Tgt Ion:202	Resp:	128029
Ion Ratio	Lower	Upper
202	100	
101	13.4	11.0 16.4
100	10.9	8.7 13.1





#21
Benzo(a)anthracene
Concen: 1.555 ng/ul
RT: 21.187 min Scan# 4110
Delta R.T. -0.004 min
Lab File: BN032518.D
Acq: 05 Jul 2024 21:19

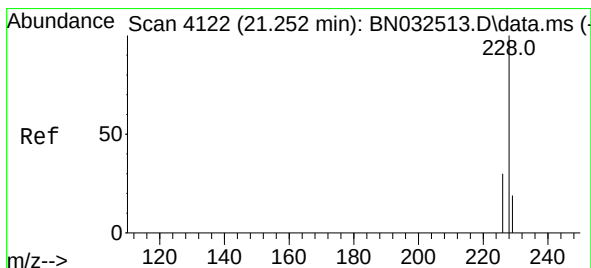
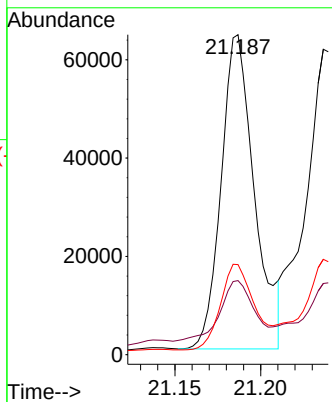
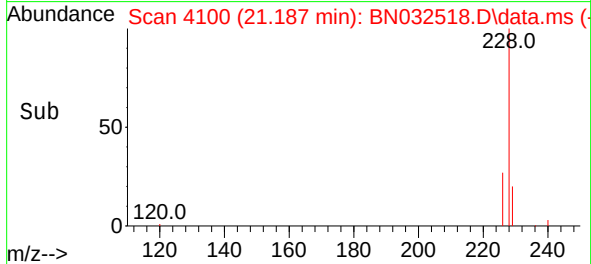
Instrument :
BNA_N
ClientSampleId :
A4B47DL



Tgt Ion:228 Resp: 86150
Ion Ratio Lower Upper
228 100
229 23.2 15.7 23.5
226 28.1 21.8 32.8

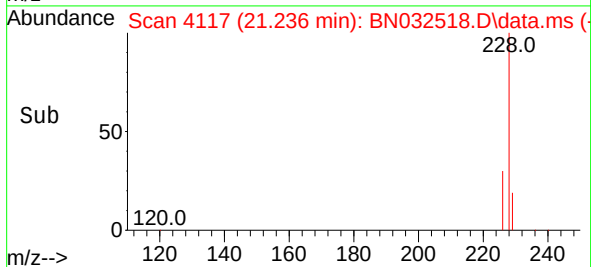
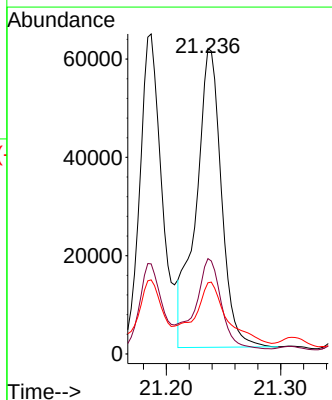
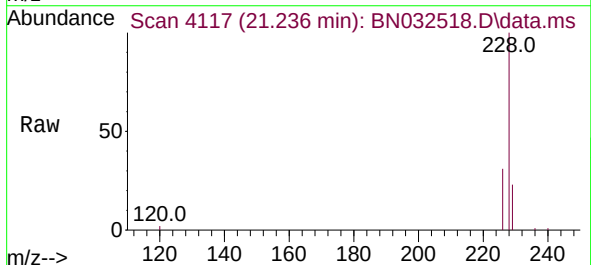
Manual Integrations
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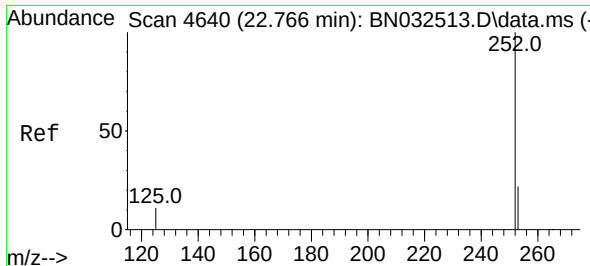
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 1.546 ng/ul
RT: 21.236 min Scan# 4117
Delta R.T. -0.007 min
Lab File: BN032518.D
Acq: 05 Jul 2024 21:19

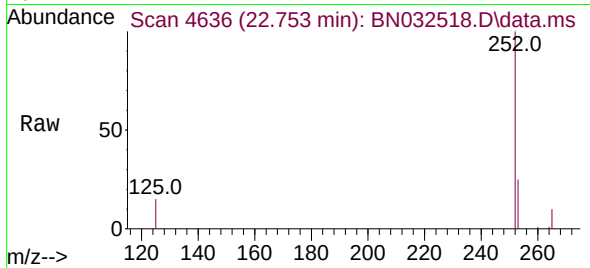
Tgt Ion:228 Resp: 94007
Ion Ratio Lower Upper
228 100
226 31.2 23.6 35.4
229 23.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.320 ng/ul m
RT: 22.753 min Scan# 4636
Delta R.T. -0.004 min
Lab File: BN032518.D
Acq: 05 Jul 2024 21:19

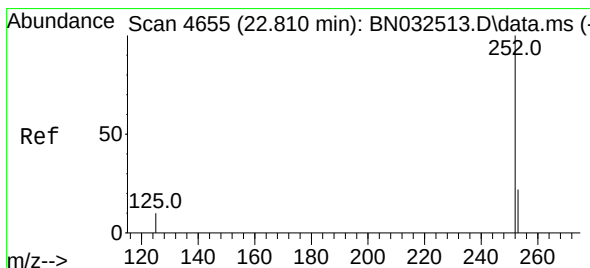
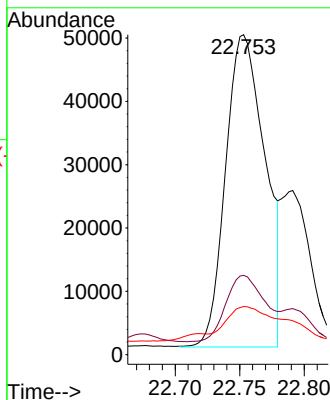
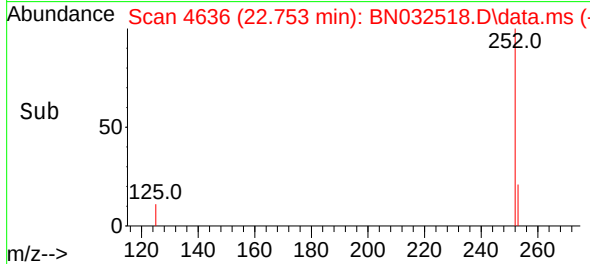
Instrument :
BNA_N
ClientSampleId :
A4B47DL



Tgt Ion:252 Resp: 104962
Ion Ratio Lower Upper
252 100
253 24.8 0.0 50.2
125 15.0 0.0 32.0

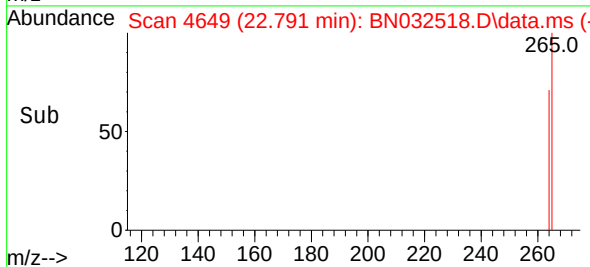
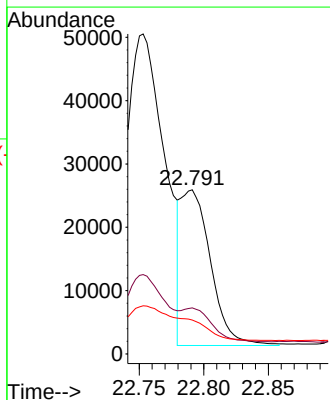
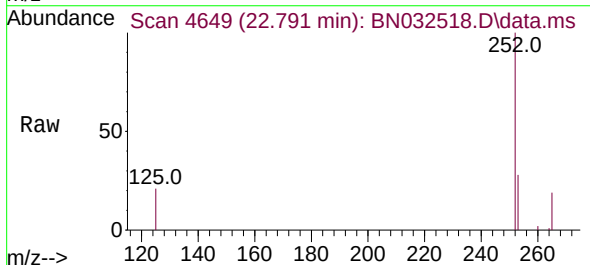
Manual Integrations
APPROVED

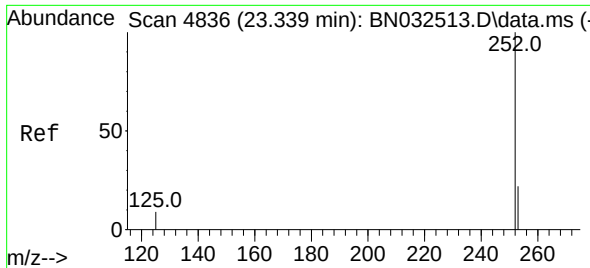
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.512 ng/ul m
RT: 22.791 min Scan# 4649
Delta R.T. -0.010 min
Lab File: BN032518.D
Acq: 05 Jul 2024 21:19

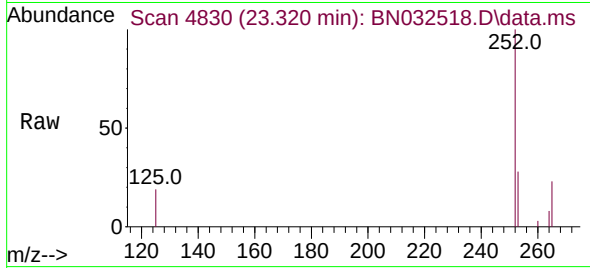
Tgt Ion:252 Resp: 39545
Ion Ratio Lower Upper
252 100
253 28.1 20.3 30.5
125 20.7 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 0.793 ng/ul
RT: 23.320 min Scan# 41
Delta R.T. -0.007 min
Lab File: BN032518.D
Acq: 05 Jul 2024 21:19

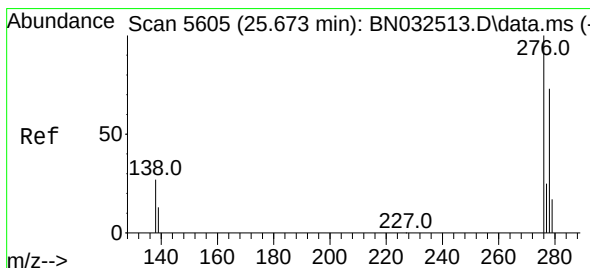
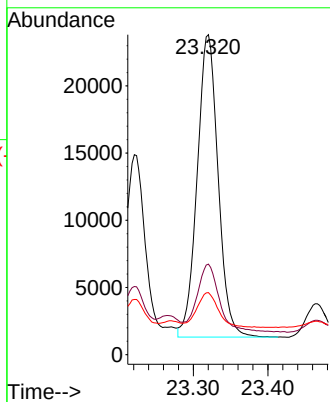
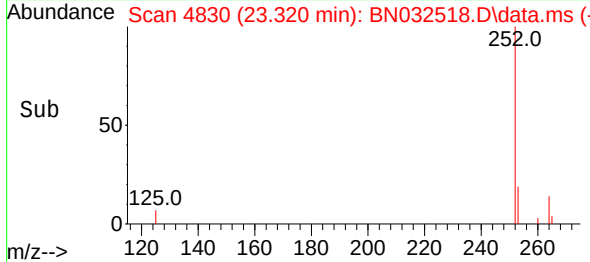
Instrument :
BNA_N
ClientSampleId :
A4B47DL



Tgt Ion:252 Resp: 43909
Ion Ratio Lower Upper
252 100
253 28.3 22.2 33.2
125 19.4 16.4 24.6

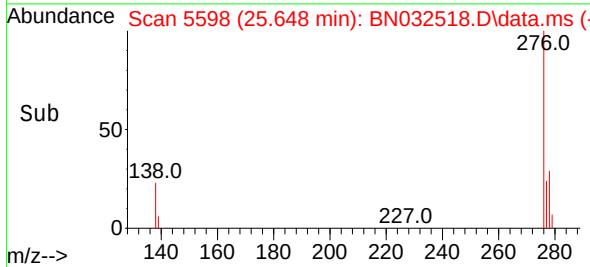
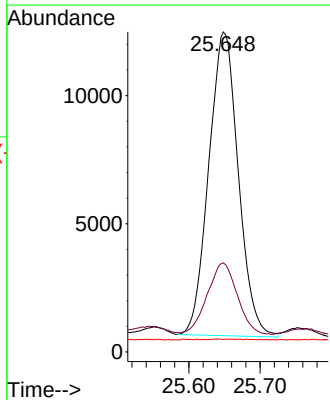
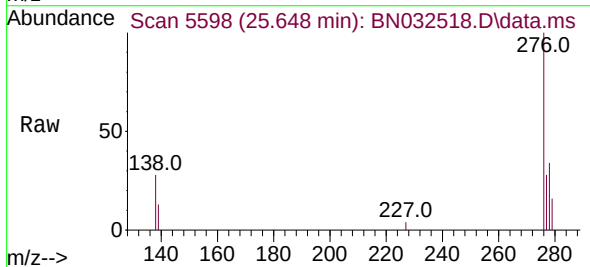
Manual Integrations
APPROVED

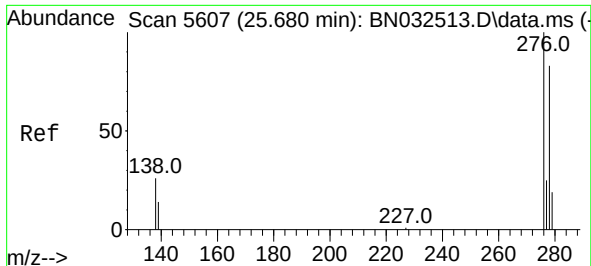
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng/ul
RT: 25.648 min Scan# 5598
Delta R.T. -0.011 min
Lab File: BN032518.D
Acq: 05 Jul 2024 21:19

Tgt Ion:276 Resp: 34144
Ion Ratio Lower Upper
276 100
138 23.8 21.3 31.9
227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.206 ng/ul

RT: 25.652 min Scan# 5599

Delta R.T. -0.015 min

Lab File: BN032518.D

Acq: 05 Jul 2024 21:19

Instrument :

BNA_N

ClientSampleId :

A4B47DL

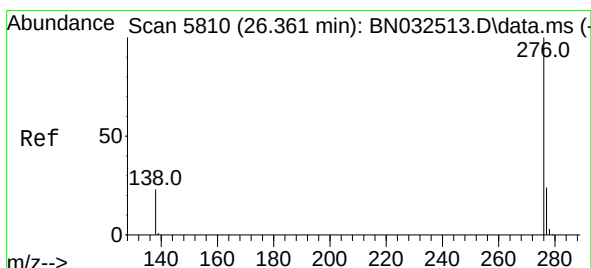
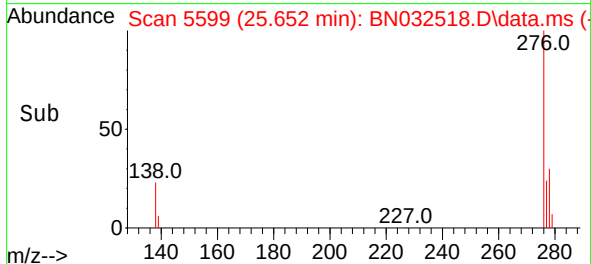
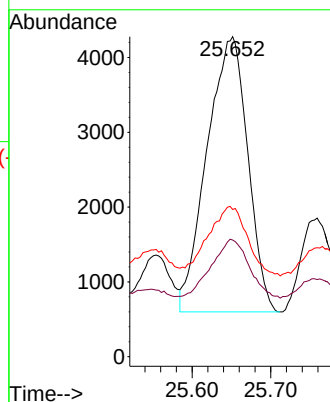
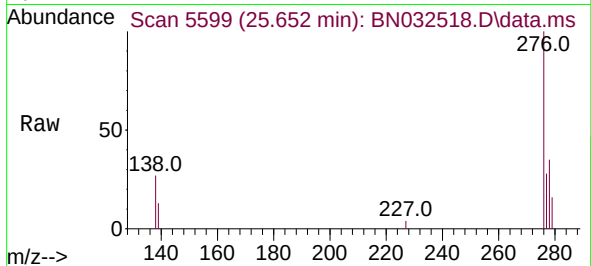
Tgt Ion:278	Resp:	1323
Ion Ratio	Lower	Upper
278	100	
139	36.5	15.9 23.9
279	46.0	21.1 31.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/08/2024

Supervised By :mohammad ahmed 07/08/2024



#29

Benzo(g,h,i)perylene

Concen: 0.078 ng/ul

RT: 26.342 min Scan# 5805

Delta R.T. -0.001 min

Lab File: BN032518.D

Acq: 05 Jul 2024 21:19

Tgt Ion:276	Resp:	5417
Ion Ratio	Lower	Upper
276	100	
138	48.0	19.8 29.6
277	46.8	19.8 29.6

