

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
 Data File : BN026458.D
 Acq On : 11 Jul 2023 12:13
 Operator : MA/JU
 Sample : 03477-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 HOA42MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 12 02:11:34 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jul 09 15:51:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	4572	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	15855	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	8428	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	13585	0.400	ng/ul	0.00
17) Chrysene-d12	21.517	240	8524	0.400	ng/ul	0.00
23) Perylene-d12	23.961	264	8341	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	3438m	0.668	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.321	152	5766	0.236	ng/ul	-0.01
18) Fluoranthene-d10	19.345	212	10394	0.320	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.327	88	328152	60.023	ng/ul#	78
5) Naphthalene	10.781	128	12350	0.272	ng/ul	98
7) 2-Methylnaphthalene	12.392	142	6752	0.233	ng/ul	98
8) 1-Methylnaphthalene	12.607	142	7638	0.255	ng/ul	99
10) Acenaphthylene	14.283	152	11538	0.292	ng/ul	99
11) Acenaphthene	14.621	153	9199	0.285	ng/ul	100
12) Fluorene	15.616	166	9371	0.253	ng/ul	100
14) Pentachlorophenol	16.975	266	1964	0.403	ng/ul	100
15) Phenanthrene	17.360	178	13217	0.295	ng/ul	98
16) Anthracene	17.452	178	13007	0.326	ng/ul	95
19) Fluoranthene	19.377	202	14729	0.324	ng/ul	99
20) Pyrene	19.740	202	15602	0.329	ng/ul	96
21) Benzo(a)anthracene	21.500	228	10373	0.295	ng/ul	98
22) Chrysene	21.552	228	11201	0.306	ng/ul	99
24) Benzo(b)fluoranthene	23.212	252	11031	0.310	ng/ul	89
25) Benzo(k)fluoranthene	23.262	252	11832	0.331	ng/ul#	92
26) Benzo(a)pyrene	23.853	252	9623	0.311	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.514	276	11021	0.326	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.524	278	8360	0.327	ng/ul#	91
29) Benzo(g,h,i)perylene	27.299	276	10179	0.339	ng/ul	98

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

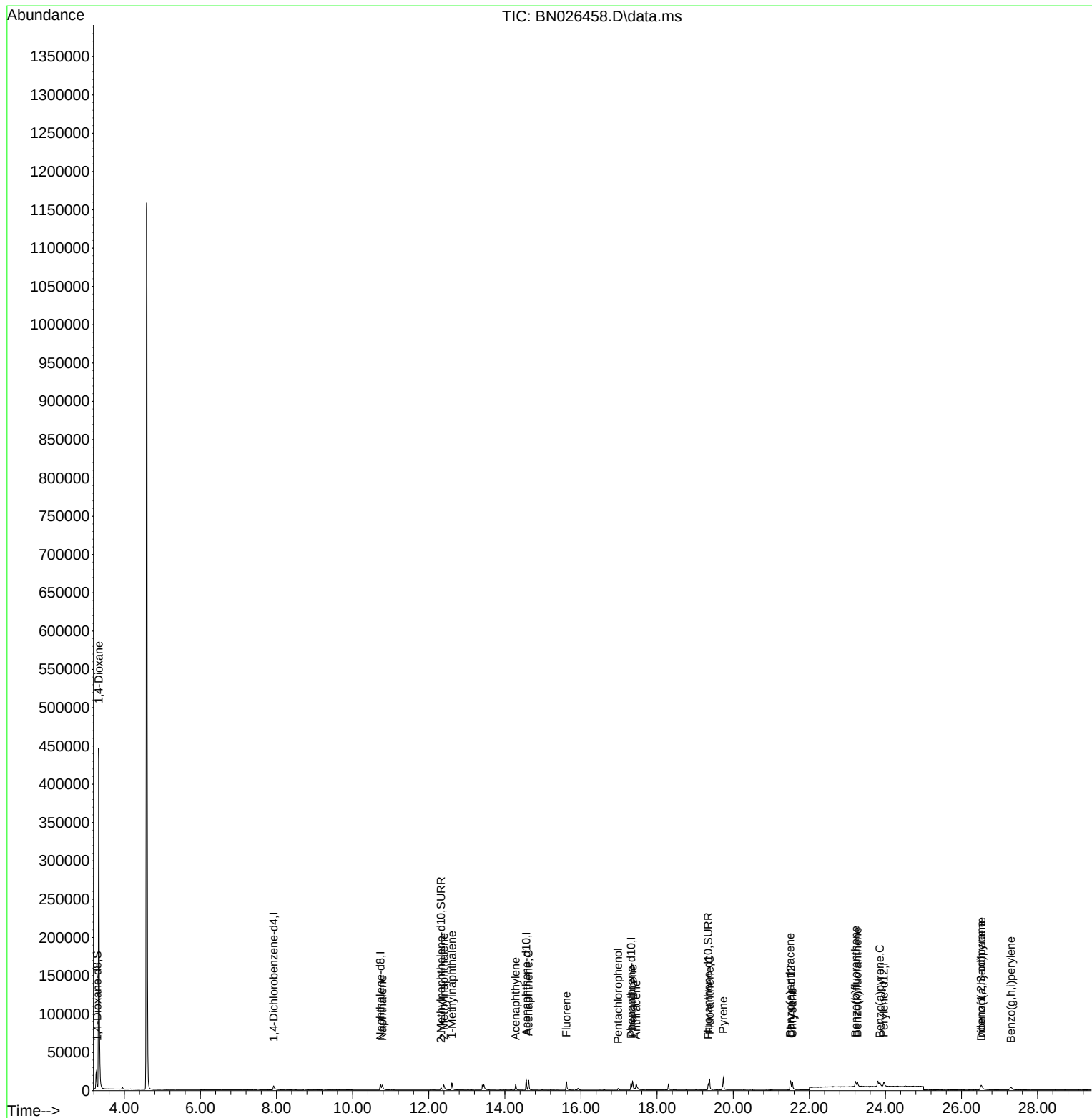
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
Data File : BN026458.D
Acq On : 11 Jul 2023 12:13
Operator : MA/JU
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ALS Vial : 6 Sample Multiplier: 1

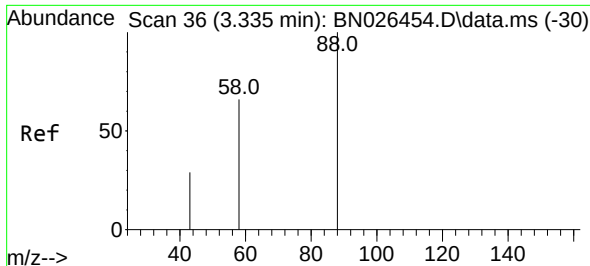
Instrument :
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Supervised By :mohammad ahmed 07/12/2023

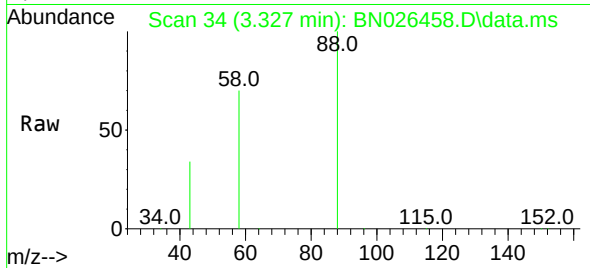
Quant Time: Jul 12 02:11:34 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 09 15:51:14 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 60.023 ng/ul
RT: 3.327 min Scan# 34
Delta R.T. -0.013 min
Lab File: BN026458.D
Acq: 11 Jul 2023 12:13

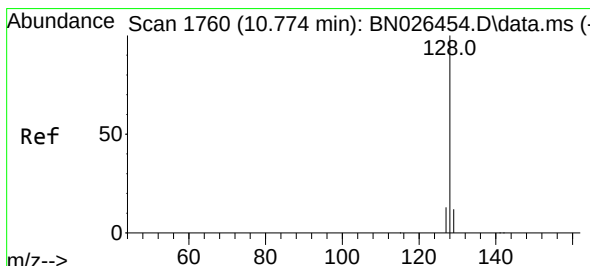
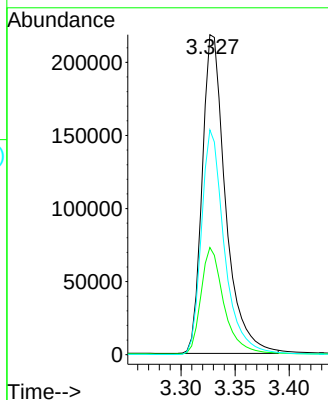
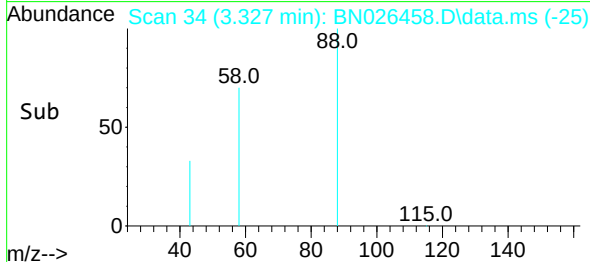
Instrument :
BNA_N
ClientSampleId :
HOA42MS



Tgt Ion: 88 Resp: 32815
Ion Ratio Lower Upper
88 100
43 33.5 29.5 44.3
58 70.2 37.4 56.2

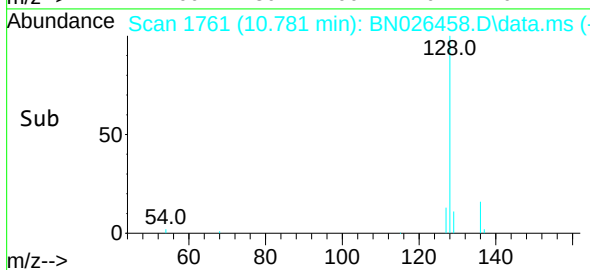
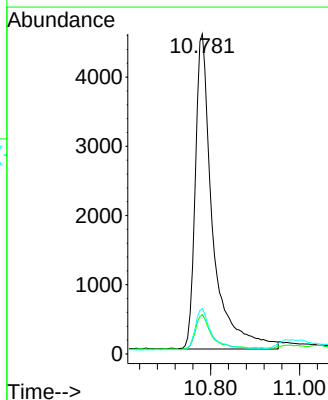
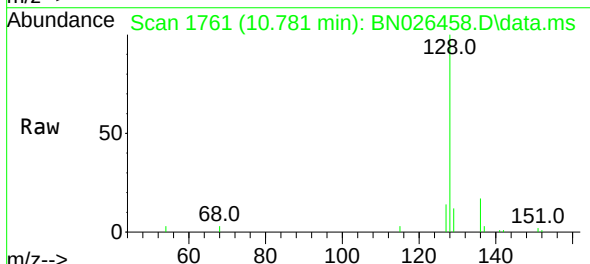
Manual Integrations
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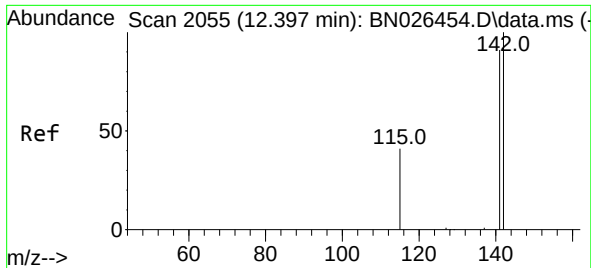
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#5
Naphthalene
Concen: 0.272 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. -0.005 min
Lab File: BN026458.D
Acq: 11 Jul 2023 12:13

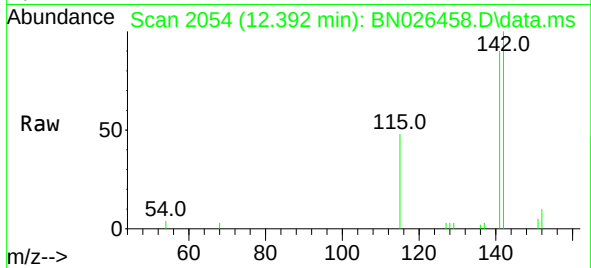
Tgt Ion:128 Resp: 12350
Ion Ratio Lower Upper
128 100
129 12.3 9.1 13.7
127 14.2 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.233 ng/ul
RT: 12.392 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN026458.D
Acq: 11 Jul 2023 12:13

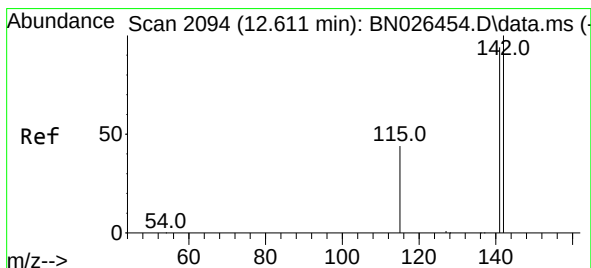
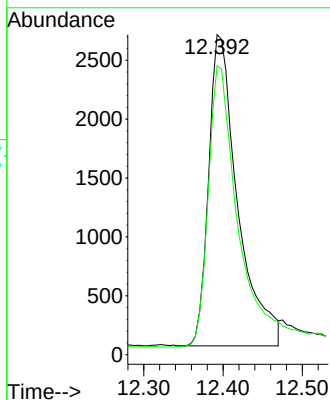
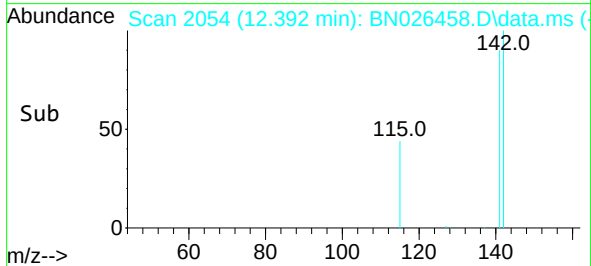
Instrument :
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ClientSampleId :
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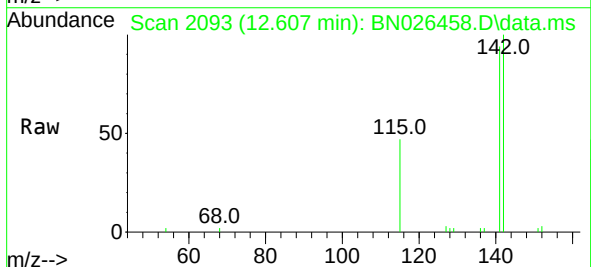
Tgt Ion:142 Resp: 6752
Ion Ratio Lower Upper
142 100
141 91.9 71.9 107.9

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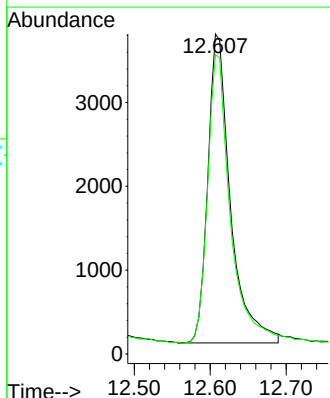
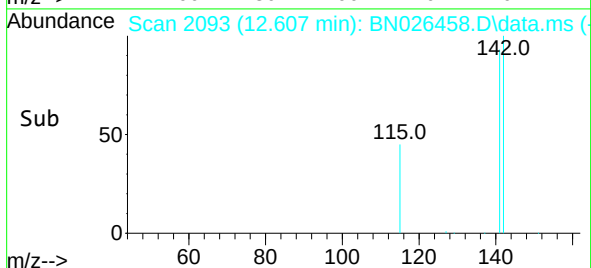
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

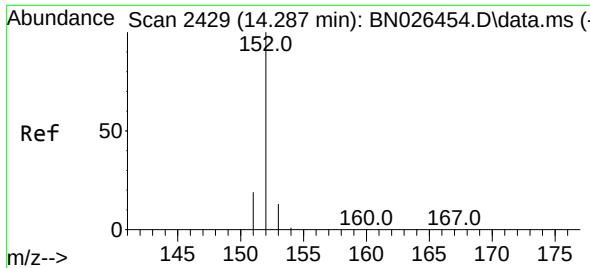


#8
1-Methylnaphthalene
Concen: 0.255 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. -0.011 min
Lab File: BN026458.D
Acq: 11 Jul 2023 12:13



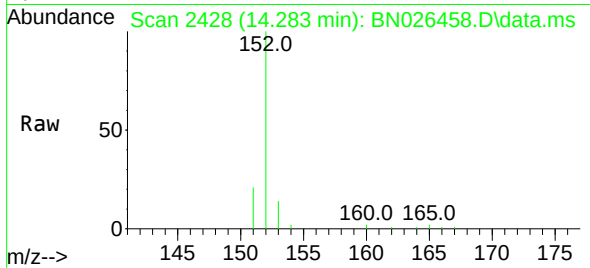
Tgt Ion:142 Resp: 7638
Ion Ratio Lower Upper
142 100
141 93.4 74.2 111.4





#10
Acenaphthylene
Concen: 0.292 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. -0.009 min
Lab File: BN026458.D
Acq: 11 Jul 2023 12:13

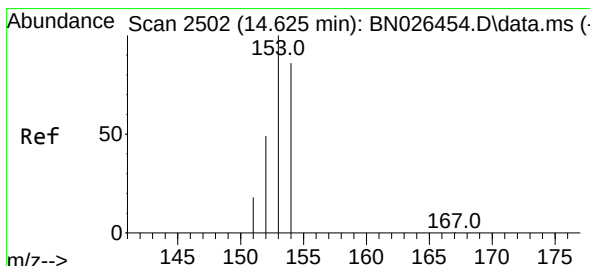
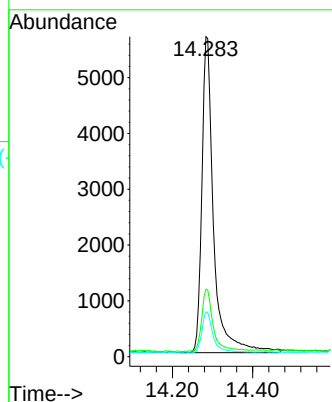
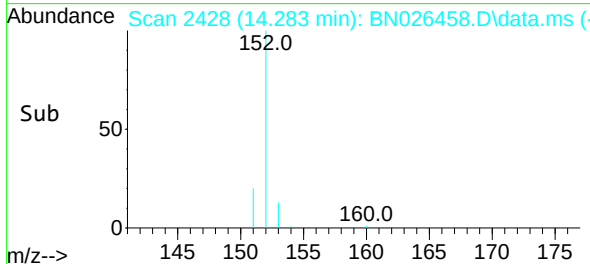
Instrument : BNA_N
ClientSampleId : HOA42MS



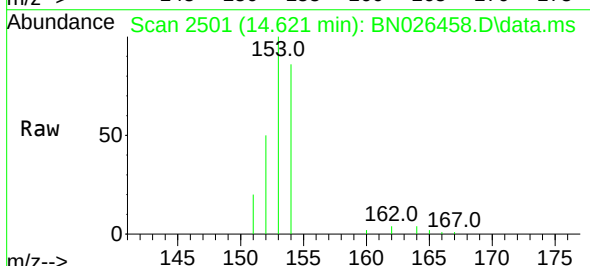
Tgt Ion:152 Resp: 11538
Ion Ratio Lower Upper
152 100
151 21.1 16.2 24.4
153 13.9 10.9 16.3

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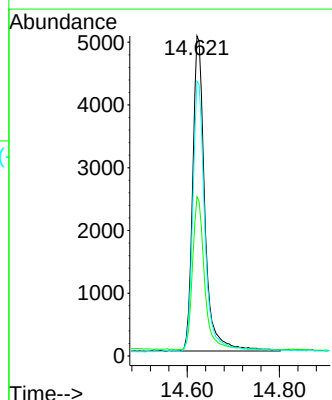
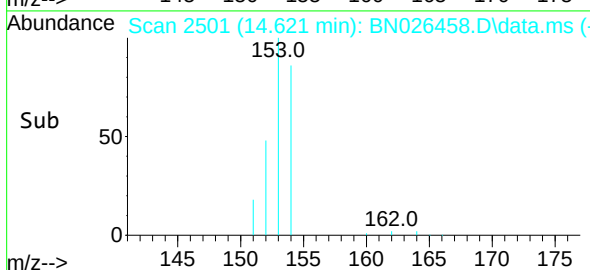
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

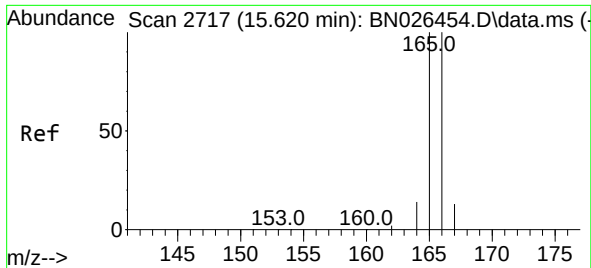


#11
Acenaphthene
Concen: 0.285 ng/ul
RT: 14.621 min Scan# 2501
Delta R.T. -0.009 min
Lab File: BN026458.D
Acq: 11 Jul 2023 12:13



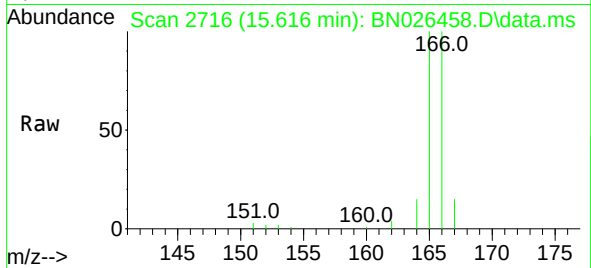
Tgt Ion:153 Resp: 9199
Ion Ratio Lower Upper
153 100
152 49.7 39.4 59.0
154 85.8 68.9 103.3





#12
 Fluorene
 Concen: 0.253 ng/ul
 RT: 15.616 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN026458.D
 Acq: 11 Jul 2023 12:13

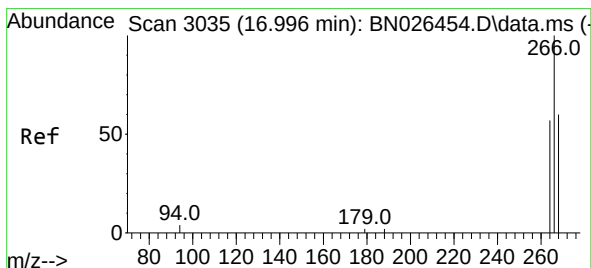
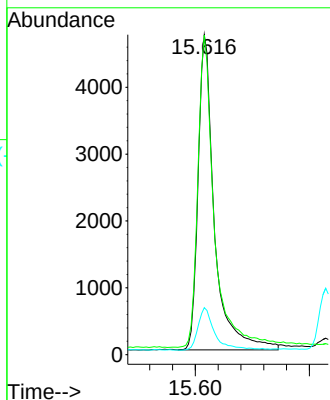
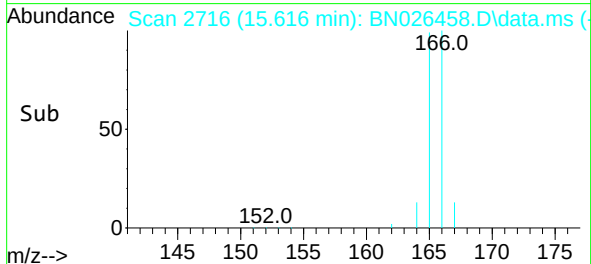
Instrument :
 BNA_N
 ClientSampleId :
 HOA42MS



Tgt Ion:166 Resp: 937
 Ion Ratio Lower Upper
 166 100
 165 99.8 79.9 119.9
 167 14.7 10.8 16.2

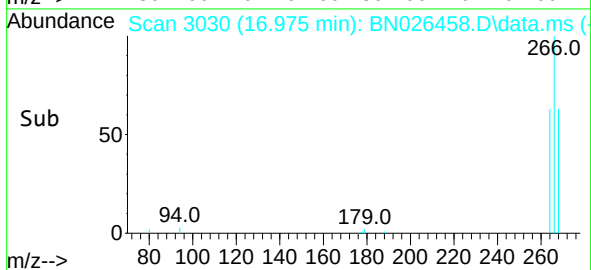
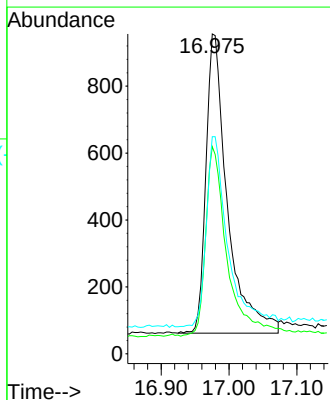
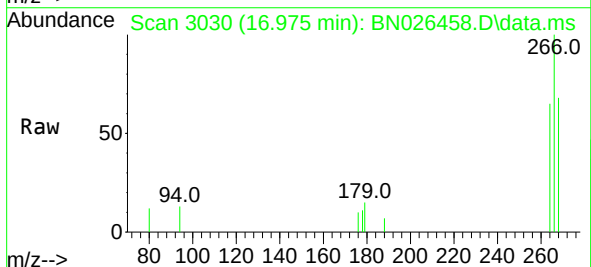
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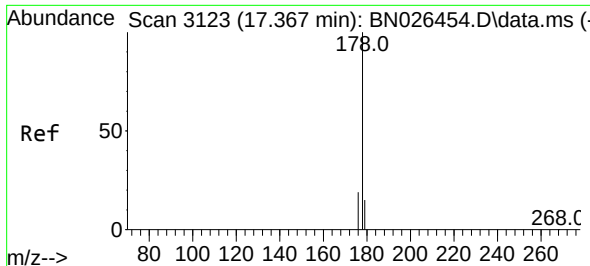
Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023



#14
 Pentachlorophenol
 Concen: 0.403 ng/ul
 RT: 16.975 min Scan# 3030
 Delta R.T. -0.021 min
 Lab File: BN026458.D
 Acq: 11 Jul 2023 12:13

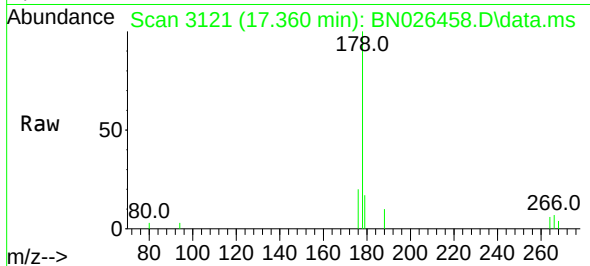
Tgt Ion:266 Resp: 1964
 Ion Ratio Lower Upper
 266 100
 264 62.7 50.5 75.7
 268 64.3 51.6 77.4





#15
Phenanthrene
Concen: 0.295 ng/ul
RT: 17.360 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BN026458.D
Acq: 11 Jul 2023 12:13

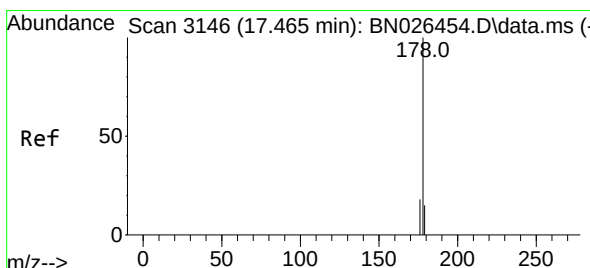
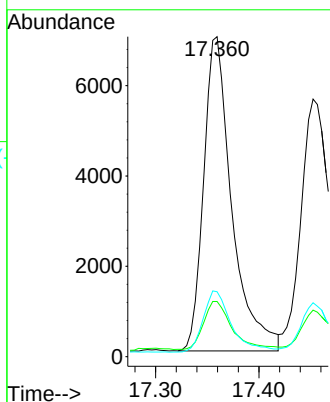
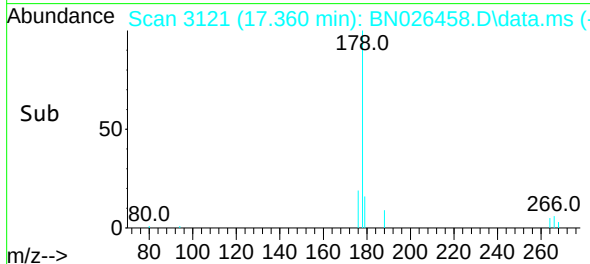
Instrument :
BNA_N
ClientSampleId :
HOA42MS



Tgt Ion:178 Resp: 1321
Ion Ratio Lower Upper
178 100
179 17.2 12.6 19.0
176 20.3 15.8 23.6

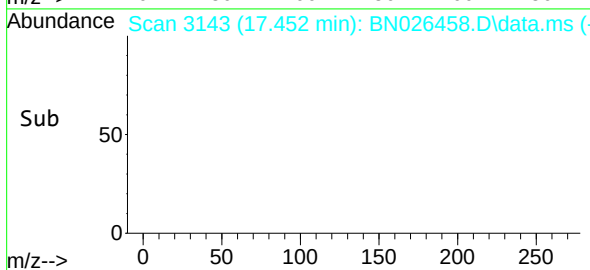
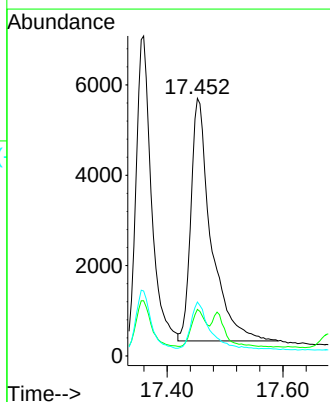
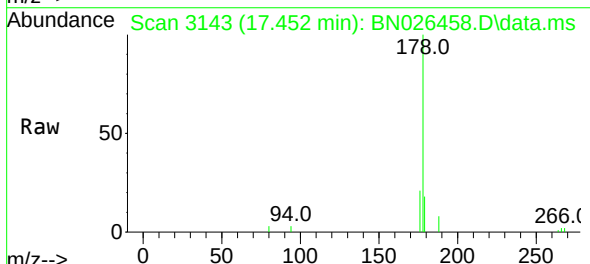
Manual Integrations
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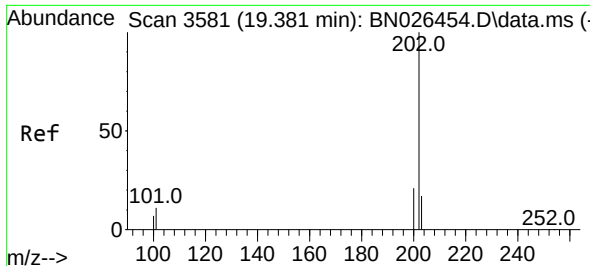
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#16
Anthracene
Concen: 0.326 ng/ul
RT: 17.452 min Scan# 3143
Delta R.T. -0.013 min
Lab File: BN026458.D
Acq: 11 Jul 2023 12:13

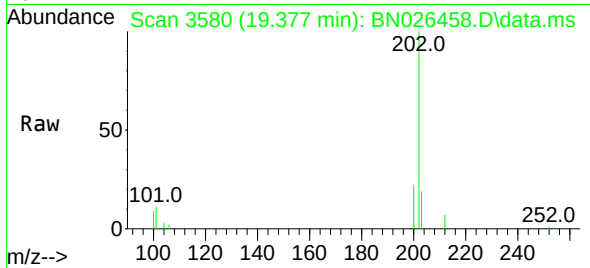
Tgt Ion:178 Resp: 13007
Ion Ratio Lower Upper
178 100
179 18.0 12.6 18.8
176 21.0 15.1 22.7





#19
Fluoranthene
Concen: 0.324 ng/uI
RT: 19.377 min Scan# 3580
Delta R.T. -0.009 min
Lab File: BN026458.D
Acq: 11 Jul 2023 12:13

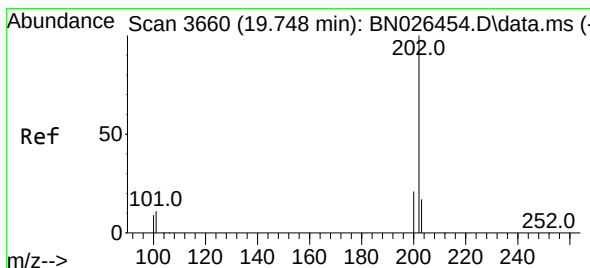
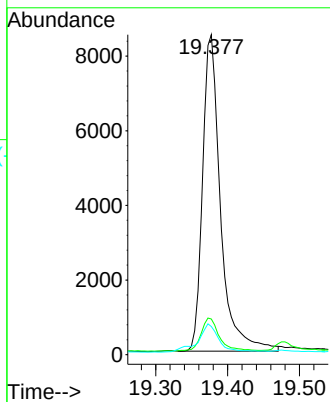
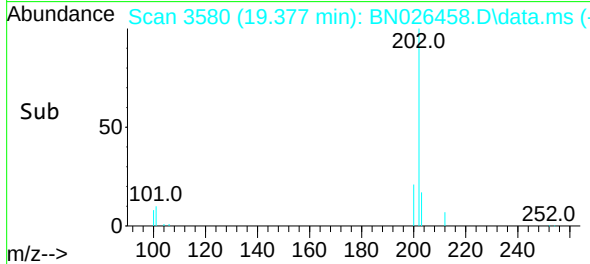
Instrument :
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HOA42MS



Tgt Ion:202 Resp: 14729
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.8 7.3 10.9

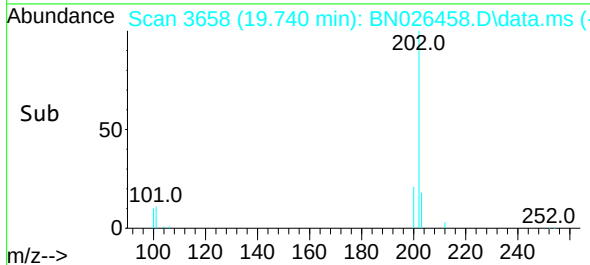
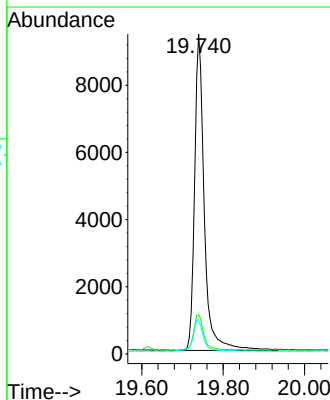
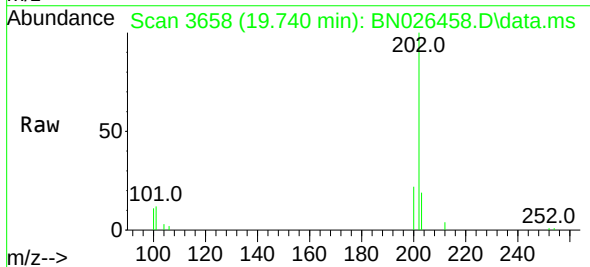
Manual Integrations
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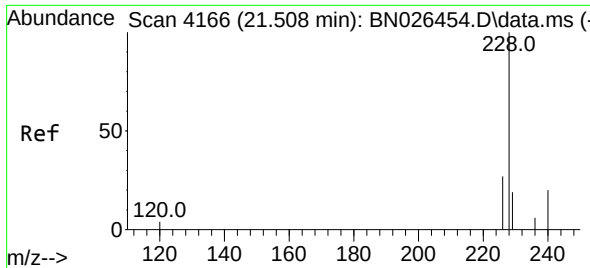
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#20
Pyrene
Concen: 0.329 ng/uI
RT: 19.740 min Scan# 3658
Delta R.T. -0.009 min
Lab File: BN026458.D
Acq: 11 Jul 2023 12:13

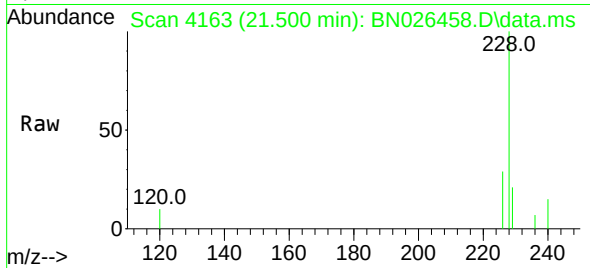
Tgt Ion:202 Resp: 15602
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.6 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.295 ng/u1
RT: 21.500 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BN026458.D
Acq: 11 Jul 2023 12:13

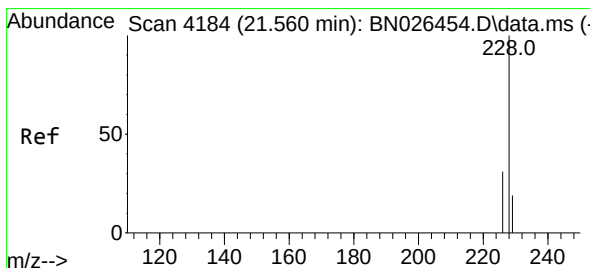
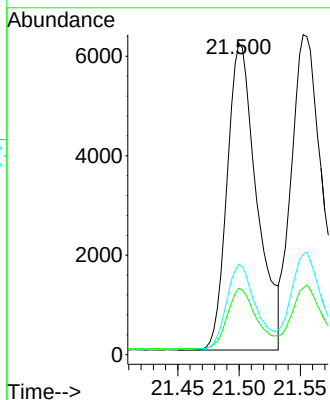
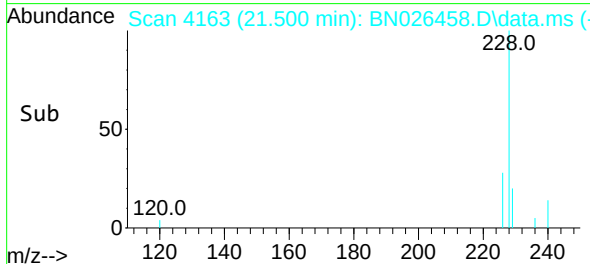
Instrument :
BNA_N
ClientSampleId :
HOA42MS



Tgt Ion:228 Resp: 1037
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.6
226 28.9 22.5 33.7

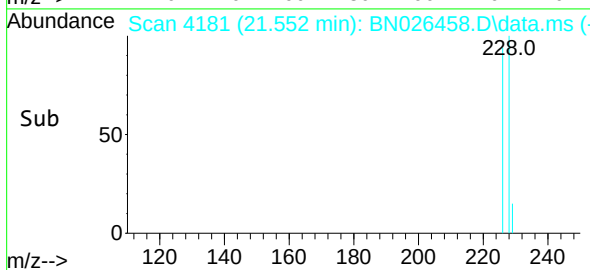
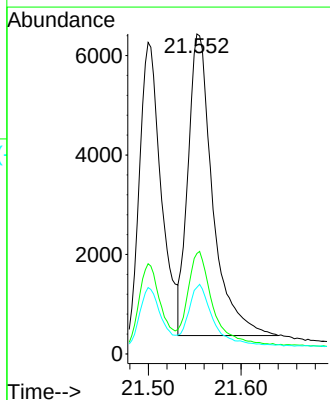
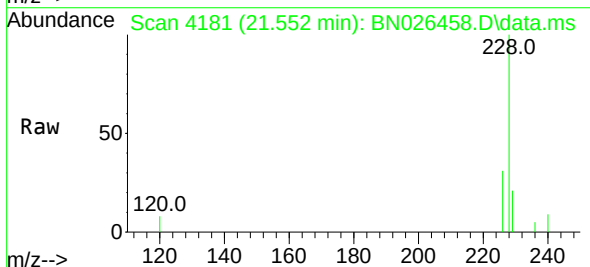
Manual Integrations
APPROVED

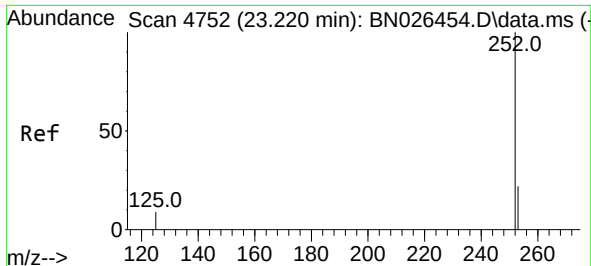
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#22
Chrysene
Concen: 0.306 ng/u1
RT: 21.552 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BN026458.D
Acq: 11 Jul 2023 12:13

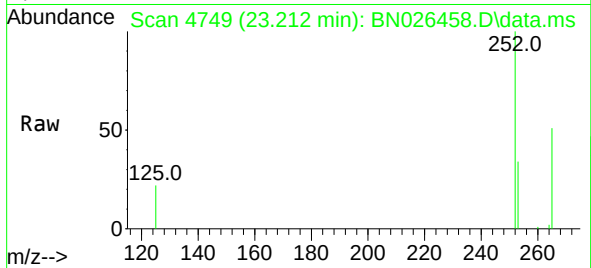
Tgt Ion:228 Resp: 11201
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 20.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.310 ng/ul
RT: 23.212 min Scan# 4752
Delta R.T. -0.006 min
Lab File: BN026458.D
Acq: 11 Jul 2023 12:13

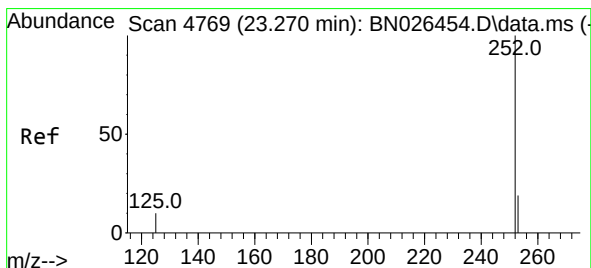
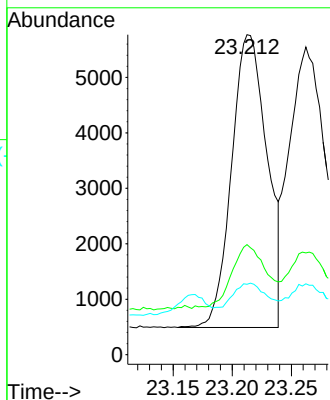
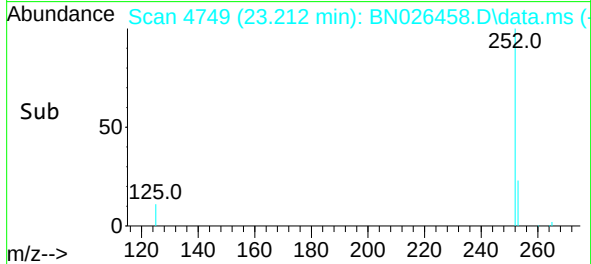
Instrument :
BNA_N
ClientSampleId :
HOA42MS



Tgt Ion:252 Resp: 1103
Ion Ratio Lower Upper
252 100
253 34.4 0.0 55.6
125 22.0 0.0 35.8

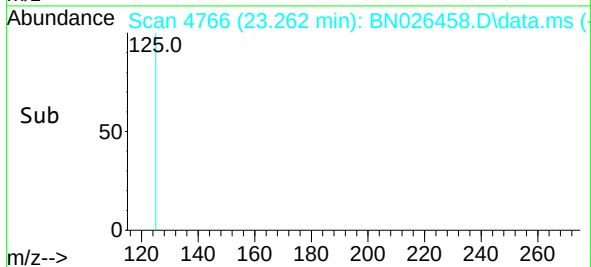
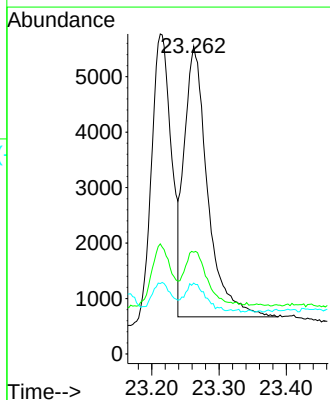
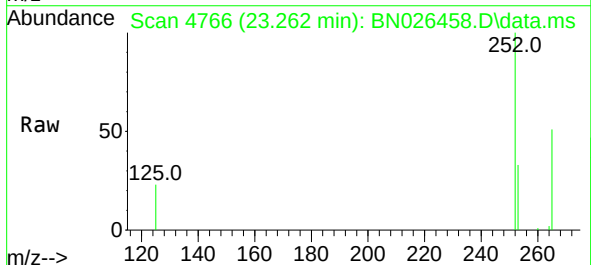
Manual Integrations
APPROVED

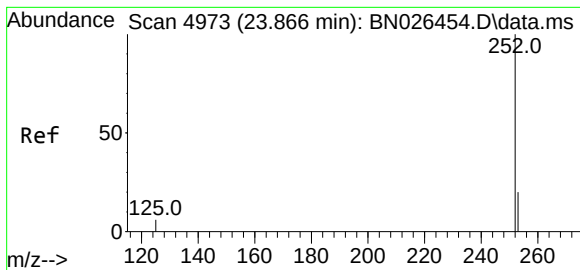
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#25
Benzo(k)fluoranthene
Concen: 0.331 ng/ul
RT: 23.262 min Scan# 4766
Delta R.T. 0.000 min
Lab File: BN026458.D
Acq: 11 Jul 2023 12:13

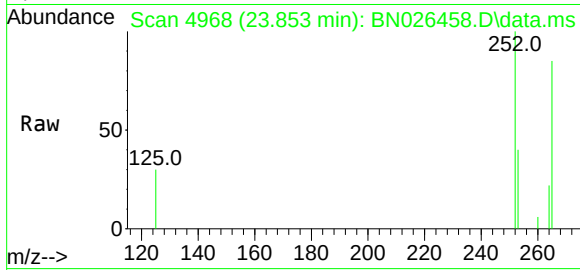
Tgt Ion:252 Resp: 11832
Ion Ratio Lower Upper
252 100
253 33.1 23.2 34.8
125 23.1 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.311 ng/ul
RT: 23.853 min Scan# 4973
Delta R.T. -0.017 min
Lab File: BN026458.D
Acq: 11 Jul 2023 12:13

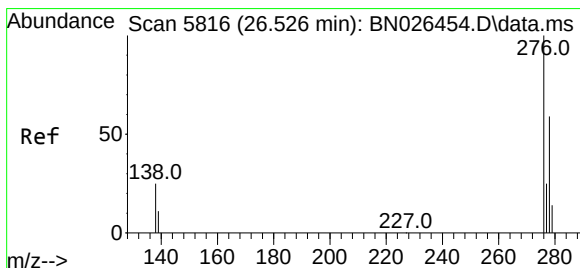
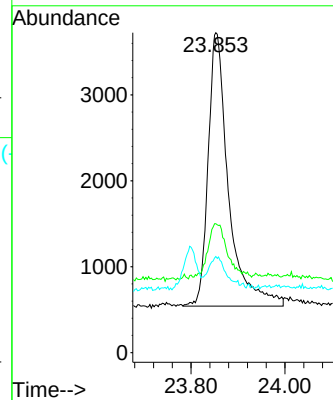
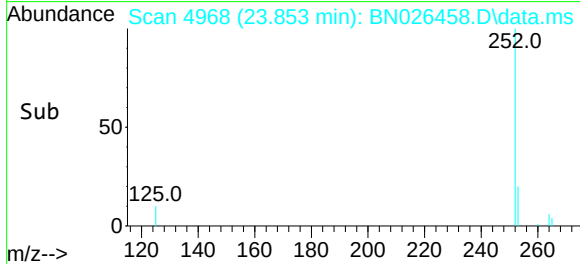
Instrument :
BNA_N
ClientSampleId :
HOA42MS



Tgt Ion:252 Resp: 962
Ion Ratio Lower Upper
252 100
253 40.3 26.0 39.0
125 30.0 17.3 25.9

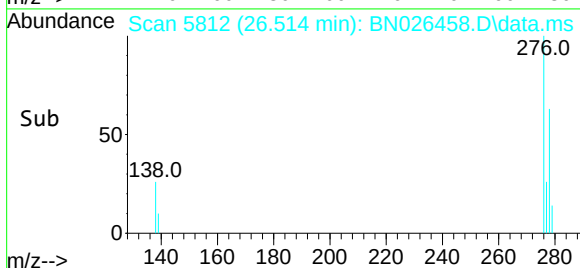
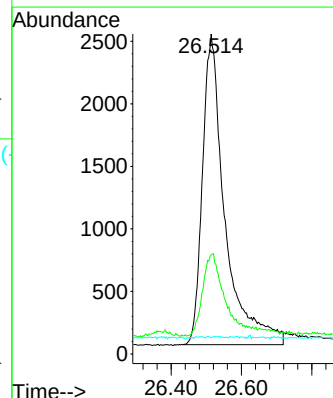
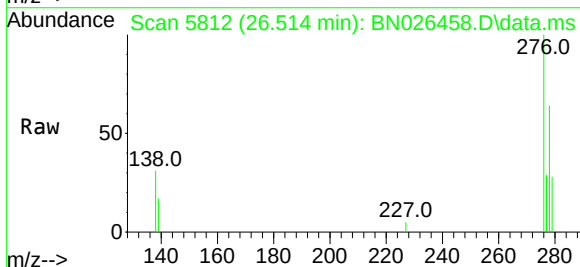
Manual Integrations
APPROVED

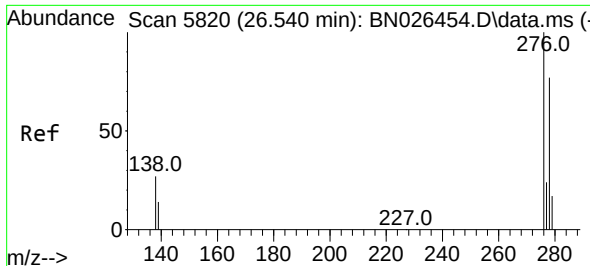
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng/ul
RT: 26.514 min Scan# 5812
Delta R.T. -0.027 min
Lab File: BN026458.D
Acq: 11 Jul 2023 12:13

Tgt Ion:276 Resp: 11021
Ion Ratio Lower Upper
276 100
138 28.0 24.5 36.7
227 0.4 0.0 0.0





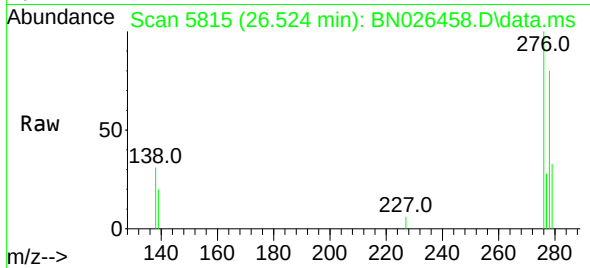
#28
Dibenzo(a,h)anthracene
Concen: 0.327 ng/ul
RT: 26.524 min Scan# 5815
Delta R.T. -0.037 min
Lab File: BN026458.D
Acq: 11 Jul 2023 12:13

Instrument :

BNA_N

ClientSampleId :

HOA42MS



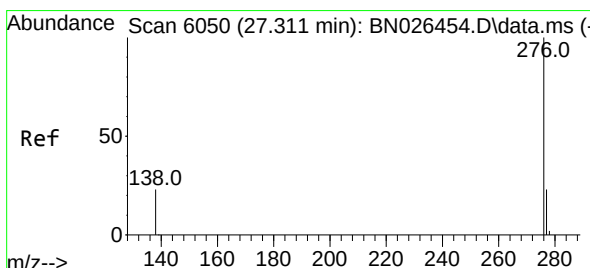
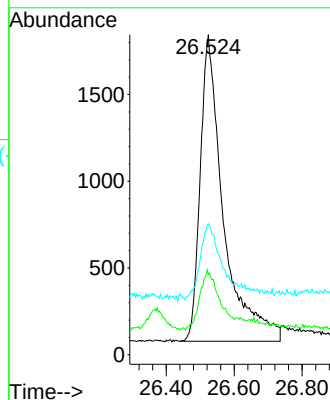
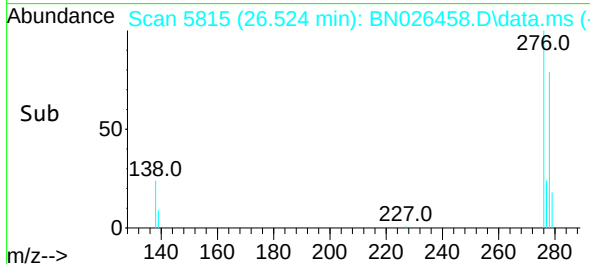
Tgt Ion:278 Resp: 8360
Ion Ratio Lower Upper
278 100
139 25.1 19.0 28.4
279 40.9 26.7 40.1

Manual Integrations

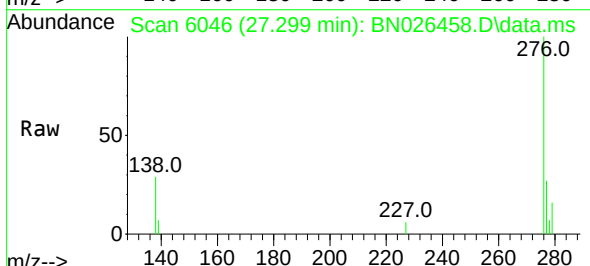
APPROVED

Reviewed By :Yogesh Patel 07/12/2023

Supervised By :mohammad ahmed 07/12/2023



#29
Benzo(g,h,i)perylene
Concen: 0.339 ng/ul
RT: 27.299 min Scan# 6046
Delta R.T. -0.037 min
Lab File: BN026458.D
Acq: 11 Jul 2023 12:13



Tgt Ion:276 Resp: 10179
Ion Ratio Lower Upper
276 100
138 29.3 23.4 35.0
277 27.1 20.0 30.0

