

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070823\
 Data File : BN026401.D
 Acq On : 09 Jul 2023 00:46
 Operator : MA/JU
 Sample : 03351-03MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YBW10MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023

Quant Time: Jul 09 02:44:41 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 : Sat Jul 08 09:20:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	3900	0.400	ng/ul	0.00
4) Naphthalene-d8	10.730	136	16444	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.570	164	9587	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	17824	0.400	ng/ul	0.00
17) Chrysene-d12	21.519	240	10174	0.400	ng/ul	0.00
23) Perylene-d12	23.969	264	11362	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	22911	5.216	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.331	152	6641	0.263	ng/ul	0.00
18) Fluoranthene-d10	19.353	212	11585	0.299	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	6119	1.312	ng/ul#	89
5) Naphthalene	10.780	128	13322	0.283	ng/ul	98
7) 2-Methylnaphthalene	12.402	142	8048	0.268	ng/ul	99
8) 1-Methylnaphthalene	12.617	142	8460	0.272	ng/ul	99
10) Acenaphthylene	14.288	152	14930	0.333	ng/ul	100
11) Acenaphthene	14.630	153	10057	0.274	ng/ul	100
12) Fluorene	15.615	166	11525	0.274	ng/ul	99
14) Pentachlorophenol	16.983	266	1573	0.246	ng/ul	98
15) Phenanthrene	17.359	178	16759	0.285	ng/ul	99
16) Anthracene	17.452	178	15495	0.296	ng/ul	97
19) Fluoranthene	19.381	202	16405	0.302	ng/ul	99
20) Pyrene	19.744	202	16743m	0.296	ng/ul	
21) Benzo(a)anthracene	21.505	228	12065	0.287	ng/ul	99
22) Chrysene	21.554	228	12936	0.296	ng/ul	99
24) Benzo(b)fluoranthene	23.220	252	12859	0.265	ng/ul	92
25) Benzo(k)fluoranthene	23.264	252	12910	0.265	ng/ul#	90
26) Benzo(a)pyrene	23.864	252	10637	0.253	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.550	276	12323	0.268	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.563	278	9518	0.273	ng/ul#	92
29) Benzo(g,h,i)perylene	27.348	276	9817	0.240	ng/ul#	91

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

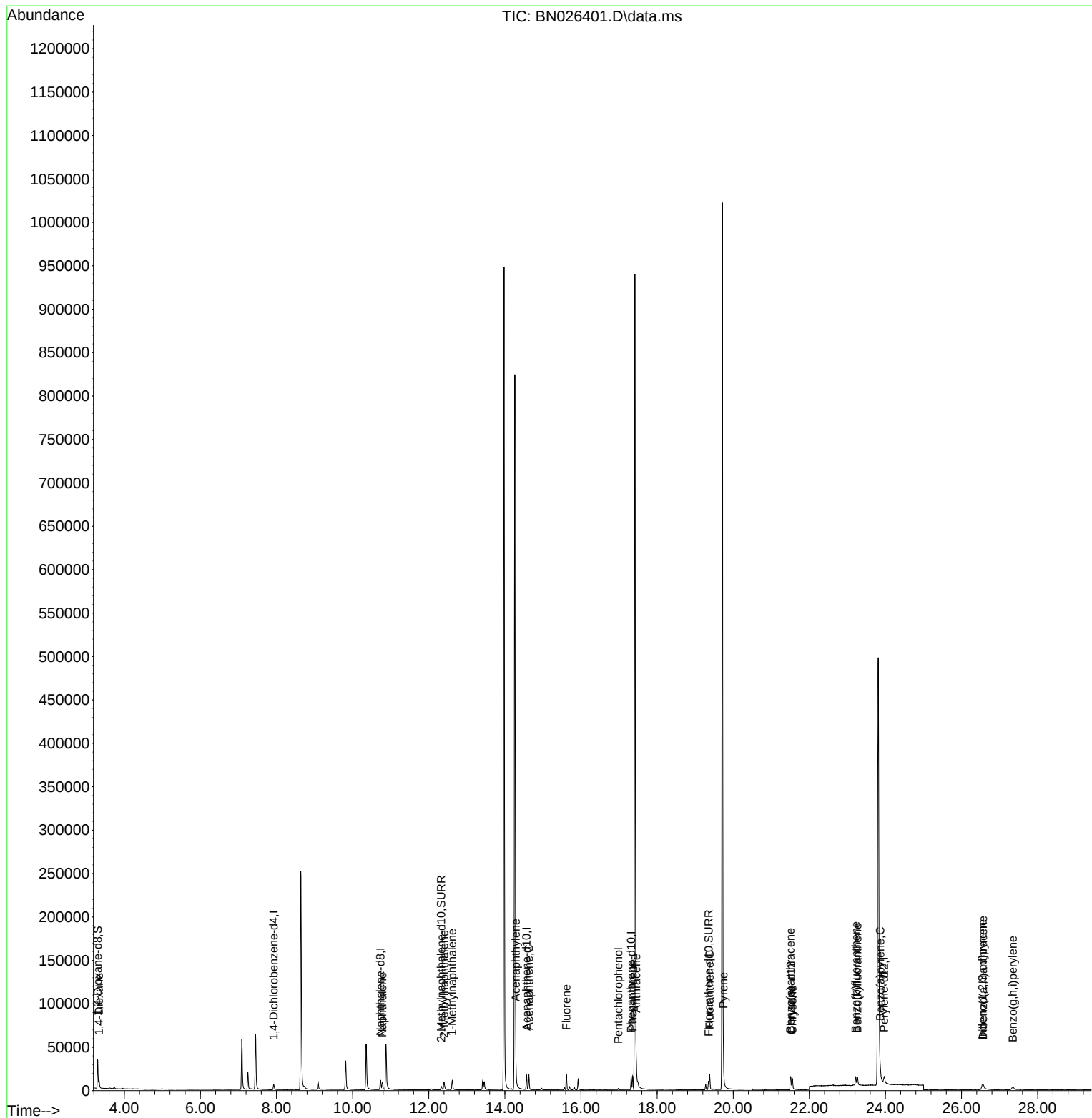
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070823\
Data File : BN026401.D
Acq On : 09 Jul 2023 00:46
Operator : MA/JU
Sample : 03351-03MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

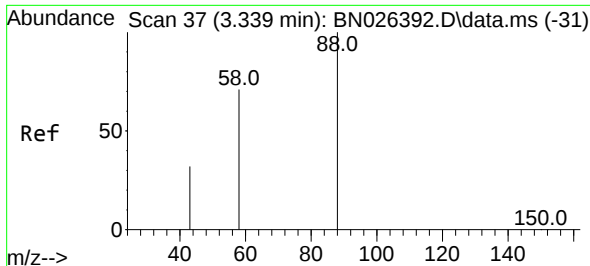
Instrument :
BNA_N
ClientSampleId :
YBW10MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023

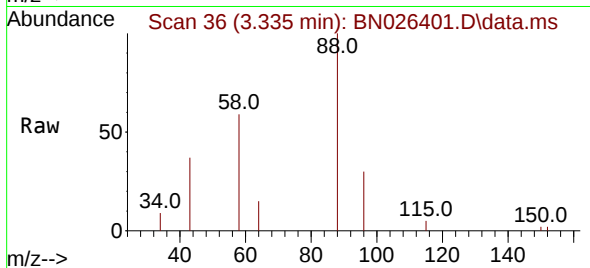
Quant Time: Jul 09 02:44:41 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 08 09:20:18 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.312 ng/ul
RT: 3.335 min Scan# 30
Delta R.T. -0.008 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46

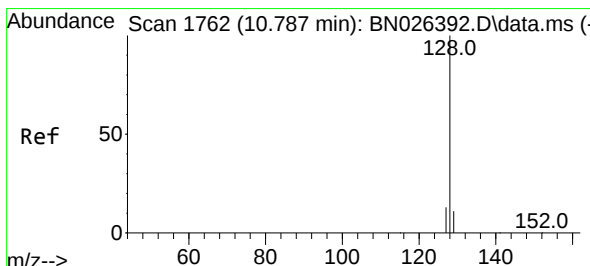
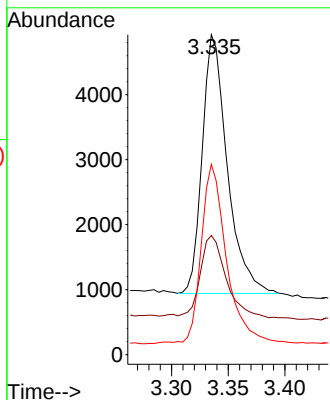
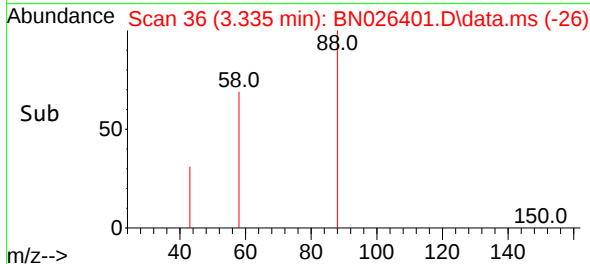
Instrument :
BNA_N
ClientSampleId :
YBW10MSD



Tgt Ion: 88 Resp: 6119
Ion Ratio Lower Upper
88 100
43 37.3 29.5 44.3
58 59.5 37.4 56.2

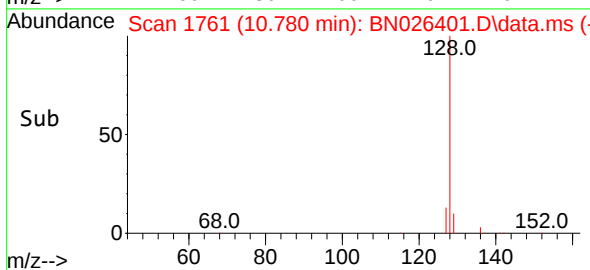
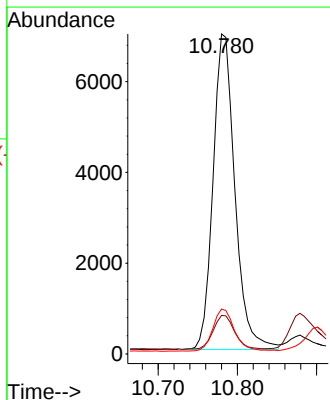
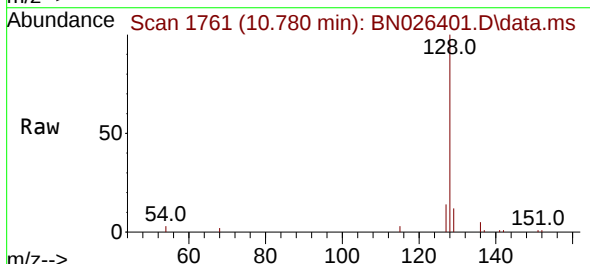
Manual Integrations
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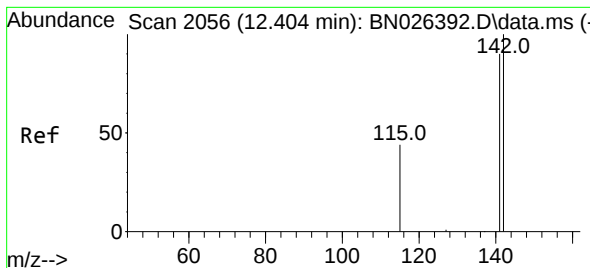
Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023



#5
Naphthalene
Concen: 0.283 ng/ul
RT: 10.780 min Scan# 1761
Delta R.T. -0.011 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46

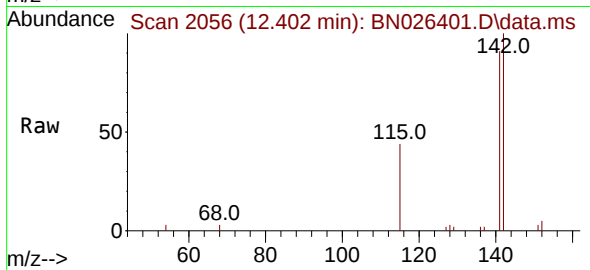
Tgt Ion:128 Resp: 13322
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 14.0 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.268 ng/ul
RT: 12.402 min Scan# 2056
Delta R.T. -0.005 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46

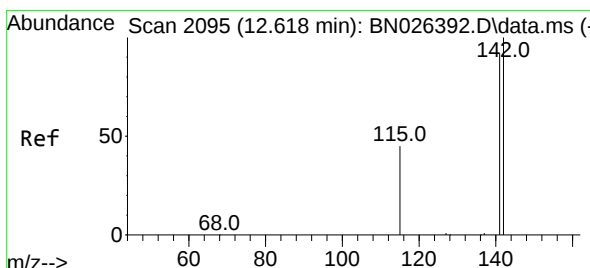
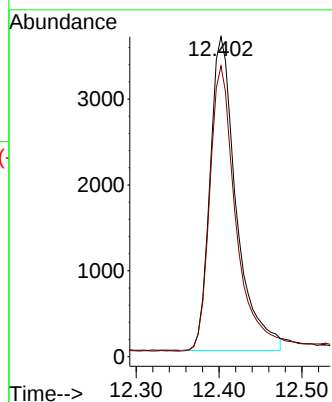
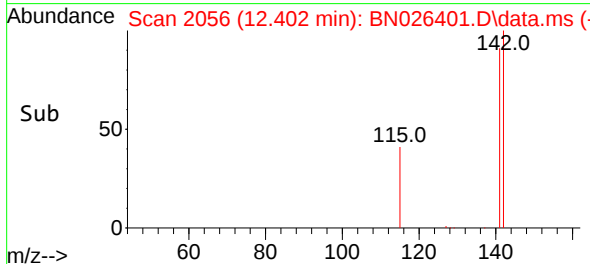
Instrument :
BNA_N
ClientSampleId :
YBW10MSD



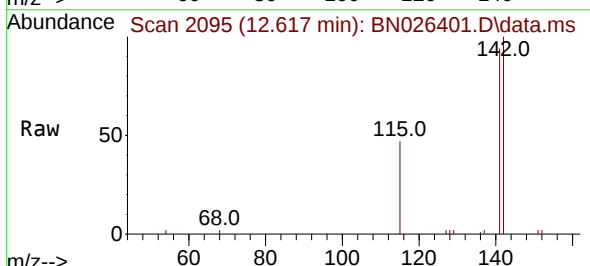
Tgt Ion:142 Resp: 8048
Ion Ratio Lower Upper
142 100
141 90.5 71.9 107.9

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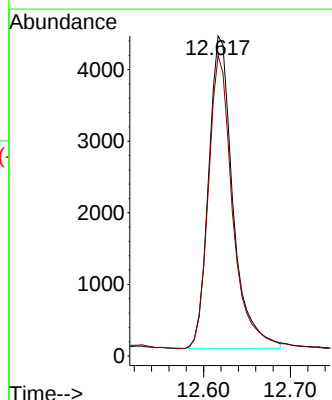
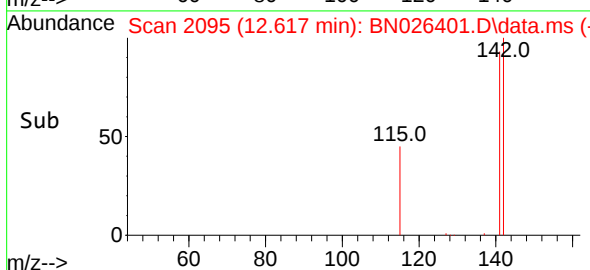
Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023

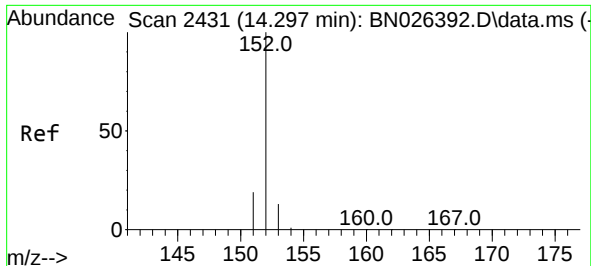


#8
1-Methylnaphthalene
Concen: 0.272 ng/ul
RT: 12.617 min Scan# 2095
Delta R.T. -0.005 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46



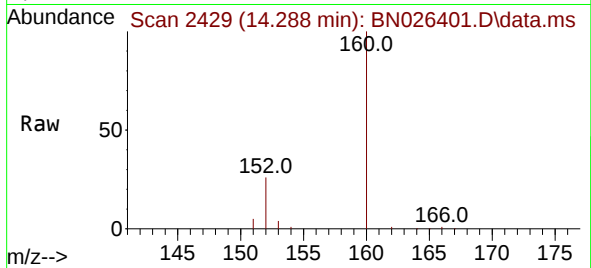
Tgt Ion:142 Resp: 8460
Ion Ratio Lower Upper
142 100
141 93.4 74.2 111.4





#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 14.288 min Scan# 2431
Delta R.T. -0.009 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46

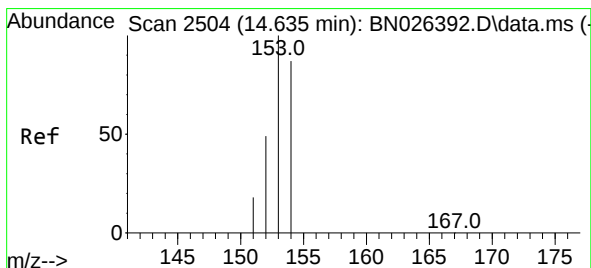
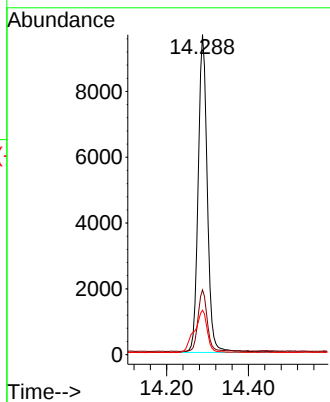
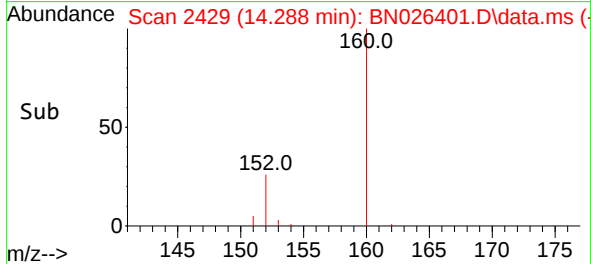
Instrument :
BNA_N
ClientSampleId :
YBW10MSD



Tgt Ion:152 Resp: 14930
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.9 10.9 16.3

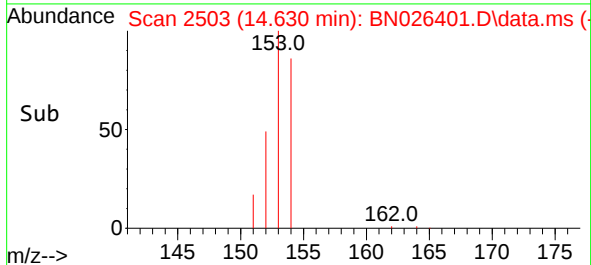
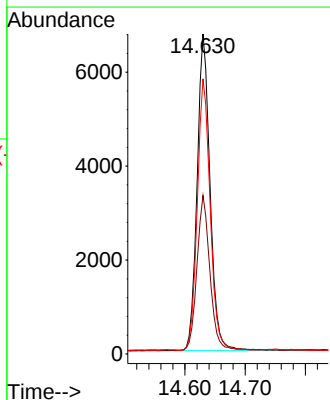
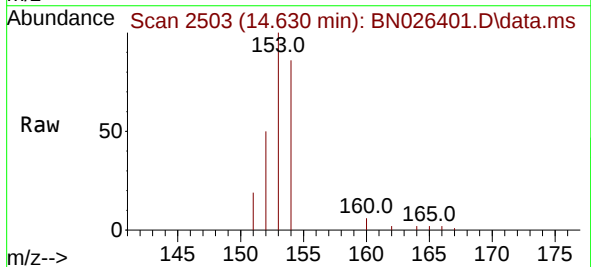
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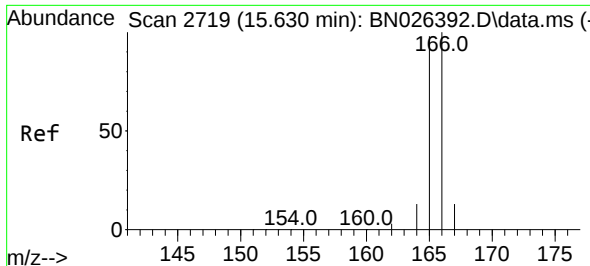
Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023



#11
Acenaphthene
Concen: 0.274 ng/ul
RT: 14.630 min Scan# 2503
Delta R.T. -0.005 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46

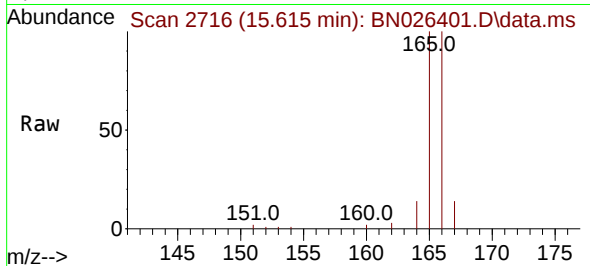
Tgt Ion:153 Resp: 10057
Ion Ratio Lower Upper
153 100
152 49.6 39.4 59.0
154 86.0 68.9 103.3





#12
Fluorene
Concen: 0.274 ng/ul
RT: 15.615 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46

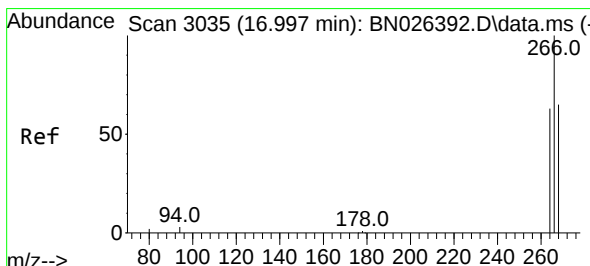
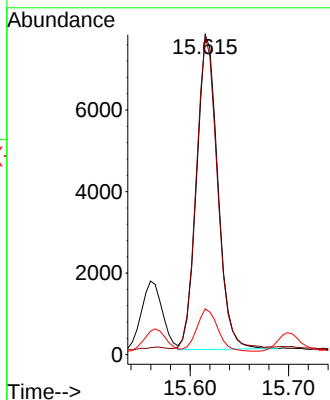
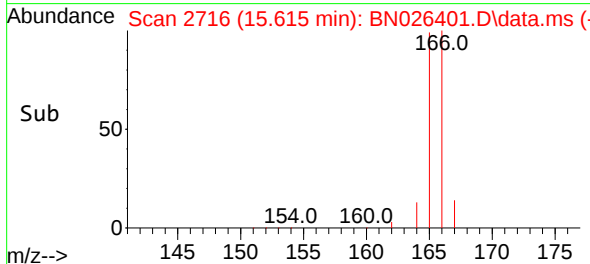
Instrument :
BNA_N
ClientSampleId :
YBW10MSD



Tgt Ion:166 Resp: 1152
Ion Ratio Lower Upper
166 100
165 99.6 79.9 119.9
167 14.3 10.8 16.2

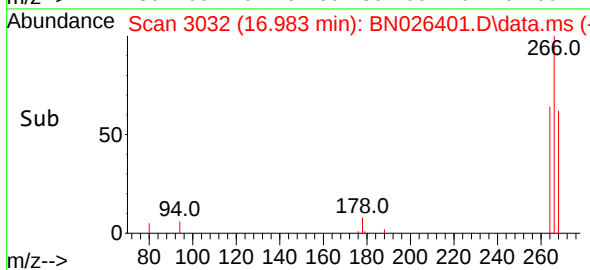
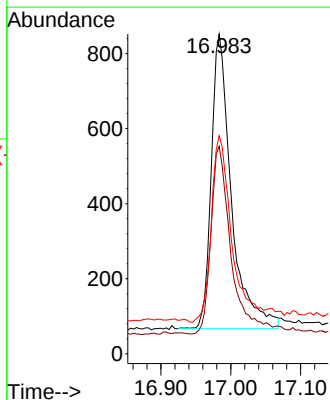
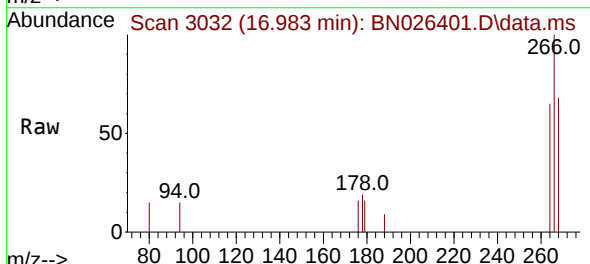
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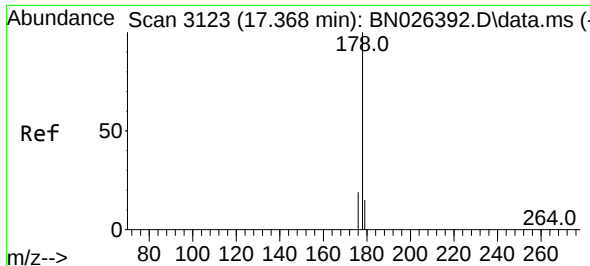
Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023



#14
Pentachlorophenol
Concen: 0.246 ng/ul
RT: 16.983 min Scan# 3032
Delta R.T. -0.013 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46

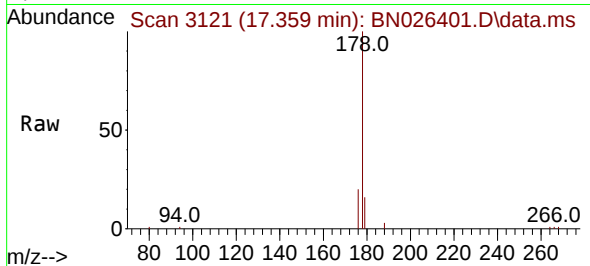
Tgt Ion:266 Resp: 1573
Ion Ratio Lower Upper
266 100
264 64.0 50.5 75.7
268 66.8 51.6 77.4





#15
Phenanthrene
Concen: 0.285 ng/ul
RT: 17.359 min Scan# 3121
Delta R.T. -0.013 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46

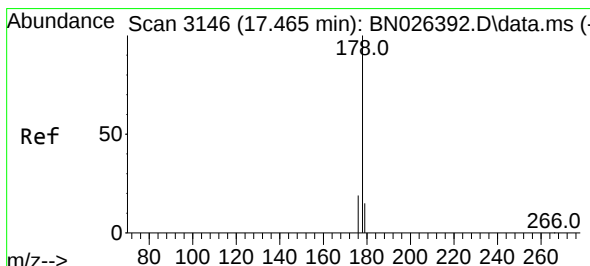
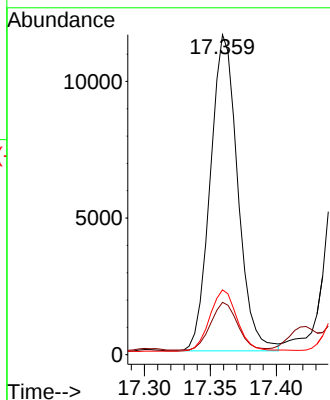
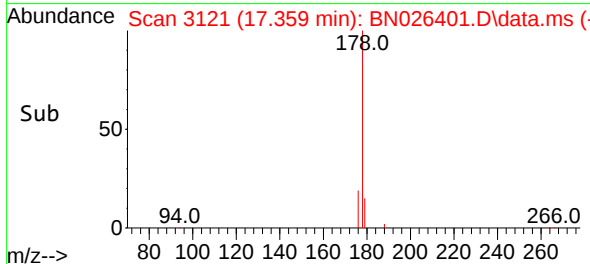
Instrument :
BNA_N
ClientSampleId :
YBW10MSD



Tgt Ion:178 Resp: 16759
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 20.3 15.8 23.6

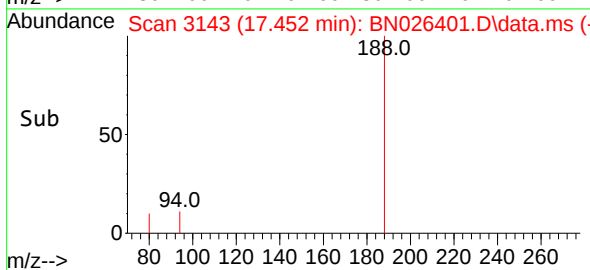
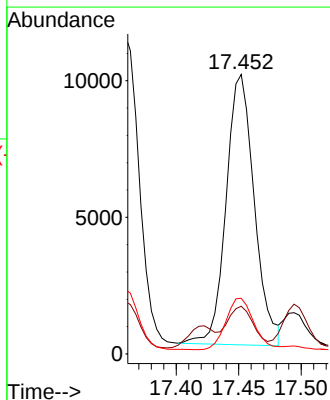
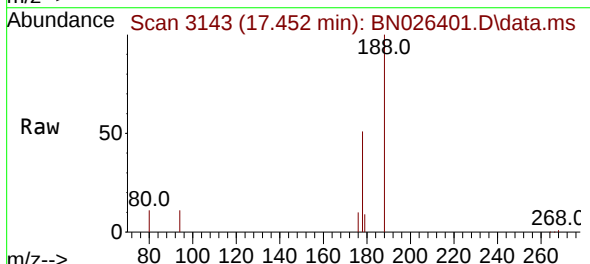
Manual Integrations
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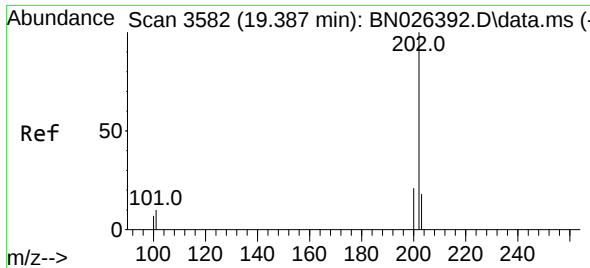
Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023



#16
Anthracene
Concen: 0.296 ng/ul
RT: 17.452 min Scan# 3143
Delta R.T. -0.013 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46

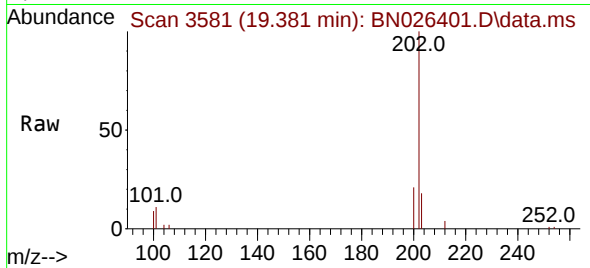
Tgt Ion:178 Resp: 15495
Ion Ratio Lower Upper
178 100
179 17.1 12.6 18.8
176 19.9 15.1 22.7





#19
Fluoranthene
Concen: 0.302 ng/ul
RT: 19.381 min Scan# 3581
Delta R.T. -0.005 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46

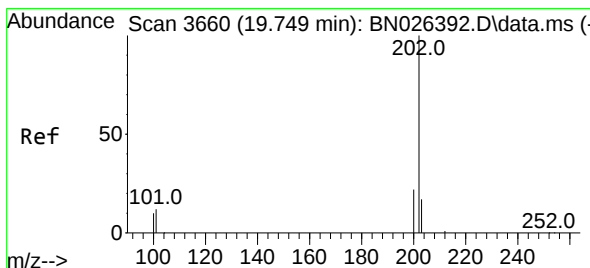
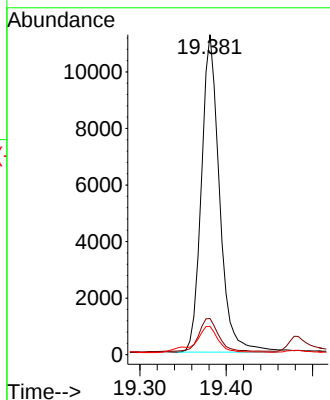
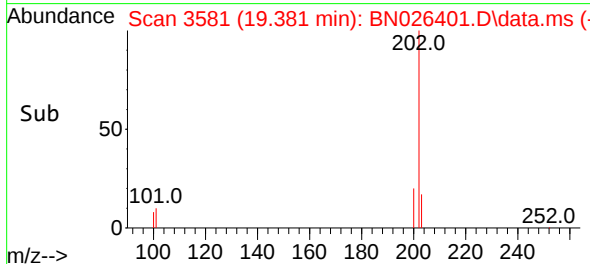
Instrument :
BNA_N
ClientSampleId :
YBW10MSD



Tgt Ion:202 Resp: 16405
Ion Ratio Lower Upper
202 100
101 11.3 9.5 14.3
100 8.9 7.3 10.9

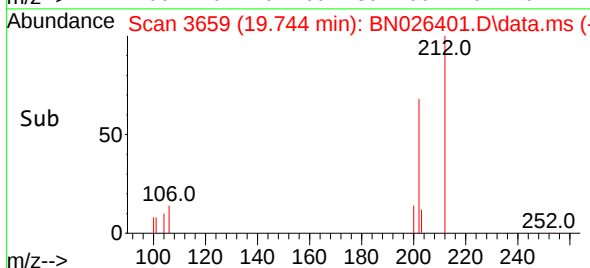
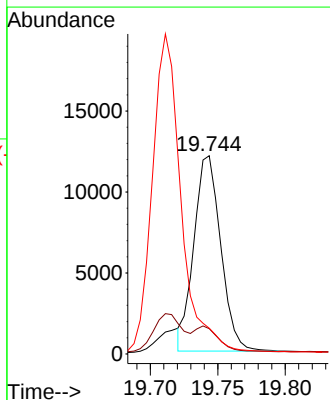
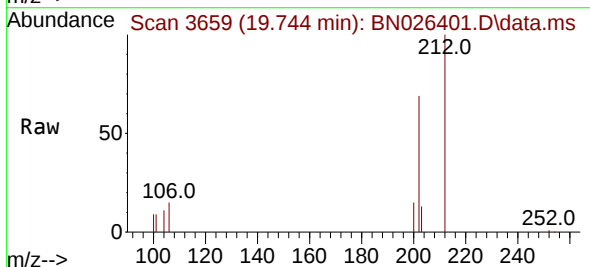
Manual Integrations
APPROVED

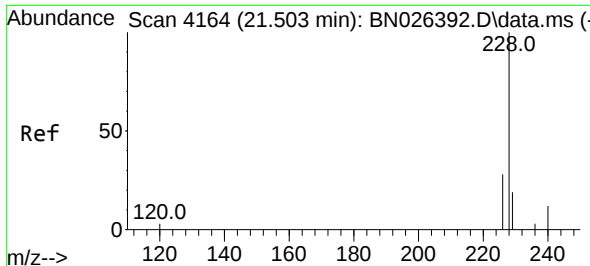
Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023



#20
Pyrene
Concen: 0.296 ng/ul m
RT: 19.744 min Scan# 3659
Delta R.T. -0.009 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46

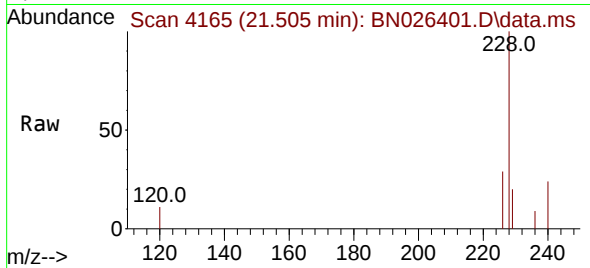
Tgt Ion:202 Resp: 16743
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 13.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.287 ng/ul
RT: 21.505 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46

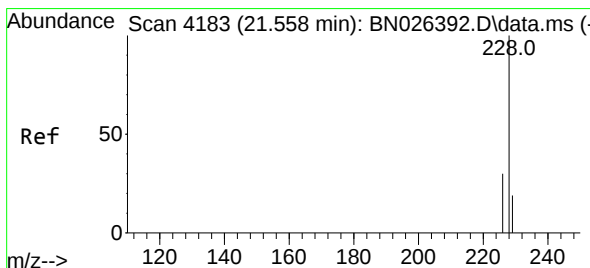
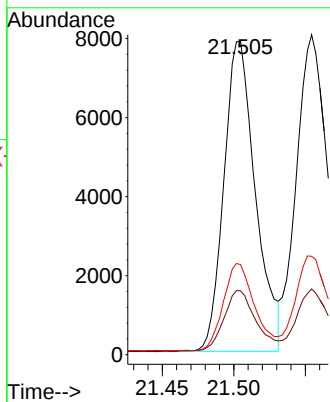
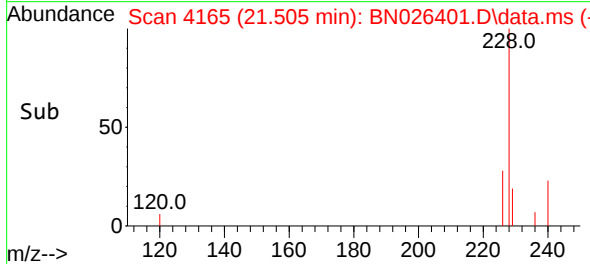
Instrument :
BNA_N
ClientSampleId :
YBW10MSD



Tgt Ion:228 Resp: 12065
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 28.7 22.5 33.7

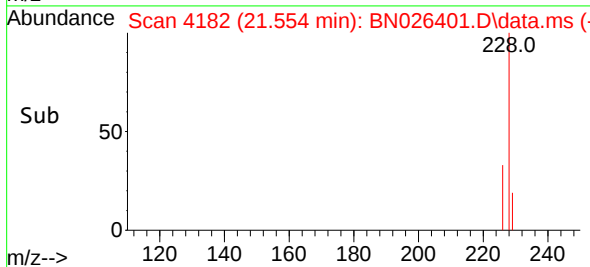
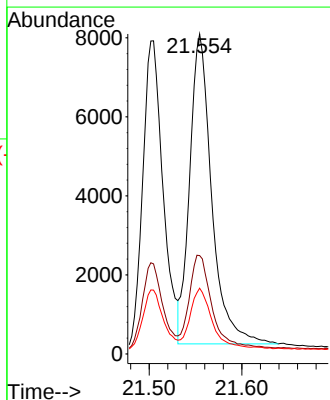
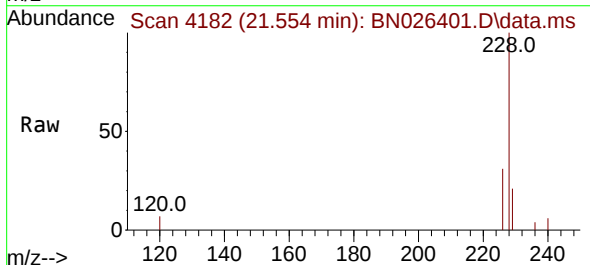
Manual Integrations
APPROVED

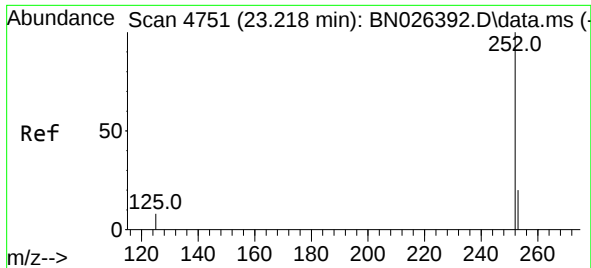
Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023



#22
Chrysene
Concen: 0.296 ng/ul
RT: 21.554 min Scan# 4182
Delta R.T. -0.009 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46

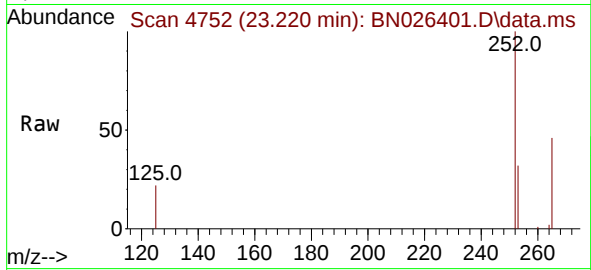
Tgt Ion:228 Resp: 12936
Ion Ratio Lower Upper
228 100
226 30.7 24.8 37.2
229 20.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.265 ng/ul
RT: 23.220 min Scan# 4751
Delta R.T. -0.006 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46

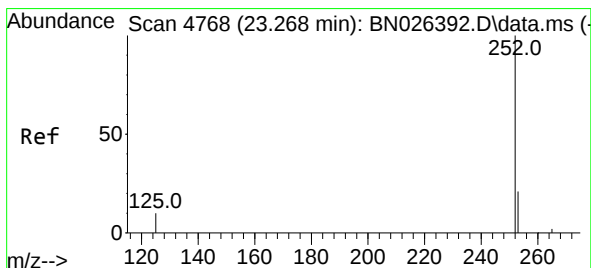
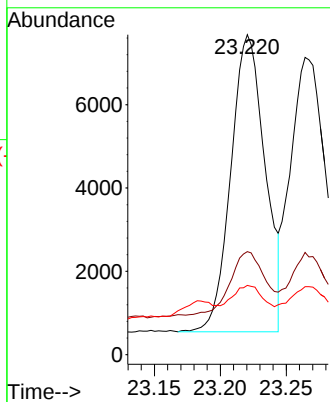
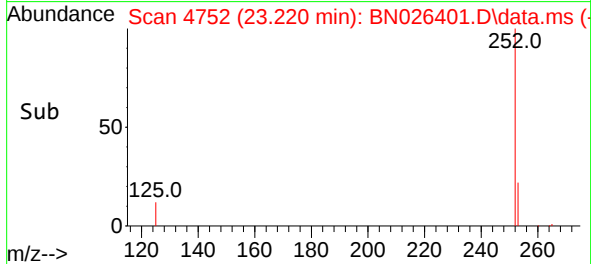
Instrument :
BNA_N
ClientSampleId :
YBW10MSD



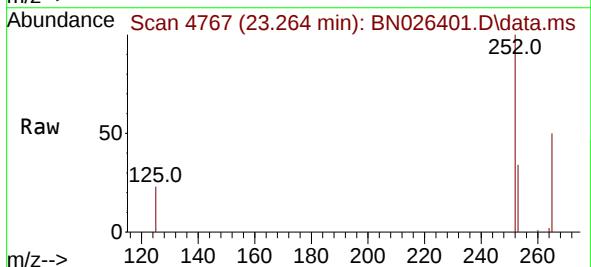
Tgt Ion:252 Resp: 12859
Ion Ratio Lower Upper
252 100
253 32.2 0.0 55.6
125 21.7 0.0 35.8

Manual Integrations
APPROVED

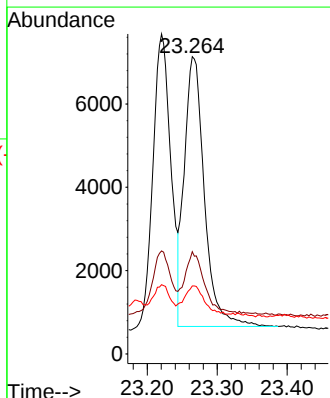
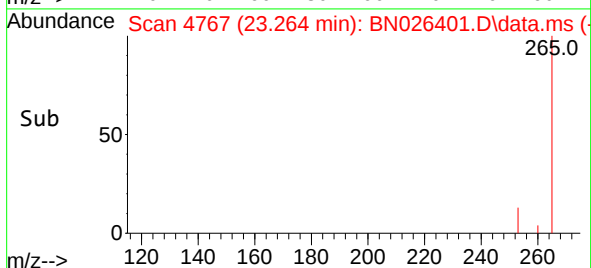
Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023

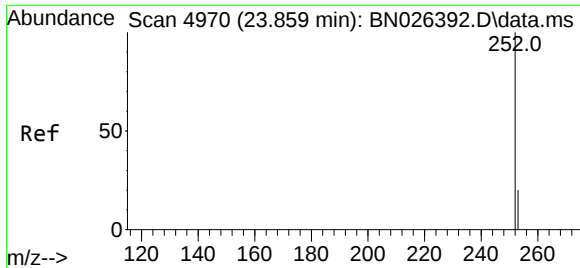


#25
Benzo(k)fluoranthene
Concen: 0.265 ng/ul
RT: 23.264 min Scan# 4767
Delta R.T. -0.009 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46



Tgt Ion:252 Resp: 12910
Ion Ratio Lower Upper
252 100
253 34.4 23.2 34.8
125 22.9 15.0 22.4





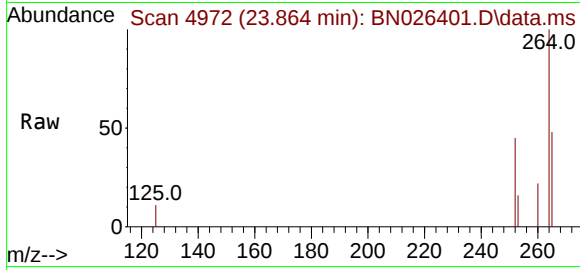
#26
Benzo(a)pyrene
Concen: 0.253 ng/ul
RT: 23.864 min Scan# 4970
Delta R.T. -0.003 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46

Instrument :

BNA_N

ClientSampleId :

YBW10MSD



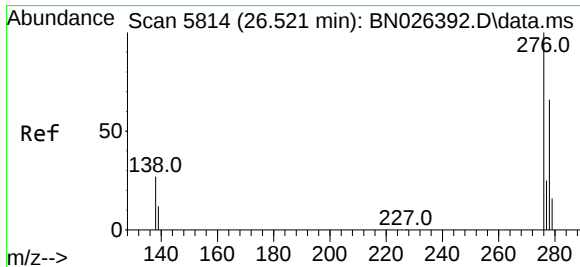
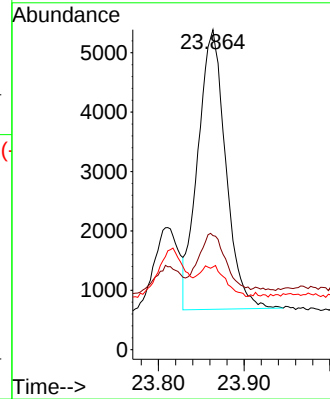
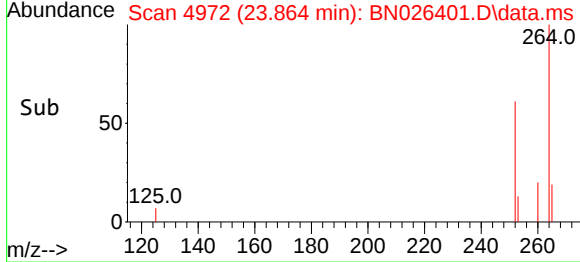
Tgt Ion:252 Resp: 1063
Ion Ratio Lower Upper
252 100
253 35.6 26.0 39.0
125 25.8 17.3 25.9

Manual Integrations

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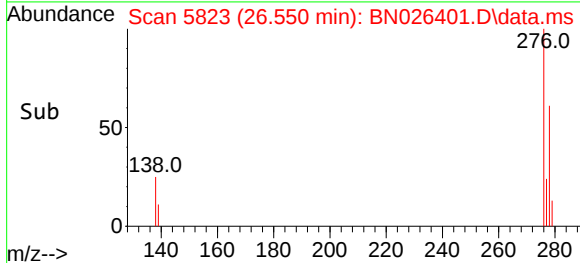
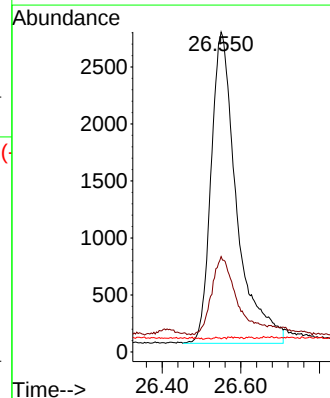
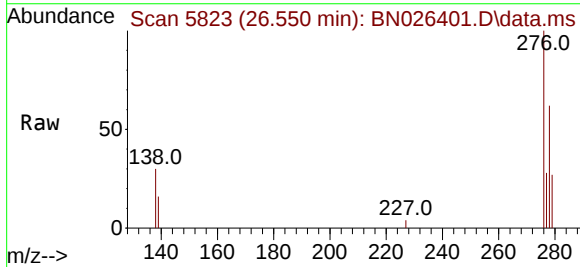
Reviewed By :Yogesh Patel 07/10/2023

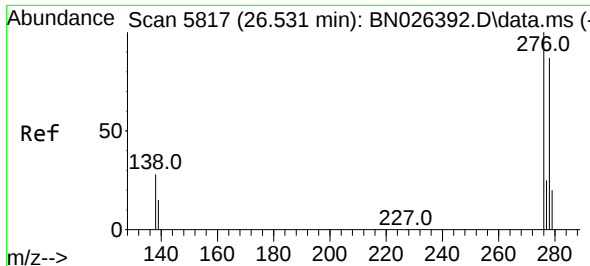
Supervised By :mohammad ahmed 07/10/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng/ul
RT: 26.550 min Scan# 5823
Delta R.T. 0.024 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46

Tgt Ion:276 Resp: 12323
Ion Ratio Lower Upper
276 100
138 26.1 24.5 36.7
227 0.0 0.0 0.0#





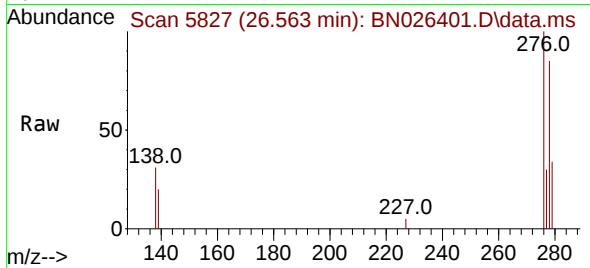
#28
Dibenzo(a,h)anthracene
Concen: 0.273 ng/ul
RT: 26.563 min Scan# 5817
Delta R.T. 0.024 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46

Instrument :

BNA_N

ClientSampleId :

YBW10MSD



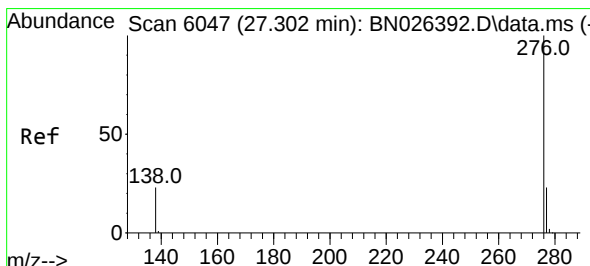
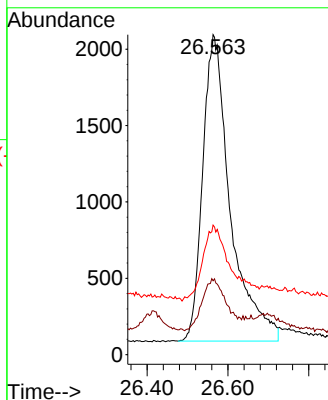
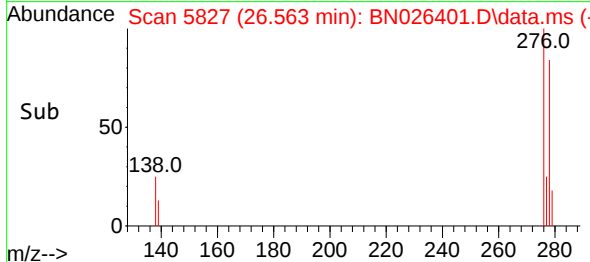
Tgt Ion:278 Resp: 9518
Ion Ratio Lower Upper
278 100
139 23.1 19.0 28.4
279 40.5 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/10/2023

Supervised By :mohammad ahmed 07/10/2023



#29
Benzo(g,h,i)perylene
Concen: 0.240 ng/ul
RT: 27.348 min Scan# 6061
Delta R.T. 0.034 min
Lab File: BN026401.D
Acq: 09 Jul 2023 00:46

Tgt Ion:276 Resp: 9817
Ion Ratio Lower Upper
276 100
138 23.3 23.4 35.0#
277 27.9 20.0 30.0

