

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070823\
 Data File : BN026400.D
 Acq On : 09 Jul 2023 00:09
 Operator : MA/JU
 Sample : 03351-02MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 YBW10MS

Manual Integrations
 APPROVED

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

Quant Time: Jul 09 02:41:18 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	4251	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	14657	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.570	164	8679	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.321	188	16123	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	9062	0.400	ng/ul	-0.01
23) Perylene-d12	23.961	264	10703	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	23173	4.840	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	6656	0.295	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	11351	0.329	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.335	88	6186	1.217	ng/ul#	88
5) Naphthalene	10.781	128	13371	0.318	ng/ul	99
7) 2-Methylnaphthalene	12.403	142	8180	0.306	ng/ul	100
8) 1-Methylnaphthalene	12.618	142	8462	0.305	ng/ul	99
10) Acenaphthylene	14.288	152	14902	0.367	ng/ul	99
11) Acenaphthene	14.630	153	10073	0.303	ng/ul	100
12) Fluorene	15.616	166	11619	0.305	ng/ul	99
14) Pentachlorophenol	16.984	266	1623	0.281	ng/ul	97
15) Phenanthrene	17.359	178	16449	0.309	ng/ul	98
16) Anthracene	17.452	178	15266	0.323	ng/ul	99
19) Fluoranthene	19.382	202	16191	0.335	ng/ul	100
20) Pyrene	19.740	202	16451m	0.327	ng/ul	
21) Benzo(a)anthracene	21.500	228	11907	0.319	ng/ul	99
22) Chrysene	21.555	228	12610	0.324	ng/ul	99
24) Benzo(b)fluoranthene	23.209	252	12477	0.273	ng/ul	88
25) Benzo(k)fluoranthene	23.259	252	12417	0.271	ng/ul#	90
26) Benzo(a)pyrene	23.844	252	10444	0.263	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.520	276	12374	0.286	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.534	278	9390	0.286	ng/ul	93
29) Benzo(g,h,i)perylene	27.312	276	10539	0.273	ng/ul	96

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

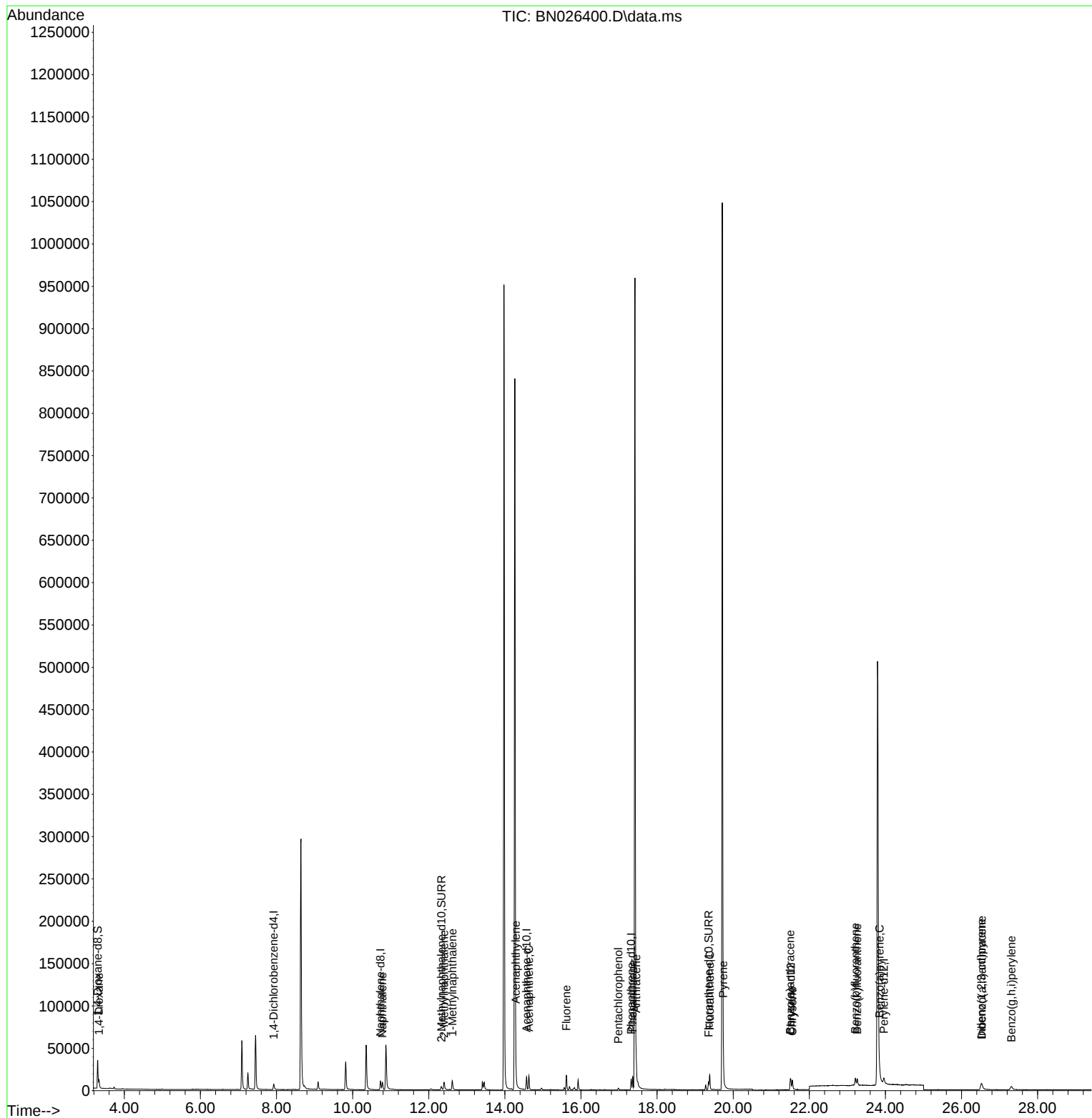
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070823\
Data File : BN026400.D
Acq On : 09 Jul 2023 00:09
Operator : MA/JU
Sample : 03351-02MS
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ALS Vial : 26 Sample Multiplier: 1

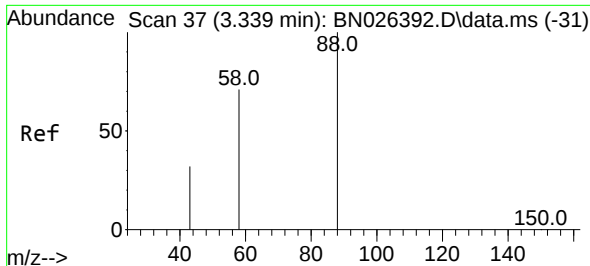
Instrument :
BNA_N
ClientSampleId :
YBW10MS

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APPROVED

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

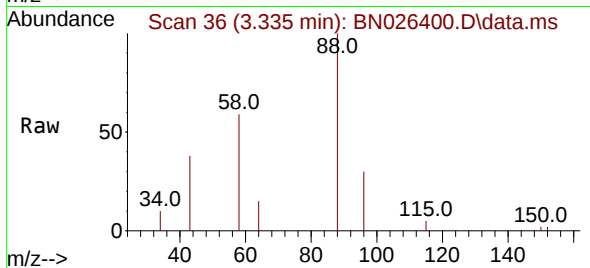
Quant Time: Jul 09 02:41:18 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 08 09:20:18 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.217 ng/ul
RT: 3.335 min Scan# 30
Delta R.T. -0.008 min
Lab File: BN026400.D
Acq: 09 Jul 2023 00:09

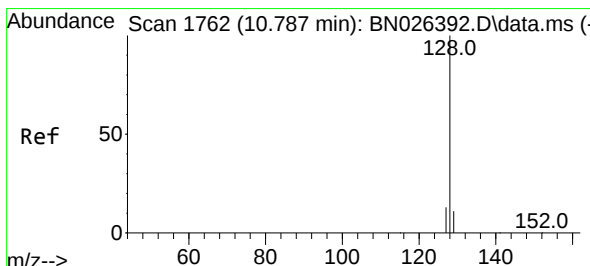
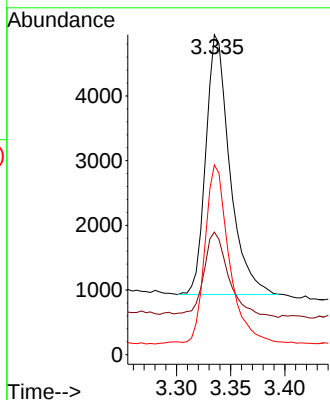
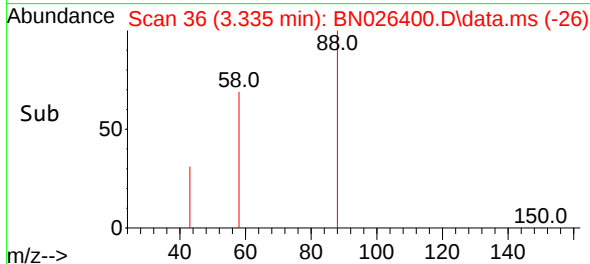
Instrument :
BNA_N
ClientSampleId :
YBW10MS



Tgt Ion: 88 Resp: 6180
Ion Ratio Lower Upper
88 100
43 38.3 29.5 44.3
58 59.3 37.4 56.2

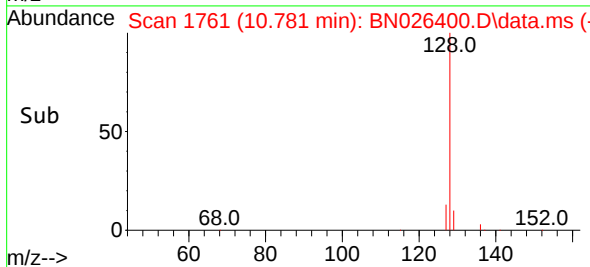
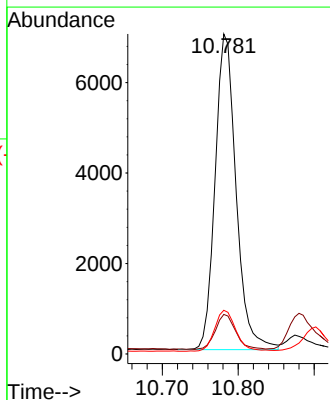
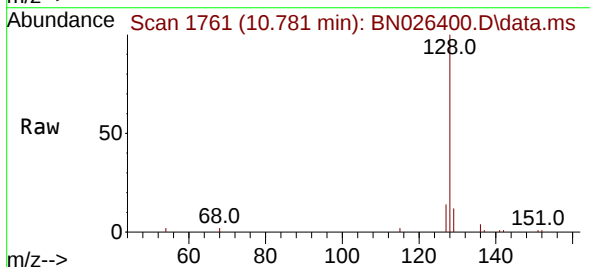
Manual Integrations
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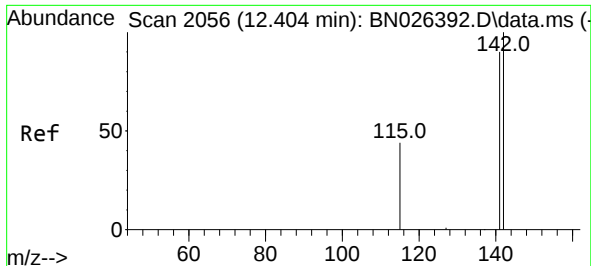
Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023



#5
Naphthalene
Concen: 0.318 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. -0.010 min
Lab File: BN026400.D
Acq: 09 Jul 2023 00:09

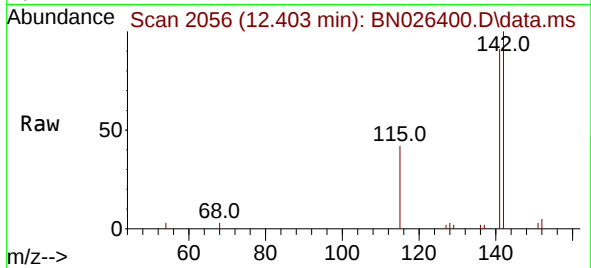
Tgt Ion:128 Resp: 13371
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 13.7 10.7 16.1





#7
2-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.403 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BN026400.D
Acq: 09 Jul 2023 00:09

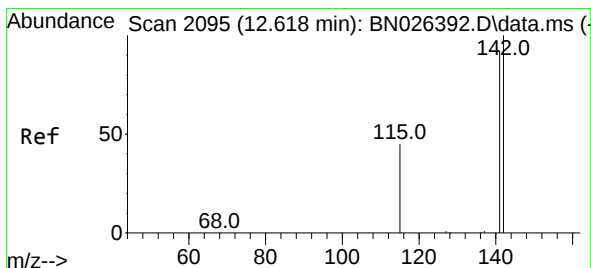
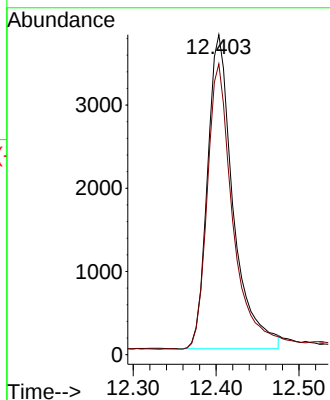
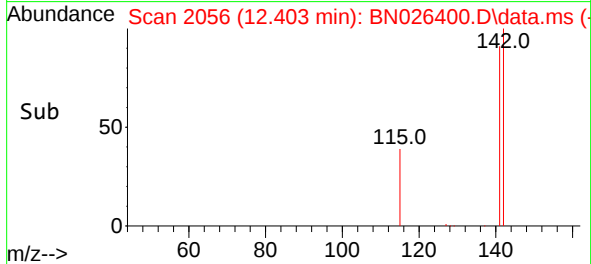
Instrument :
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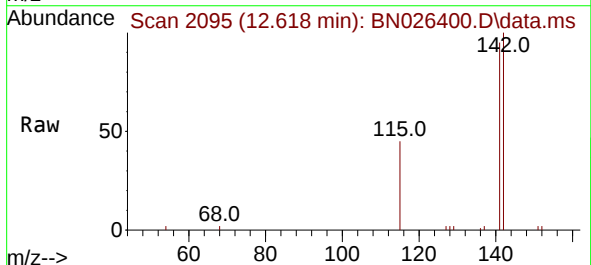
Tgt Ion:142 Resp: 8180
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9

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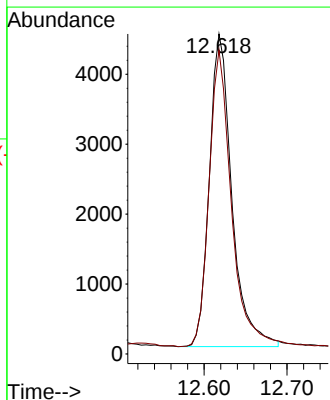
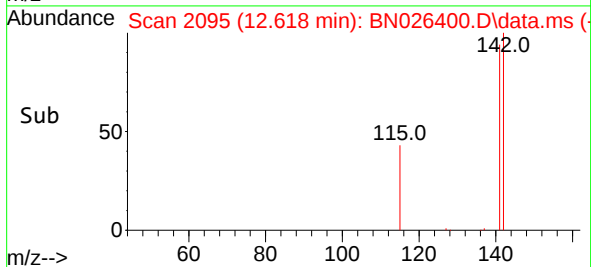
Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023

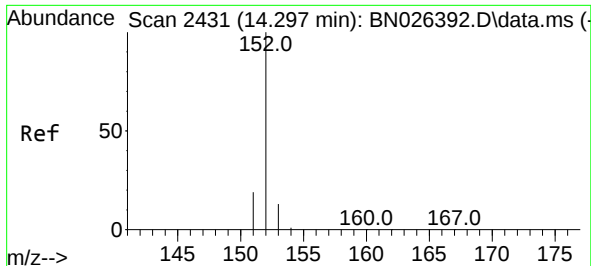


#8
1-Methylnaphthalene
Concen: 0.305 ng/ul
RT: 12.618 min Scan# 2095
Delta R.T. -0.004 min
Lab File: BN026400.D
Acq: 09 Jul 2023 00:09



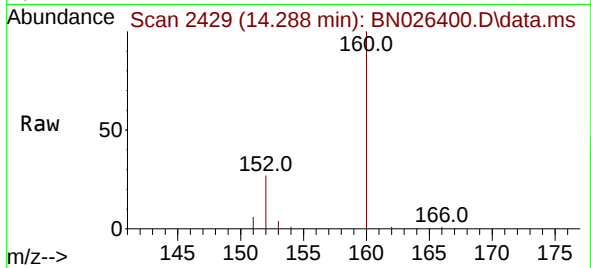
Tgt Ion:142 Resp: 8462
Ion Ratio Lower Upper
142 100
141 93.6 74.2 111.4





#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 14.288 min Scan# 2429
Delta R.T. -0.009 min
Lab File: BN026400.D
Acq: 09 Jul 2023 00:09

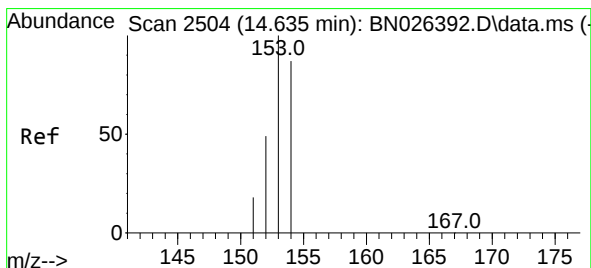
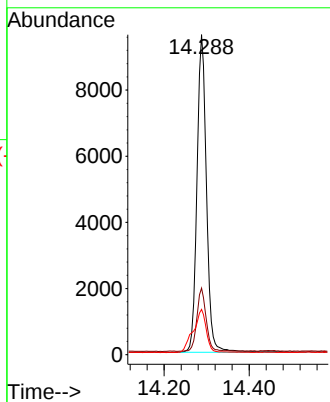
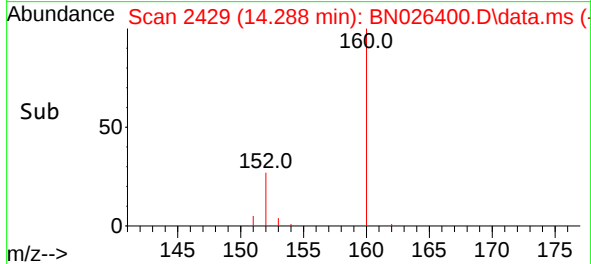
Instrument :
BNA_N
ClientSampleId :
YBW10MS



Tgt Ion:152 Resp: 1490
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 14.2 10.9 16.3

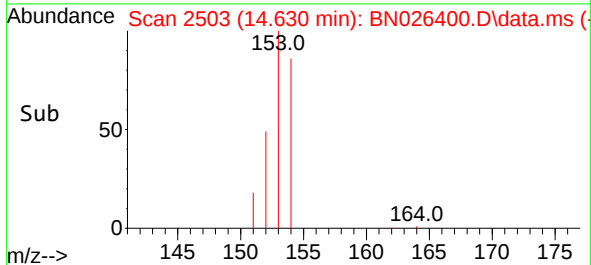
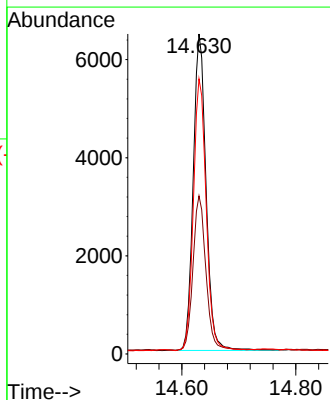
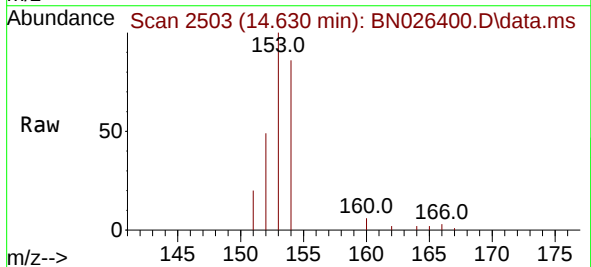
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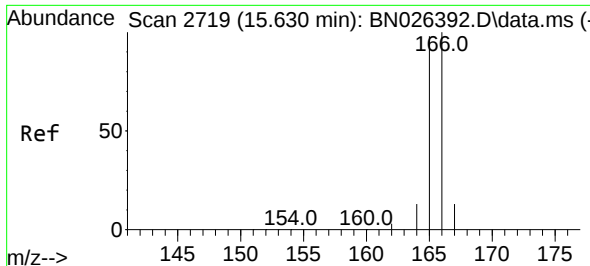
Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023



#11
Acenaphthene
Concen: 0.303 ng/ul
RT: 14.630 min Scan# 2503
Delta R.T. -0.004 min
Lab File: BN026400.D
Acq: 09 Jul 2023 00:09

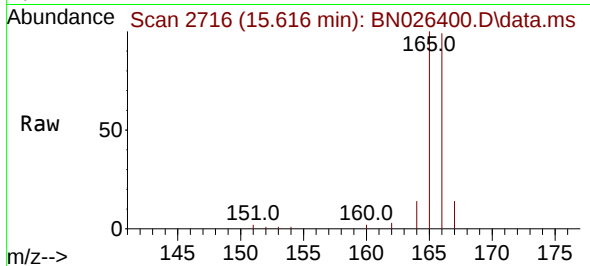
Tgt Ion:153 Resp: 10073
Ion Ratio Lower Upper
153 100
152 49.4 39.4 59.0
154 86.0 68.9 103.3





#12
Fluorene
Concen: 0.305 ng/ul
RT: 15.616 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN026400.D
Acq: 09 Jul 2023 00:09

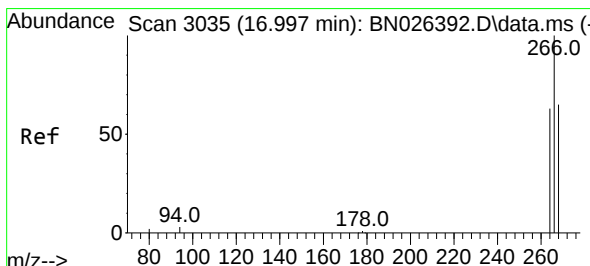
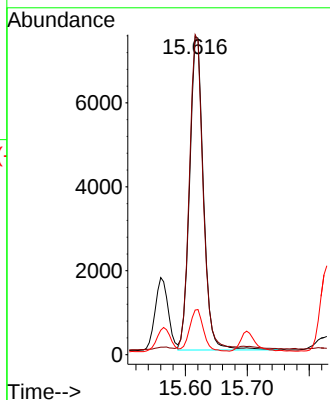
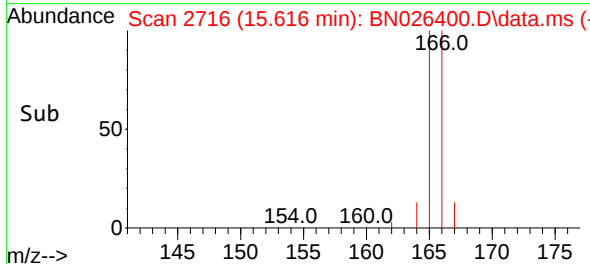
Instrument :
BNA_N
ClientSampleId :
YBW10MS



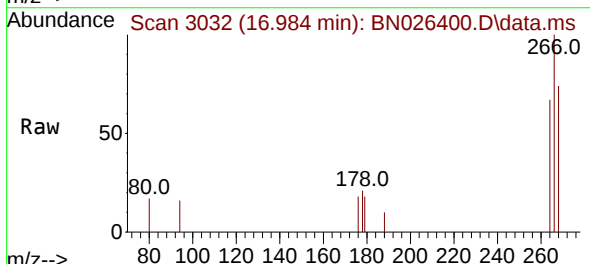
Tgt Ion:166 Resp: 11619
Ion Ratio Lower Upper
166 100
165 100.6 79.9 119.9
167 14.0 10.8 16.2

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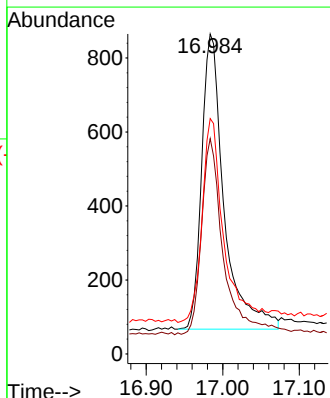
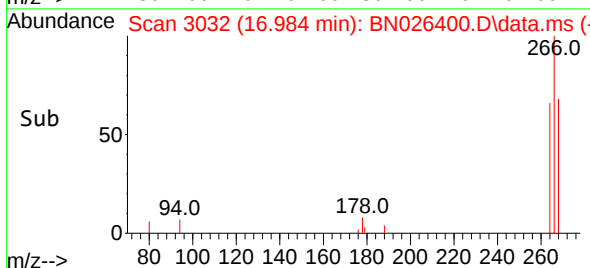
Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023

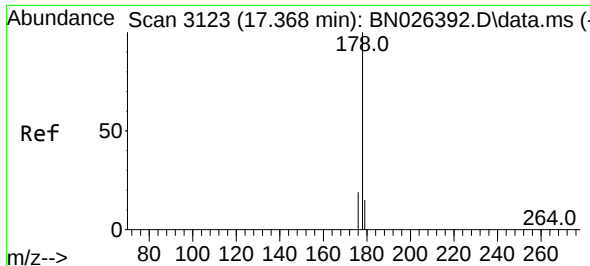


#14
Pentachlorophenol
Concen: 0.281 ng/ul
RT: 16.984 min Scan# 3032
Delta R.T. -0.012 min
Lab File: BN026400.D
Acq: 09 Jul 2023 00:09



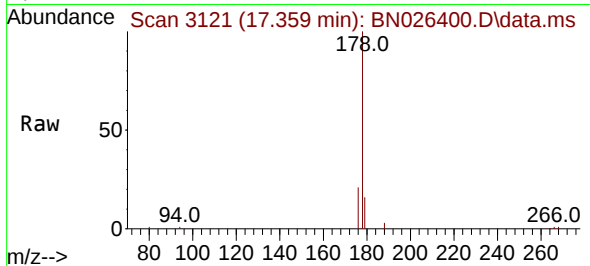
Tgt Ion:266 Resp: 1623
Ion Ratio Lower Upper
266 100
264 64.3 50.5 75.7
268 68.6 51.6 77.4





#15
Phenanthrene
Concen: 0.309 ng/u1
RT: 17.359 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BN026400.D
Acq: 09 Jul 2023 00:09

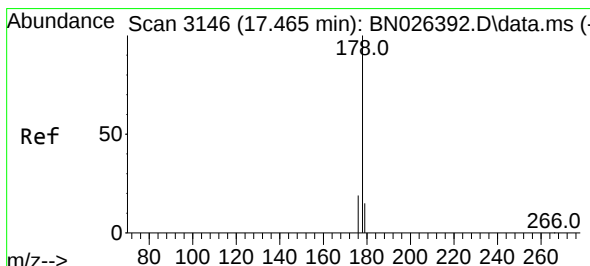
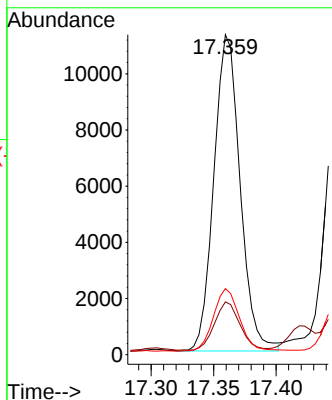
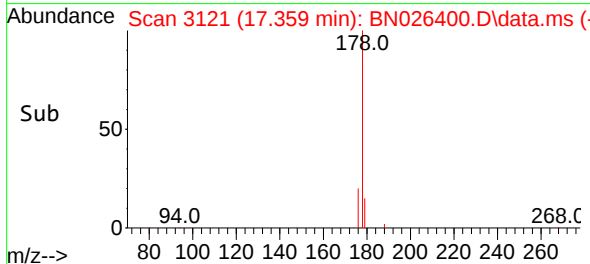
Instrument :
BNA_N
ClientSampleId :
YBW10MS



Tgt Ion:178 Resp: 16449
Ion Ratio Lower Upper
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179 16.5 12.6 19.0
176 20.7 15.8 23.6

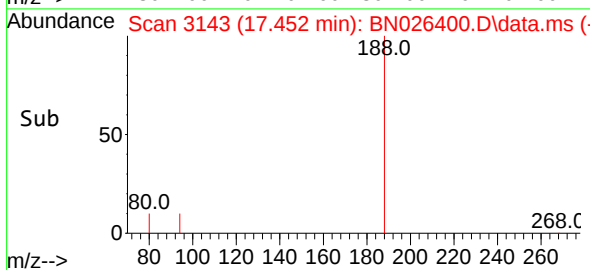
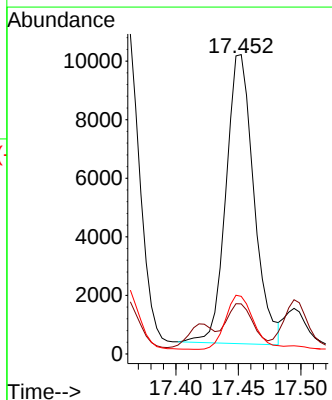
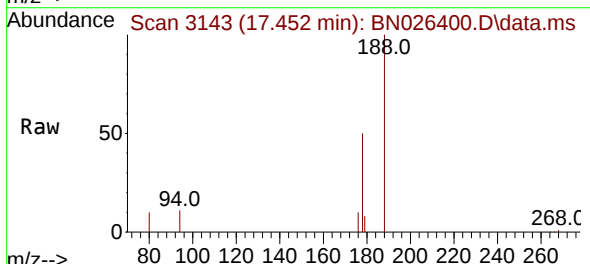
Manual Integrations
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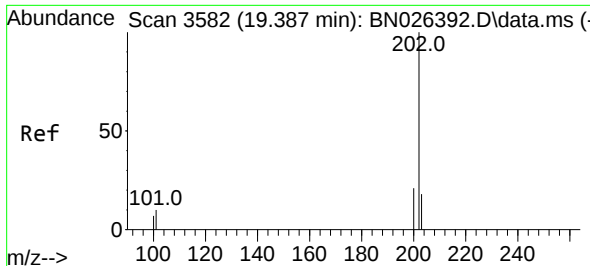
Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023



#16
Anthracene
Concen: 0.323 ng/u1
RT: 17.452 min Scan# 3143
Delta R.T. -0.012 min
Lab File: BN026400.D
Acq: 09 Jul 2023 00:09

Tgt Ion:178 Resp: 15266
Ion Ratio Lower Upper
178 100
179 16.7 12.6 18.8
176 19.2 15.1 22.7





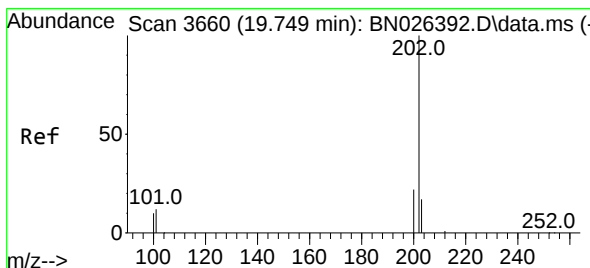
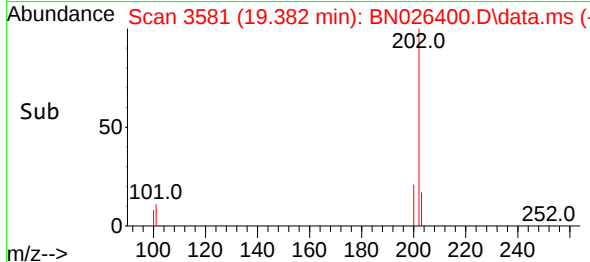
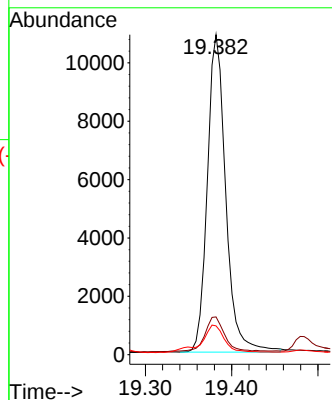
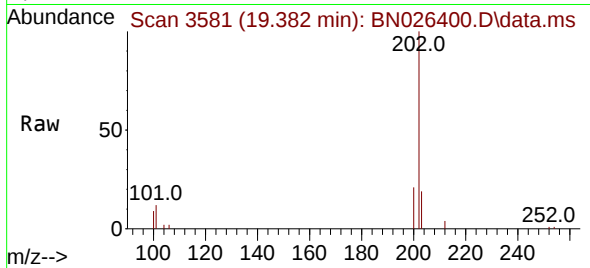
#19
Fluoranthene
Concen: 0.335 ng/ul
RT: 19.382 min Scan# 3582
Delta R.T. -0.004 min
Lab File: BN026400.D
Acq: 09 Jul 2023 00:09

Instrument :
BNA_N
ClientSampleId :
YBW10MS

Tgt Ion:202 Resp: 1619
Ion Ratio Lower Upper
202 100
101 11.8 9.5 14.3
100 9.0 7.3 10.9

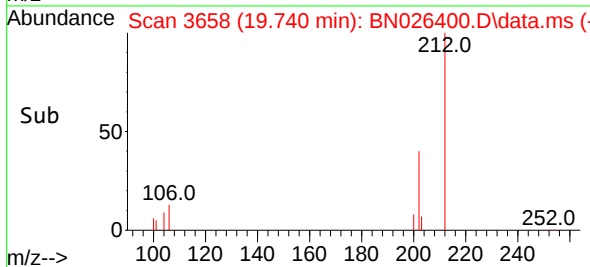
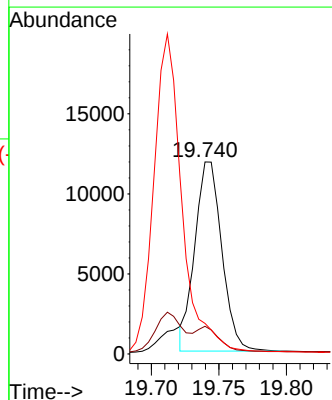
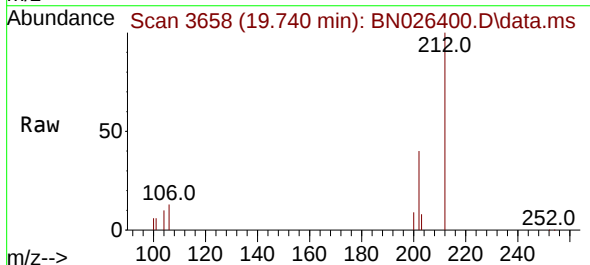
Manual Integrations
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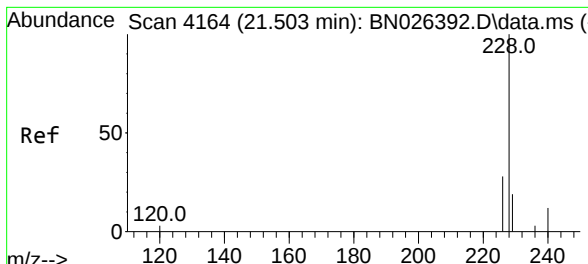
Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023



#20
Pyrene
Concen: 0.327 ng/ul m
RT: 19.740 min Scan# 3658
Delta R.T. -0.013 min
Lab File: BN026400.D
Acq: 09 Jul 2023 00:09

Tgt Ion:202 Resp: 16451
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.0
100 15.9 9.1 13.7#





#21
 Benzo(a)anthracene
 Concen: 0.319 ng/ul
 RT: 21.500 min Scan# 4163
 Delta R.T. -0.011 min
 Lab File: BN026400.D
 Acq: 09 Jul 2023 00:09

Instrument :

BNA_N

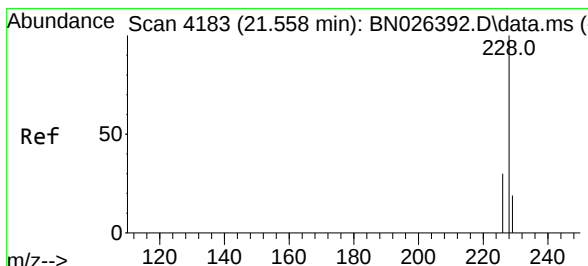
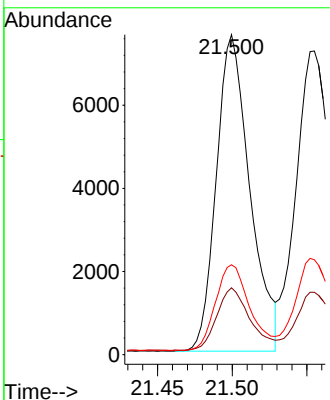
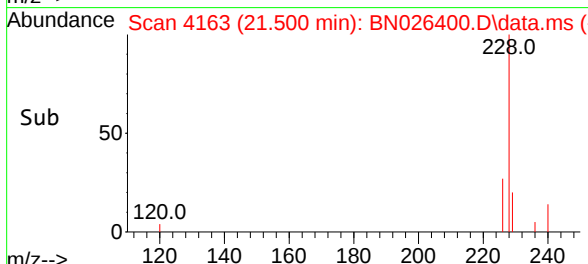
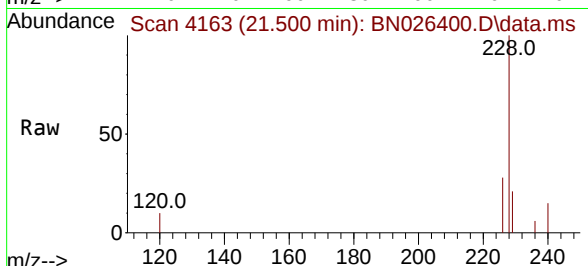
ClientSampleId :

YBW10MS

Tgt Ion:	228	Resp:	1190
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.8	23.6
226	28.1	22.5	33.7

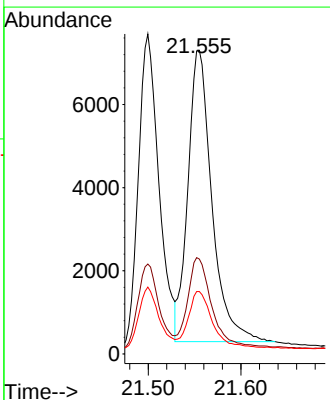
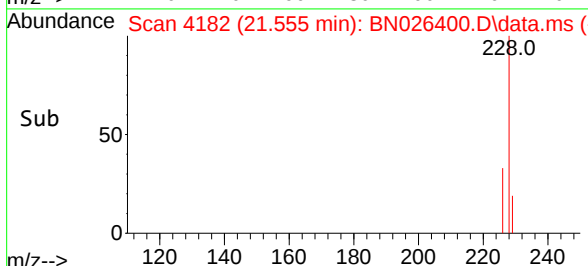
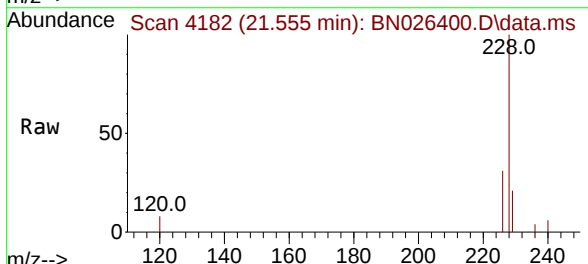
Manual Integrations
 APPROVED

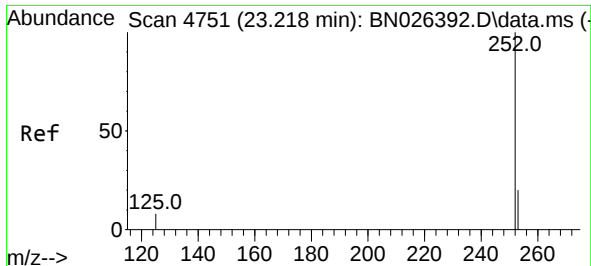
Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023



#22
 Chrysene
 Concen: 0.324 ng/ul
 RT: 21.555 min Scan# 4182
 Delta R.T. -0.008 min
 Lab File: BN026400.D
 Acq: 09 Jul 2023 00:09

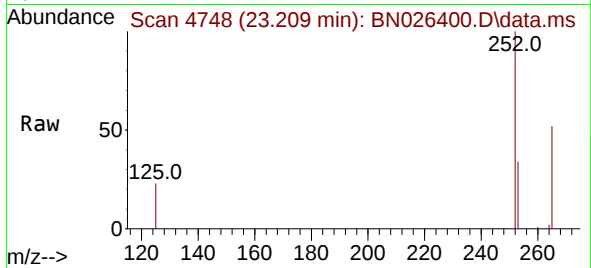
Tgt Ion:	228	Resp:	12610
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.8	37.2
229	20.6	15.7	23.5





#24
Benzo(b)fluoranthene
Concen: 0.273 ng/ul
RT: 23.209 min Scan# 4748
Delta R.T. -0.017 min
Lab File: BN026400.D
Acq: 09 Jul 2023 00:09

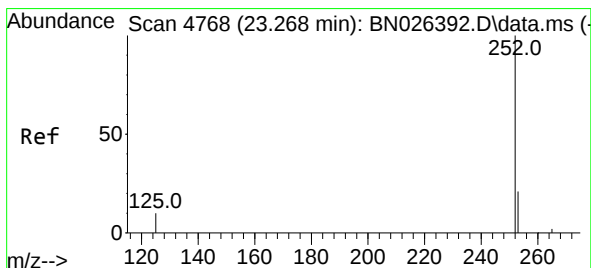
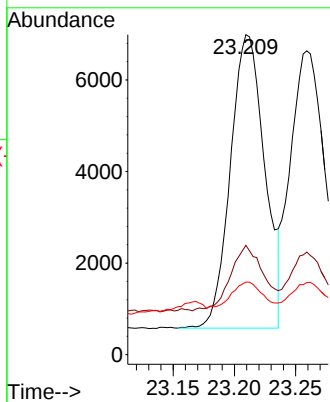
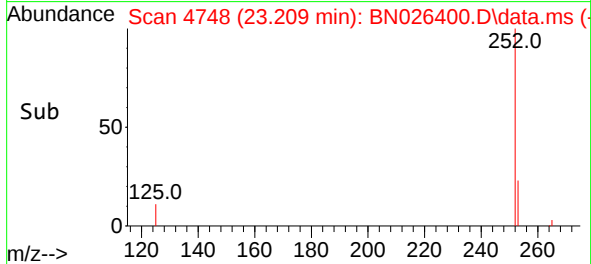
Instrument :
BNA_N
ClientSampleId :
YBW10MS



Tgt Ion:252 Resp: 12477
Ion Ratio Lower Upper
252 100
253 34.2 0.0 55.6
125 22.7 0.0 35.8

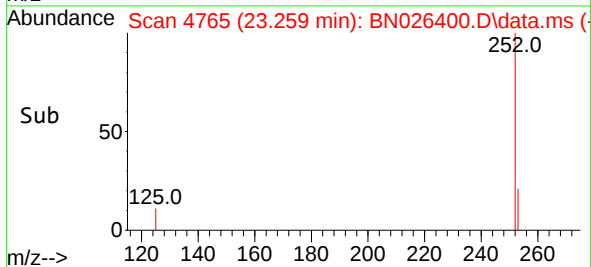
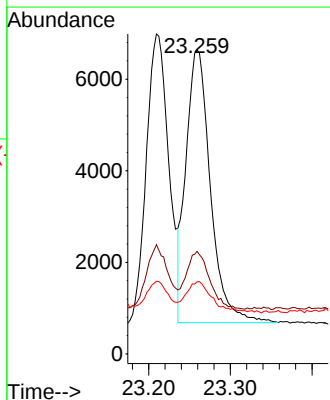
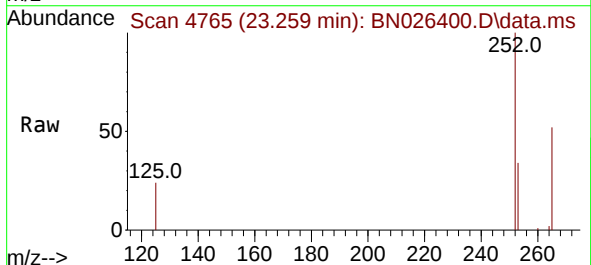
Manual Integrations
APPROVED

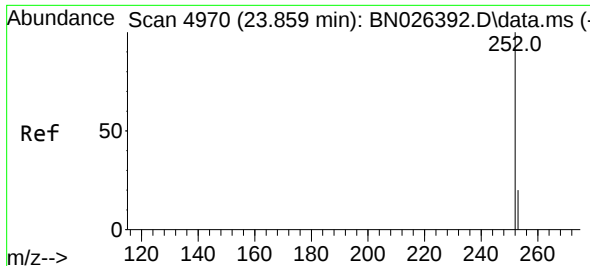
Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023



#25
Benzo(k)fluoranthene
Concen: 0.271 ng/ul
RT: 23.259 min Scan# 4765
Delta R.T. -0.014 min
Lab File: BN026400.D
Acq: 09 Jul 2023 00:09

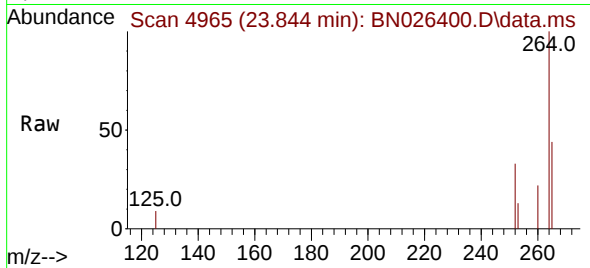
Tgt Ion:252 Resp: 12417
Ion Ratio Lower Upper
252 100
253 33.8 23.2 34.8
125 23.7 15.0 22.4





#26
Benzo(a)pyrene
Concen: 0.263 ng/ul
RT: 23.844 min Scan# 4965
Delta R.T. -0.023 min
Lab File: BN026400.D
Acq: 09 Jul 2023 00:09

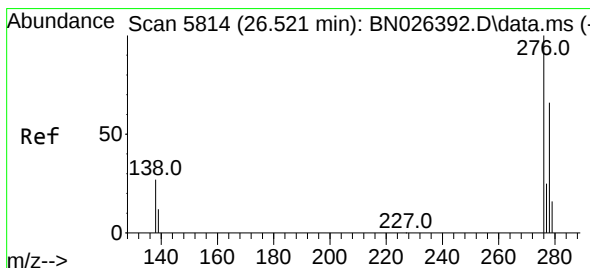
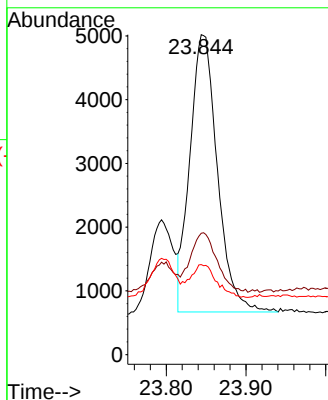
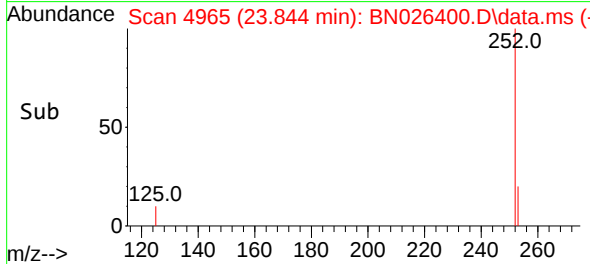
Instrument :
BNA_N
ClientSampleId :
YBW10MS



Tgt Ion:252 Resp: 1044
Ion Ratio Lower Upper
252 100
253 37.9 26.0 39.0
125 28.2 17.3 25.9

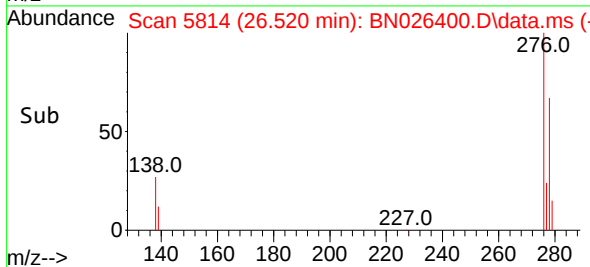
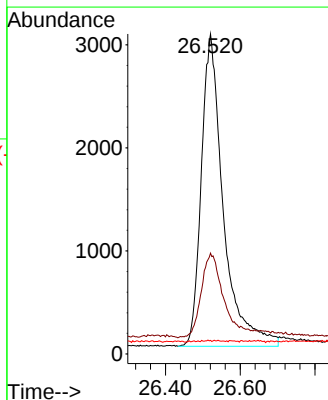
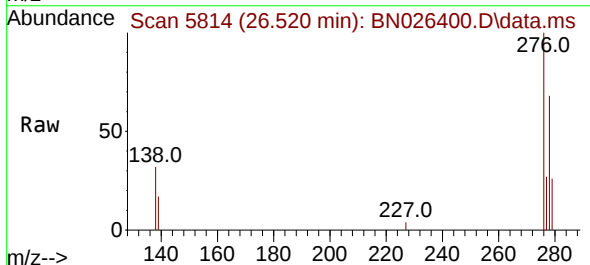
Manual Integrations
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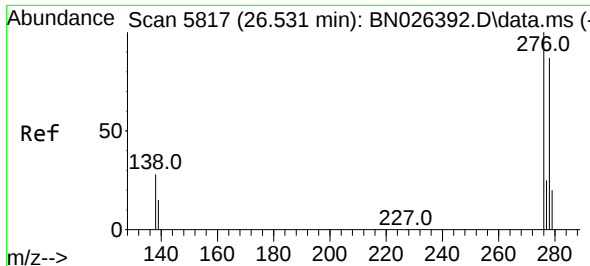
Reviewed By :Yogesh Patel 07/10/2023
Supervised By :mohammad ahmed 07/10/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.286 ng/ul
RT: 26.520 min Scan# 5814
Delta R.T. -0.006 min
Lab File: BN026400.D
Acq: 09 Jul 2023 00:09

Tgt Ion:276 Resp: 12374
Ion Ratio Lower Upper
276 100
138 29.7 24.5 36.7
227 0.1 0.0 0.0





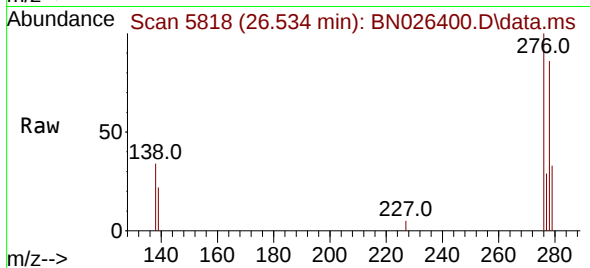
#28
Dibenzo(a,h)anthracene
Concen: 0.286 ng/ul
RT: 26.534 min Scan# 5817
Delta R.T. -0.006 min
Lab File: BN026400.D
Acq: 09 Jul 2023 00:09

Instrument :

BNA_N

ClientSampleId :

YBW10MS



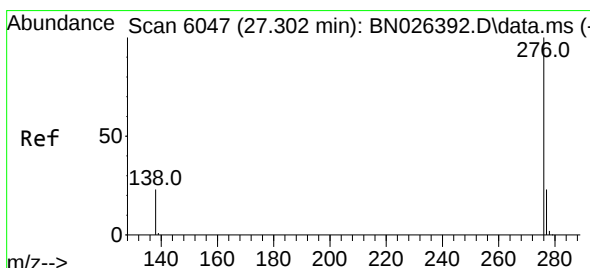
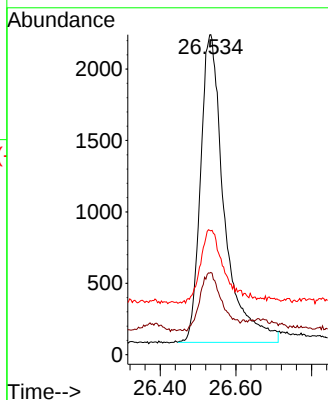
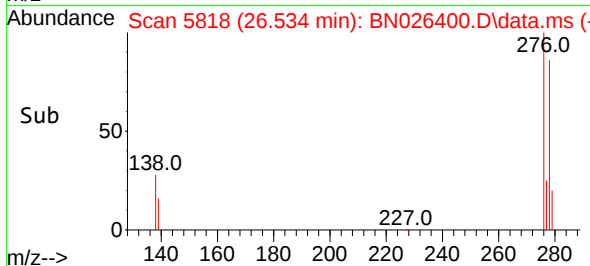
Tgt Ion:278 Resp: 9390
Ion Ratio Lower Upper
278 100
139 25.7 19.0 28.4
279 38.7 26.7 40.1

Manual Integrations

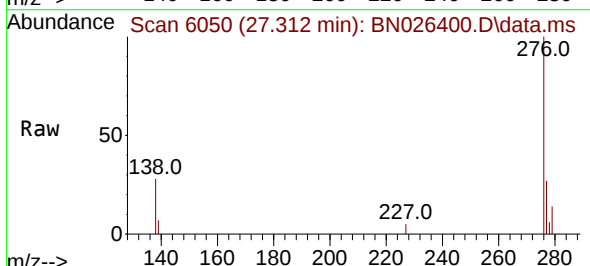
APPROVED

Reviewed By :Yogesh Patel 07/10/2023

Supervised By :mohammad ahmed 07/10/2023



#29
Benzo(g,h,i)perylene
Concen: 0.273 ng/ul
RT: 27.312 min Scan# 6050
Delta R.T. -0.003 min
Lab File: BN026400.D
Acq: 09 Jul 2023 00:09



Tgt Ion:276 Resp: 10539
Ion Ratio Lower Upper
276 100
138 27.7 23.4 35.0
277 27.4 20.0 30.0

