

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
 Data File : BN025810.D
 Acq On : 13 Jun 2023 17:21
 Operator : MA/JU
 Sample : 02950-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW986

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/14/2023

Quant Time: Jun 13 23:17:45 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 10 02:01:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.006	152	9921	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	30459	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.641	164	18506	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.382	188	32255	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.565	240	16799	0.400	ng/ul	# 0.00
23) Perylene-d12	24.050	264	17261	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	30966	3.175	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.404	152	8801	0.228	ng/ul	0.00
18) Fluoranthene-d10	19.406	212	14347	0.271	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.869	128	9904	0.128	ng/ul#	91
7) 2-Methylnaphthalene	12.475	142	5308	0.114	ng/ul	92
8) 1-Methylnaphthalene	12.690	142	46904	0.915	ng/ul	99
10) Acenaphthylene	14.358	152	49359	0.675	ng/ul#	89
11) Acenaphthene	14.701	153	107723	1.765	ng/ul	99
12) Fluorene	15.686	166	115066	1.692	ng/ul	100
15) Phenanthrene	17.424	178	811393	8.625	ng/ul	99
16) Anthracene	17.517	178	193604	2.437	ng/ul	99
19) Fluoranthene	19.439	202	524654	6.828	ng/ul	97
20) Pyrene	19.801	202	737718	9.274	ng/ul	97
21) Benzo(a)anthracene	21.547	228	247648m	4.623	ng/ul	
22) Chrysene	21.603	228	327708	5.350	ng/ul	97
24) Benzo(b)fluoranthene	23.289	252	198079m	2.805	ng/ul	
25) Benzo(k)fluoranthene	23.333	252	54877m	0.775	ng/ul	
26) Benzo(a)pyrene	23.930	252	180035	3.009	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.639	276	81859	1.200	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.642	278	30123	0.583	ng/ul#	91
29) Benzo(g,h,i)perylene	27.447	276	90659	1.481	ng/ul	99

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

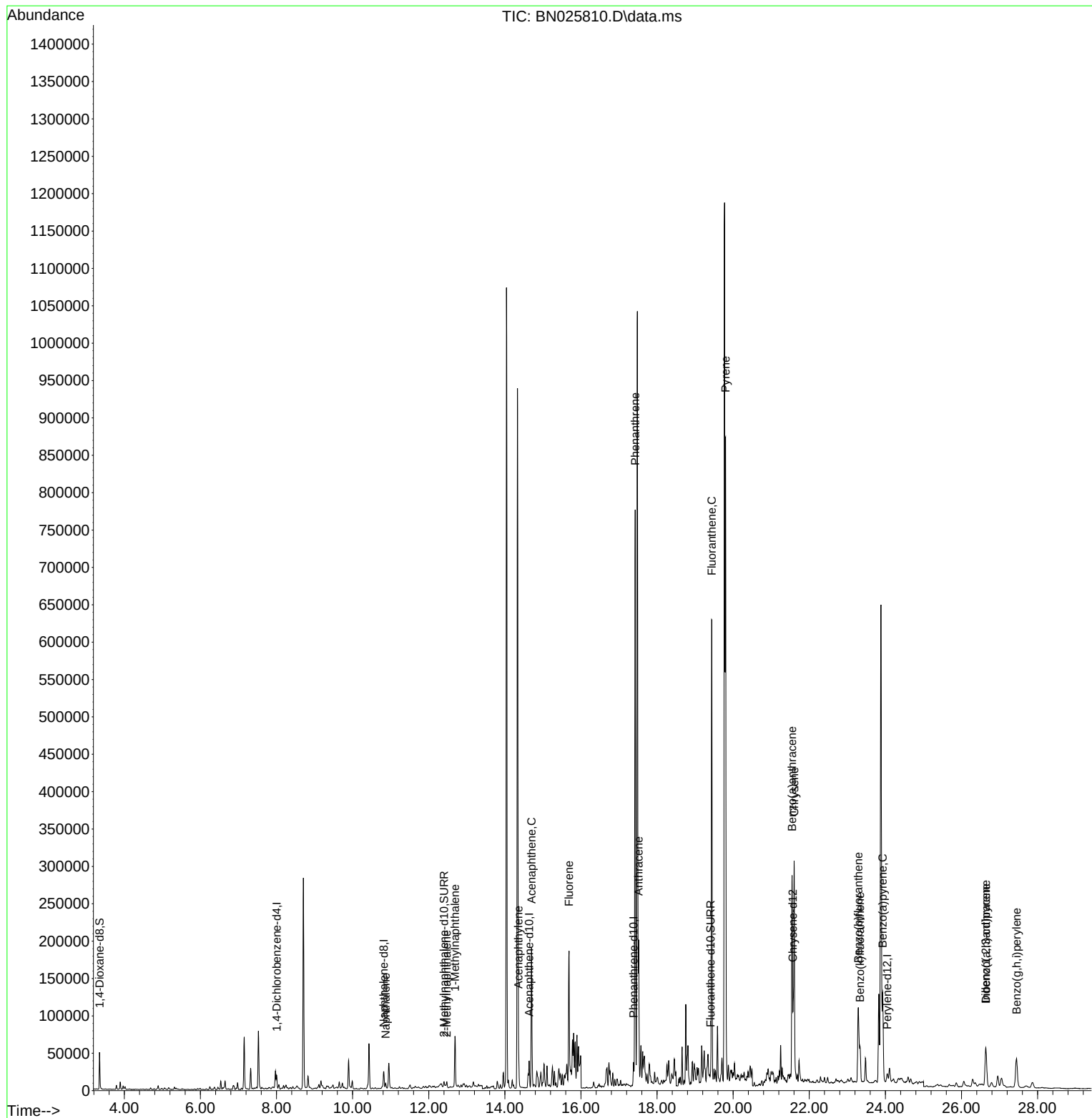
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025810.D
Acq On : 13 Jun 2023 17:21
Operator : MA/JU
Sample : 02950-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

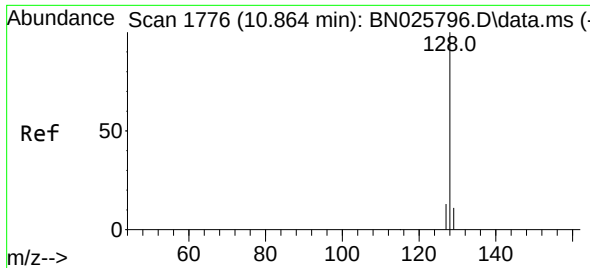
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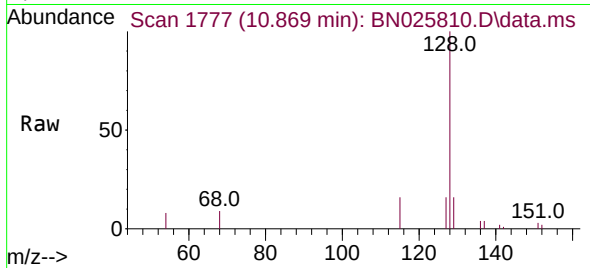
Quant Time: Jun 13 23:17:45 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.128 ng/ul
RT: 10.869 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

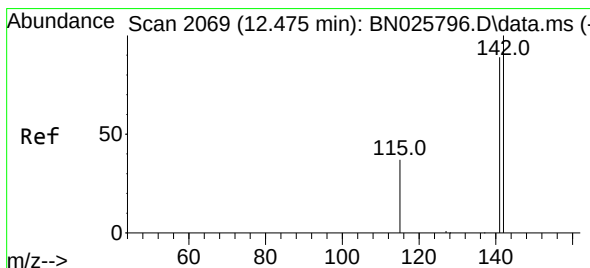
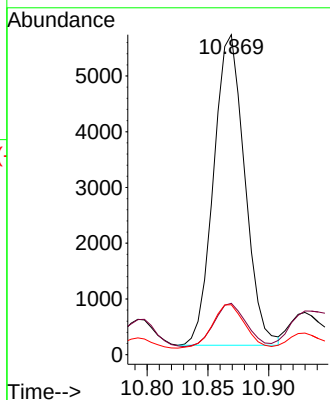
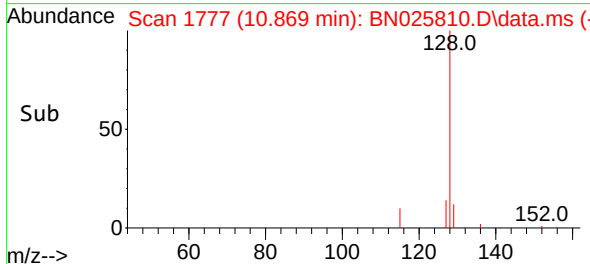
Instrument :
BNA_N
ClientSampleId :
EW986



Tgt Ion:128 Resp: 9904
Ion Ratio Lower Upper
128 100
129 16.1 9.1 13.7
127 15.6 10.5 15.7

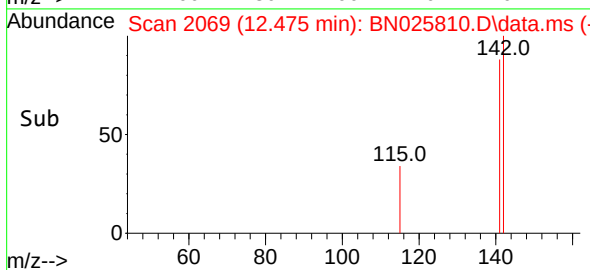
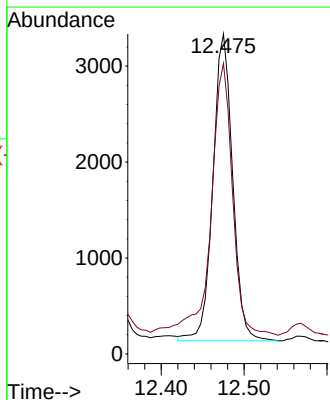
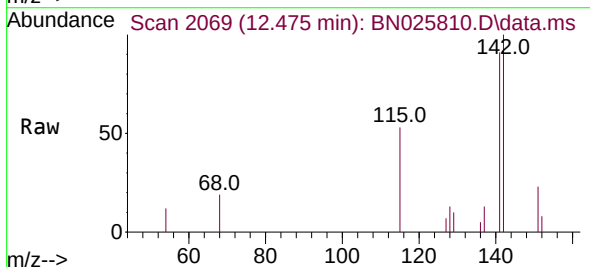
Manual Integrations
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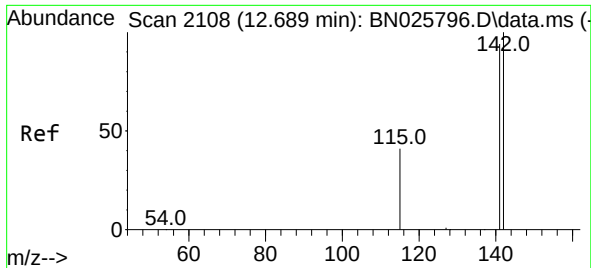
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#7
2-Methylnaphthalene
Concen: 0.114 ng/ul
RT: 12.475 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

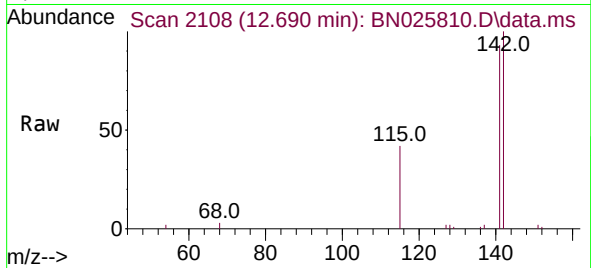
Tgt Ion:142 Resp: 5308
Ion Ratio Lower Upper
142 100
141 97.2 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.915 ng/ul
RT: 12.690 min Scan# 2108
Delta R.T. -0.010 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

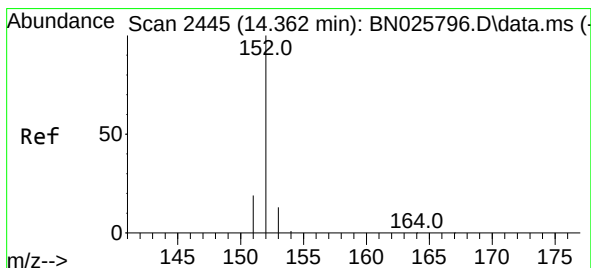
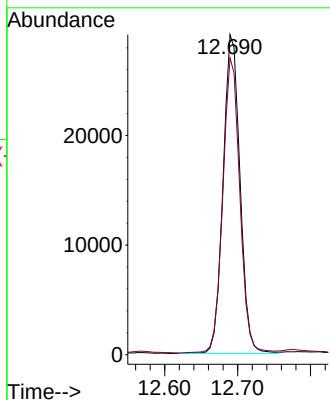
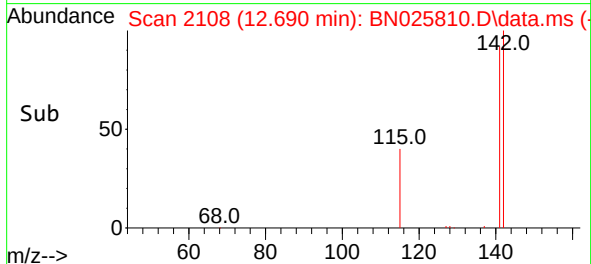
Instrument :
BNA_N
ClientSampleId :
EW986



Tgt Ion:142 Resp: 46904
Ion Ratio Lower Upper
142 100
141 93.0 74.0 111.0

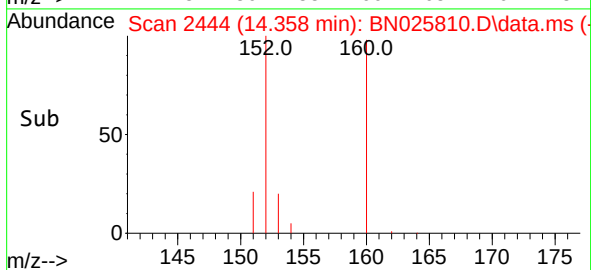
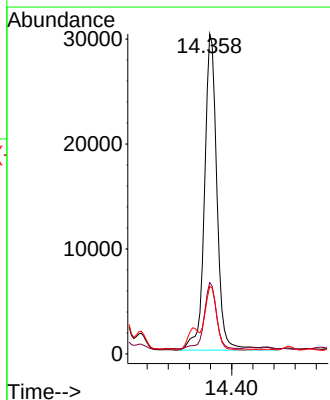
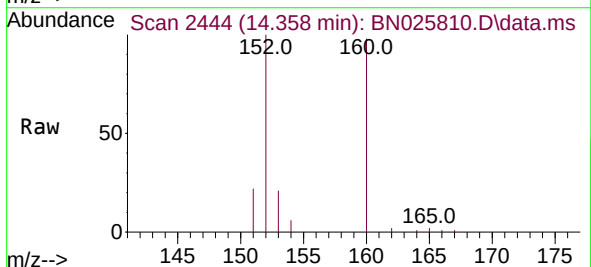
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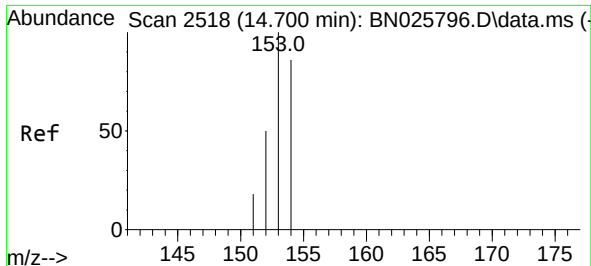
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#10
Acenaphthylene
Concen: 0.675 ng/ul
RT: 14.358 min Scan# 2444
Delta R.T. -0.008 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

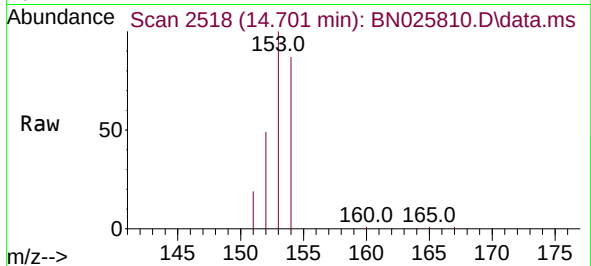
Tgt Ion:152 Resp: 49359
Ion Ratio Lower Upper
152 100
151 22.3 16.0 24.0
153 21.1 10.7 16.1#





#11
Acenaphthene
Concen: 1.765 ng/ul
RT: 14.701 min Scan# 2518
Delta R.T. -0.003 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

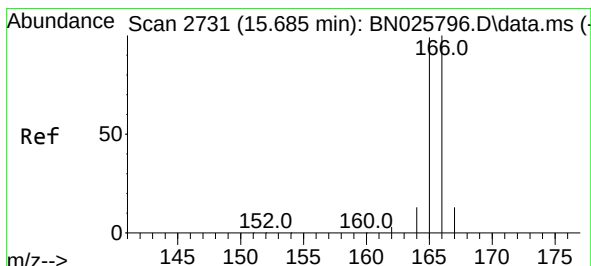
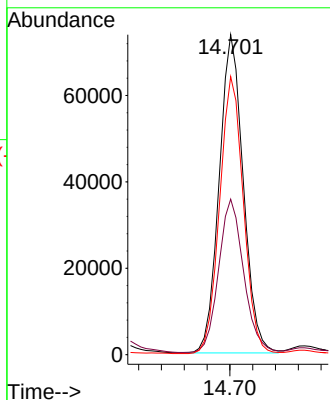
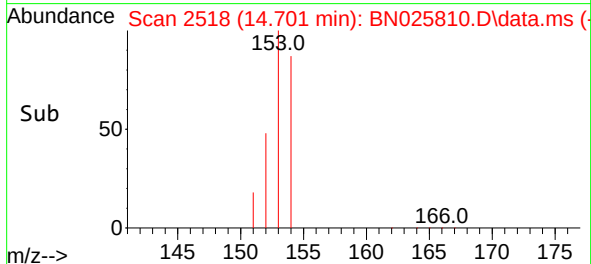
Instrument :
BNA_N
ClientSampleId :
EW986



Tgt Ion:153 Resp: 107723
Ion Ratio Lower Upper
153 100
152 48.6 39.5 59.3
154 86.9 68.8 103.2

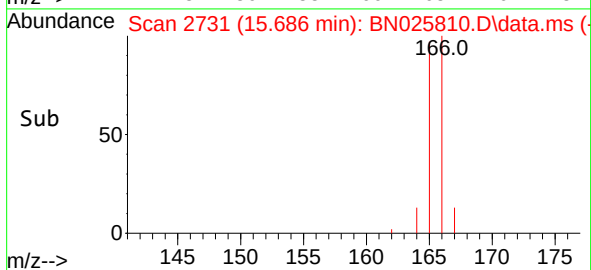
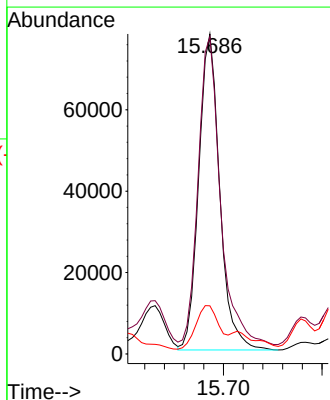
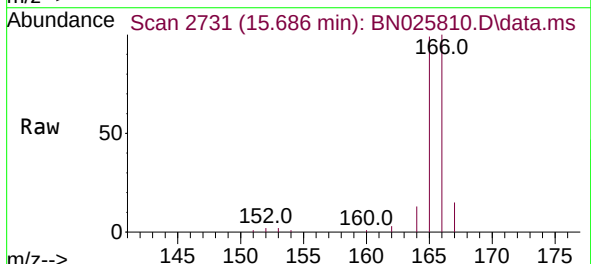
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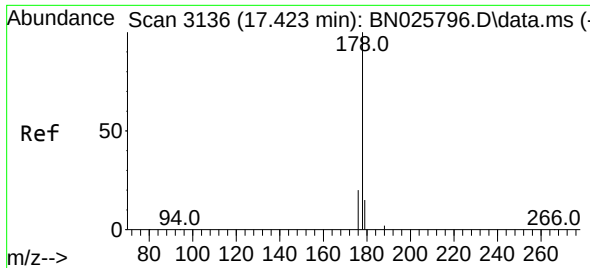
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#12
Fluorene
Concen: 1.692 ng/ul
RT: 15.686 min Scan# 2731
Delta R.T. -0.004 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

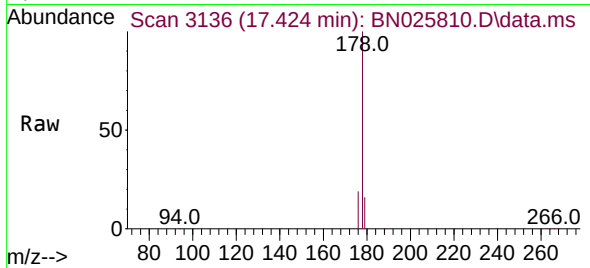
Tgt Ion:166 Resp: 115066
Ion Ratio Lower Upper
166 100
165 99.1 79.2 118.8
167 15.1 11.0 16.6





#15
Phenanthrene
Concen: 8.625 ng/ul
RT: 17.424 min Scan# 3136
Delta R.T. -0.007 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

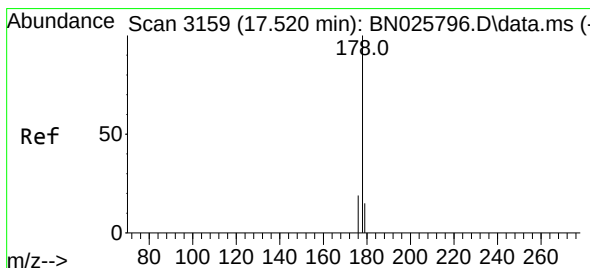
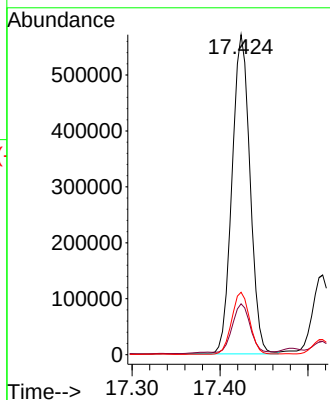
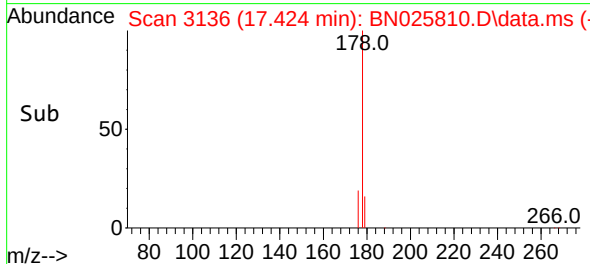
Instrument :
BNA_N
ClientSampleId :
EW986



Tgt Ion:178 Resp: 81139
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.5 15.8 23.8

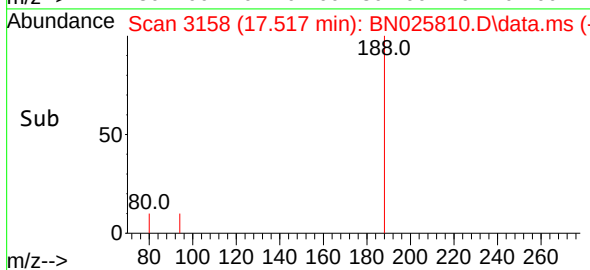
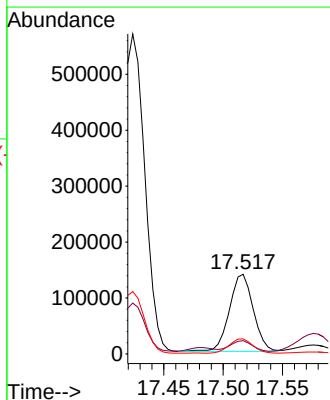
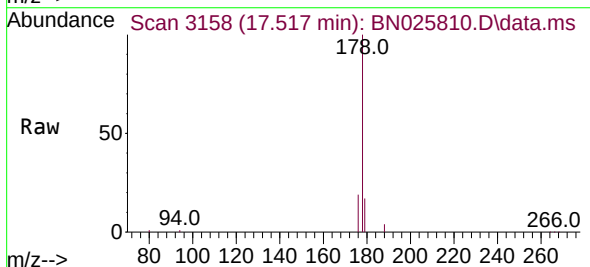
Manual Integrations
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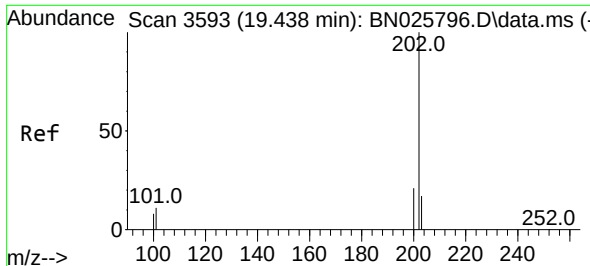
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#16
Anthracene
Concen: 2.437 ng/ul
RT: 17.517 min Scan# 3158
Delta R.T. -0.007 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

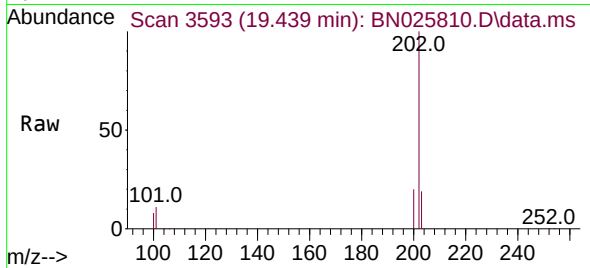
Tgt Ion:178 Resp: 193604
Ion Ratio Lower Upper
178 100
179 16.6 12.6 19.0
176 18.8 15.4 23.2





#19
Fluoranthene
Concen: 6.828 ng/ul
RT: 19.439 min Scan# 3593
Delta R.T. -0.003 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

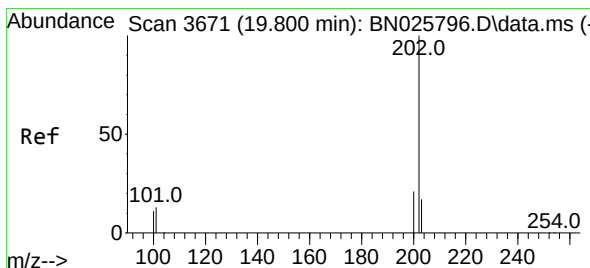
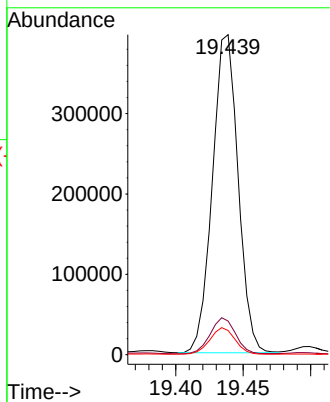
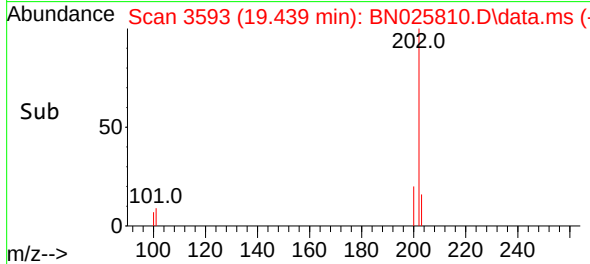
Instrument :
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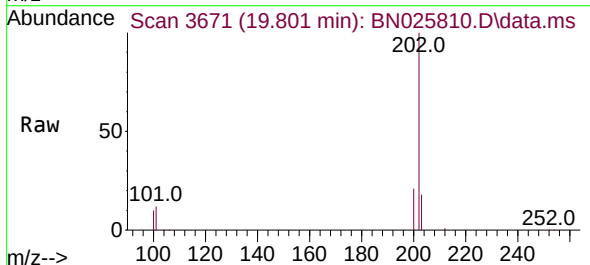
Tgt Ion:202 Resp: 524654
Ion Ratio Lower Upper
202 100
101 10.5 9.1 13.7
100 7.5 7.0 10.6

Manual Integrations
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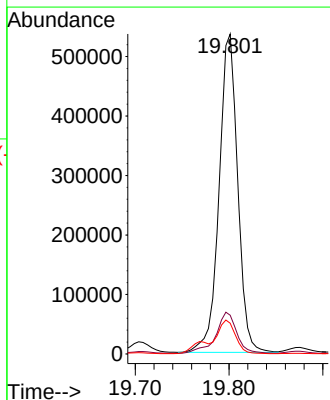
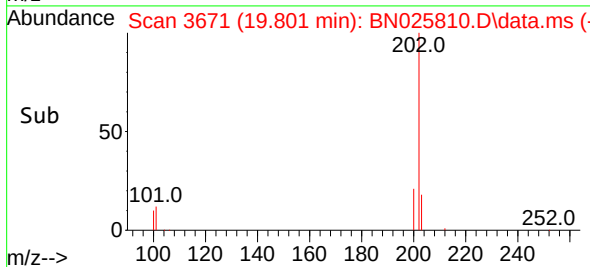
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023

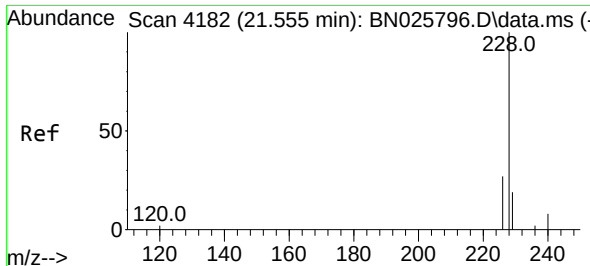


#20
Pyrene
Concen: 9.274 ng/ul
RT: 19.801 min Scan# 3671
Delta R.T. -0.004 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21



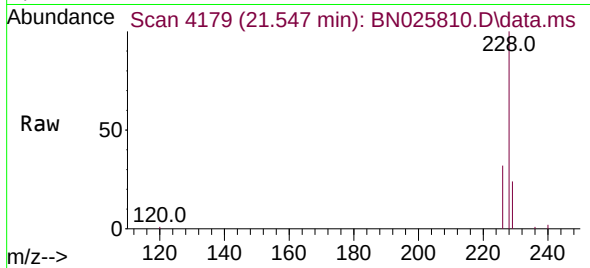
Tgt Ion:202 Resp: 737718
Ion Ratio Lower Upper
202 100
101 12.1 10.4 15.6
100 9.6 8.8 13.2





#21
Benzo(a)anthracene
Concen: 4.623 ng/ul m
RT: 21.547 min Scan# 4119
Delta R.T. -0.005 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

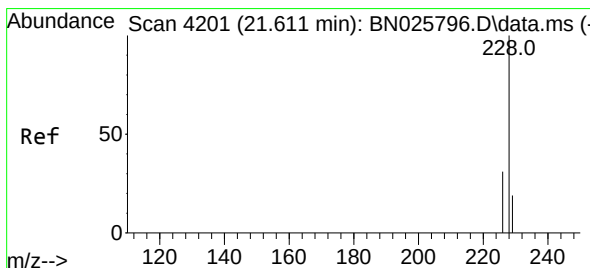
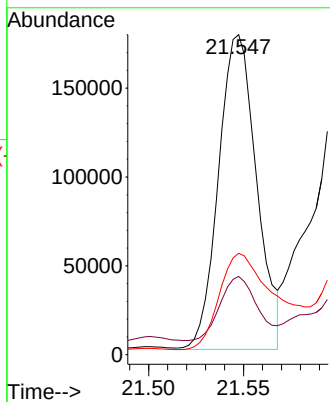
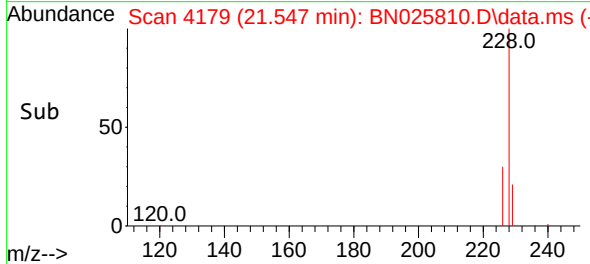
Instrument :
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EW986



Tgt Ion:228 Resp: 247648
Ion Ratio Lower Upper
228 100
229 24.4 15.5 23.3
226 31.6 22.0 33.0

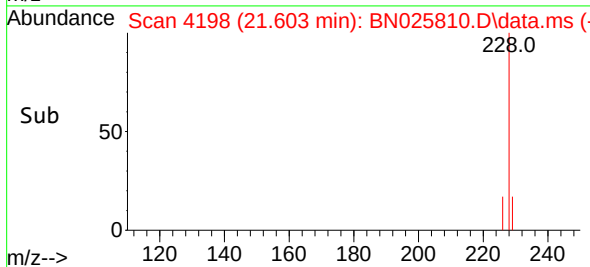
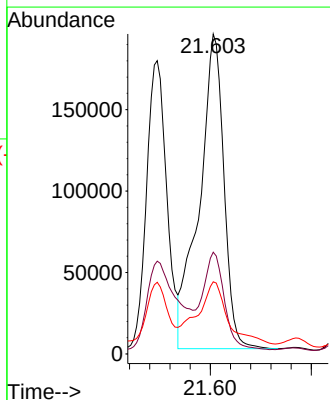
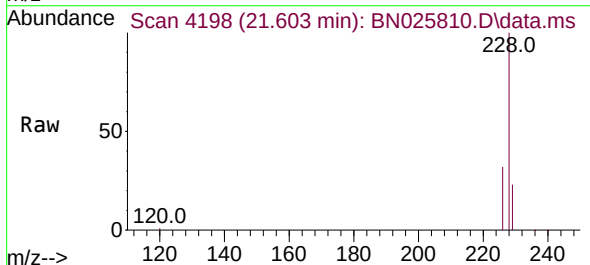
Manual Integrations
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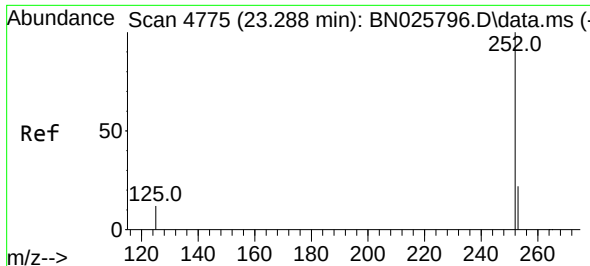
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#22
Chrysene
Concen: 5.350 ng/ul
RT: 21.603 min Scan# 4198
Delta R.T. -0.005 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

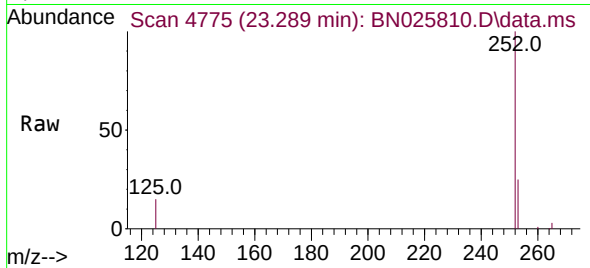
Tgt Ion:228 Resp: 327708
Ion Ratio Lower Upper
228 100
226 31.8 24.7 37.1
229 22.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.805 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.002 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

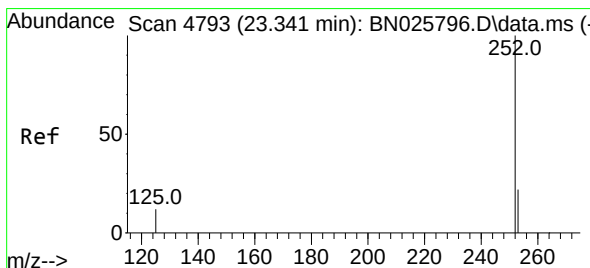
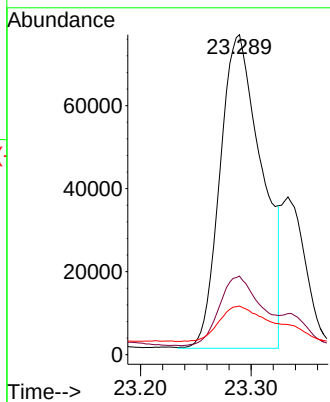
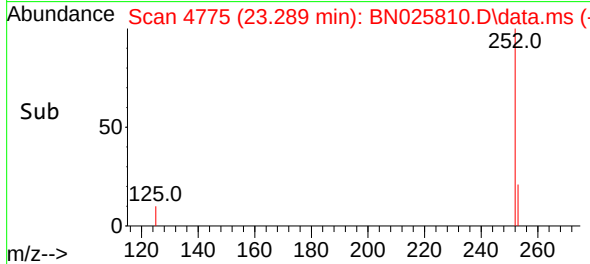
Instrument :
BNA_N
ClientSampleId :
EW986



Tgt Ion:252 Resp: 198075
Ion Ratio Lower Upper
252 100
253 24.5 0.0 56.0
125 15.2 0.0 28.0

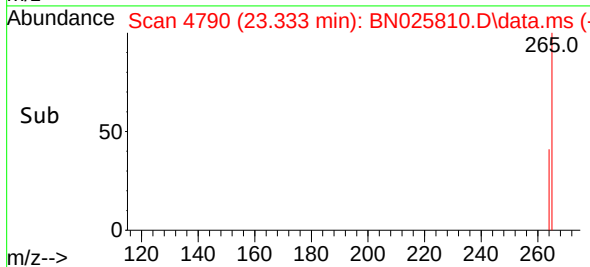
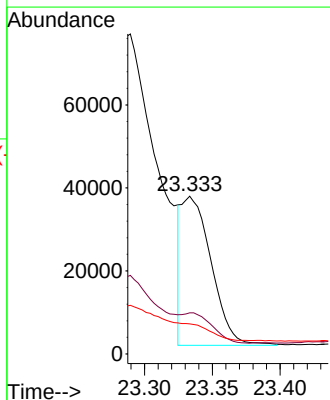
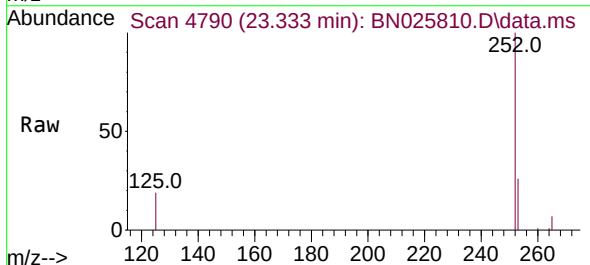
Manual Integrations
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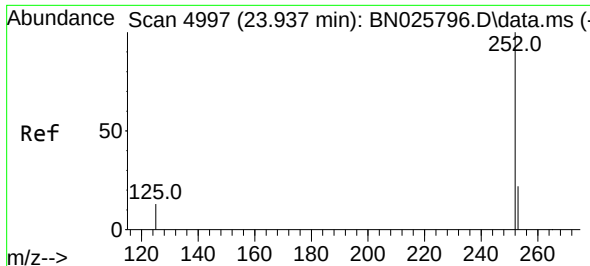
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#25
Benzo(k)fluoranthene
Concen: 0.775 ng/ul m
RT: 23.333 min Scan# 4790
Delta R.T. -0.008 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

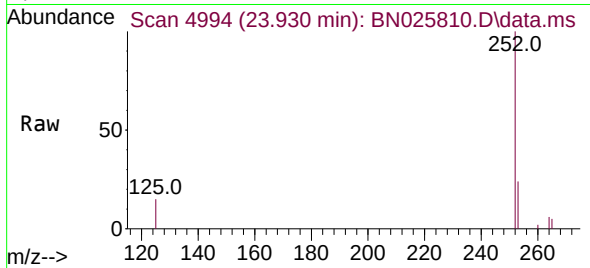
Tgt Ion:252 Resp: 54877
Ion Ratio Lower Upper
252 100
253 26.1 23.3 34.9
125 19.1 11.6 17.4#





#26
Benzo(a)pyrene
Concen: 3.009 ng/ul
RT: 23.930 min Scan# 4994
Delta R.T. -0.013 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

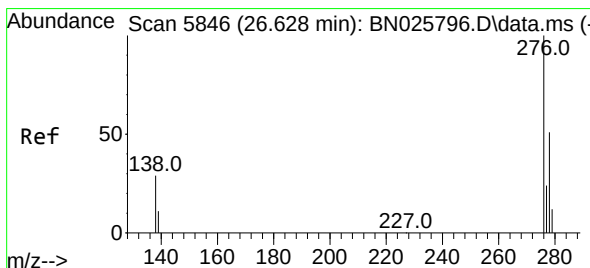
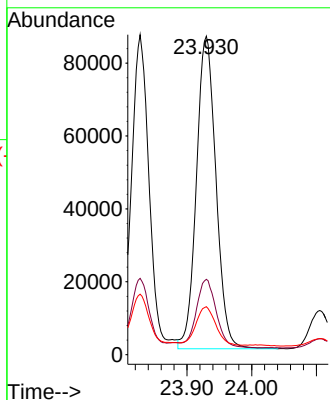
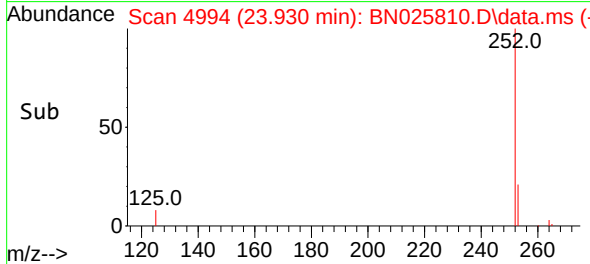
Instrument :
BNA_N
ClientSampleId :
EW986



Tgt Ion:252 Resp: 180035
Ion Ratio Lower Upper
252 100
253 23.7 25.8 38.8
125 15.1 13.5 20.3

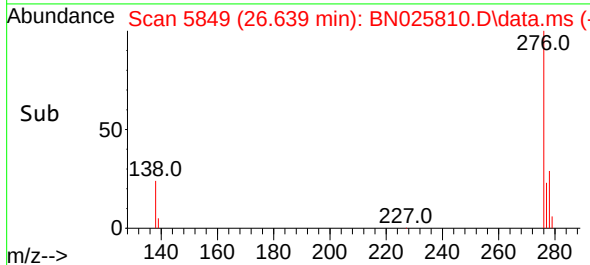
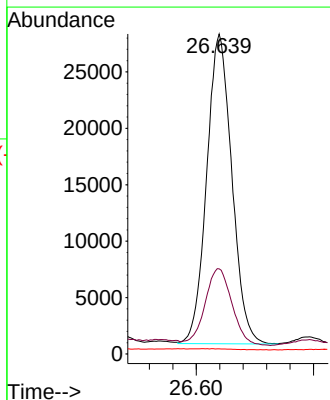
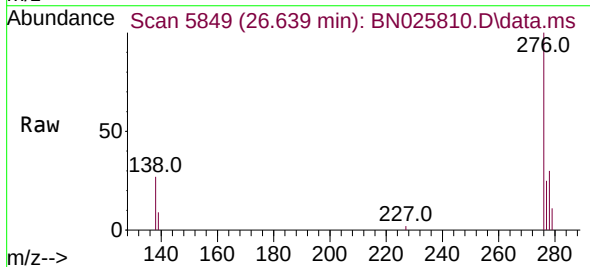
Manual Integrations
APPROVED

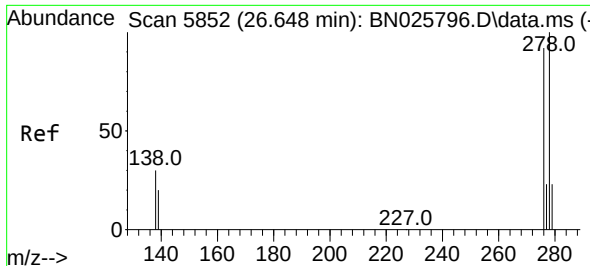
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.200 ng/ul
RT: 26.639 min Scan# 5849
Delta R.T. -0.019 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

Tgt Ion:276 Resp: 81859
Ion Ratio Lower Upper
276 100
138 26.6 24.6 36.8
227 0.0 0.0 0.0





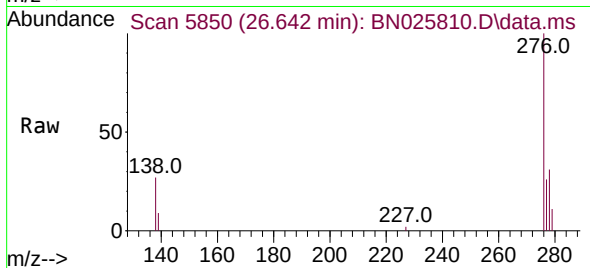
#28
Dibenzo(a,h)anthracene
Concen: 0.583 ng/ul
RT: 26.642 min Scan# 5852
Delta R.T. -0.043 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21

Instrument :

BNA_N

ClientSampleId :

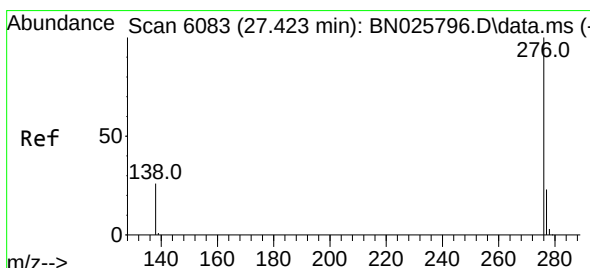
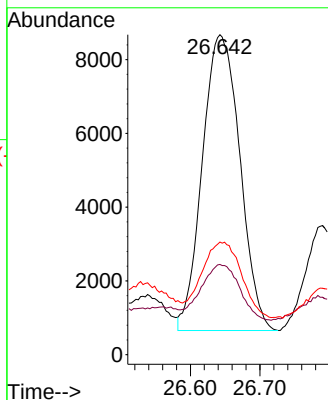
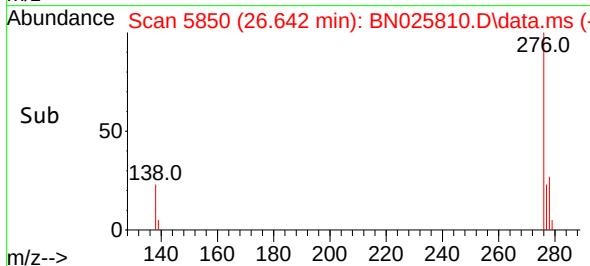
EW986



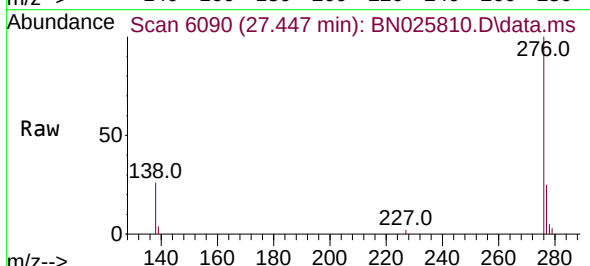
Tgt Ion:278 Resp: 3012
Ion Ratio Lower Upper
278 100
139 28.2 17.9 26.9
279 35.2 25.3 37.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/14/2023



#29
Benzo(g,h,i)perylene
Concen: 1.481 ng/ul
RT: 27.447 min Scan# 6090
Delta R.T. -0.002 min
Lab File: BN025810.D
Acq: 13 Jun 2023 17:21



Tgt Ion:276 Resp: 90659
Ion Ratio Lower Upper
276 100
138 26.3 21.8 32.8
277 24.8 19.4 29.2

