

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
 Data File : BN027896.D
 Acq On : 27 Sep 2023 12:31
 Operator : MA/JU
 Sample : 04387-02
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/28/2023
 Supervised By :mohammad ahmed 09/28/2023

Quant Time: Sep 28 00:00:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	4313	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	16015	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.601	164	10143	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	23567	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	23588	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	25732	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	20556	3.784	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	8685	0.358	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	24007	0.333	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	4404	0.096	ng/ul#	95
7) 2-Methylnaphthalene	12.434	142	4176	0.144	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	3532	0.118	ng/ul	98
10) Acenaphthylene	14.333	152	3823	0.086	ng/ul#	93
11) Acenaphthene	14.666	153	879	0.023	ng/ul	93
12) Fluorene	15.651	166	1525	0.034	ng/ul#	92
15) Phenanthrene	17.396	178	33433	0.451	ng/ul	98
16) Anthracene	17.489	178	4421	0.071	ng/ul#	93
19) Fluoranthene	19.408	202	89877	0.942	ng/ul	97
20) Pyrene	19.776	202	74606m	0.759	ng/ul	
21) Benzo(a)anthracene	21.522	228	39052	0.428	ng/ul	97
22) Chrysene	21.574	228	53960	0.572	ng/ul	98
24) Benzo(b)fluoranthene	23.240	252	87757m	0.765	ng/ul	
25) Benzo(k)fluoranthene	23.290	252	29231m	0.263	ng/ul	
26) Benzo(a)pyrene	23.901	252	46808	0.507	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.606	276	41726	0.353	ng/ul#	67
28) Dibenzo(a,h)anthracene	26.623	278	9972	0.105	ng/ul#	1
29) Benzo(g,h,i)perylene	27.428	276	46336	0.462	ng/ul#	84

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

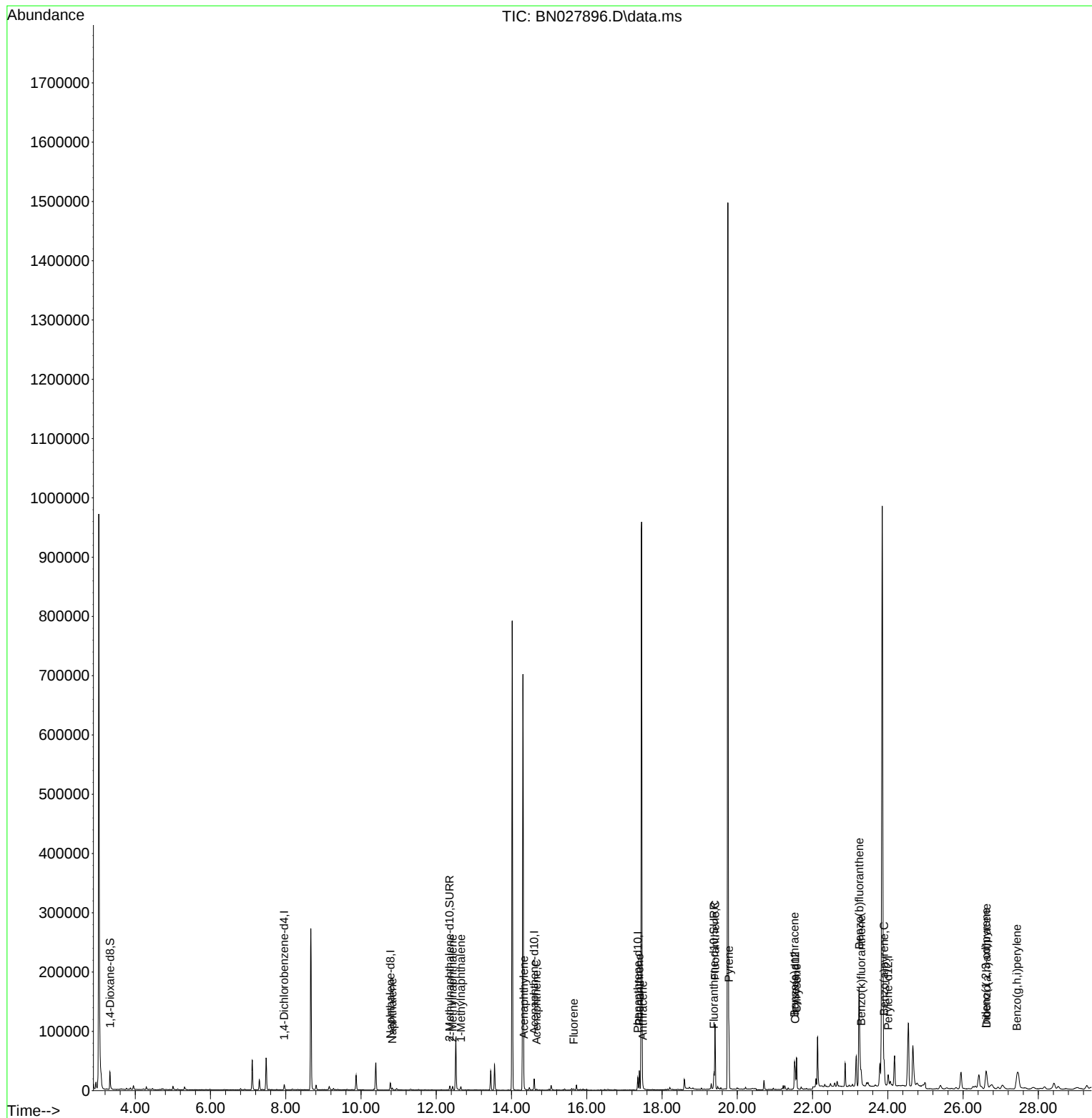
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092623\
Data File : BN027896.D
Acq On : 27 Sep 2023 12:31
Operator : MA/JU
Sample : 04387-02
Misc :
ALS Vial : 46 Sample Multiplier: 1

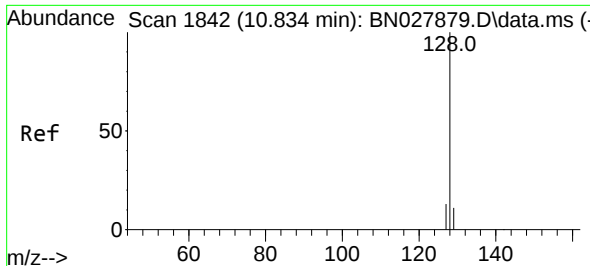
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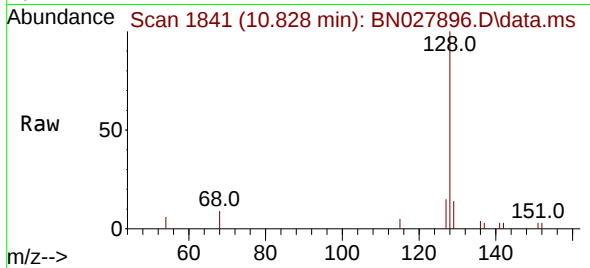
Quant Time: Sep 28 00:00:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.096 ng/ul
RT: 10.828 min Scan# 1842
Delta R.T. -0.005 min
Lab File: BN027896.D
Acq: 27 Sep 2023 12:31

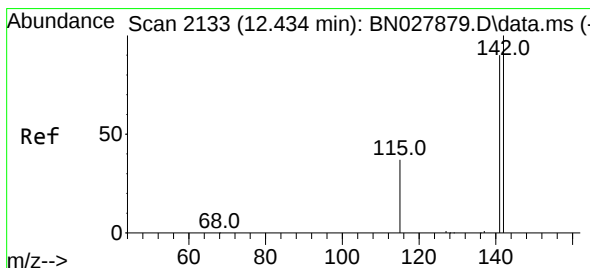
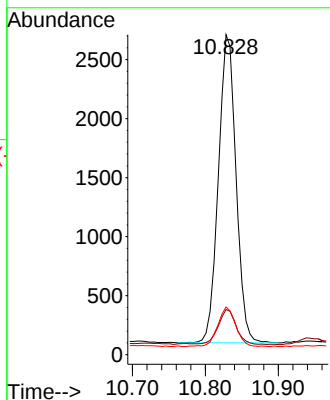
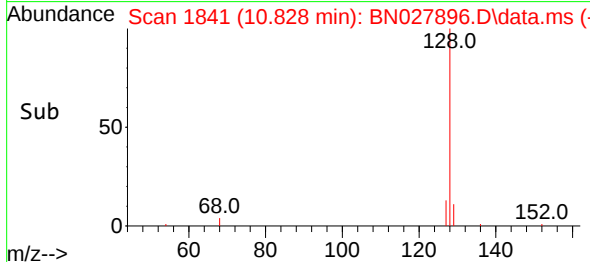
Instrument :
BNA_N
ClientSampleId :
C0AA1



Tgt Ion:128 Resp: 4404
Ion Ratio Lower Upper
128 100
129 14.1 9.3 13.9
127 14.9 10.7 16.1

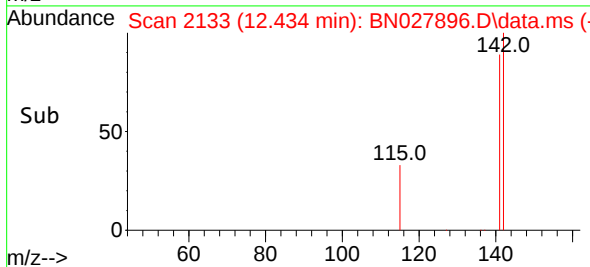
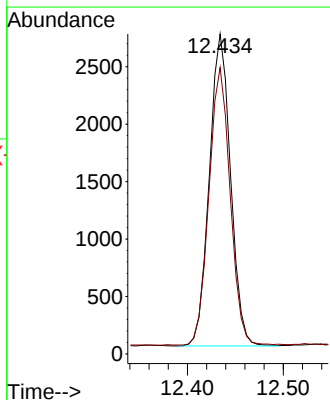
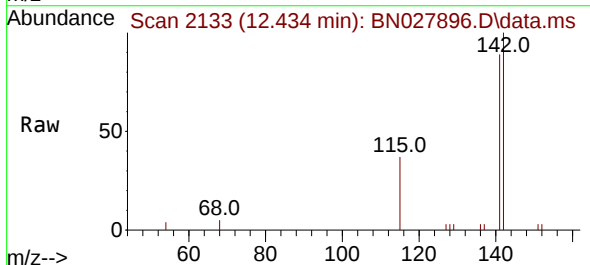
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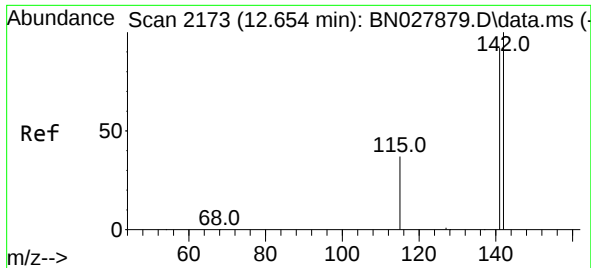
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#7
2-Methylnaphthalene
Concen: 0.144 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027896.D
Acq: 27 Sep 2023 12:31

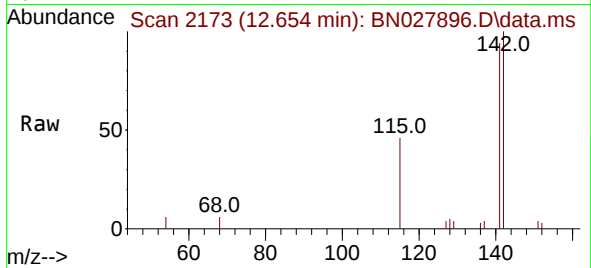
Tgt Ion:142 Resp: 4176
Ion Ratio Lower Upper
142 100
141 88.6 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.118 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027896.D
Acq: 27 Sep 2023 12:31

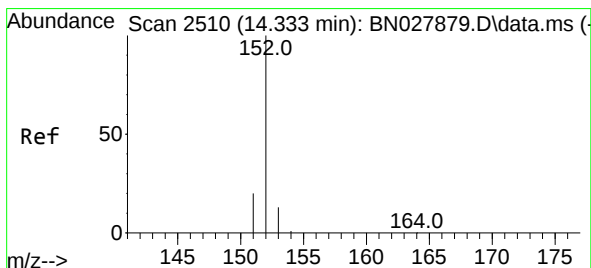
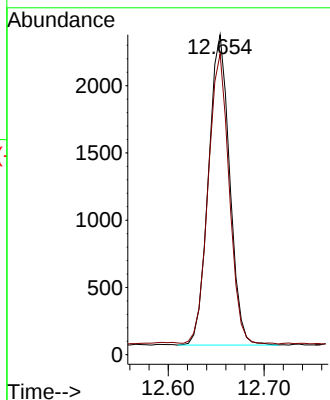
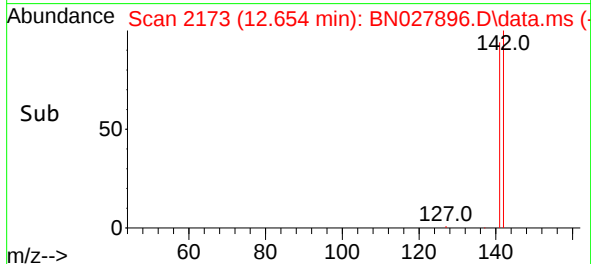
Instrument :
BNA_N
ClientSampleId :
C0AA1



Tgt Ion:142 Resp: 3532
Ion Ratio Lower Upper
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141 92.6 72.8 109.2

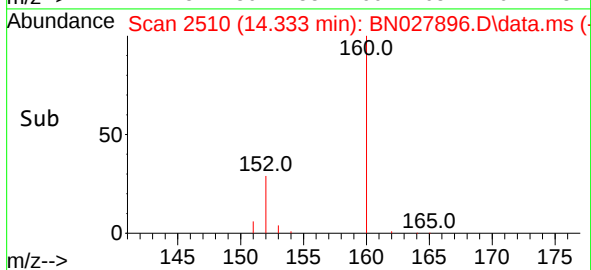
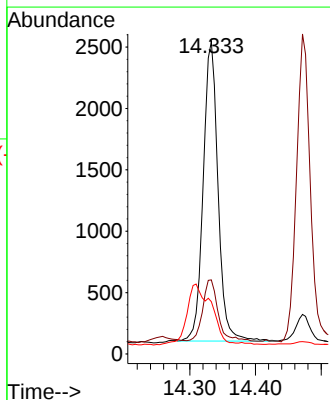
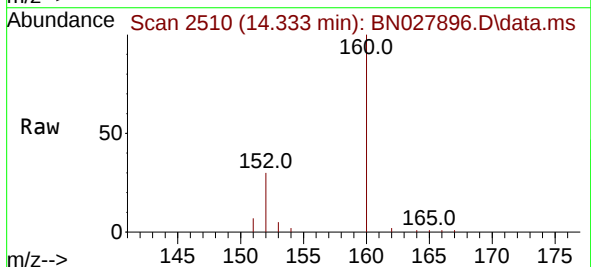
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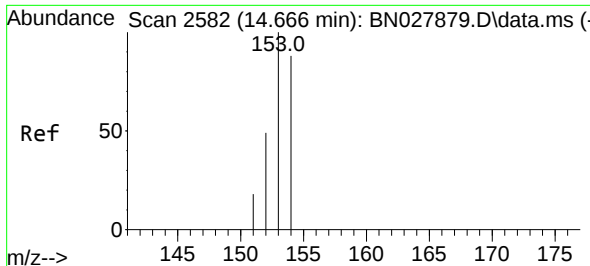
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#10
Acenaphthylene
Concen: 0.086 ng/ul
RT: 14.333 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BN027896.D
Acq: 27 Sep 2023 12:31

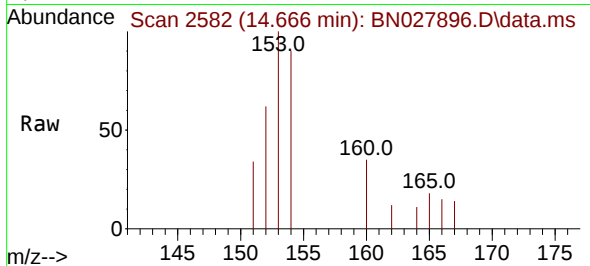
Tgt Ion:152 Resp: 3823
Ion Ratio Lower Upper
152 100
151 23.7 16.6 25.0
153 16.8 11.0 16.6#





#11
Acenaphthene
Concen: 0.023 ng/u1
RT: 14.666 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027896.D
Acq: 27 Sep 2023 12:31

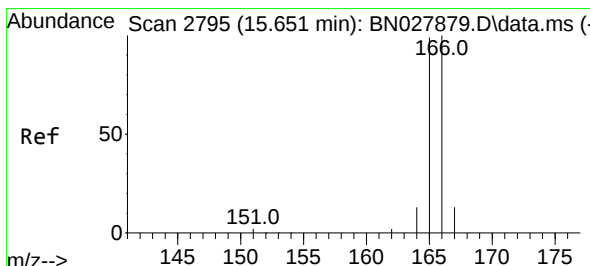
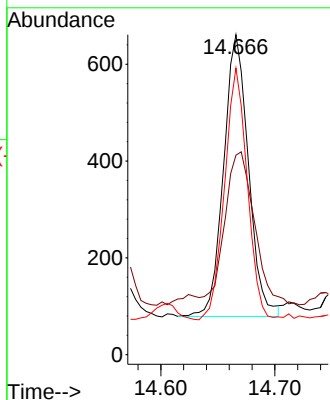
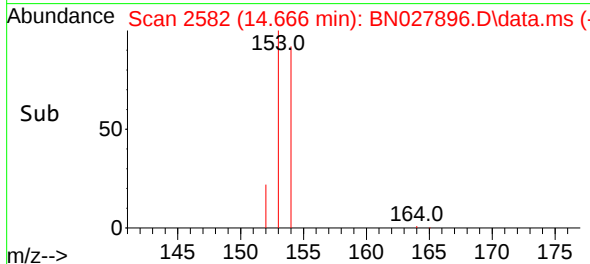
Instrument :
BNA_N
ClientSampleId :
C0AA1



Tgt Ion:153 Resp: 879
Ion Ratio Lower Upper
153 100
152 62.3 41.7 62.5
154 89.6 70.3 105.5

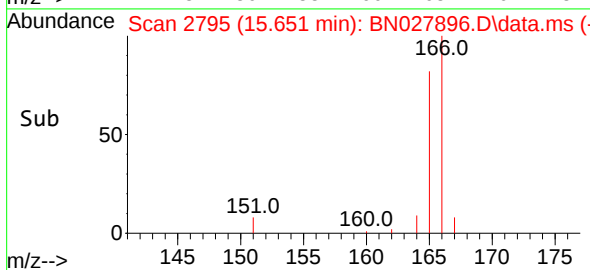
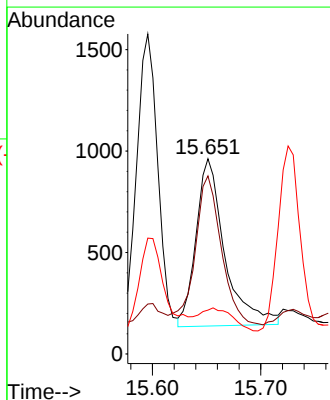
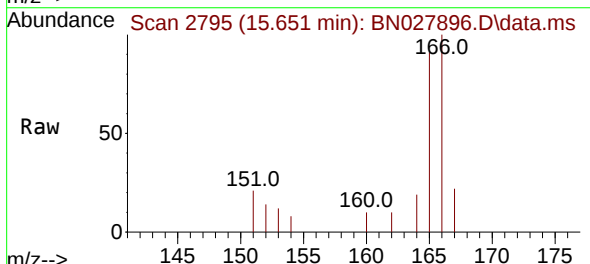
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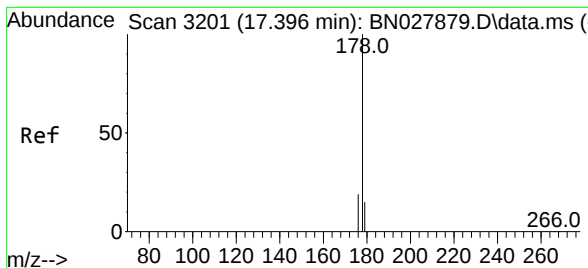
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#12
Fluorene
Concen: 0.034 ng/u1
RT: 15.651 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN027896.D
Acq: 27 Sep 2023 12:31

Tgt Ion:166 Resp: 1525
Ion Ratio Lower Upper
166 100
165 91.3 78.0 117.0
167 22.5 11.4 17.2#





#15

Phenanthrene

Concen: 0.451 ng/u1

RT: 17.396 min Scan# 3201

Delta R.T. 0.000 min

Lab File: BN027896.D

Acq: 27 Sep 2023 12:31

Instrument :

BNA_N

ClientSampleId :

C0AA1

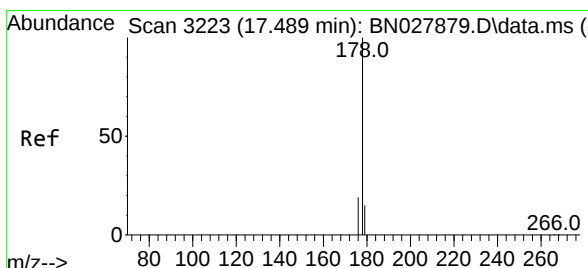
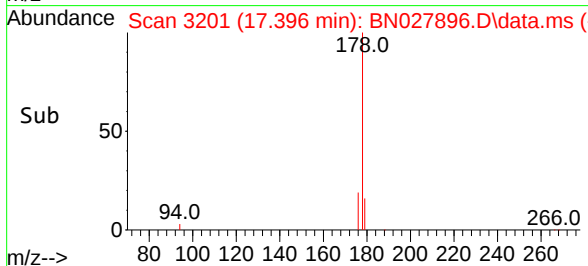
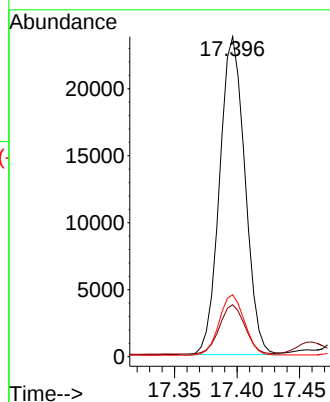
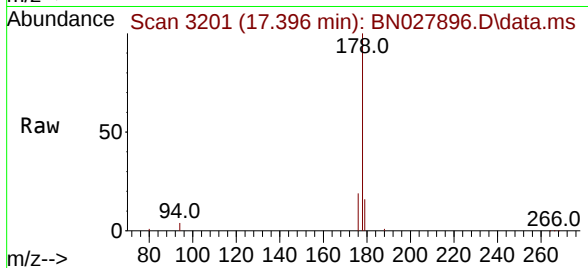
Tgt Ion:178	Resp:	3343
Ion Ratio	Lower	Upper
178	100	
179	16.3	12.4 18.6
176	19.3	16.0 24.0

Manual Integrations

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Supervised By :mohammad ahmed 09/28/2023



#16

Anthracene

Concen: 0.071 ng/u1

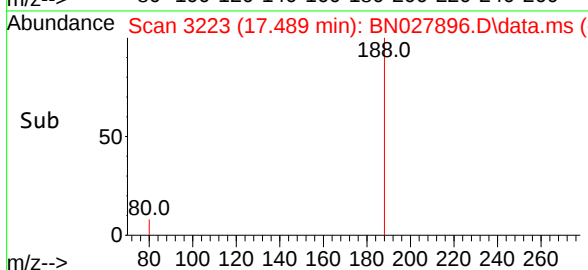
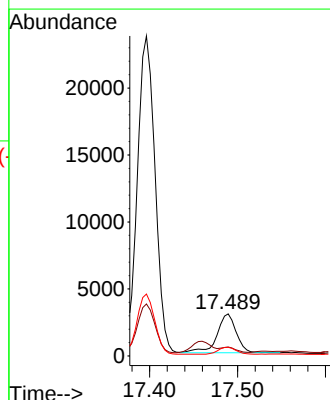
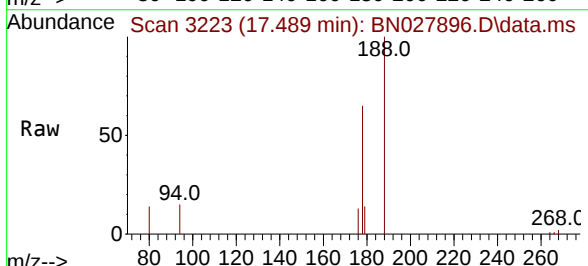
RT: 17.489 min Scan# 3223

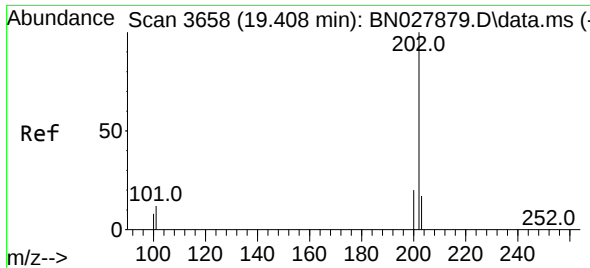
Delta R.T. 0.000 min

Lab File: BN027896.D

Acq: 27 Sep 2023 12:31

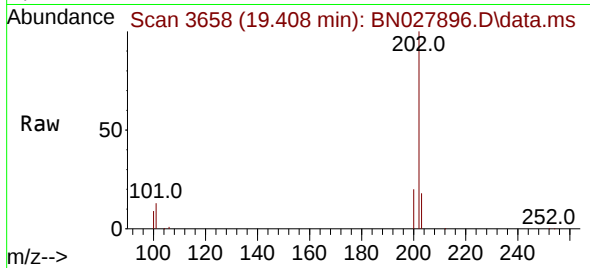
Tgt Ion:178	Resp:	4421
Ion Ratio	Lower	Upper
178	100	
179	21.1	12.6 19.0#
176	20.6	15.5 23.3





#19
Fluoranthene
Concen: 0.942 ng/ul
RT: 19.408 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BN027896.D
Acq: 27 Sep 2023 12:31

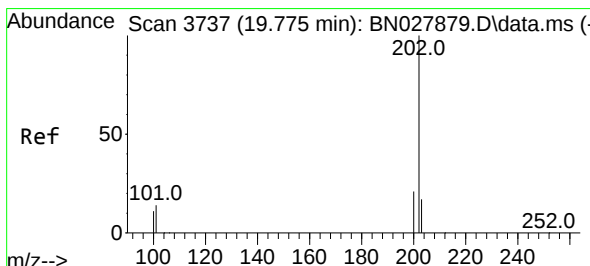
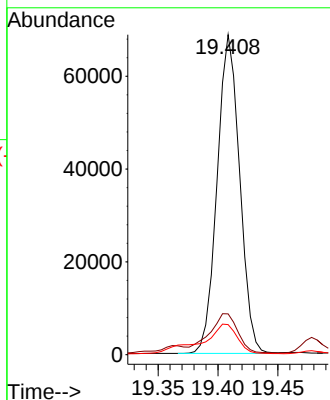
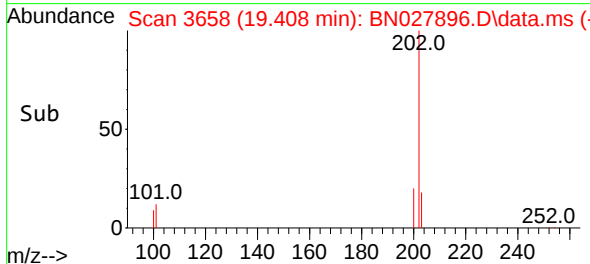
Instrument :
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ClientSampleId :
C0AA1



Tgt Ion:202 Resp: 8987
Ion Ratio Lower Upper
202 100
101 12.8 9.3 13.9
100 9.4 7.0 10.4

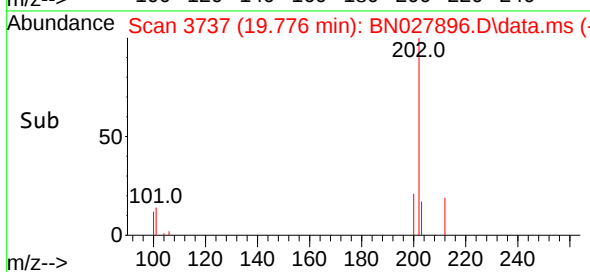
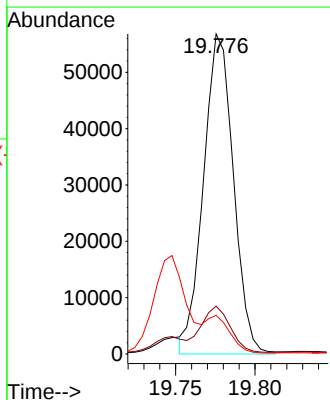
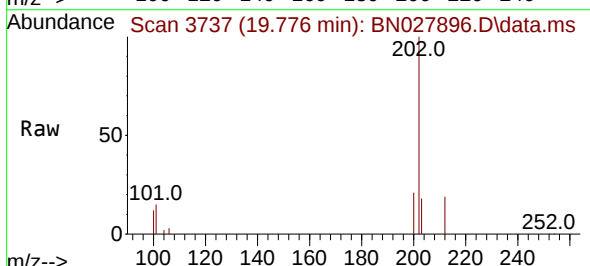
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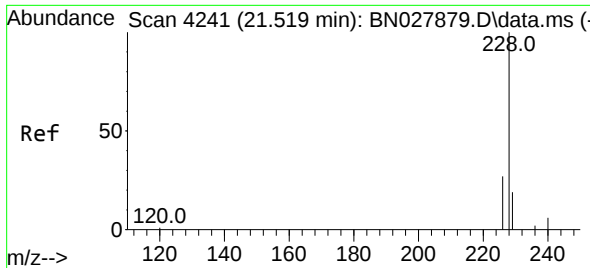
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#20
Pyrene
Concen: 0.759 ng/ul m
RT: 19.776 min Scan# 3737
Delta R.T. 0.000 min
Lab File: BN027896.D
Acq: 27 Sep 2023 12:31

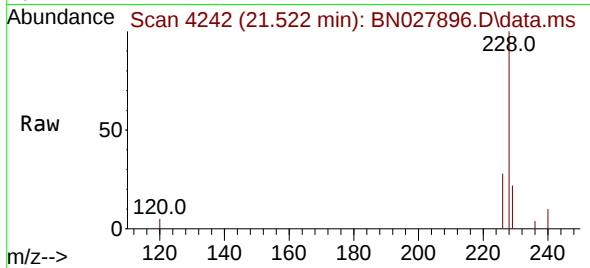
Tgt Ion:202 Resp: 74606
Ion Ratio Lower Upper
202 100
101 14.9 11.4 17.0
100 12.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.428 ng/ul
RT: 21.522 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN027896.D
Acq: 27 Sep 2023 12:31

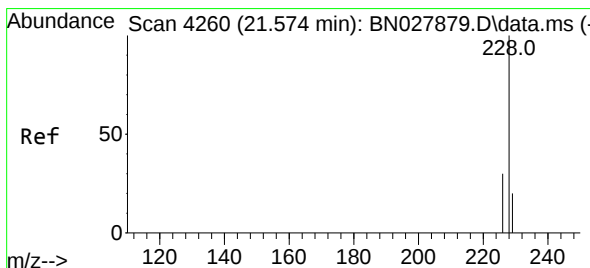
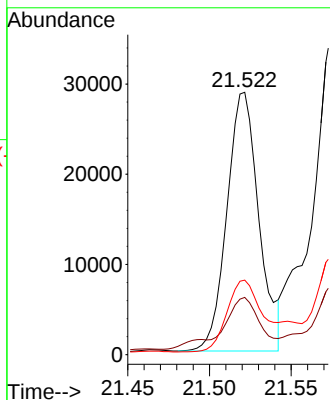
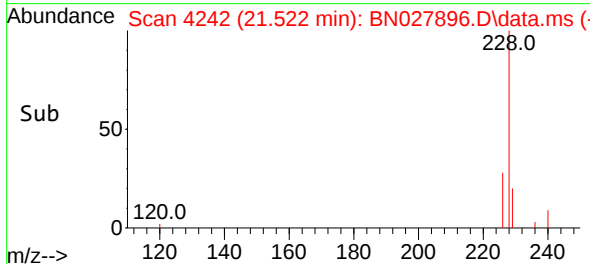
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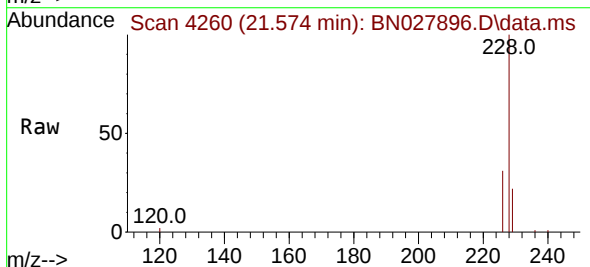
Tgt Ion:228 Resp: 39052
Ion Ratio Lower Upper
228 100
229 21.8 15.8 23.8
226 28.4 22.0 33.0

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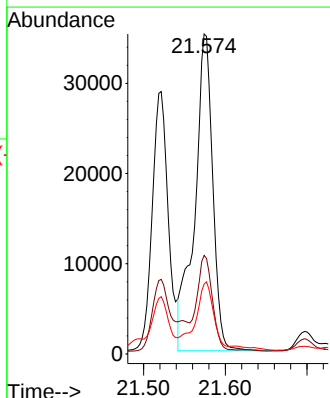
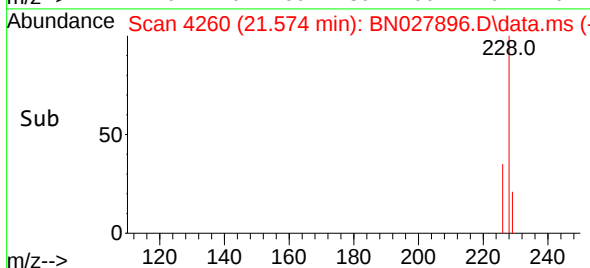
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

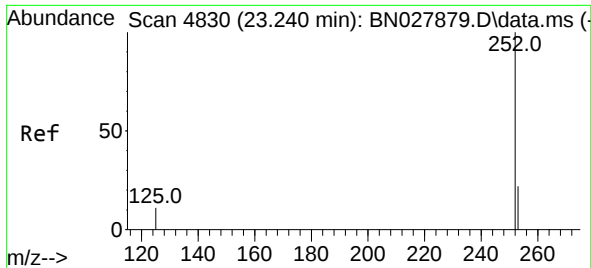


#22
Chrysene
Concen: 0.572 ng/ul
RT: 21.574 min Scan# 4260
Delta R.T. 0.000 min
Lab File: BN027896.D
Acq: 27 Sep 2023 12:31



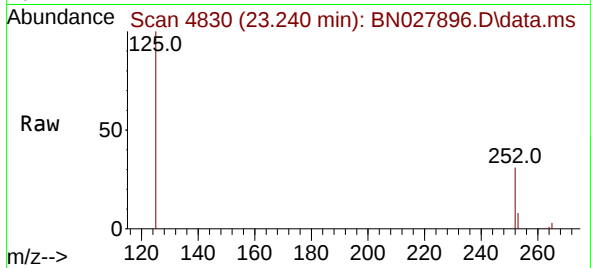
Tgt Ion:228 Resp: 53960
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 21.8 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.765 ng/ul m
RT: 23.240 min Scan# 4830
Delta R.T. 0.000 min
Lab File: BN027896.D
Acq: 27 Sep 2023 12:31

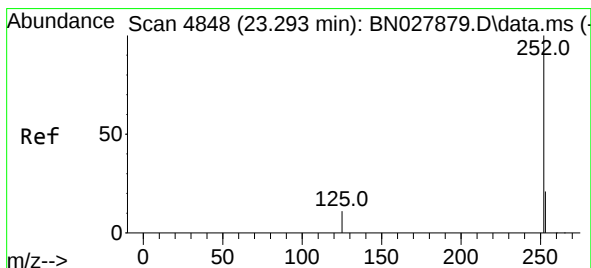
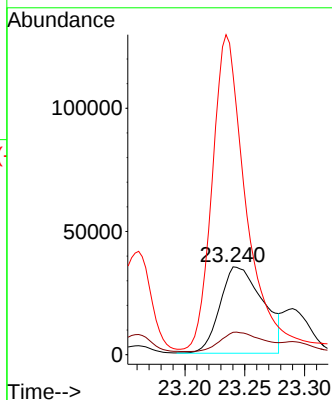
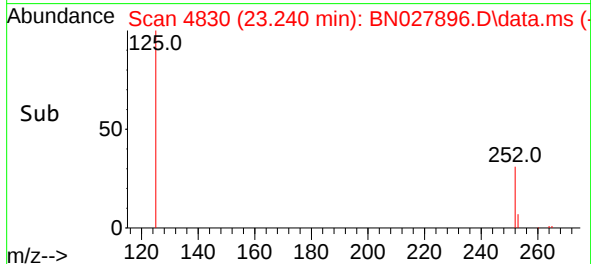
Instrument :
BNA_N
ClientSampleId :
C0AA1



Tgt Ion:252 Resp: 8775
Ion Ratio Lower Upper
252 100
253 25.5 0.0 50.2
125 318.9 0.0 31.4

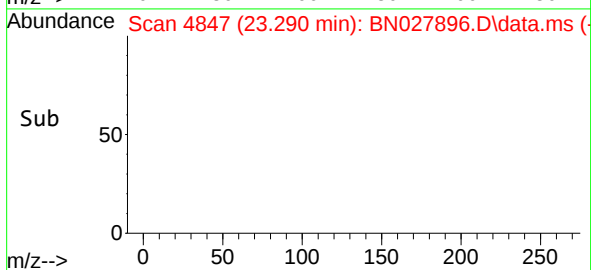
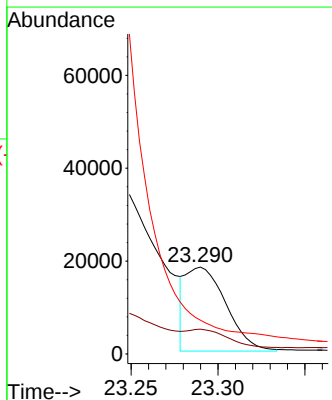
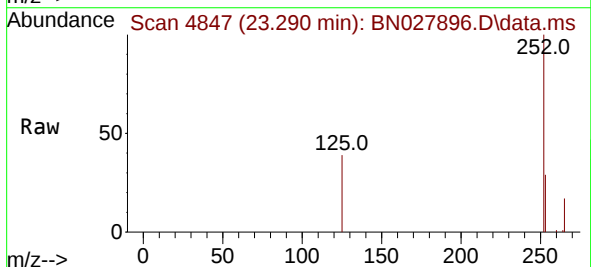
Manual Integrations
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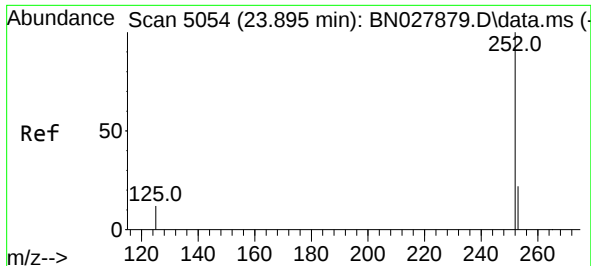
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.263 ng/ul m
RT: 23.290 min Scan# 4847
Delta R.T. -0.003 min
Lab File: BN027896.D
Acq: 27 Sep 2023 12:31

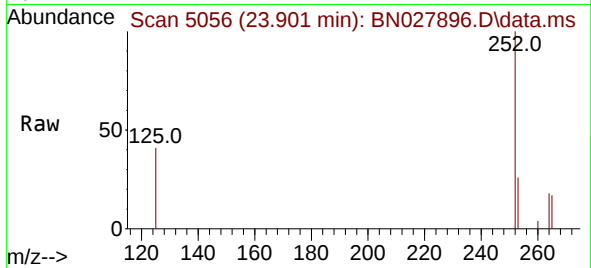
Tgt Ion:252 Resp: 29231
Ion Ratio Lower Upper
252 100
253 28.6 19.9 29.9
125 39.0 12.6 19.0





#26
Benzo(a)pyrene
Concen: 0.507 ng/ul
RT: 23.901 min Scan# 5056
Delta R.T. 0.006 min
Lab File: BN027896.D
Acq: 27 Sep 2023 12:31

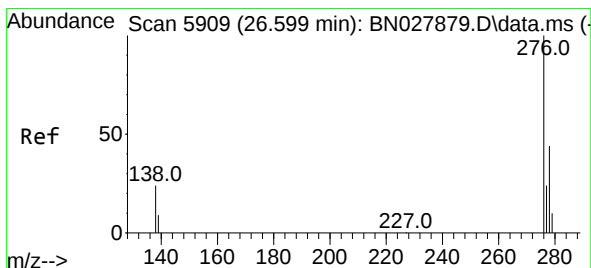
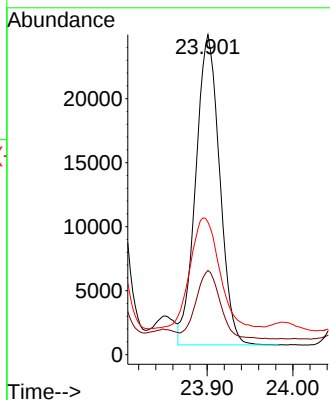
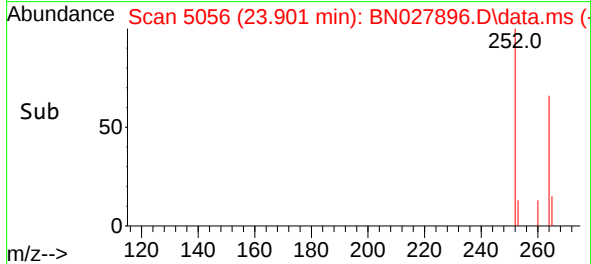
Instrument :
BNA_N
ClientSampleId :
C0AA1



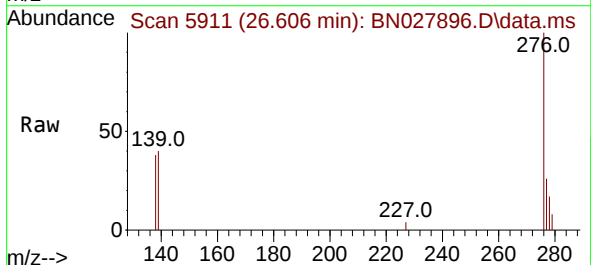
Tgt Ion:252 Resp: 46808
Ion Ratio Lower Upper
252 100
253 26.3 21.9 32.9
125 41.4 15.5 23.3

Manual Integrations
APPROVED

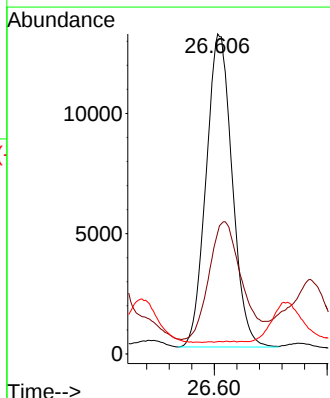
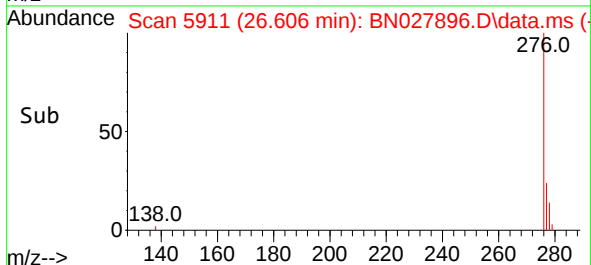
Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023

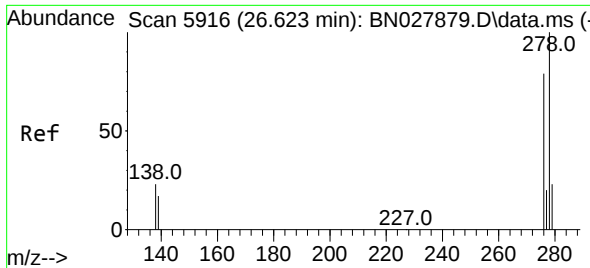


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng/ul
RT: 26.606 min Scan# 5911
Delta R.T. 0.007 min
Lab File: BN027896.D
Acq: 27 Sep 2023 12:31



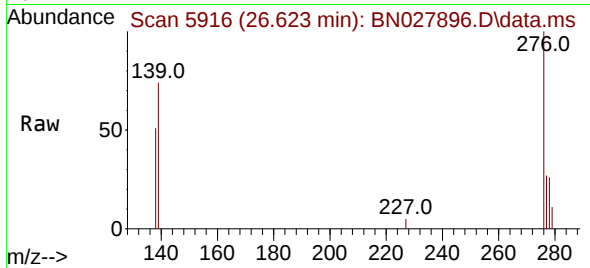
Tgt Ion:276 Resp: 41726
Ion Ratio Lower Upper
276 100
138 48.6 24.3 36.5#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.105 ng/ul
RT: 26.623 min Scan# 5916
Delta R.T. 0.000 min
Lab File: BN027896.D
Acq: 27 Sep 2023 12:31

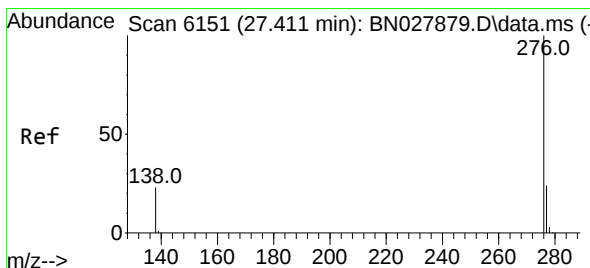
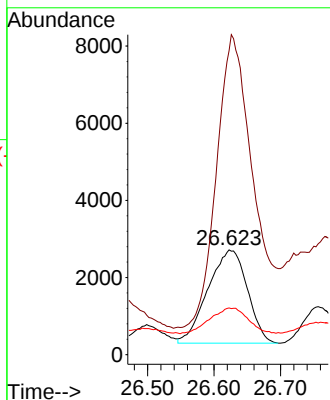
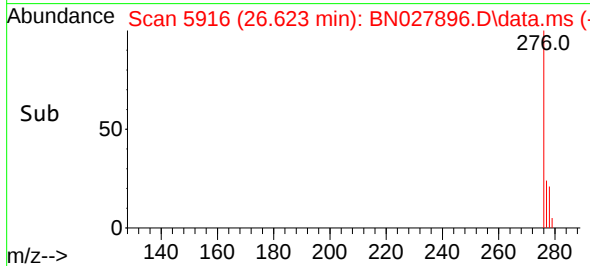
Instrument :
BNA_N
ClientSampleId :
C0AA1



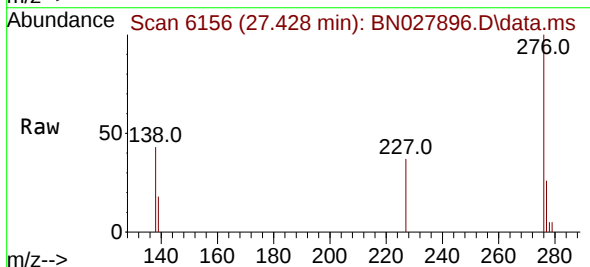
Tgt Ion:278 Resp: 9972
Ion Ratio Lower Upper
278 100
139 290.0 17.2 25.8
279 44.6 21.4 32.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/28/2023



#29
Benzo(g,h,i)perylene
Concen: 0.462 ng/ul
RT: 27.428 min Scan# 6156
Delta R.T. 0.017 min
Lab File: BN027896.D
Acq: 27 Sep 2023 12:31



Tgt Ion:276 Resp: 46336
Ion Ratio Lower Upper
276 100
138 43.1 21.7 32.5
277 25.5 20.2 30.2

