

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
 Data File : BN026916.D
 Acq On : 16 Aug 2023 00:58
 Operator : MA/JU
 Sample : 03965-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/16/2023
 Supervised By :Sohil Jodhani 08/16/2023

Quant Time: Aug 16 01:39:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 00:50:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	12961	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	43923	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.735	164	25817	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.481	188	57174	0.400	ng/ul	0.00
17) Chrysene-d12	21.653	240	51080	0.400	ng/ul	0.00
23) Perylene-d12	24.205	264	48310	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	45381	2.949	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.505	152	14680	0.227	ng/ul	0.00
18) Fluoranthene-d10	19.497	212	39080	0.242	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.988	128	7886	0.064	ng/ul#	94
7) 2-Methylnaphthalene	12.582	142	2809	0.037	ng/ul	99
8) 1-Methylnaphthalene	12.802	142	2162	0.027	ng/ul	100
10) Acenaphthylene	14.467	152	17156	0.119	ng/ul	99
11) Acenaphthene	14.800	153	2715	0.027	ng/ul	96
12) Fluorene	15.781	166	5490	0.048	ng/ul#	99
15) Phenanthrene	17.523	178	152185	0.810	ng/ul	99
16) Anthracene	17.616	178	39584	0.233	ng/ul	100
19) Fluoranthene	19.529	202	437457	2.062	ng/ul	100
20) Pyrene	19.892	202	386362m	1.707	ng/ul	
21) Benzo(a)anthracene	21.635	228	228872	1.127	ng/ul	98
22) Chrysene	21.691	228	175236	0.874	ng/ul	98
24) Benzo(b)fluoranthene	23.410	252	239350m	1.310	ng/ul	
25) Benzo(k)fluoranthene	23.459	252	89477m	0.496	ng/ul	
26) Benzo(a)pyrene	24.088	252	179835	1.091	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.891	276	110225	0.511	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.915	278	23814	0.139	ng/ul#	85
29) Benzo(g,h,i)perylene	27.733	276	92889	0.517	ng/ul	99

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

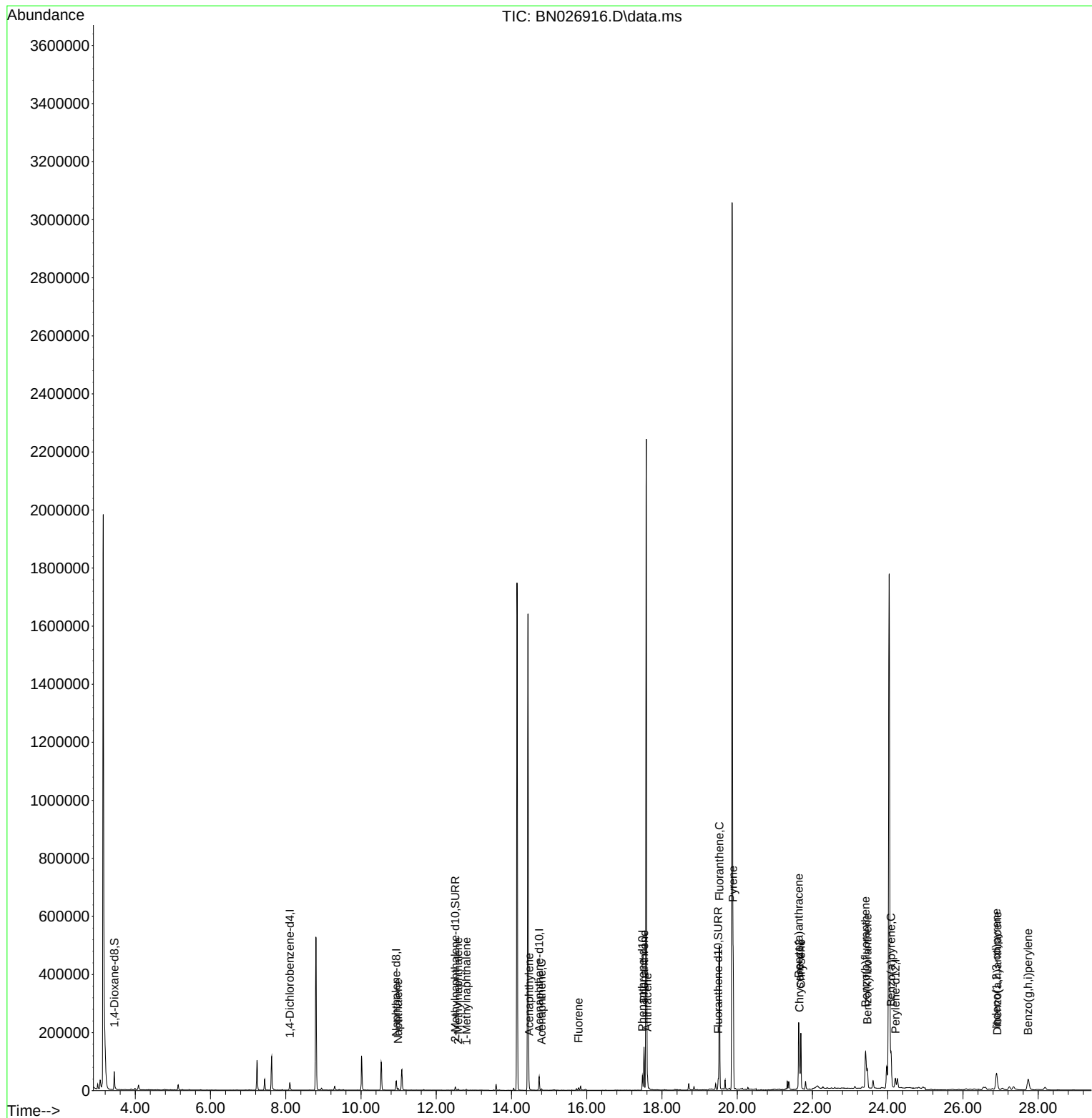
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
Data File : BN026916.D
Acq On : 16 Aug 2023 00:58
Operator : MA/JU
Sample : 03965-16
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ALS Vial : 27 Sample Multiplier: 1

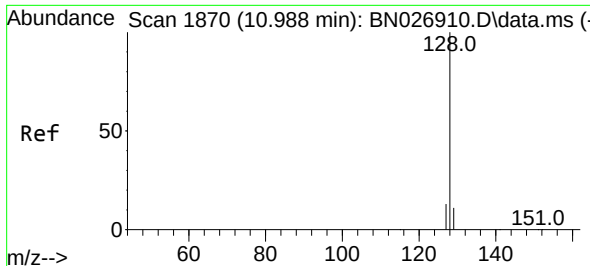
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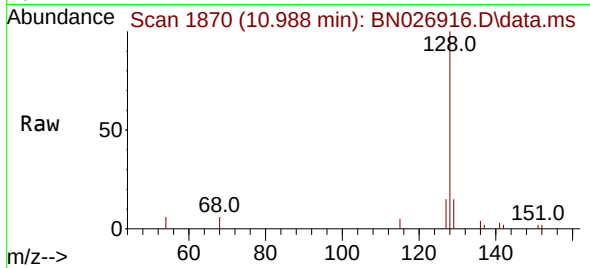
Quant Time: Aug 16 01:39:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 00:50:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.064 ng/ul
RT: 10.988 min Scan# 1870
Delta R.T. 0.005 min
Lab File: BN026916.D
Acq: 16 Aug 2023 00:58

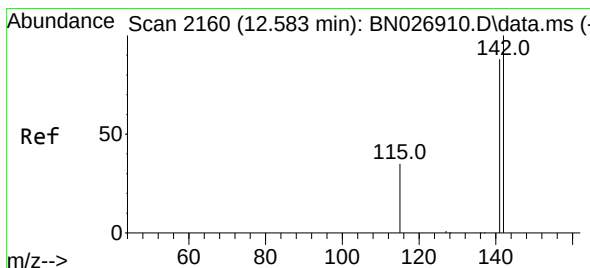
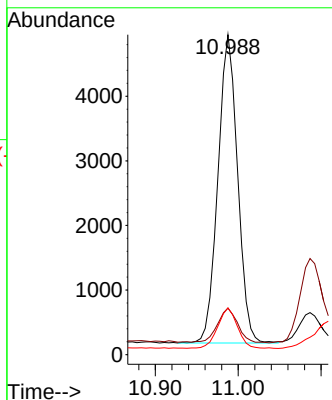
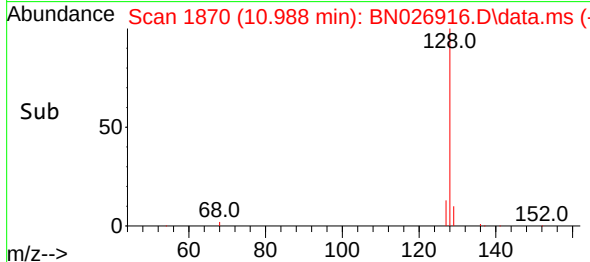
Instrument :
BNA_N
ClientSampleId :
A48L1



Tgt Ion:128 Resp: 7880
Ion Ratio Lower Upper
128 100
129 14.6 9.2 13.8
127 14.6 10.5 15.7

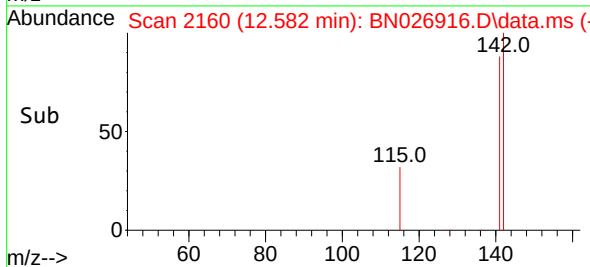
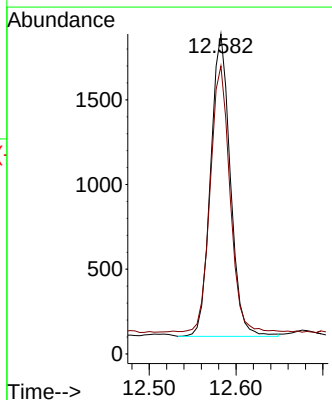
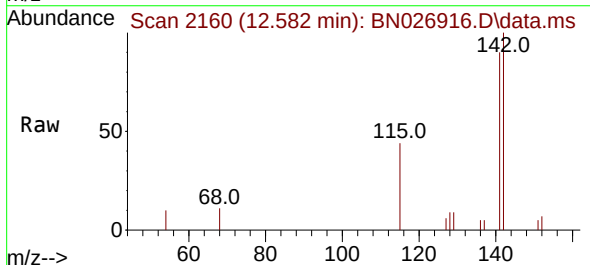
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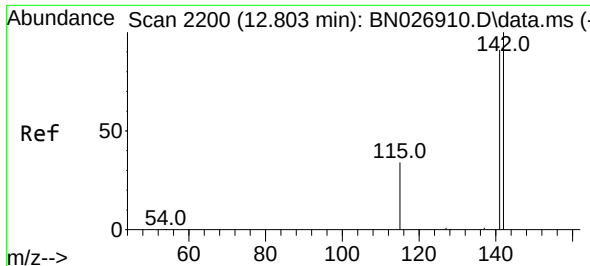
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.582 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BN026916.D
Acq: 16 Aug 2023 00:58

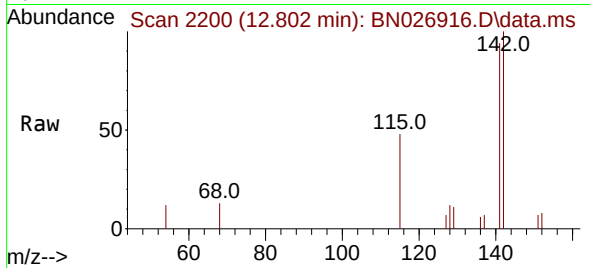
Tgt Ion:142 Resp: 2809
Ion Ratio Lower Upper
142 100
141 88.1 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.802 min Scan# 2162
Delta R.T. 0.005 min
Lab File: BN026916.D
Acq: 16 Aug 2023 00:58

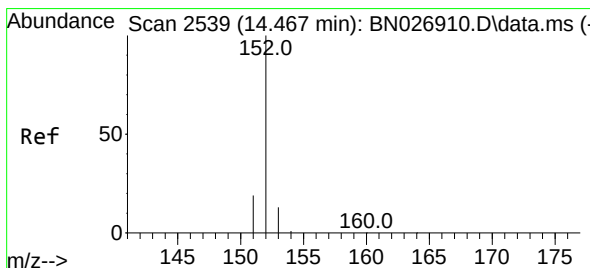
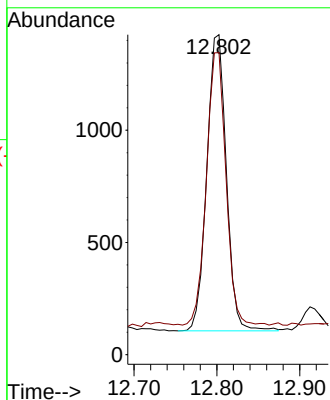
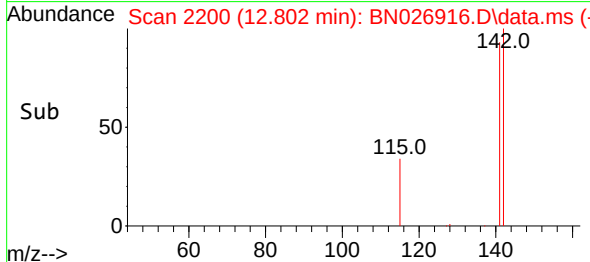
Instrument :
BNA_N
ClientSampleId :
A48L1



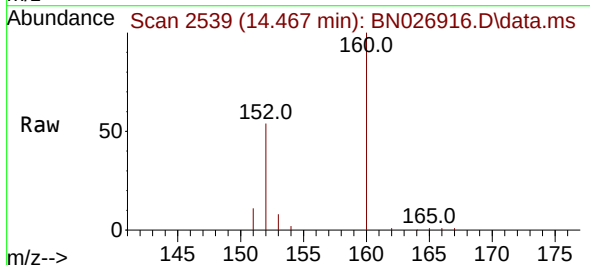
Tgt Ion:142 Resp: 2162
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8

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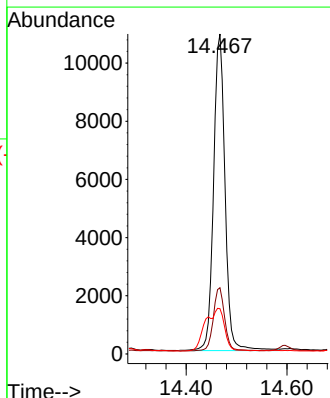
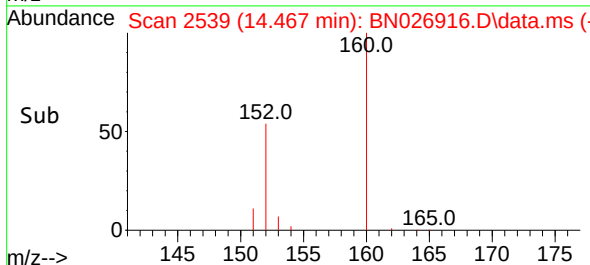
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023

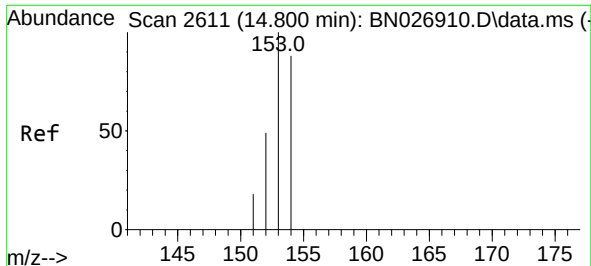


#10
Acenaphthylene
Concen: 0.119 ng/ul
RT: 14.467 min Scan# 2539
Delta R.T. 0.005 min
Lab File: BN026916.D
Acq: 16 Aug 2023 00:58



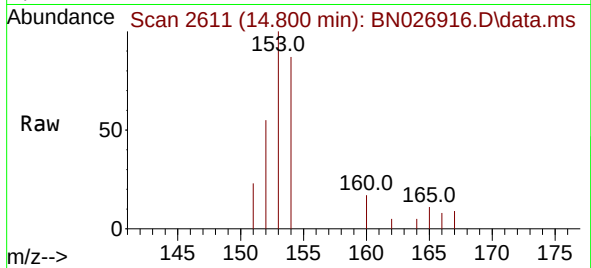
Tgt Ion:152 Resp: 17156
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 14.2 11.0 16.6





#11
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.800 min Scan# 2611
Delta R.T. -0.000 min
Lab File: BN026916.D
Acq: 16 Aug 2023 00:58

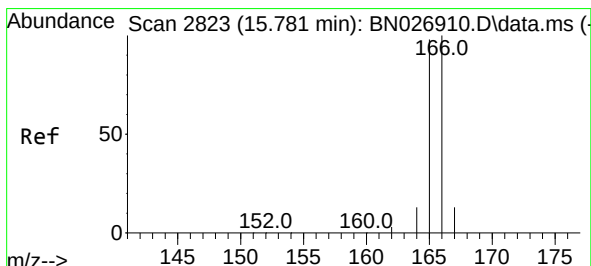
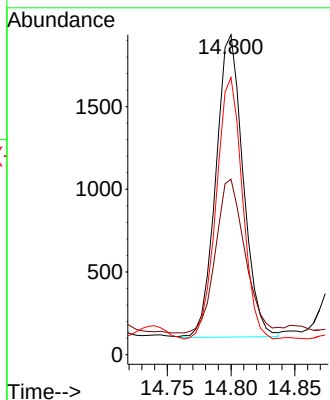
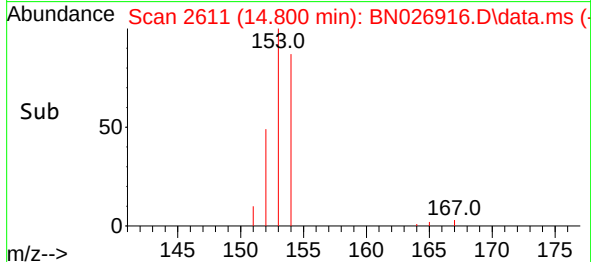
Instrument :
BNA_N
ClientSampleId :
A48L1



Tgt Ion:153 Resp: 2711
Ion Ratio Lower Upper
153 100
152 54.8 41.1 61.7
154 86.6 71.6 107.4

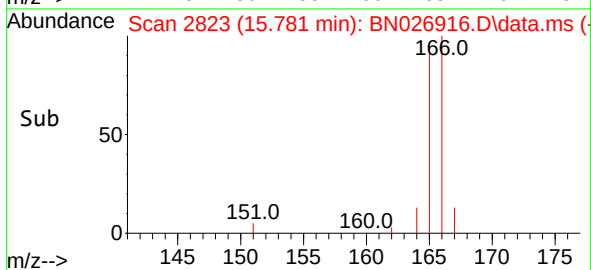
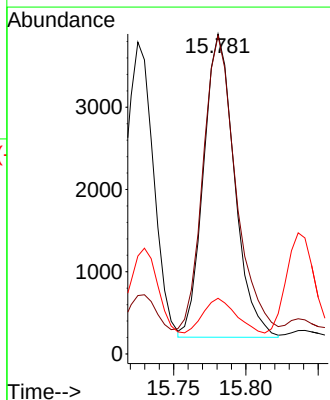
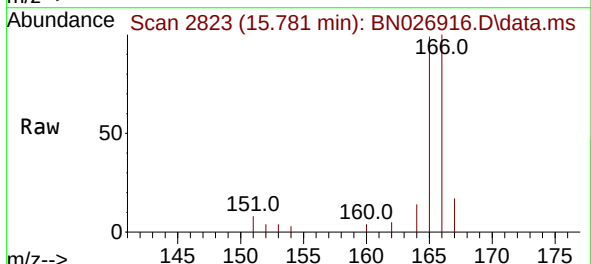
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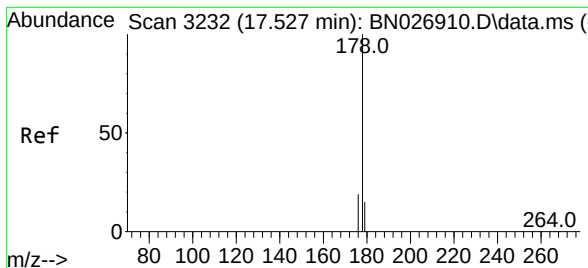
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#12
Fluorene
Concen: 0.048 ng/ul
RT: 15.781 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BN026916.D
Acq: 16 Aug 2023 00:58

Tgt Ion:166 Resp: 5490
Ion Ratio Lower Upper
166 100
165 99.4 79.1 118.7
167 17.4 11.4 17.0#





#15

Phenanthrene

Concen: 0.810 ng/u1

RT: 17.523 min Scan# 3231

Delta R.T. -0.000 min

Lab File: BN026916.D

Acq: 16 Aug 2023 00:58

Instrument :

BNA_N

ClientSampleId :

A48L1

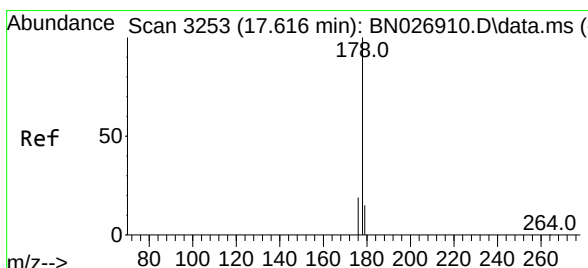
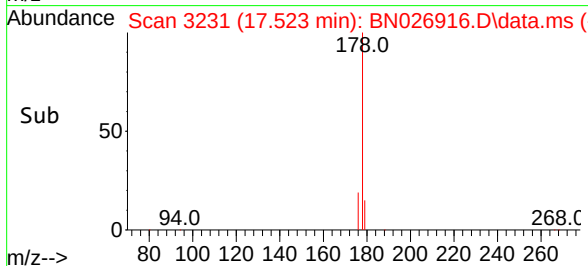
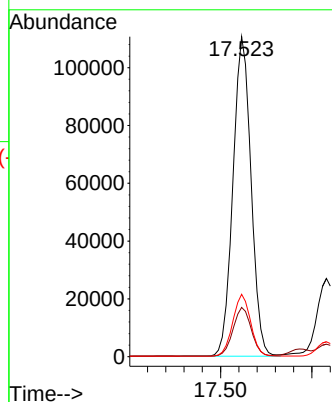
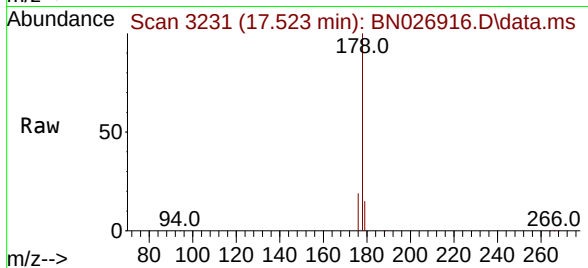
Tgt Ion:178	Resp: 15218
Ion Ratio	Lower Upper
178	100
179	15.4 12.6 18.8
176	19.5 15.4 23.2

Manual Integrations

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Supervised By :Sohil Jodhani 08/16/2023



#16

Anthracene

Concen: 0.233 ng/u1

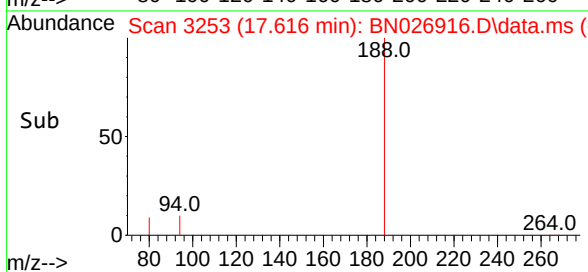
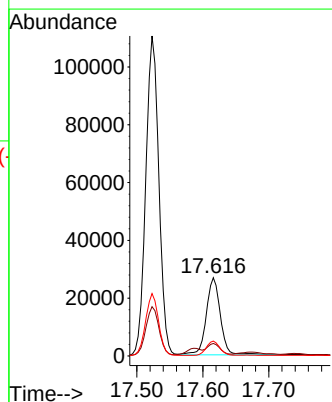
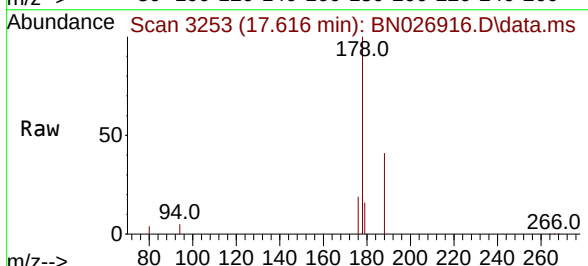
RT: 17.616 min Scan# 3253

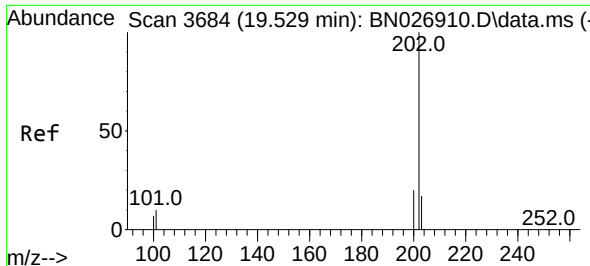
Delta R.T. -0.000 min

Lab File: BN026916.D

Acq: 16 Aug 2023 00:58

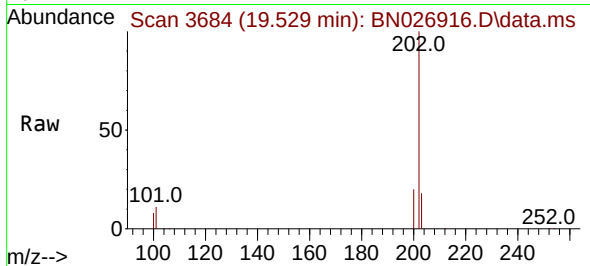
Tgt Ion:178	Resp: 39584
Ion Ratio	Lower Upper
178	100
179	16.0 12.6 19.0
176	19.0 15.0 22.6





#19
Fluoranthene
Concen: 2.062 ng/ul
RT: 19.529 min Scan# 3684
Delta R.T. -0.000 min
Lab File: BN026916.D
Acq: 16 Aug 2023 00:58

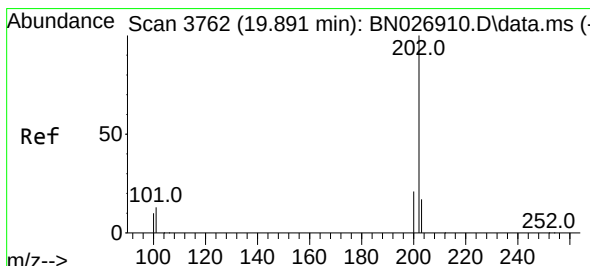
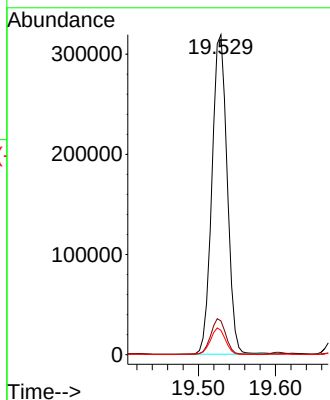
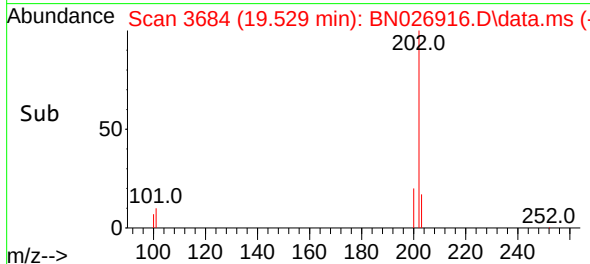
Instrument :
BNA_N
ClientSampleId :
A48L1



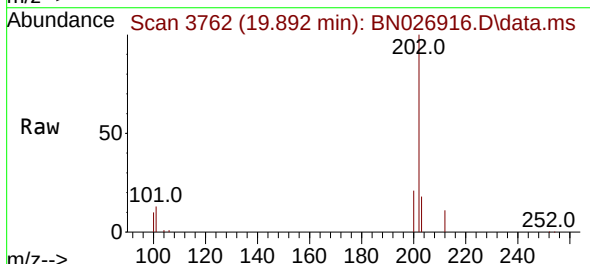
Tgt Ion:202 Resp: 43745
Ion Ratio Lower Upper
202 100
101 10.5 8.3 12.5
100 7.6 6.2 9.2

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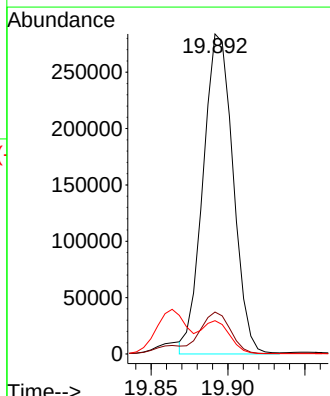
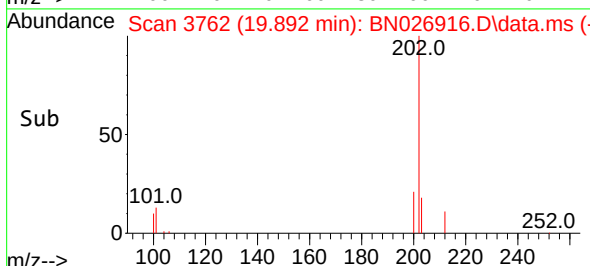
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023

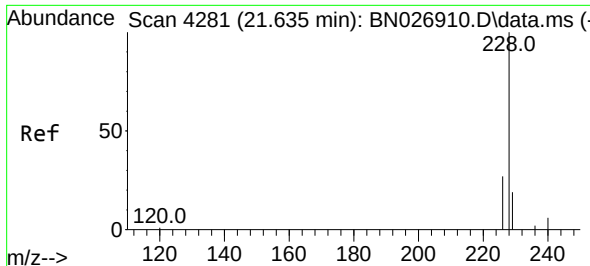


#20
Pyrene
Concen: 1.707 ng/ul m
RT: 19.892 min Scan# 3762
Delta R.T. -0.005 min
Lab File: BN026916.D
Acq: 16 Aug 2023 00:58



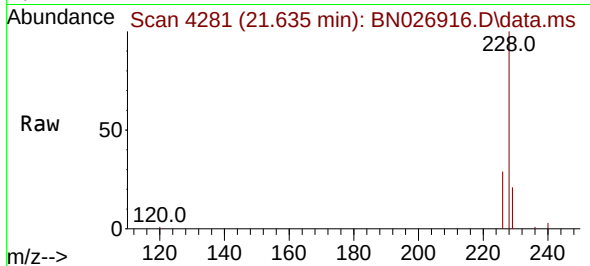
Tgt Ion:202 Resp: 386362
Ion Ratio Lower Upper
202 100
101 13.1 10.7 16.1
100 10.4 8.5 12.7





#21
Benzo(a)anthracene
Concen: 1.127 ng/ul
RT: 21.635 min Scan# 4281
Delta R.T. -0.006 min
Lab File: BN026916.D
Acq: 16 Aug 2023 00:58

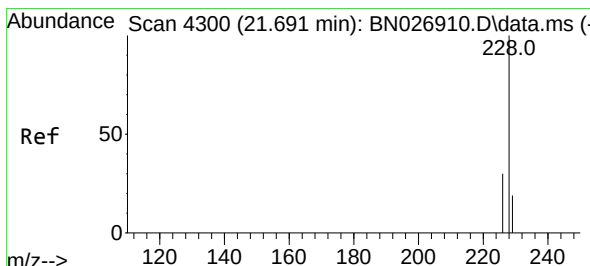
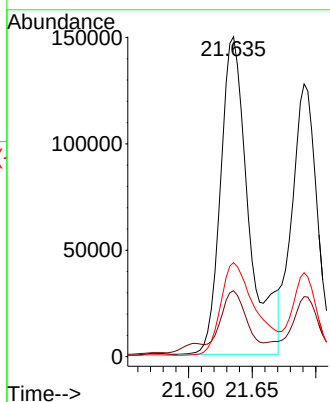
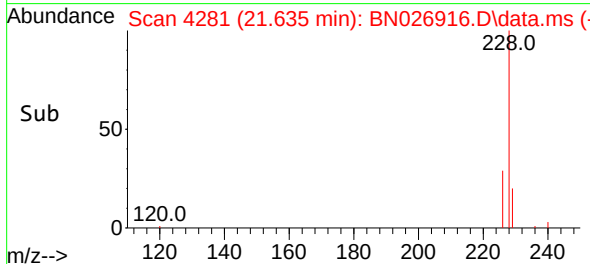
Instrument :
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Tgt Ion:228 Resp: 228872
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 29.4 22.2 33.2

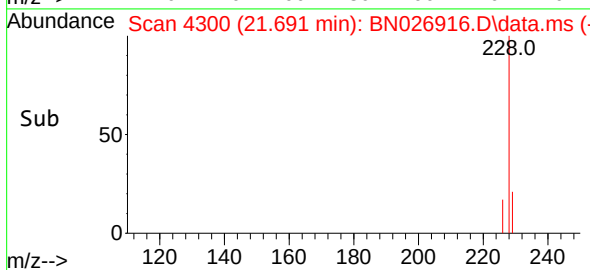
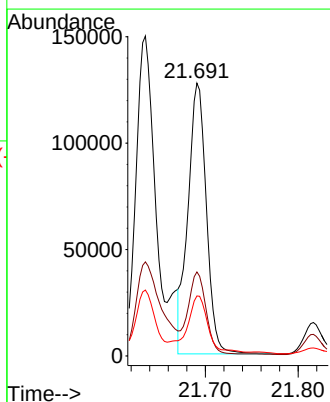
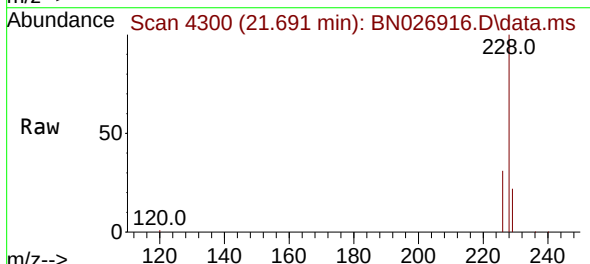
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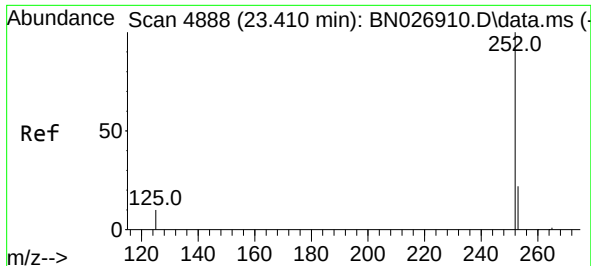
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#22
Chrysene
Concen: 0.874 ng/ul
RT: 21.691 min Scan# 4300
Delta R.T. -0.009 min
Lab File: BN026916.D
Acq: 16 Aug 2023 00:58

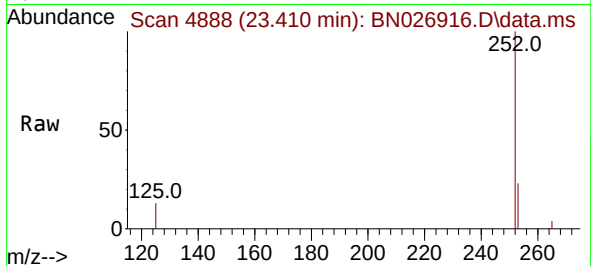
Tgt Ion:228 Resp: 175236
Ion Ratio Lower Upper
228 100
226 30.8 24.6 36.8
229 22.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.310 ng/ul m
RT: 23.410 min Scan# 4888
Delta R.T. -0.012 min
Lab File: BN026916.D
Acq: 16 Aug 2023 00:58

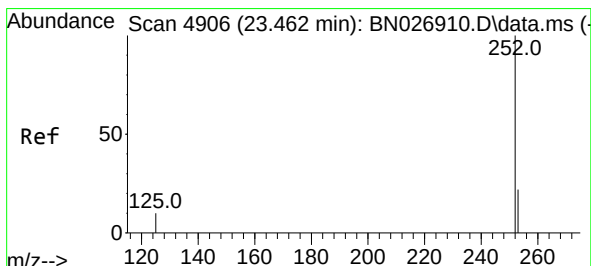
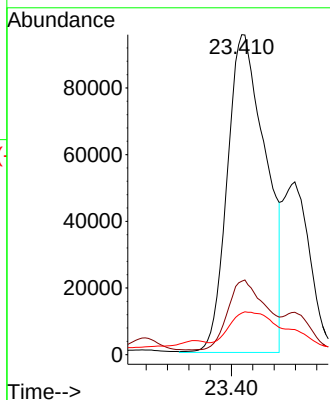
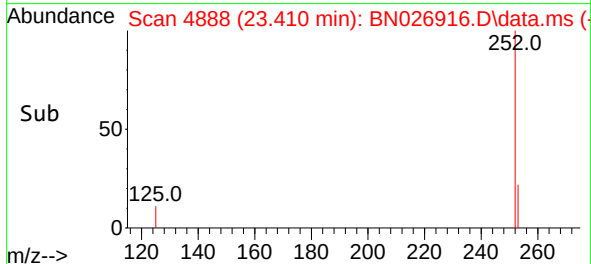
Instrument :
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Tgt Ion:252 Resp: 239350
Ion Ratio Lower Upper
252 100
253 22.9 0.0 46.8
125 13.0 0.0 25.2

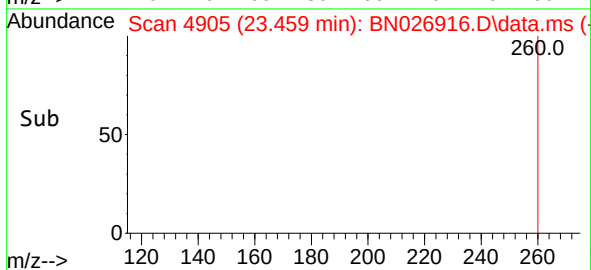
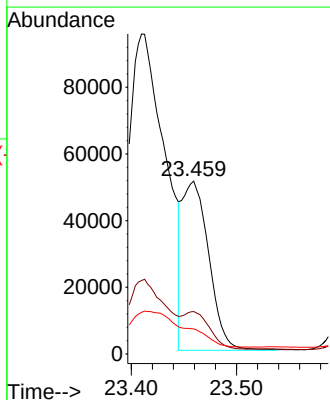
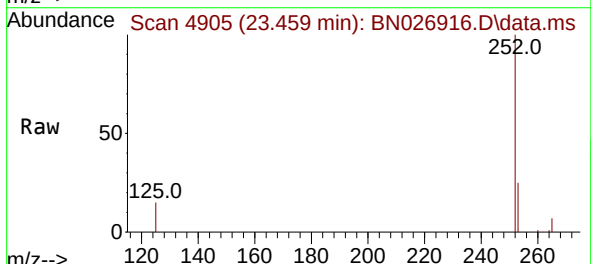
Manual Integrations
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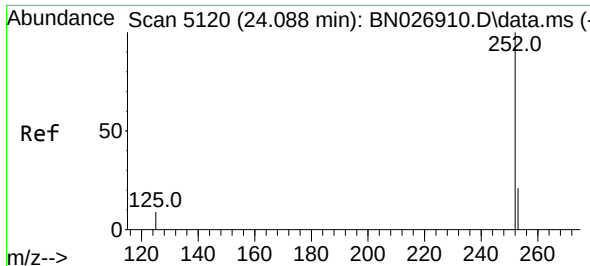
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#25
Benzo(k)fluoranthene
Concen: 0.496 ng/ul m
RT: 23.459 min Scan# 4905
Delta R.T. -0.015 min
Lab File: BN026916.D
Acq: 16 Aug 2023 00:58

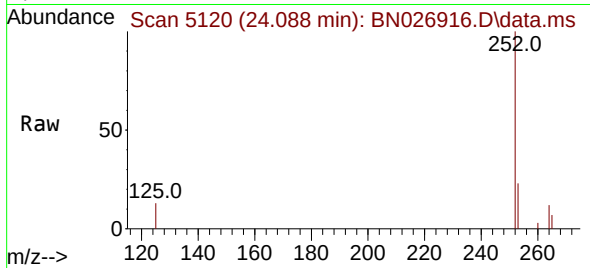
Tgt Ion:252 Resp: 89477
Ion Ratio Lower Upper
252 100
253 24.5 18.2 27.4
125 14.5 9.9 14.9





#26
Benzo(a)pyrene
Concen: 1.091 ng/ul
RT: 24.088 min Scan# 5120
Delta R.T. -0.012 min
Lab File: BN026916.D
Acq: 16 Aug 2023 00:58

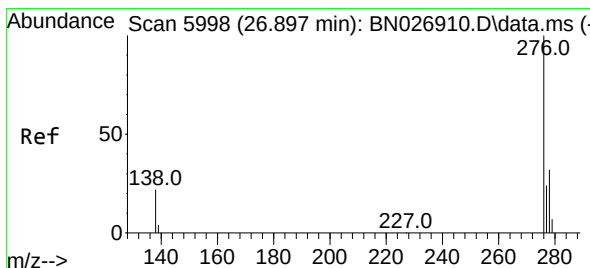
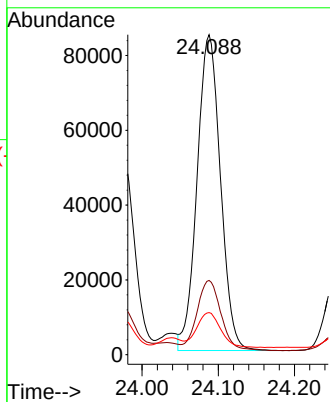
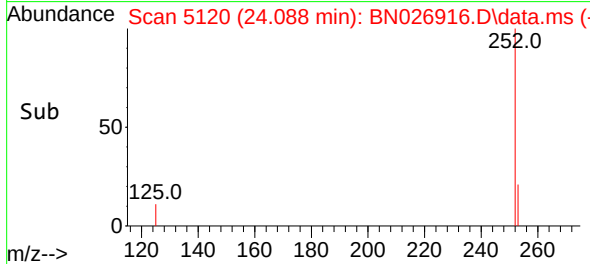
Instrument :
BNA_N
ClientSampleId :
A48L1



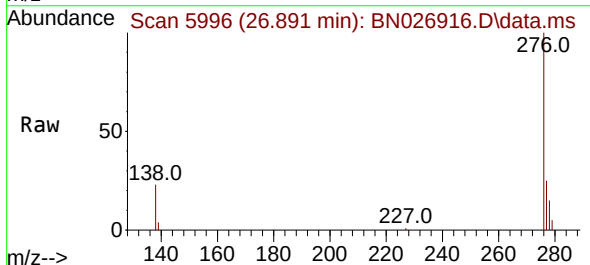
Tgt Ion:252 Resp: 179835
Ion Ratio Lower Upper
252 100
253 23.2 19.0 28.6
125 13.2 11.4 17.0

Manual Integrations
APPROVED

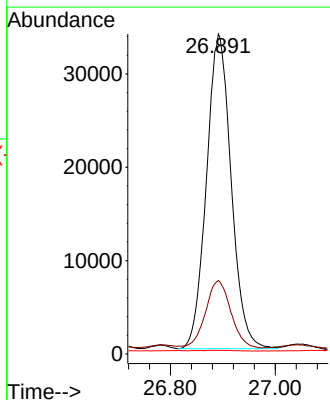
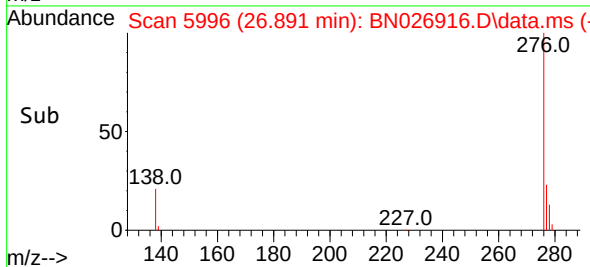
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023

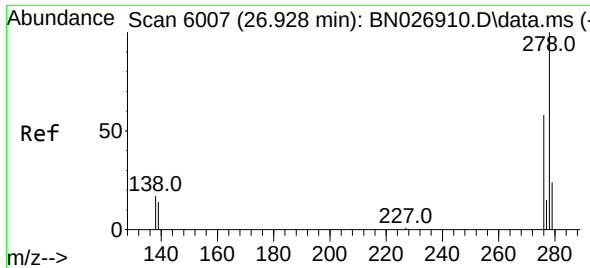


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.511 ng/ul
RT: 26.891 min Scan# 5996
Delta R.T. -0.016 min
Lab File: BN026916.D
Acq: 16 Aug 2023 00:58



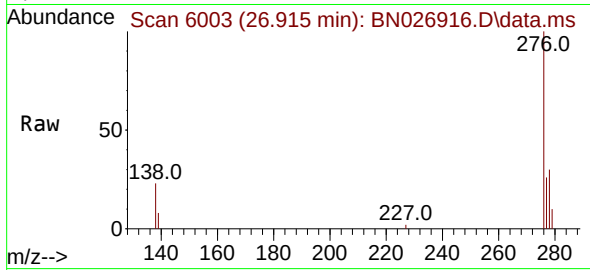
Tgt Ion:276 Resp: 110225
Ion Ratio Lower Upper
276 100
138 21.8 21.6 32.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.139 ng/ul
RT: 26.915 min Scan# 6003
Delta R.T. -0.023 min
Lab File: BN026916.D
Acq: 16 Aug 2023 00:58

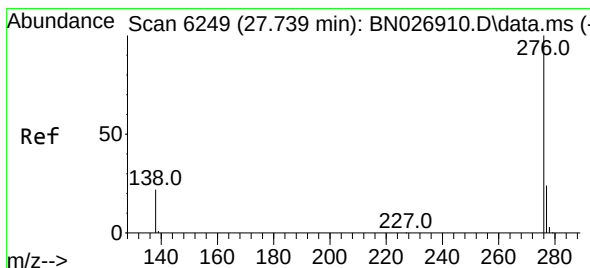
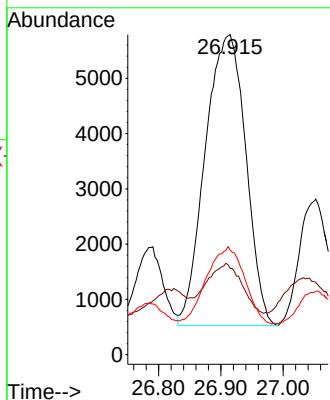
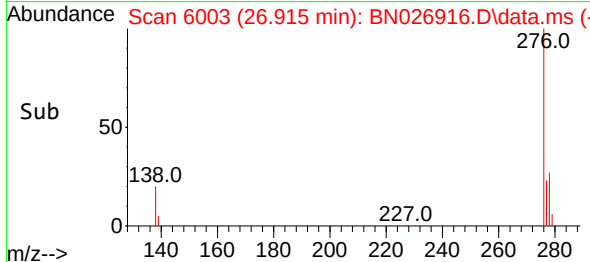
Instrument :
BNA_N
ClientSampleId :
A48L1



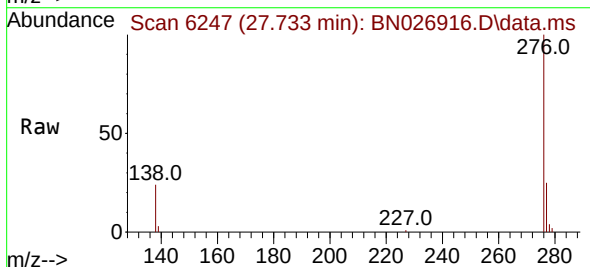
Tgt Ion: 278 Resp: 23814
Ion Ratio Lower Upper
278 100
139 26.9 15.7 23.5
279 32.7 20.2 30.4

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 08/16/2023
Supervised By : Sohil Jodhani 08/16/2023



#29
Benzo(g,h,i)perylene
Concen: 0.517 ng/ul
RT: 27.733 min Scan# 6247
Delta R.T. -0.013 min
Lab File: BN026916.D
Acq: 16 Aug 2023 00:58



Tgt Ion: 276 Resp: 92889
Ion Ratio Lower Upper
276 100
138 24.4 19.3 28.9
277 25.0 19.8 29.8

