

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
 Data File : BN026913.D
 Acq On : 15 Aug 2023 23:07
 Operator : MA/JU
 Sample : 03965-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48K1

Manual Integrations
 APPROVED

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

Quant Time: Aug 16 00:55:39 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	18183	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	60744	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.735	164	35484	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.485	188	78907	0.400	ng/ul	0.00
17) Chrysene-d12	21.656	240	65811	0.400	ng/ul	0.00
23) Perylene-d12	24.205	264	62084	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	62306	2.886	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	19018	0.213	ng/ul	0.00
18) Fluoranthene-d10	19.497	212	49142	0.236	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.988	128	17488	0.102	ng/ul	98
7) 2-Methylnaphthalene	12.583	142	6562	0.063	ng/ul	99
8) 1-Methylnaphthalene	12.803	142	5030	0.046	ng/ul	100
10) Acenaphthylene	14.467	152	37467	0.188	ng/ul	100
11) Acenaphthene	14.800	153	10563	0.077	ng/ul	99
12) Fluorene	15.781	166	16172	0.104	ng/ul	99
15) Phenanthrene	17.523	178	383623	1.480	ng/ul	100
16) Anthracene	17.616	178	83461	0.356	ng/ul	100
19) Fluoranthene	19.529	202	1029204	3.765	ng/ul	100
20) Pyrene	19.896	202	930299m	3.189	ng/ul	
21) Benzo(a)anthracene	21.638	228	507489	1.939	ng/ul	99
22) Chrysene	21.694	228	547759	2.120	ng/ul	97
24) Benzo(b)fluoranthene	23.413	252	672839m	2.865	ng/ul	
25) Benzo(k)fluoranthene	23.462	252	246877m	1.066	ng/ul	
26) Benzo(a)pyrene	24.094	252	443017	2.091	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.898	276	281968	1.017	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.918	278	65381	0.296	ng/ul#	91
29) Benzo(g,h,i)perylene	27.743	276	251730	1.091	ng/ul	99

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

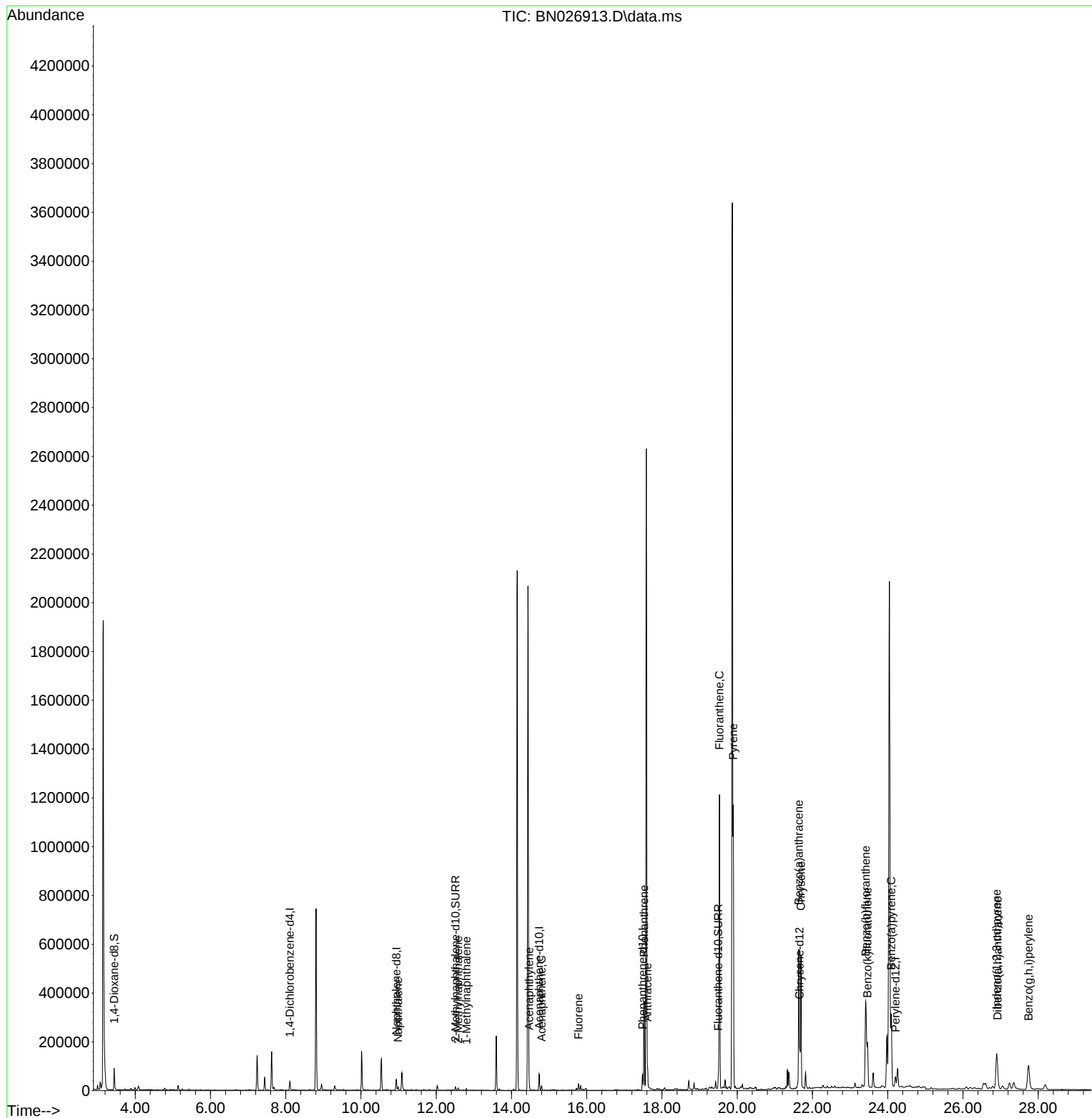
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
Data File : BN026913.D
Acq On : 15 Aug 2023 23:07
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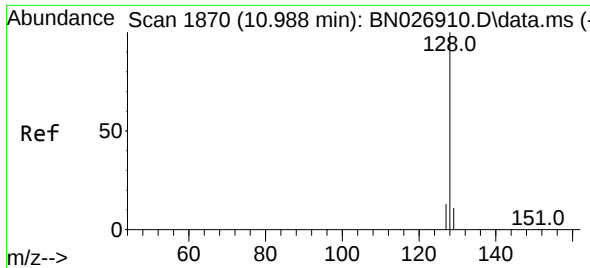
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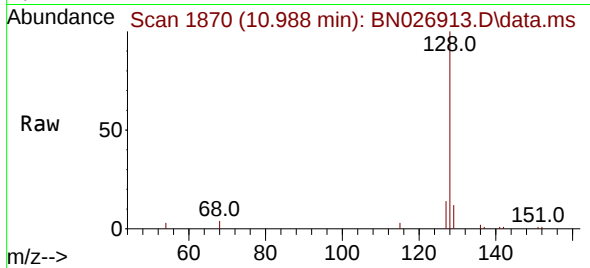
Quant Time: Aug 16 00:55:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 00:50:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.988 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BN026913.D
Acq: 15 Aug 2023 23:07

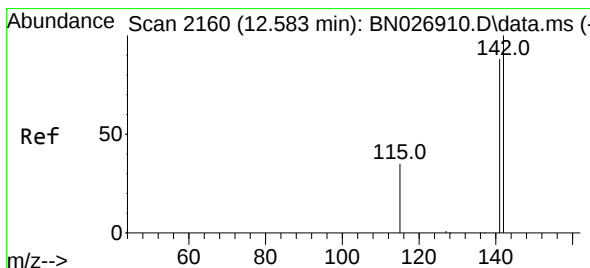
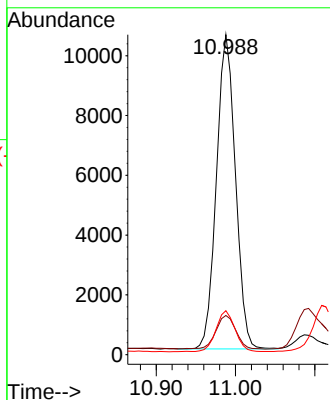
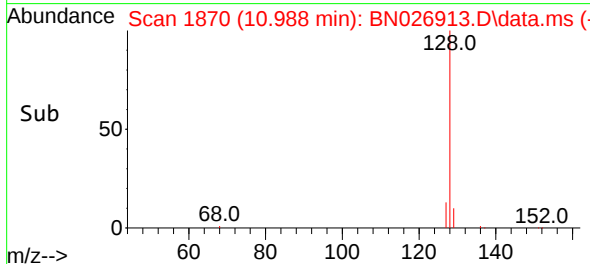
Instrument :
BNA_N
ClientSampleId :
A48K1



Tgt Ion:128 Resp: 1748
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.7 10.5 15.7

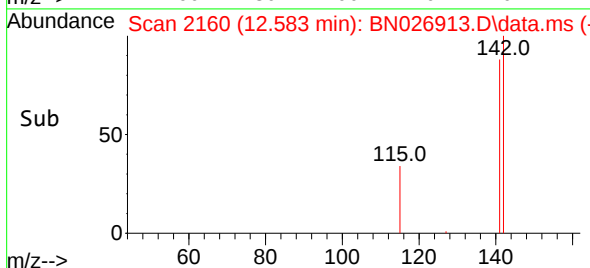
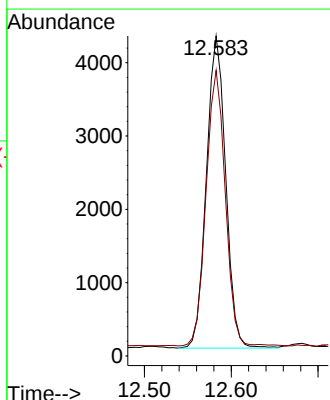
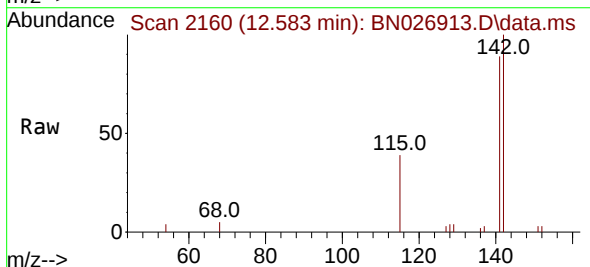
Manual Integrations
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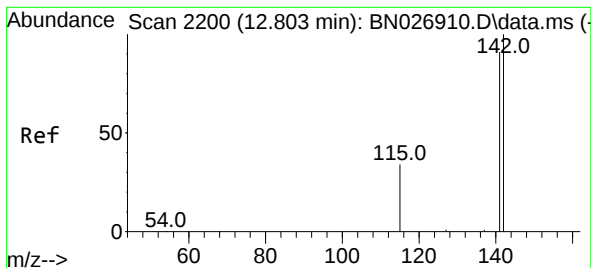
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.583 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BN026913.D
Acq: 15 Aug 2023 23:07

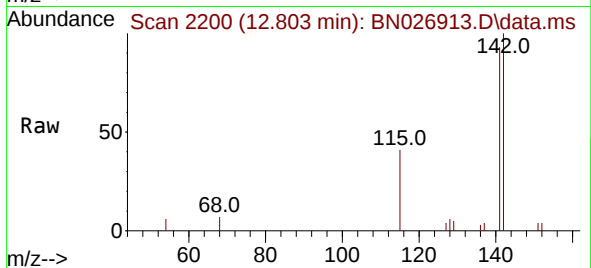
Tgt Ion:142 Resp: 6562
Ion Ratio Lower Upper
142 100
141 87.9 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.803 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BN026913.D
Acq: 15 Aug 2023 23:07

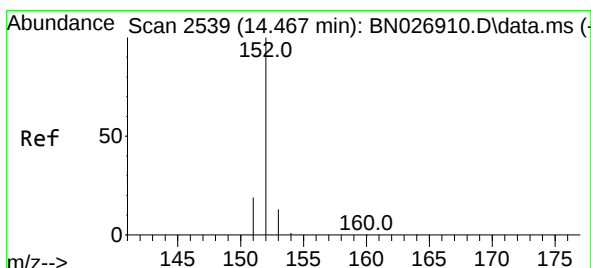
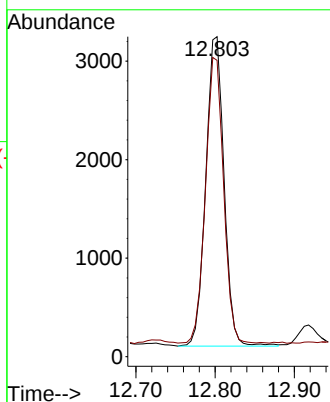
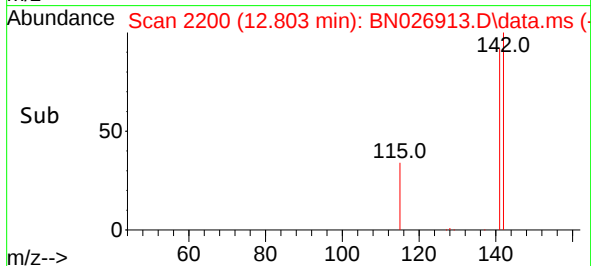
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Tgt Ion:142 Resp: 5030
Ion Ratio Lower Upper
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141 91.1 73.2 109.8

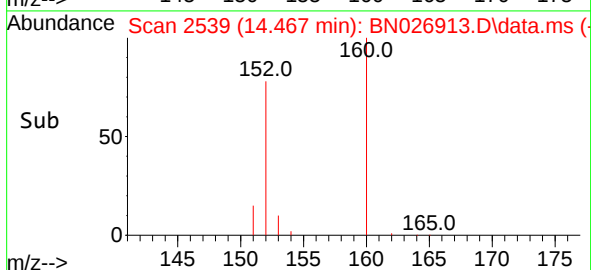
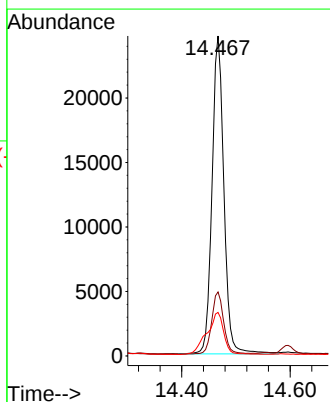
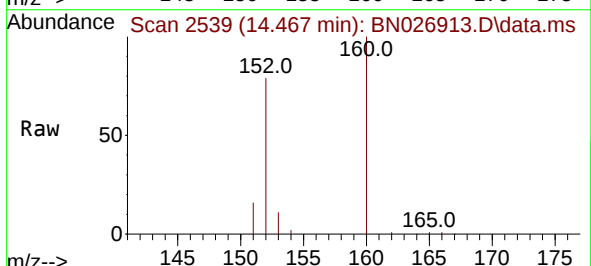
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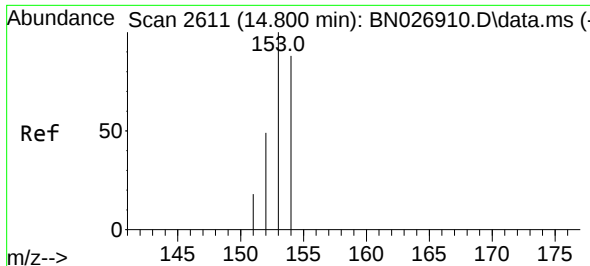
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#10
Acenaphthylene
Concen: 0.188 ng/ul
RT: 14.467 min Scan# 2539
Delta R.T. 0.005 min
Lab File: BN026913.D
Acq: 15 Aug 2023 23:07

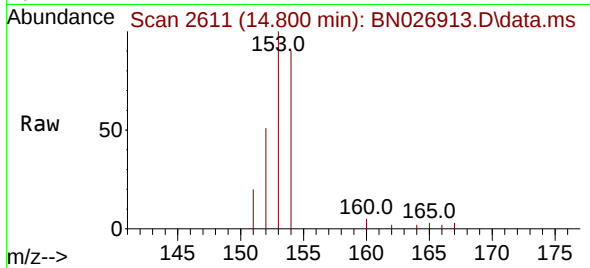
Tgt Ion:152 Resp: 37467
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.6 11.0 16.6





#11
Acenaphthene
Concen: 0.077 ng/ul
RT: 14.800 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BN026913.D
Acq: 15 Aug 2023 23:07

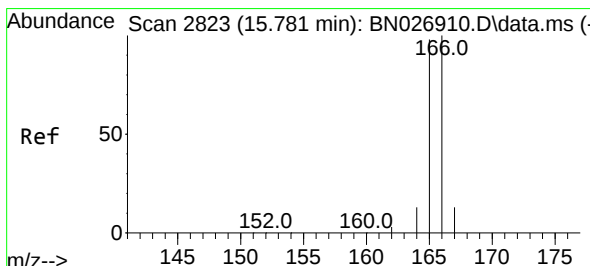
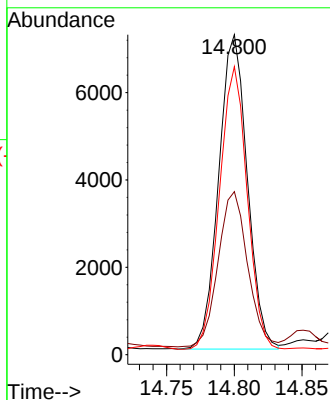
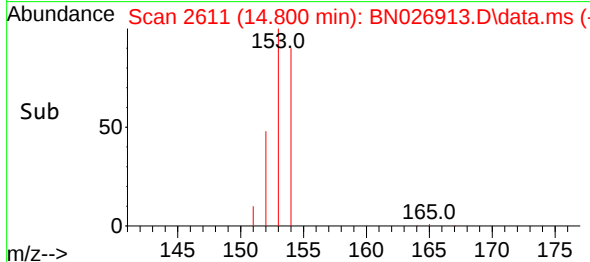
Instrument :
BNA_N
ClientSampleId :
A48K1



Tgt Ion:153 Resp: 1056
Ion Ratio Lower Upper
153 100
152 51.0 41.1 61.7
154 90.0 71.6 107.4

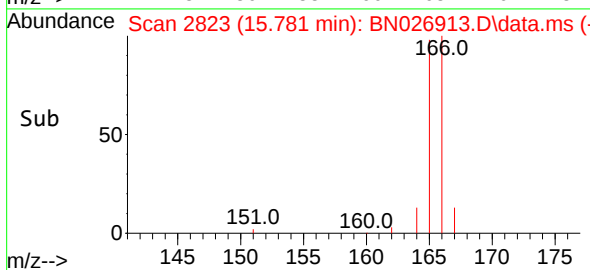
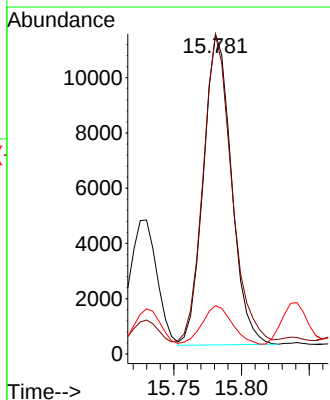
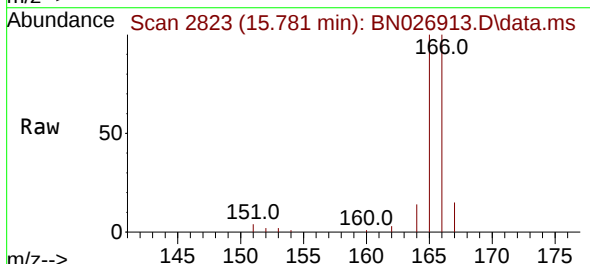
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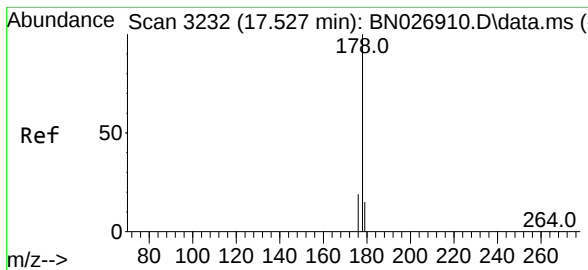
Reviewed By :Yogesh Patel 08/16/2023
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#12
Fluorene
Concen: 0.104 ng/ul
RT: 15.781 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BN026913.D
Acq: 15 Aug 2023 23:07

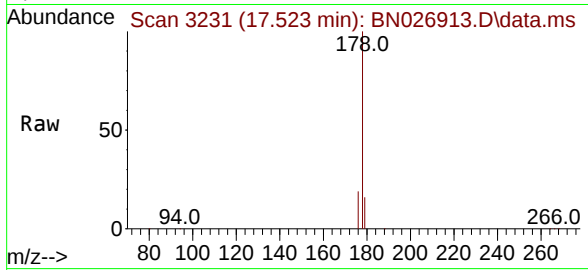
Tgt Ion:166 Resp: 16172
Ion Ratio Lower Upper
166 100
165 99.7 79.1 118.7
167 15.1 11.4 17.0





#15
Phenanthrene
Concen: 1.480 ng/ul
RT: 17.523 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN026913.D
Acq: 15 Aug 2023 23:07

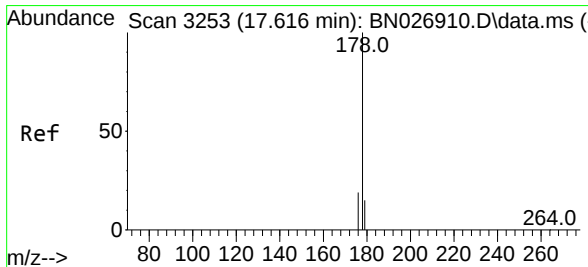
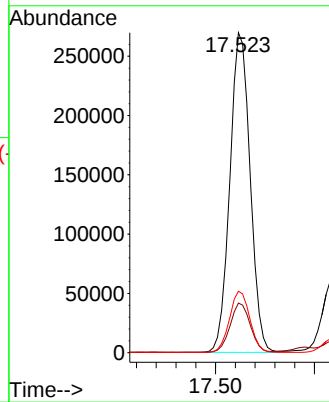
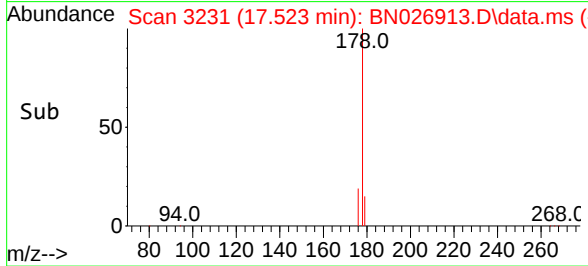
Instrument :
BNA_N
ClientSampleId :
A48K1



Tgt Ion:178 Resp: 38362
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.2 15.4 23.2

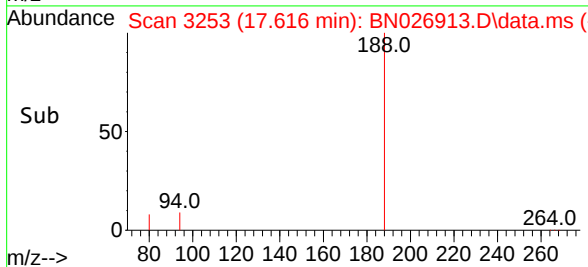
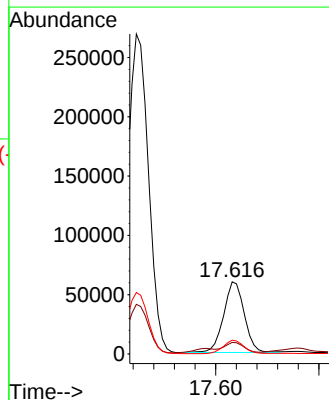
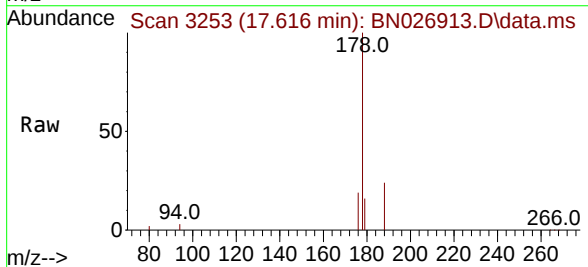
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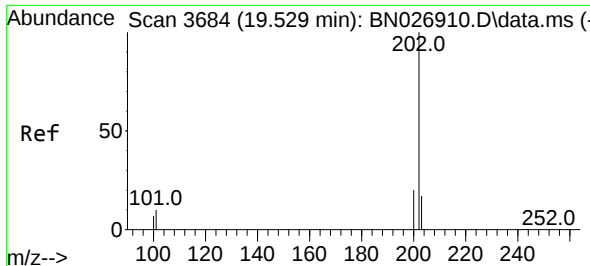
Reviewed By :Yogesh Patel 08/16/2023
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#16
Anthracene
Concen: 0.356 ng/ul
RT: 17.616 min Scan# 3253
Delta R.T. 0.000 min
Lab File: BN026913.D
Acq: 15 Aug 2023 23:07

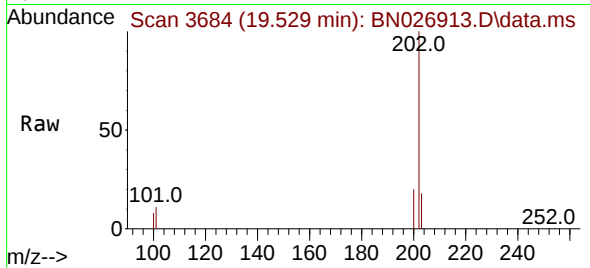
Tgt Ion:178 Resp: 83461
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.1 15.0 22.6





#19
Fluoranthene
Concen: 3.765 ng/u1
RT: 19.529 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN026913.D
Acq: 15 Aug 2023 23:07

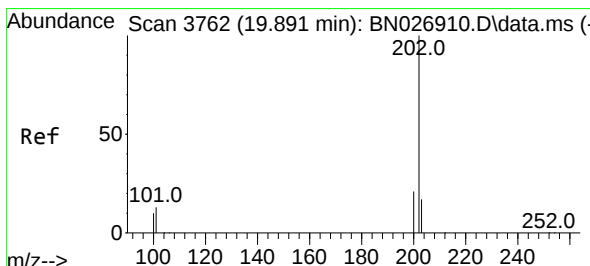
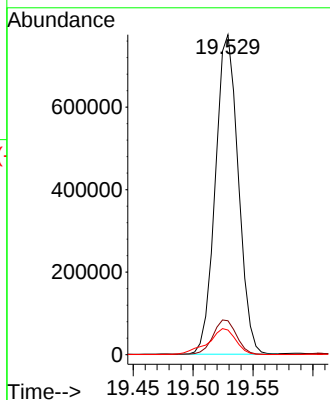
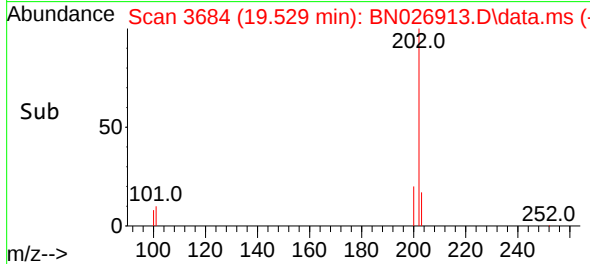
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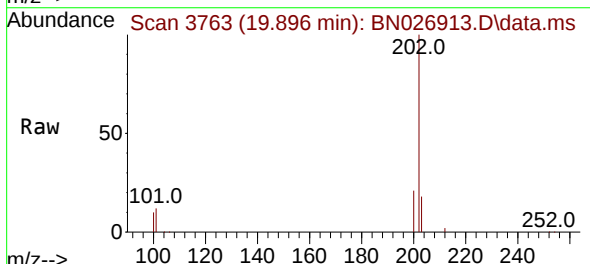
Tgt Ion:202 Resp: 1029204
Ion Ratio Lower Upper
202 100
101 10.6 8.3 12.5
100 7.7 6.2 9.2

Manual Integrations
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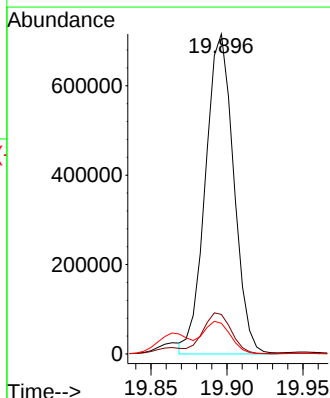
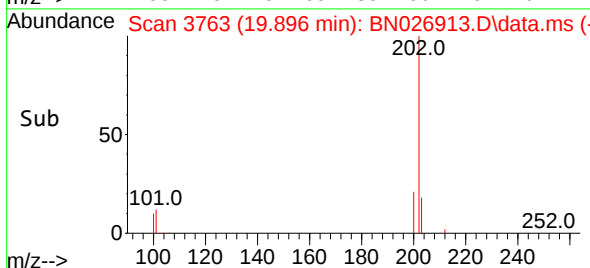
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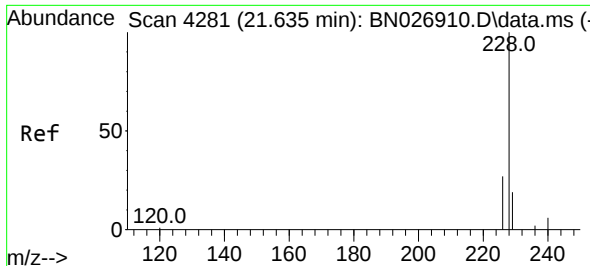


#20
Pyrene
Concen: 3.189 ng/u1 m
RT: 19.896 min Scan# 3763
Delta R.T. 0.000 min
Lab File: BN026913.D
Acq: 15 Aug 2023 23:07



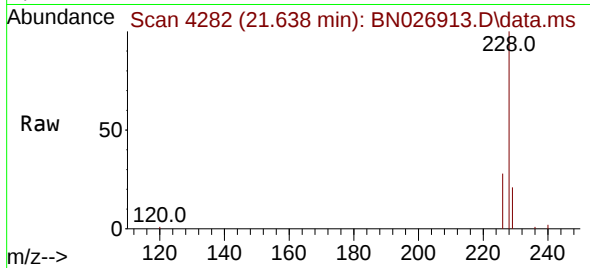
Tgt Ion:202 Resp: 930299
Ion Ratio Lower Upper
202 100
101 12.3 10.7 16.1
100 9.6 8.5 12.7





#21
Benzo(a)anthracene
Concen: 1.939 ng/ul
RT: 21.638 min Scan# 4301
Delta R.T. -0.003 min
Lab File: BN026913.D
Acq: 15 Aug 2023 23:07

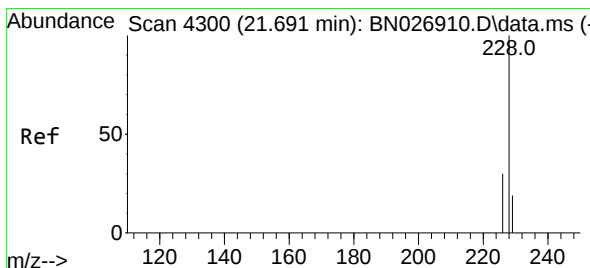
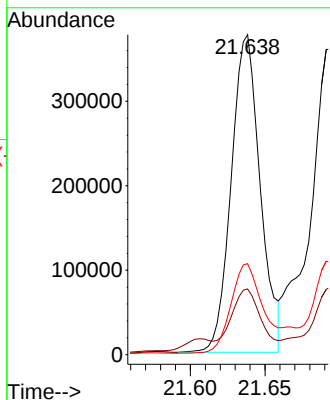
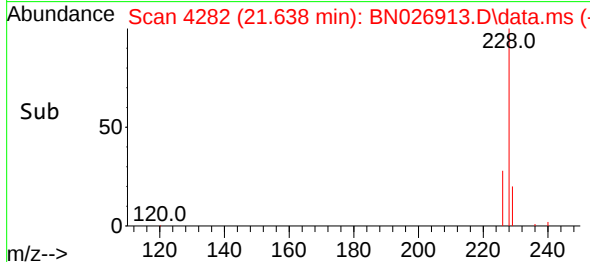
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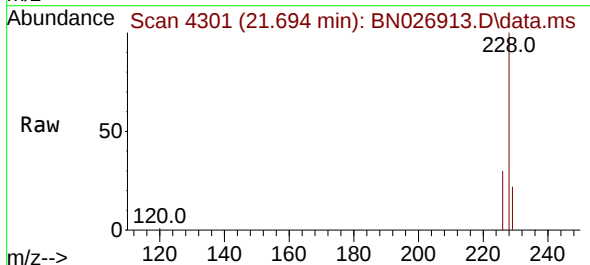
Tgt Ion:228 Resp: 507489
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 28.4 22.2 33.2

Manual Integrations
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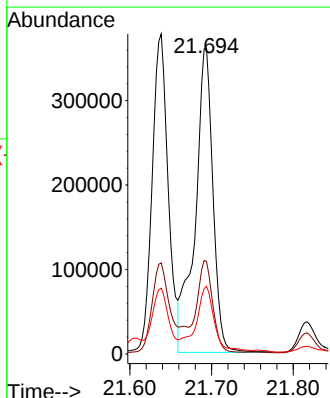
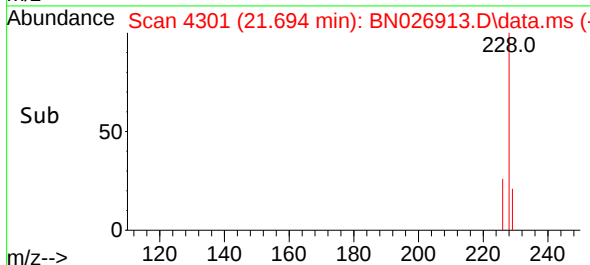
Reviewed By :Yogesh Patel 08/16/2023
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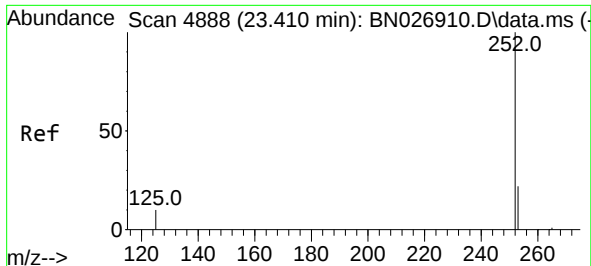


#22
Chrysene
Concen: 2.120 ng/ul
RT: 21.694 min Scan# 4301
Delta R.T. -0.006 min
Lab File: BN026913.D
Acq: 15 Aug 2023 23:07



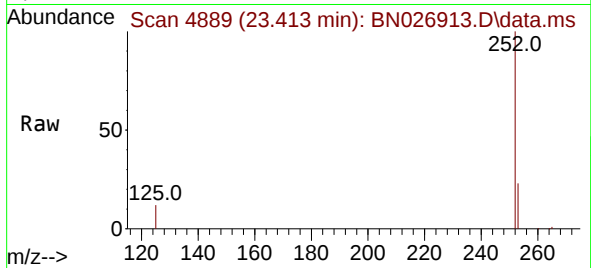
Tgt Ion:228 Resp: 547759
Ion Ratio Lower Upper
228 100
226 30.2 24.6 36.8
229 22.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.865 ng/ul m
RT: 23.413 min Scan# 4889
Delta R.T. -0.009 min
Lab File: BN026913.D
Acq: 15 Aug 2023 23:07

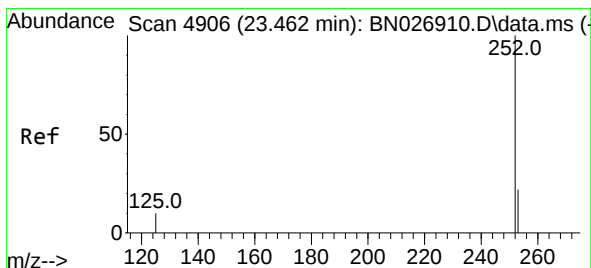
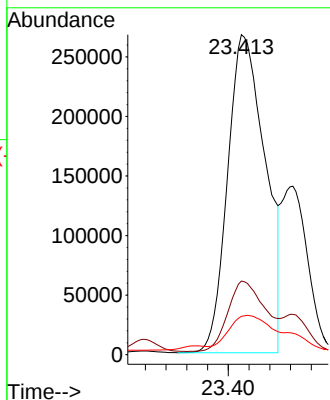
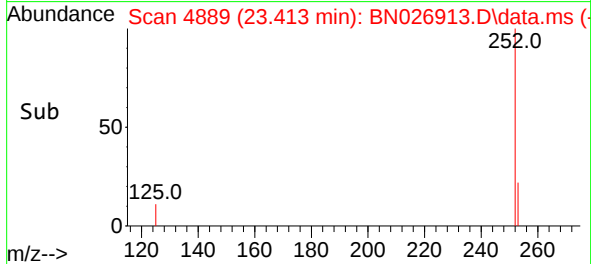
Instrument :
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Tgt Ion:252 Resp: 672839
Ion Ratio Lower Upper
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253 23.0 0.0 46.8
125 12.0 0.0 25.2

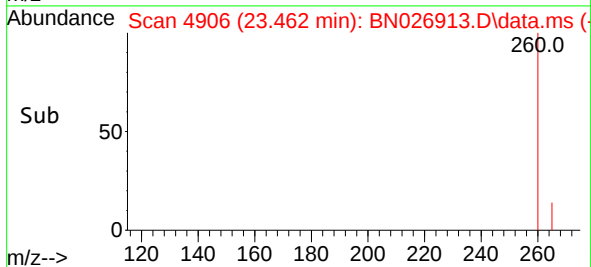
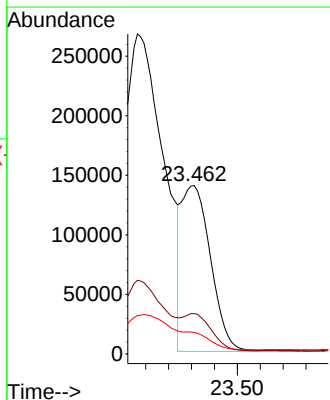
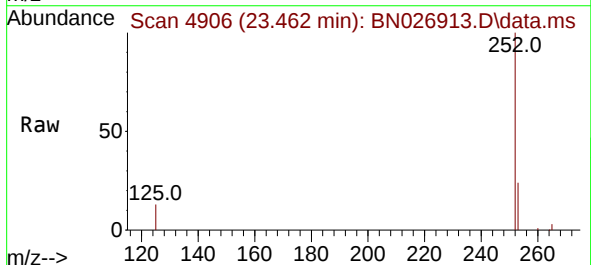
Manual Integrations
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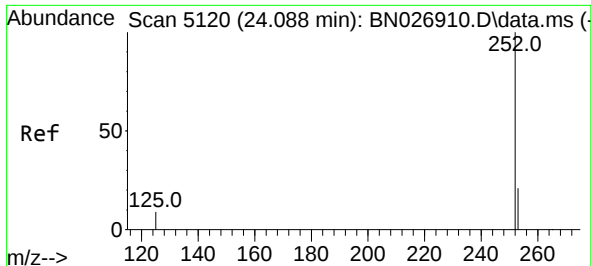
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#25
Benzo(k)fluoranthene
Concen: 1.066 ng/ul m
RT: 23.462 min Scan# 4906
Delta R.T. -0.012 min
Lab File: BN026913.D
Acq: 15 Aug 2023 23:07

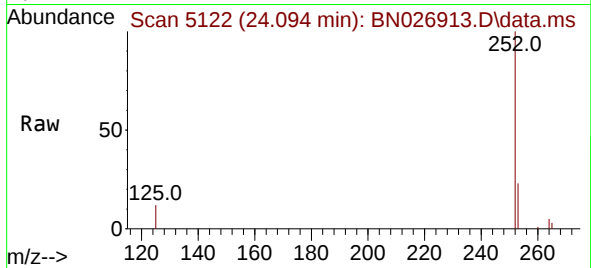
Tgt Ion:252 Resp: 246877
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.4
125 12.8 9.9 14.9





#26
Benzo(a)pyrene
Concen: 2.091 ng/ul
RT: 24.094 min Scan# 5122
Delta R.T. -0.006 min
Lab File: BN026913.D
Acq: 15 Aug 2023 23:07

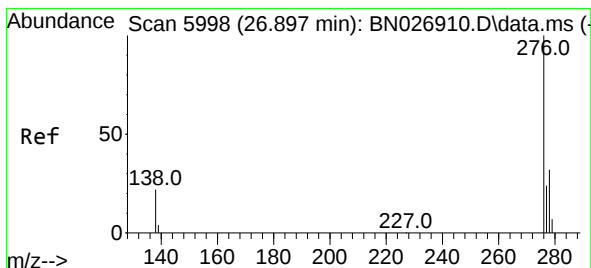
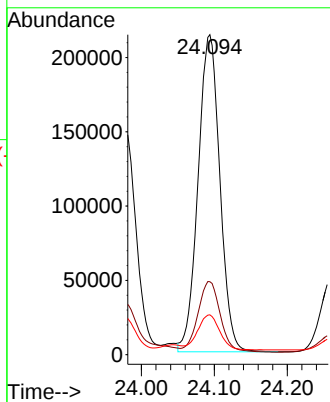
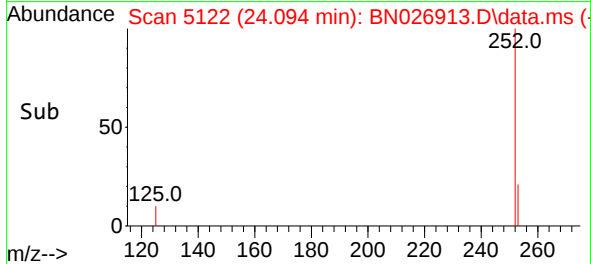
Instrument :
BNA_N
ClientSampleId :
A48K1



Tgt Ion:252 Resp: 443017
Ion Ratio Lower Upper
252 100
253 22.8 19.0 28.6
125 12.5 11.4 17.0

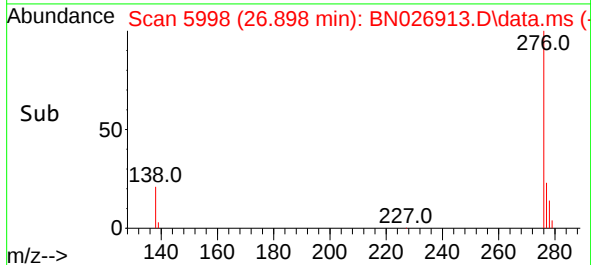
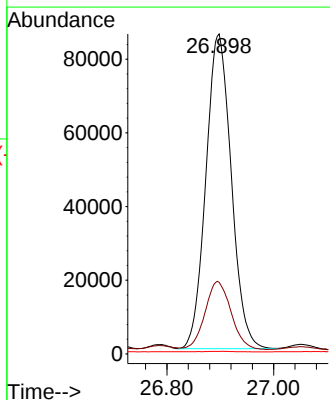
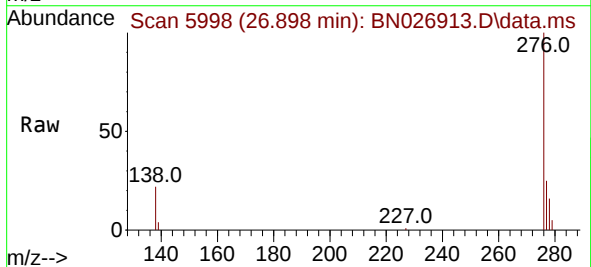
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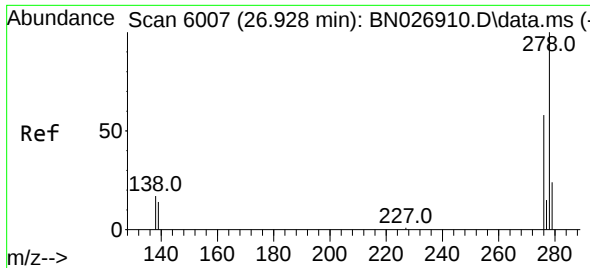
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.017 ng/ul
RT: 26.898 min Scan# 5998
Delta R.T. -0.010 min
Lab File: BN026913.D
Acq: 15 Aug 2023 23:07

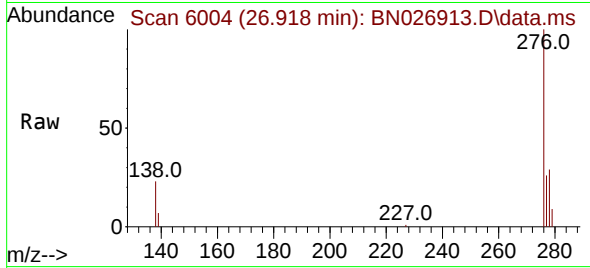
Tgt Ion:276 Resp: 281968
Ion Ratio Lower Upper
276 100
138 22.1 21.6 32.4
227 0.2 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.296 ng/ul
RT: 26.918 min Scan# 6004
Delta R.T. -0.020 min
Lab File: BN026913.D
Acq: 15 Aug 2023 23:07

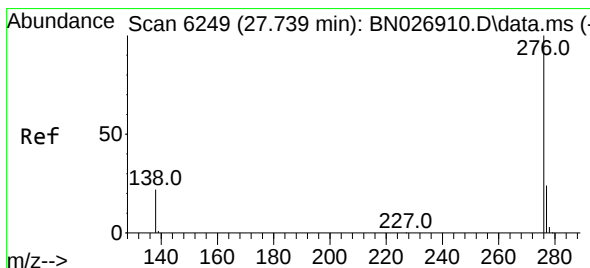
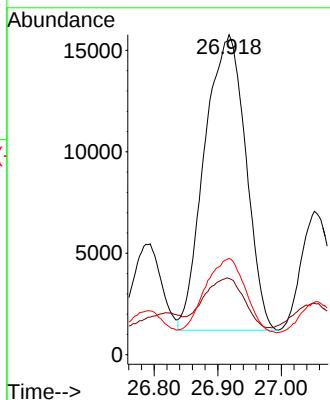
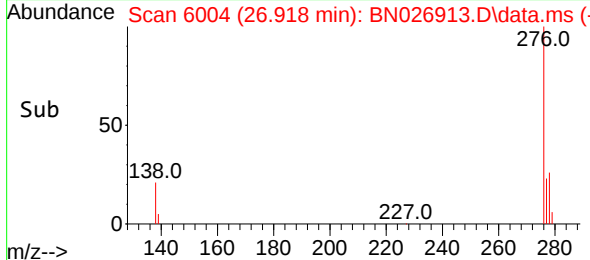
Instrument :
BNA_N
ClientSampleId :
A48K1



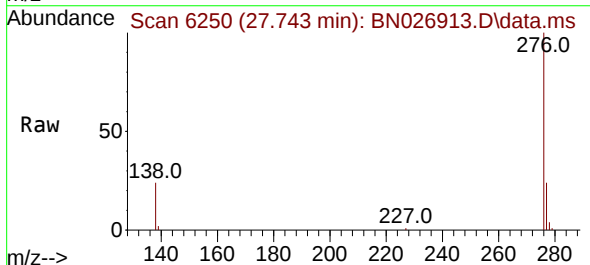
Tgt Ion:278 Resp: 6538
Ion Ratio Lower Upper
278 100
139 23.8 15.7 23.5
279 30.1 20.2 30.4

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



#29
Benzo(g,h,i)perylene
Concen: 1.091 ng/ul
RT: 27.743 min Scan# 6250
Delta R.T. -0.003 min
Lab File: BN026913.D
Acq: 15 Aug 2023 23:07



Tgt Ion:276 Resp: 251730
Ion Ratio Lower Upper
276 100
138 23.6 19.3 28.9
277 24.3 19.8 29.8

