

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
 Data File : BN026918.D
 Acq On : 16 Aug 2023 02:11
 Operator : MA/JU
 Sample : 03965-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48L3

Manual Integrations
 APPROVED

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

Quant Time: Aug 16 02:42:15 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	17622	0.400	ng/ul	0.00
4) Naphthalene-d8	10.938	136	60590	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.735	164	36867	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.481	188	78771	0.400	ng/ul	0.00
17) Chrysene-d12	21.656	240	66450	0.400	ng/ul	# 0.00
23) Perylene-d12	24.208	264	62052	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	61188	2.925	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.506	152	21608	0.242	ng/ul	0.00
18) Fluoranthene-d10	19.496	212	53909	0.257	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.988	128	125113	0.731	ng/ul	99
7) 2-Methylnaphthalene	12.583	142	65543	0.632	ng/ul	100
8) 1-Methylnaphthalene	12.797	142	55429	0.511	ng/ul	100
10) Acenaphthylene	14.467	152	254014	1.230	ng/ul	99
11) Acenaphthene	14.796	153	62647	0.438	ng/ul	98
12) Fluorene	15.781	166	122338	0.757	ng/ul	98
15) Phenanthrene	17.523	178	2791523	10.787	ng/ul	99
16) Anthracene	17.616	178	790229	3.379	ng/ul	100
19) Fluoranthene	19.534	202	5691412	20.620	ng/ul	98
20) Pyrene	19.896	202	5092682m	17.292	ng/ul	
21) Benzo(a)anthracene	21.638	228	2798686	10.590	ng/ul	97
22) Chrysene	21.694	228	2653016	10.170	ng/ul	97
24) Benzo(b)fluoranthene	23.421	252	3046391m	12.980	ng/ul	
25) Benzo(k)fluoranthene	23.465	252	1207974m	5.218	ng/ul	
26) Benzo(a)pyrene	24.097	252	2234758	10.552	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.904	276	1353443	4.885	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.928	278	323943	1.467	ng/ul	97
29) Benzo(g,h,i)perylene	27.749	276	1125593	4.879	ng/ul	98

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

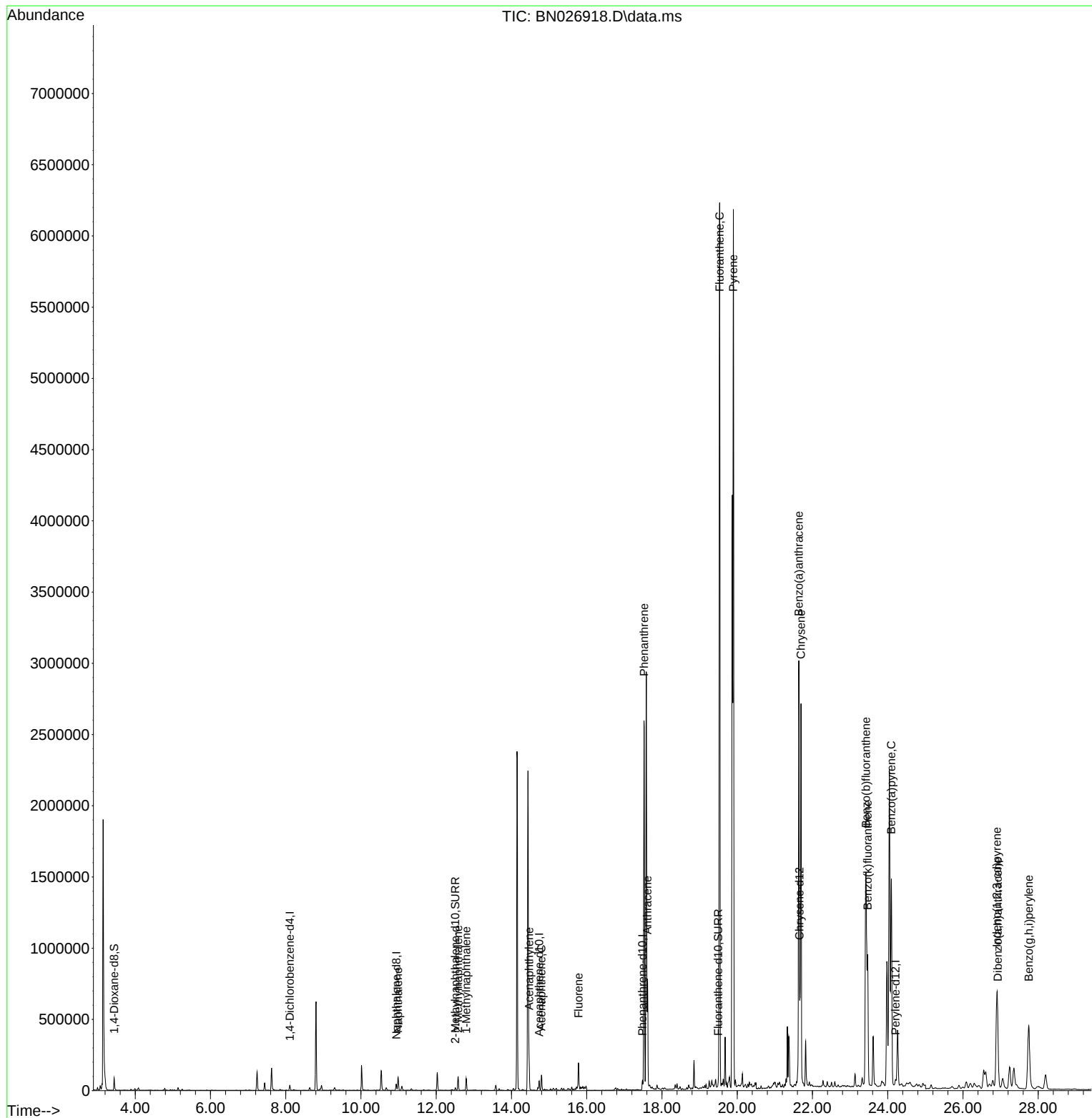
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081523\
Data File : BN026918.D
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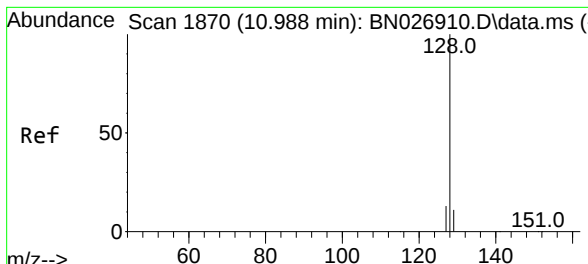
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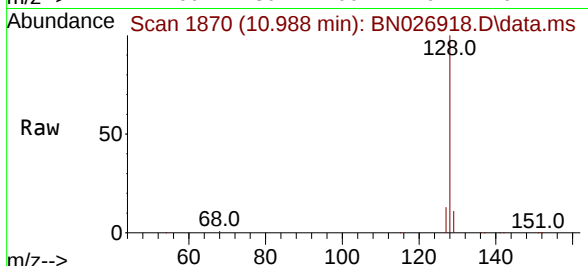
Quant Time: Aug 16 02:42:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 00:50:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.731 ng/ul
RT: 10.988 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BN026918.D
Acq: 16 Aug 2023 02:11

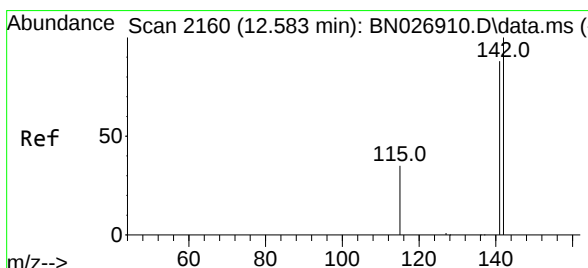
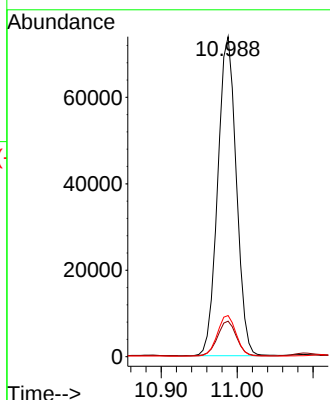
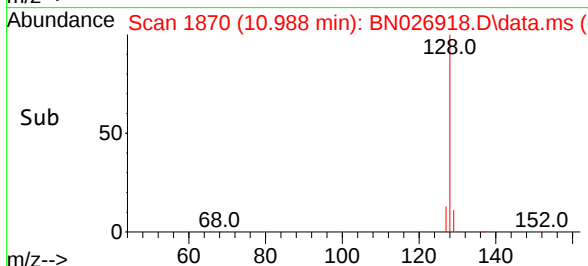
Instrument :
BNA_N
ClientSampleId :
A48L3



Tgt Ion:128 Resp: 12511
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 12.9 10.5 15.7

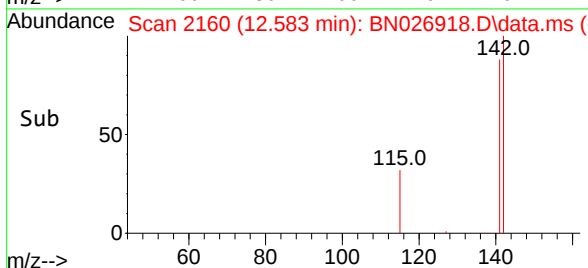
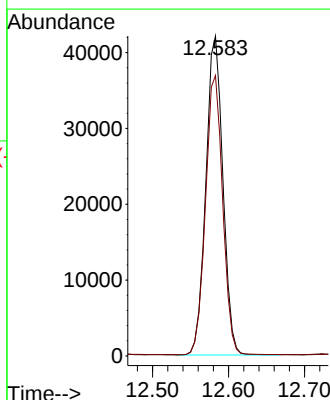
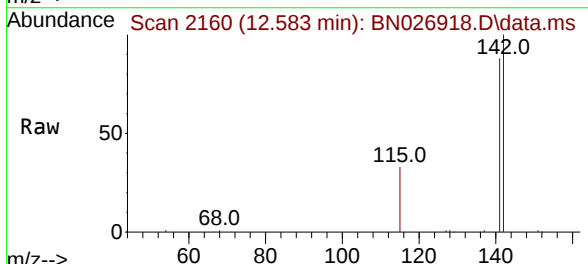
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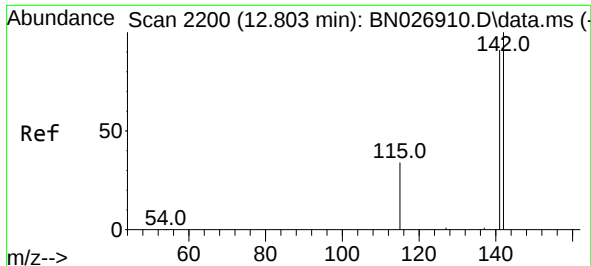
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#7
2-Methylnaphthalene
Concen: 0.632 ng/ul
RT: 12.583 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BN026918.D
Acq: 16 Aug 2023 02:11

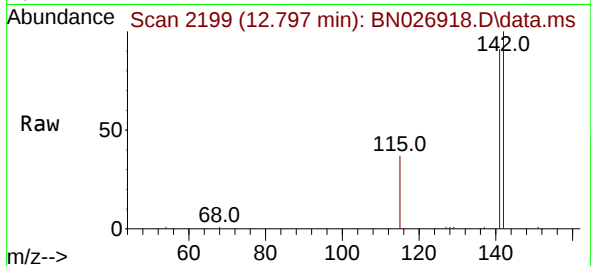
Tgt Ion:142 Resp: 65543
Ion Ratio Lower Upper
142 100
141 88.2 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.511 ng/ul
RT: 12.797 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BN026918.D
Acq: 16 Aug 2023 02:11

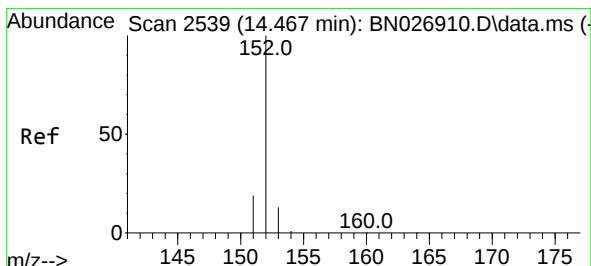
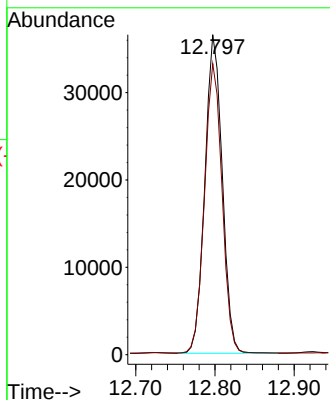
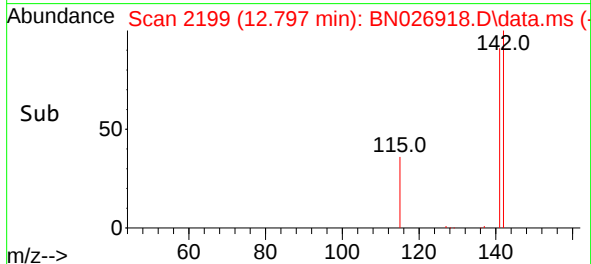
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Tgt Ion:142 Resp: 55429
Ion Ratio Lower Upper
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141 91.6 73.2 109.8

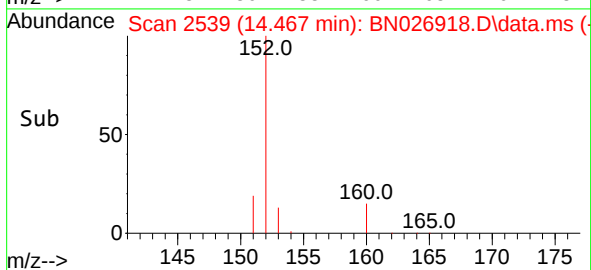
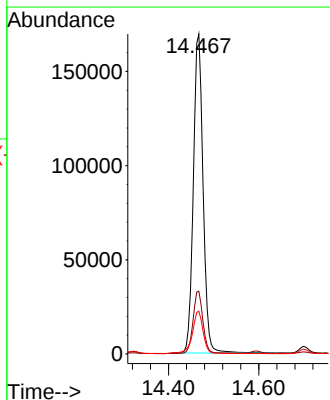
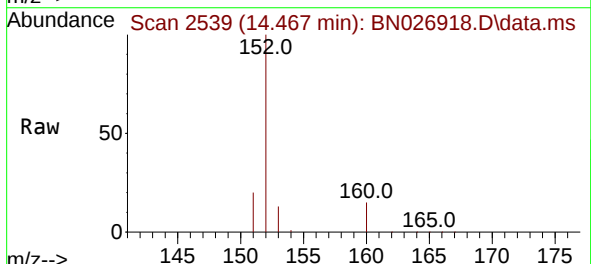
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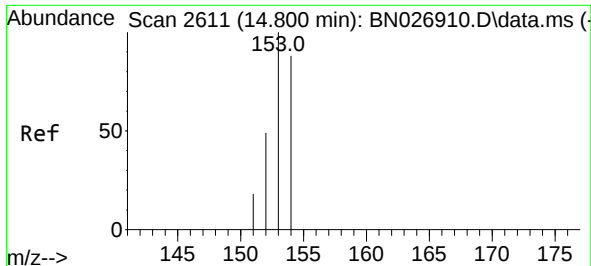
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#10
Acenaphthylene
Concen: 1.230 ng/ul
RT: 14.467 min Scan# 2539
Delta R.T. 0.005 min
Lab File: BN026918.D
Acq: 16 Aug 2023 02:11

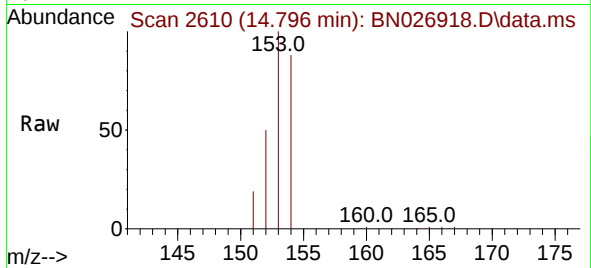
Tgt Ion:152 Resp: 254014
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.4 11.0 16.6





#11
Acenaphthene
Concen: 0.438 ng/u1
RT: 14.796 min Scan# 2610
Delta R.T. -0.004 min
Lab File: BN026918.D
Acq: 16 Aug 2023 02:11

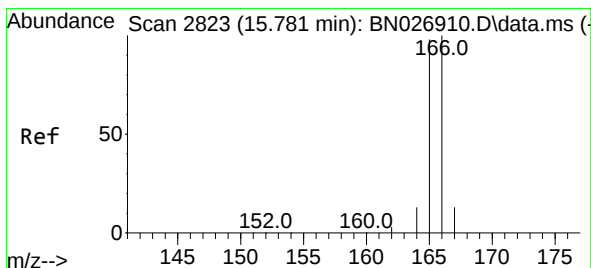
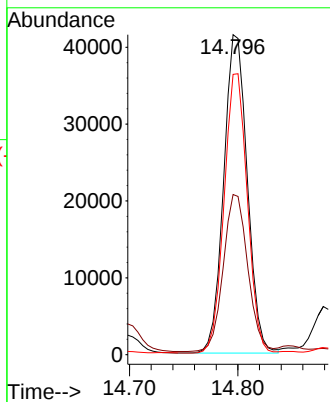
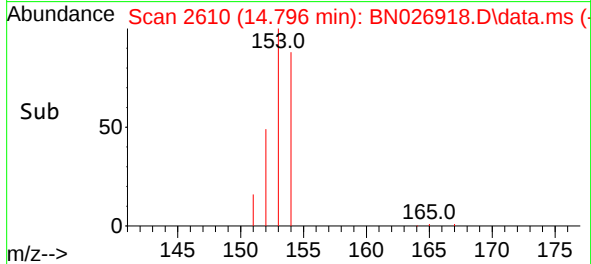
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 6264
Ion Ratio Lower Upper
153 100
152 50.1 41.1 61.7
154 87.6 71.6 107.4

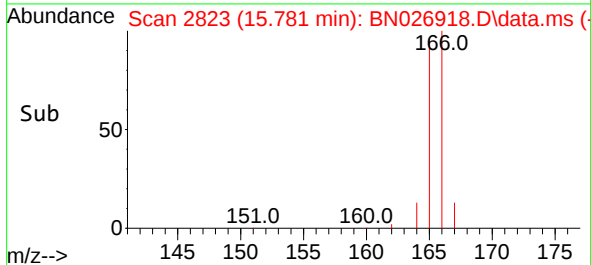
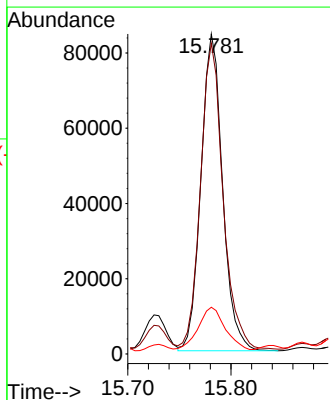
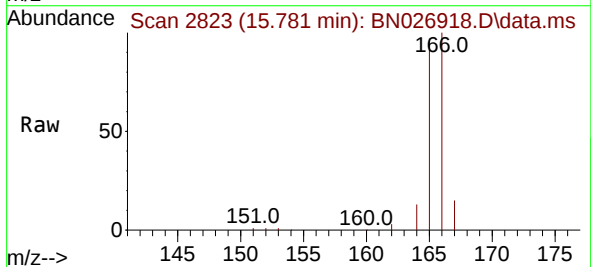
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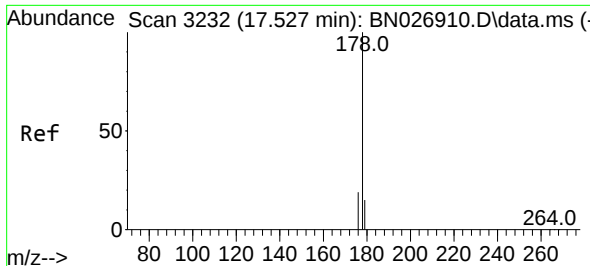
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#12
Fluorene
Concen: 0.757 ng/u1
RT: 15.781 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BN026918.D
Acq: 16 Aug 2023 02:11

Tgt Ion:166 Resp: 122338
Ion Ratio Lower Upper
166 100
165 97.1 79.1 118.7
167 14.6 11.4 17.0





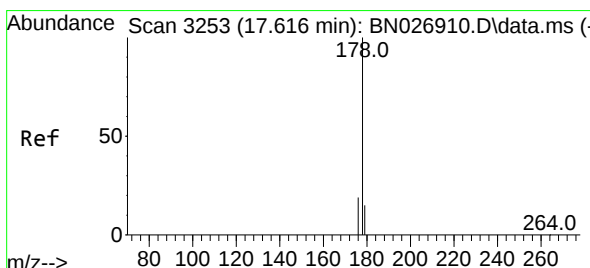
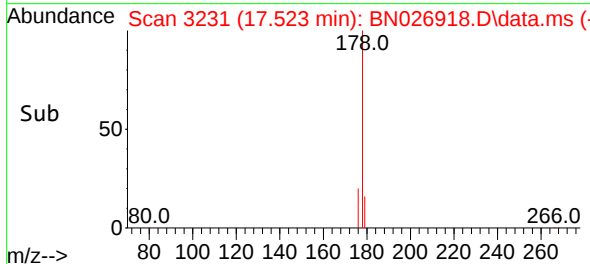
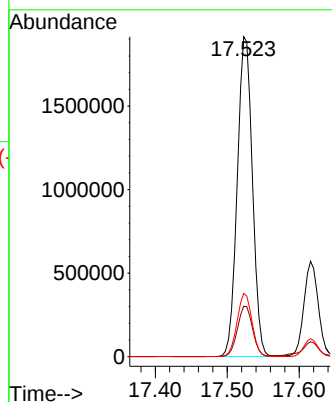
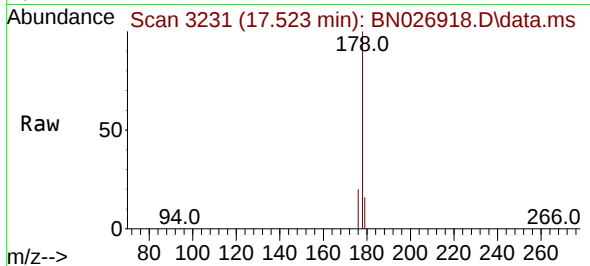
#15
Phenanthrene
Concen: 10.787 ng/u1
RT: 17.523 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026918.D
Acq: 16 Aug 2023 02:11

Instrument :
BNA_N
ClientSampleId :
A48L3

Tgt Ion:178 Resp: 2791523
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.7 15.4 23.2

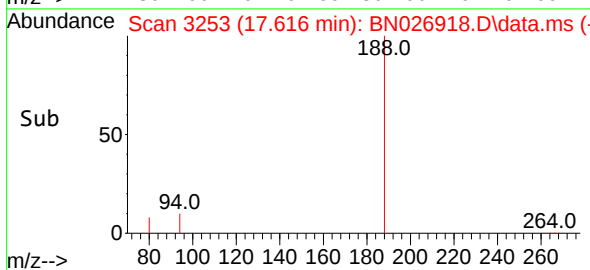
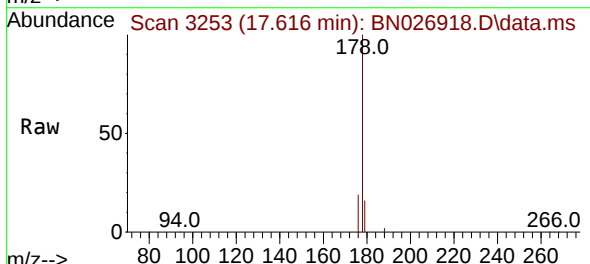
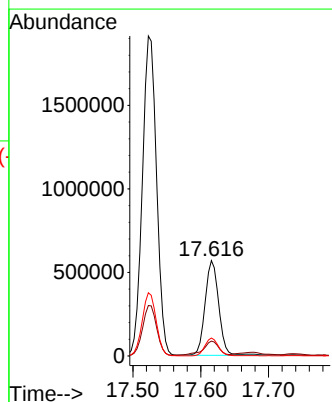
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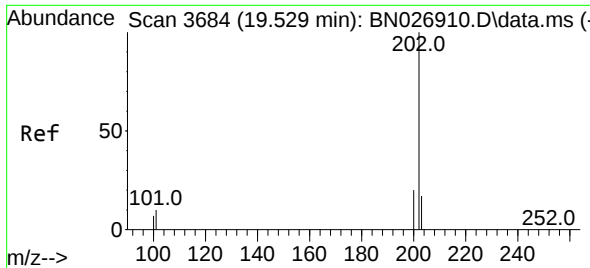
Reviewed By :Yogesh Patel 08/16/2023
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#16
Anthracene
Concen: 3.379 ng/u1
RT: 17.616 min Scan# 3253
Delta R.T. -0.000 min
Lab File: BN026918.D
Acq: 16 Aug 2023 02:11

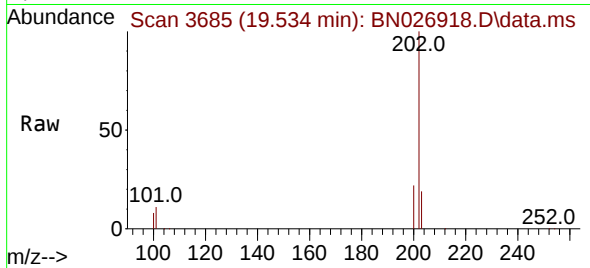
Tgt Ion:178 Resp: 790229
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 18.8 15.0 22.6





#19
Fluoranthene
Concen: 20.620 ng/ul
RT: 19.534 min Scan# 3685
Delta R.T. 0.004 min
Lab File: BN026918.D
Acq: 16 Aug 2023 02:11

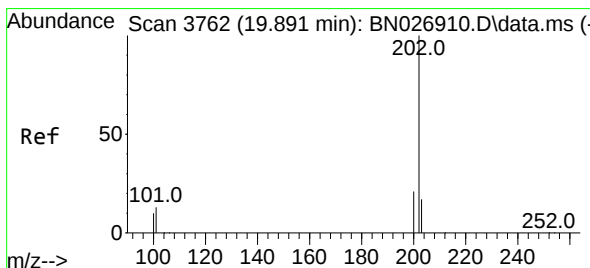
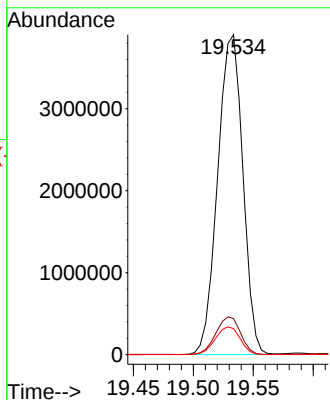
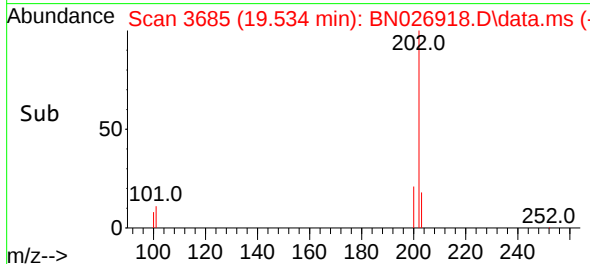
Instrument :
BNA_N
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A48L3



Tgt Ion:202 Resp: 569141
Ion Ratio Lower Upper
202 100
101 11.3 8.3 12.5
100 8.1 6.2 9.2

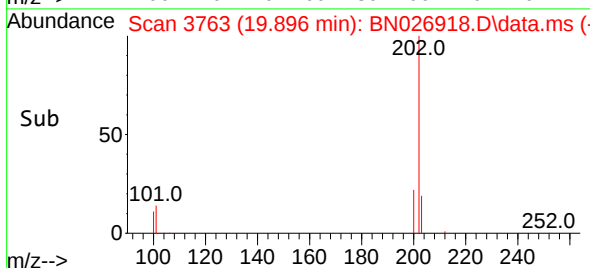
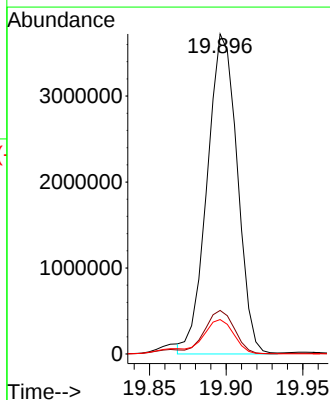
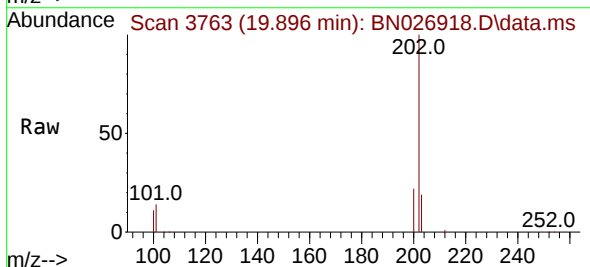
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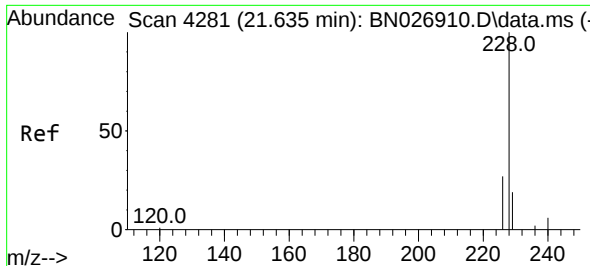
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#20
Pyrene
Concen: 17.292 ng/ul m
RT: 19.896 min Scan# 3763
Delta R.T. -0.000 min
Lab File: BN026918.D
Acq: 16 Aug 2023 02:11

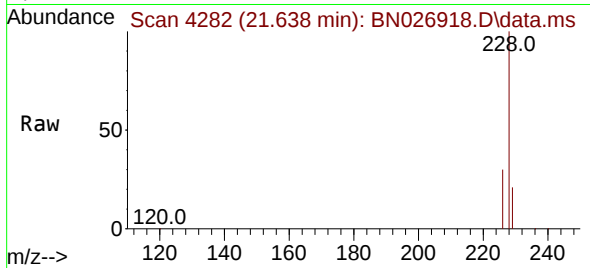
Tgt Ion:202 Resp: 5092682
Ion Ratio Lower Upper
202 100
101 13.6 10.7 16.1
100 10.8 8.5 12.7





#21
Benzo(a)anthracene
Concen: 10.590 ng/u1
RT: 21.638 min Scan# 4301
Delta R.T. -0.003 min
Lab File: BN026918.D
Acq: 16 Aug 2023 02:11

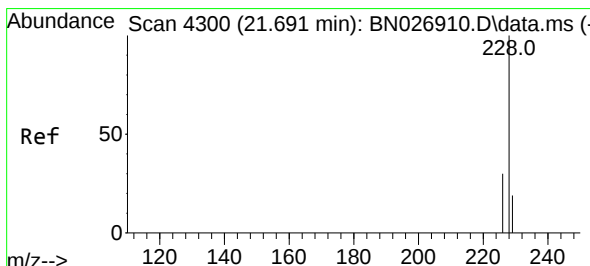
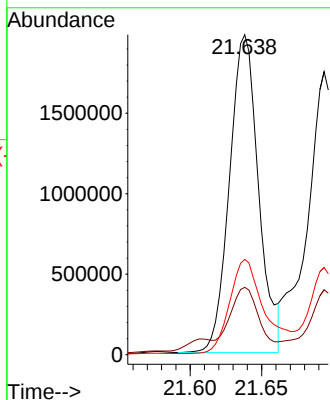
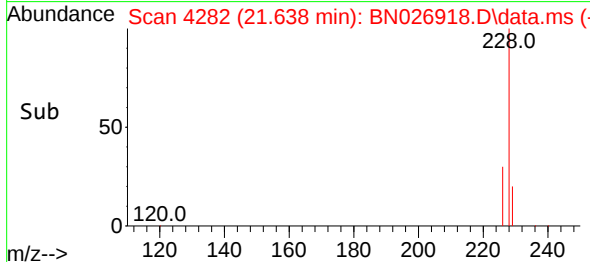
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A48L3



Tgt Ion:228 Resp: 2798680
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 29.8 22.2 33.2

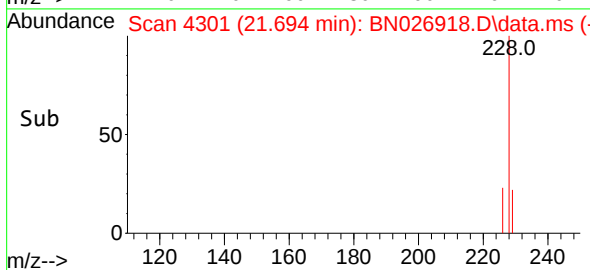
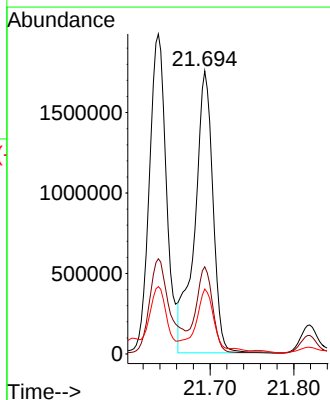
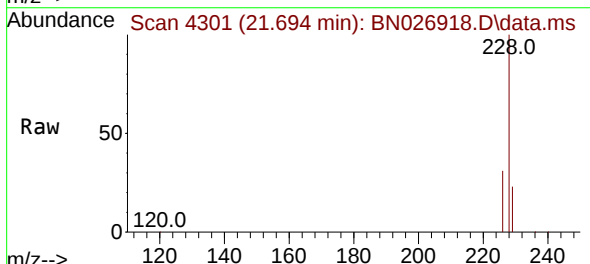
Manual Integrations
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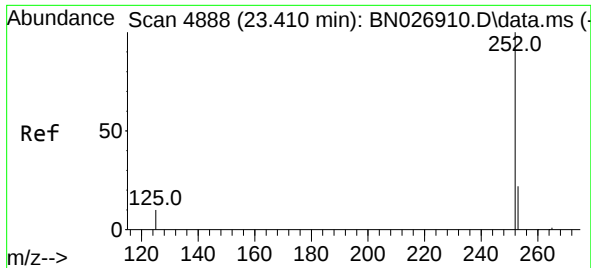
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#22
Chrysene
Concen: 10.170 ng/u1
RT: 21.694 min Scan# 4301
Delta R.T. -0.006 min
Lab File: BN026918.D
Acq: 16 Aug 2023 02:11

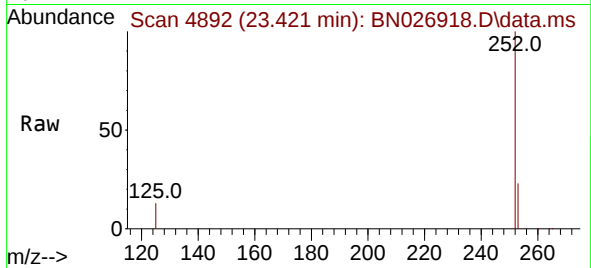
Tgt Ion:228 Resp: 2653016
Ion Ratio Lower Upper
228 100
226 30.8 24.6 36.8
229 22.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 12.980 ng/ul m
RT: 23.421 min Scan# 4888
Delta R.T. -0.000 min
Lab File: BN026918.D
Acq: 16 Aug 2023 02:11

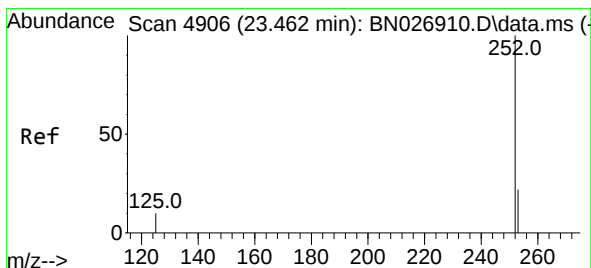
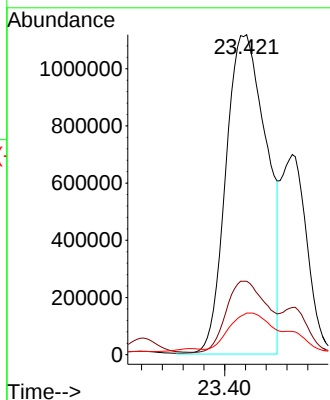
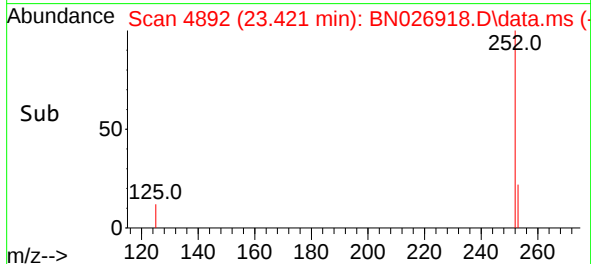
Instrument :
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Tgt Ion:252 Resp: 304639
Ion Ratio Lower Upper
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253 22.9 0.0 46.8
125 13.0 0.0 25.2

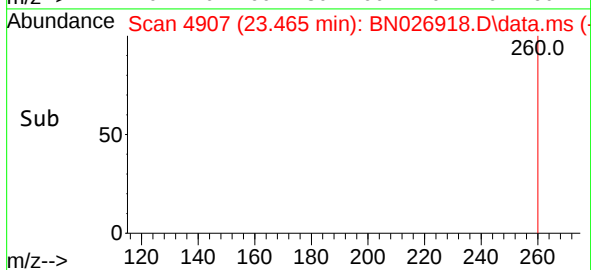
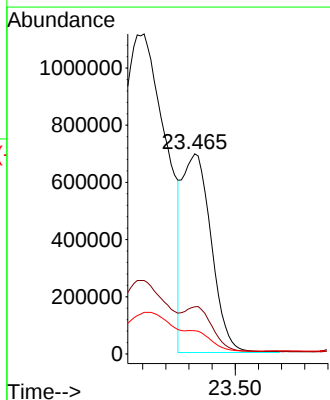
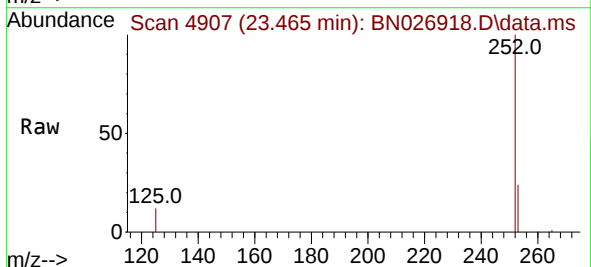
Manual Integrations
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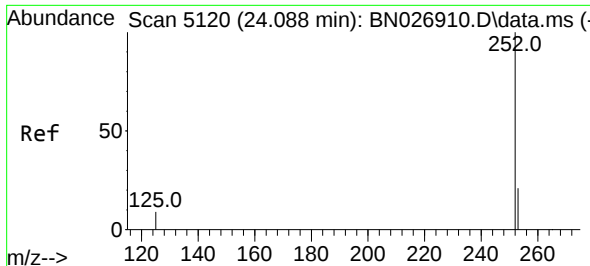
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#25
Benzo(k)fluoranthene
Concen: 5.218 ng/ul m
RT: 23.465 min Scan# 4907
Delta R.T. -0.009 min
Lab File: BN026918.D
Acq: 16 Aug 2023 02:11

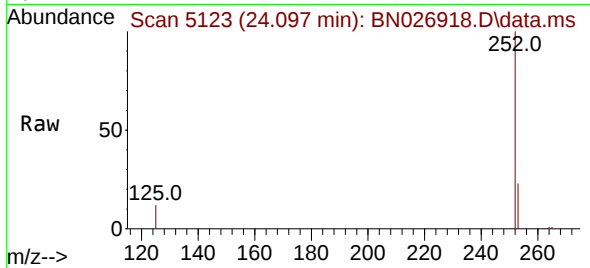
Tgt Ion:252 Resp: 1207974
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.4
125 11.6 9.9 14.9





#26
Benzo(a)pyrene
Concen: 10.552 ng/ul
RT: 24.097 min Scan# 5120
Delta R.T. -0.003 min
Lab File: BN026918.D
Acq: 16 Aug 2023 02:11

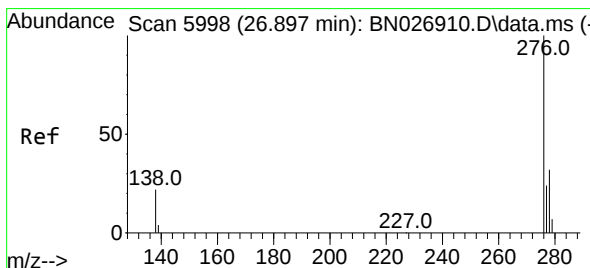
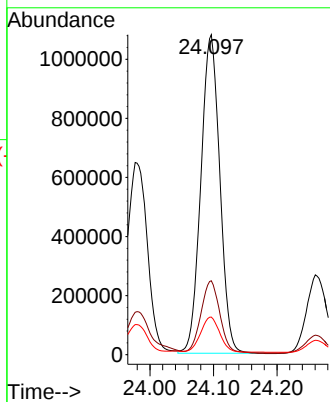
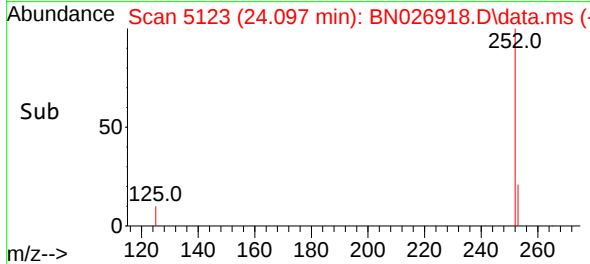
Instrument :
BNA_N
ClientSampleId :
A48L3



Tgt Ion:252 Resp: 2234758
Ion Ratio Lower Upper
252 100
253 23.1 19.0 28.6
125 11.7 11.4 17.0

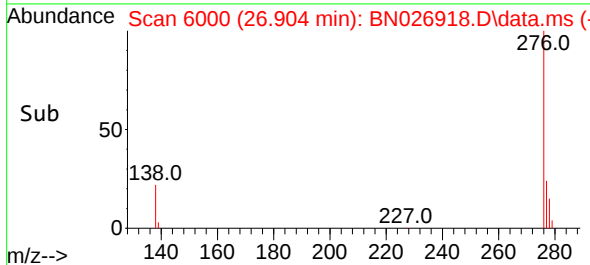
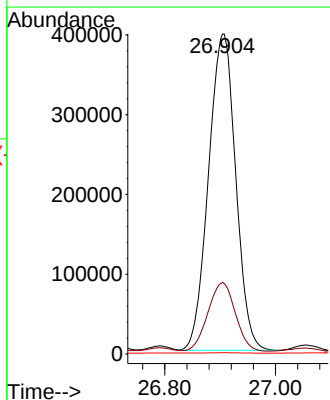
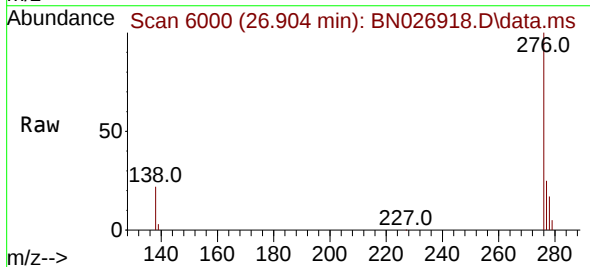
Manual Integrations
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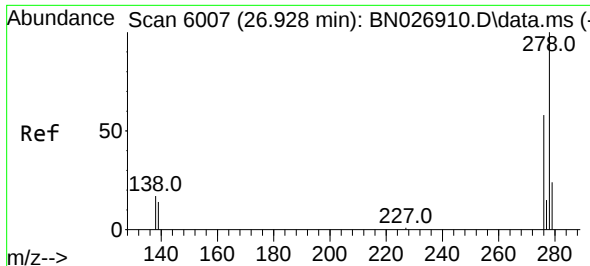
Reviewed By :Yogesh Patel 08/16/2023
Supervised By :Sohil Jodhani 08/16/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.885 ng/ul
RT: 26.904 min Scan# 6000
Delta R.T. -0.004 min
Lab File: BN026918.D
Acq: 16 Aug 2023 02:11

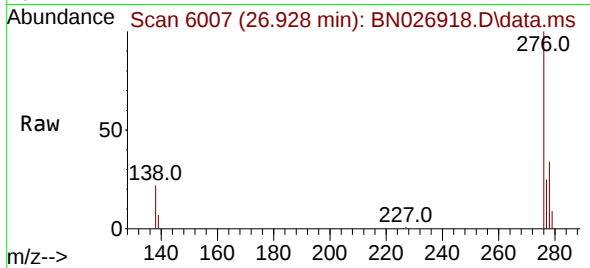
Tgt Ion:276 Resp: 1353443
Ion Ratio Lower Upper
276 100
138 21.8 21.6 32.4
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 1.467 ng/ul
RT: 26.928 min Scan# 6007
Delta R.T. -0.010 min
Lab File: BN026918.D
Acq: 16 Aug 2023 02:11

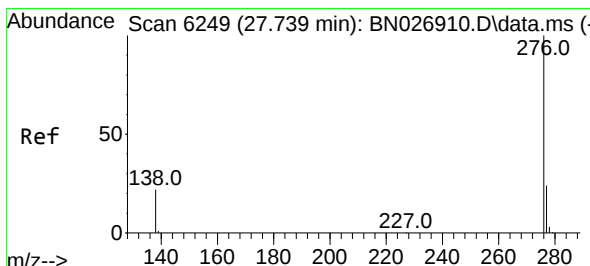
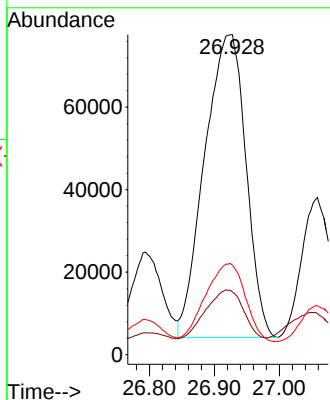
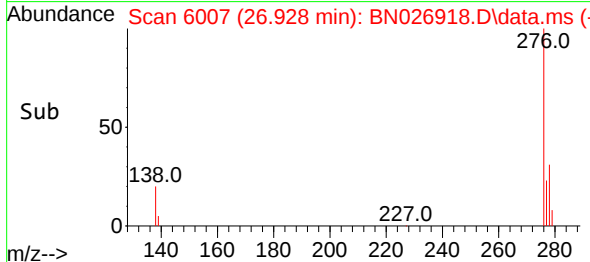
Instrument :
BNA_N
ClientSampleId :
A48L3



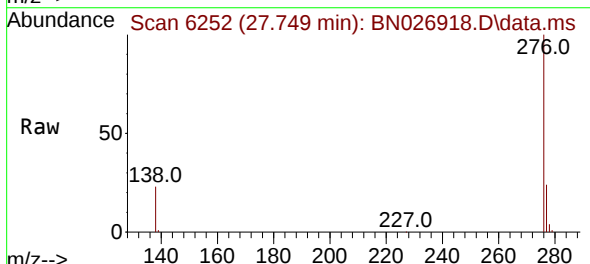
Tgt Ion:278 Resp: 32394
Ion Ratio Lower Upper
278 100
139 19.6 15.7 23.5
279 28.0 20.2 30.4

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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: 4.879 ng/ul
RT: 27.749 min Scan# 6252
Delta R.T. 0.003 min
Lab File: BN026918.D
Acq: 16 Aug 2023 02:11



Tgt Ion:276 Resp: 1125593
Ion Ratio Lower Upper
276 100
138 23.1 19.3 28.9
277 24.3 19.8 29.8

