

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026599.D
 Acq On : 20 Jul 2023 19:33
 Operator : MA/JU
 Sample : 03452-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46P7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023

Quant Time: Jul 20 21:49:16 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 16:21:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	1702	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.636	136	5461	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.476	164	3721	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	9015	0.400	ng/ul	0.00
17) Chrysene-d12	21.419	240	9434	0.400	ng/ul	# 0.00
23) Perylene-d12	23.793	264	8838	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	4780	2.132	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	2522	0.340	ng/ul	0.00
18) Fluoranthene-d10	19.250	212	8598	0.263	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.685	128	1740	0.116	ng/ul#	84
7) 2-Methylnaphthalene	12.302	142	182	0.021	ng/ul#	77
10) Acenaphthylene	14.194	152	675	0.037	ng/ul#	67
12) Fluorene	15.522	166	393	0.027	ng/ul#	89
15) Phenanthrene	17.261	178	7342	0.256	ng/ul	98
16) Anthracene	17.350	178	847	0.034	ng/ul#	59
19) Fluoranthene	19.278	202	23644	0.535	ng/ul#	96
20) Pyrene	19.641	202	17367	0.362	ng/ul	98
21) Benzo(a)anthracene	21.405	228	8059	0.232	ng/ul	96
22) Chrysene	21.457	228	11765	0.298	ng/ul	94
24) Benzo(b)fluoranthene	23.074	252	16418m	0.477	ng/ul	
25) Benzo(k)fluoranthene	23.117	252	6274m	0.174	ng/ul	
26) Benzo(a)pyrene	23.685	252	1642	0.054	ng/ul#	26
27) Indeno(1,2,3-cd)pyrene	26.248	276	5354	0.133	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.258	278	1631	0.053	ng/ul#	21

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

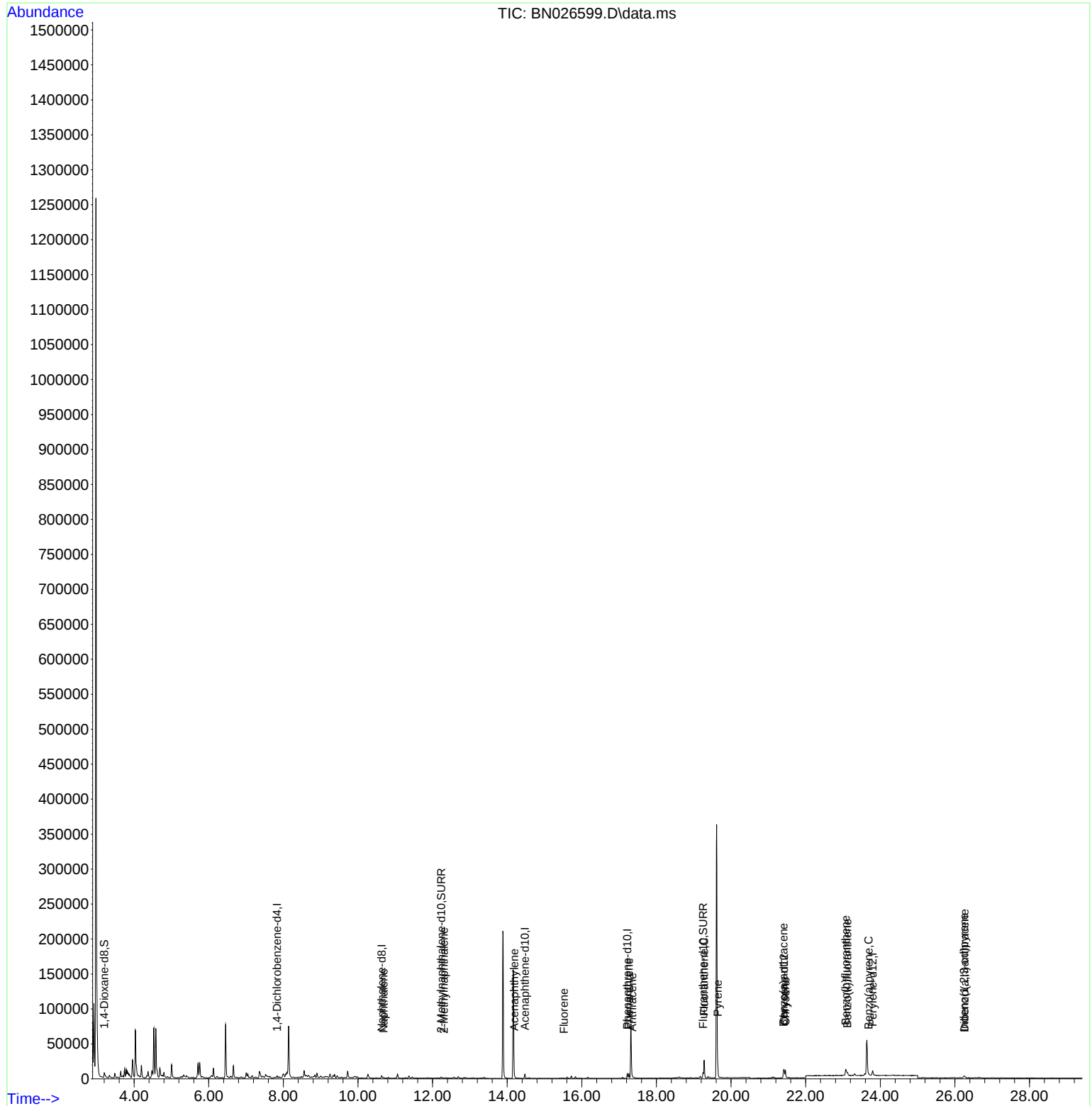
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026599.D
Acq On : 20 Jul 2023 19:33
Operator : MA/JU
Sample : 03452-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

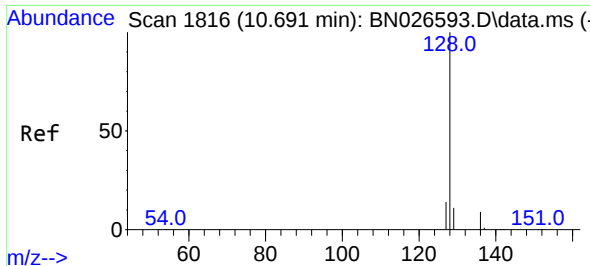
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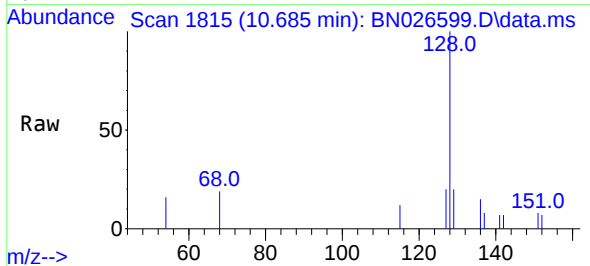
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 16:21:17 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.116 ng/ul
RT: 10.685 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

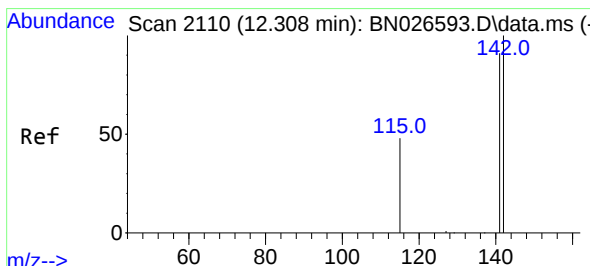
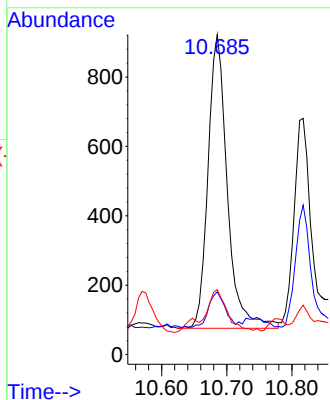
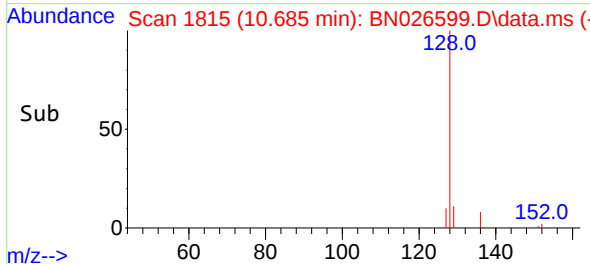
Instrument :
BNA_N
ClientSampleId :
A46P7



Tgt Ion:128 Resp: 1740
Ion Ratio Lower Upper
128 100
129 19.6 10.2 15.2
127 20.3 11.4 17.0

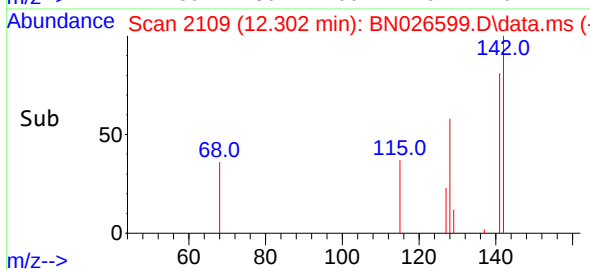
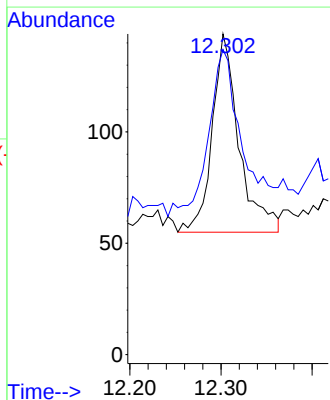
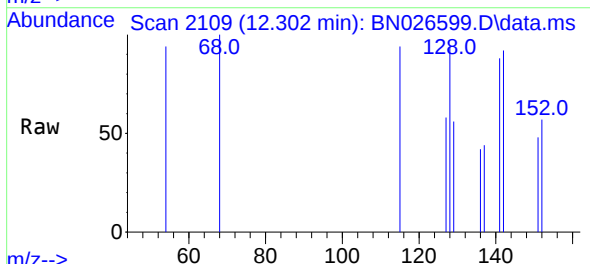
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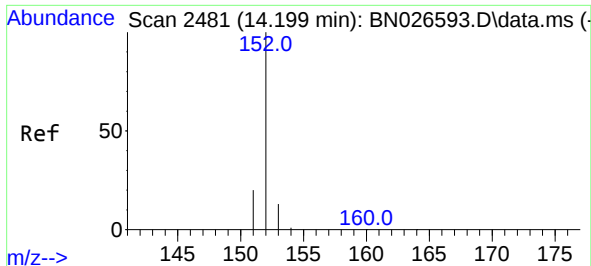
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.302 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

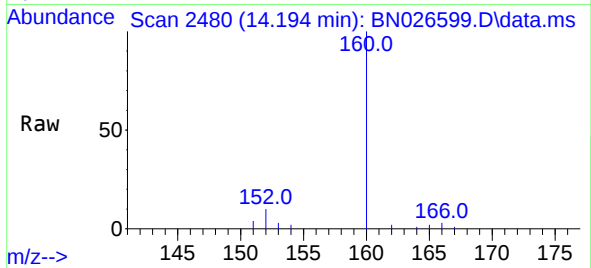
Tgt Ion:142 Resp: 182
Ion Ratio Lower Upper
142 100
141 112.1 72.3 108.5





#10
Acenaphthylene
Concen: 0.037 ng/ul
RT: 14.194 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

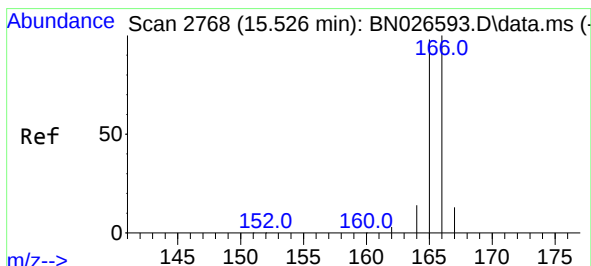
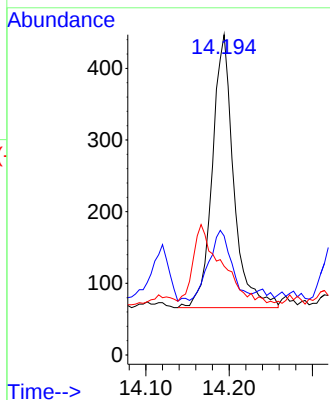
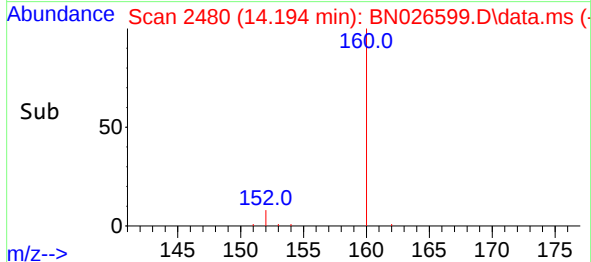
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:152 Resp: 679
Ion Ratio Lower Upper
152 100
151 37.1 17.0 25.6
153 27.7 11.4 17.2

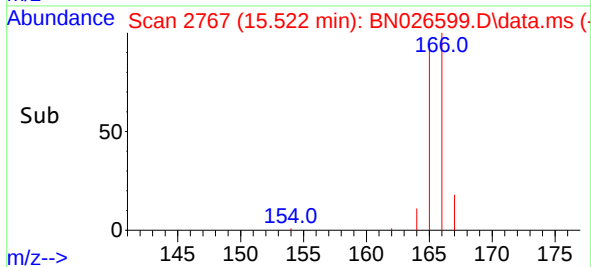
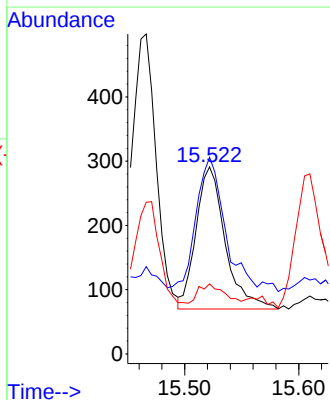
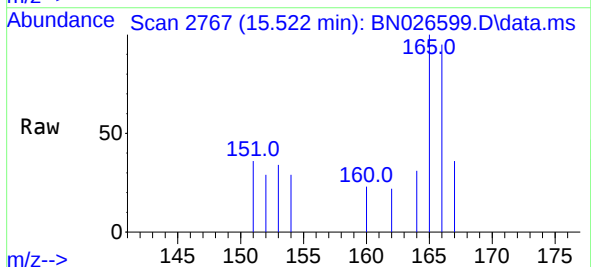
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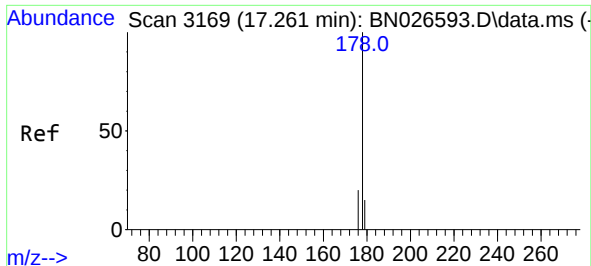
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.522 min Scan# 2767
Delta R.T. -0.005 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

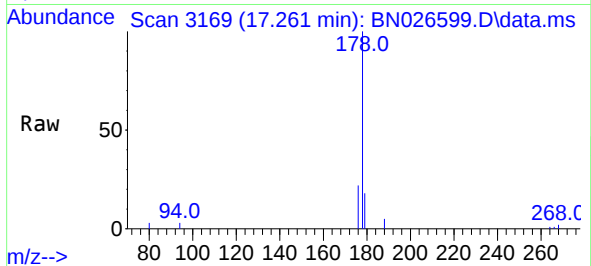
Tgt Ion:166 Resp: 393
Ion Ratio Lower Upper
166 100
165 105.2 80.6 120.8
167 37.5 12.0 18.0





#15
Phenanthrene
Concen: 0.256 ng/u1
RT: 17.261 min Scan# 3169
Delta R.T. 0.000 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

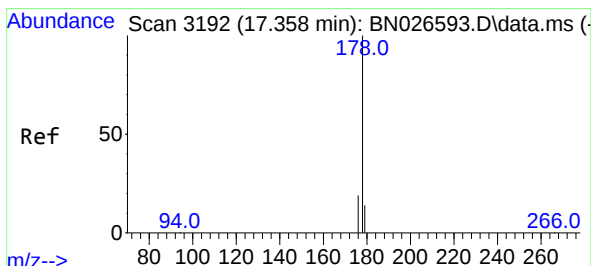
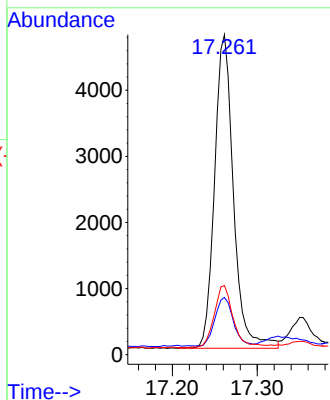
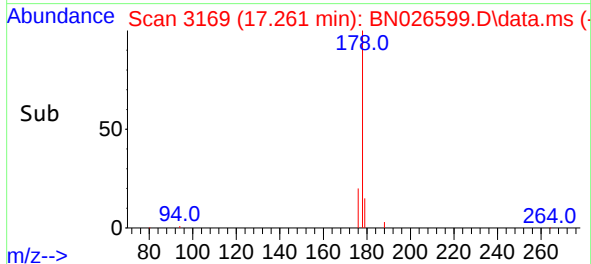
Instrument :
BNA_N
ClientSampleId :
A46P7



Tgt Ion:178 Resp: 7342
Ion Ratio Lower Upper
178 100
179 17.9 13.7 20.5
176 21.6 16.5 24.7

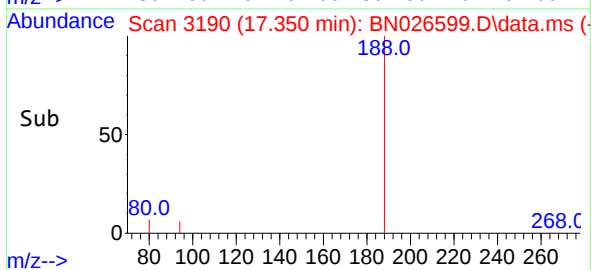
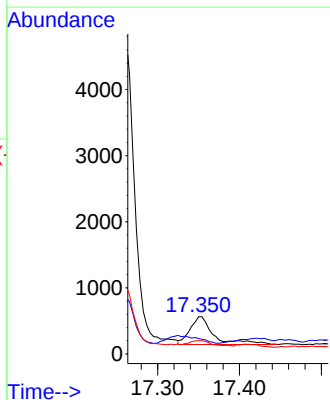
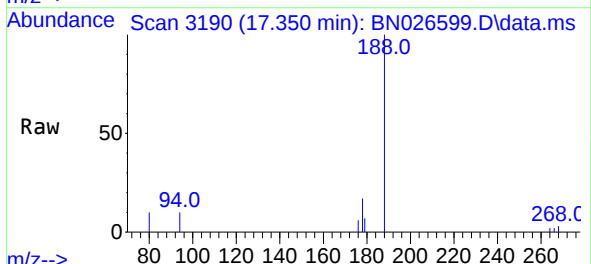
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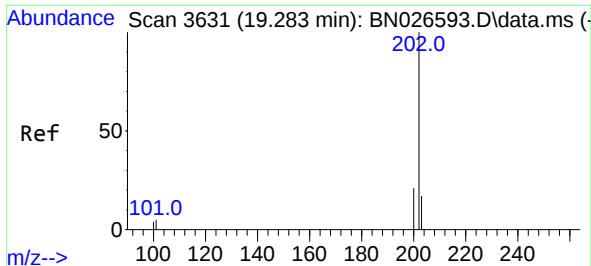
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#16
Anthracene
Concen: 0.034 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.008 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

Tgt Ion:178 Resp: 847
Ion Ratio Lower Upper
178 100
179 41.3 14.8 22.2#
176 35.5 16.6 25.0#





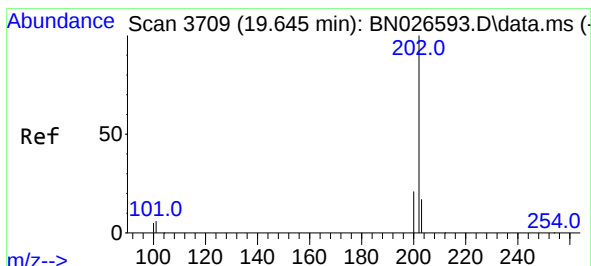
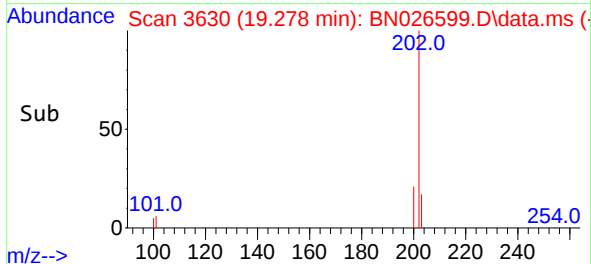
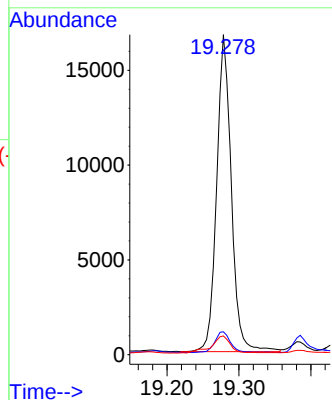
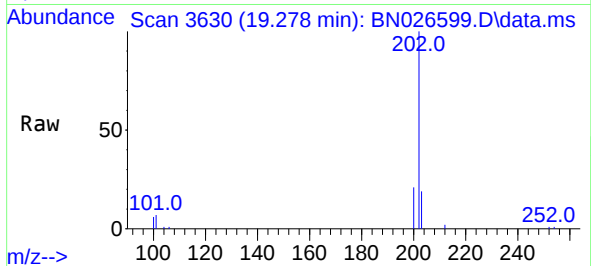
#19
Fluoranthene
Concen: 0.535 ng/ul
RT: 19.278 min Scan# 3630
Delta R.T. -0.005 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

Instrument :
BNA_N
ClientSampleId :
A46P7

Tgt Ion:202 Resp: 23644
Ion Ratio Lower Upper
202 100
101 7.2 7.0 10.4
100 5.9 6.0 9.0

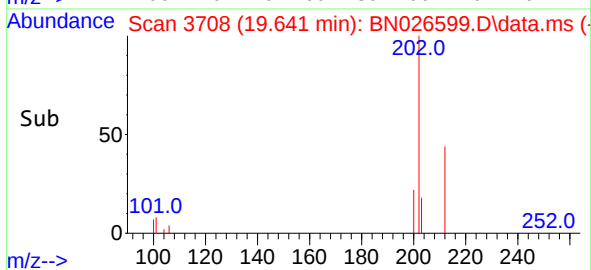
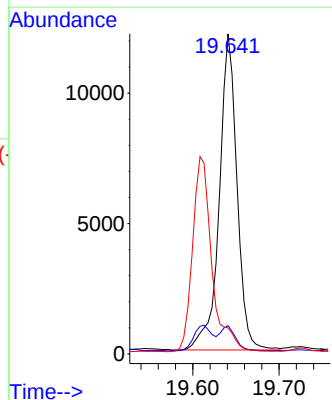
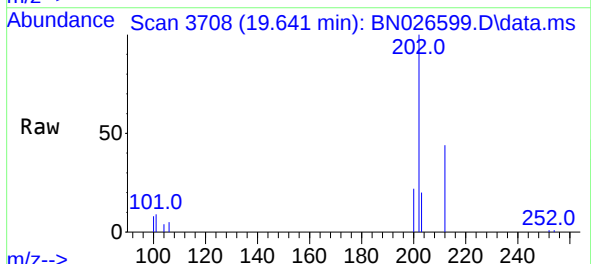
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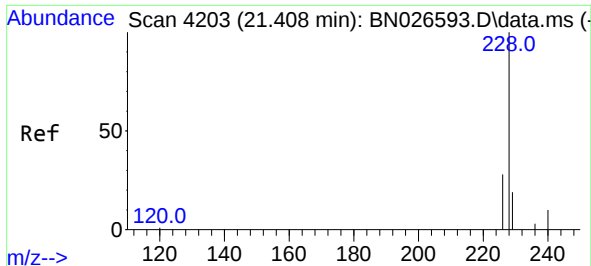
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#20
Pyrene
Concen: 0.362 ng/ul
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

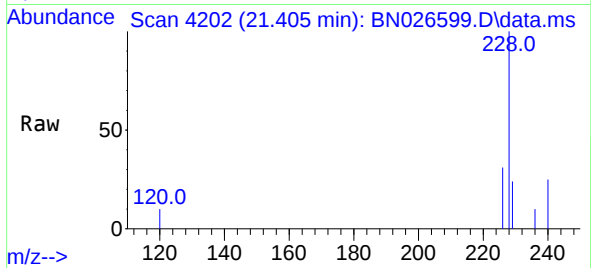
Tgt Ion:202 Resp: 17367
Ion Ratio Lower Upper
202 100
101 8.9 8.0 12.0
100 8.1 6.2 9.2





#21
Benzo(a)anthracene
Concen: 0.232 ng/u1
RT: 21.405 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

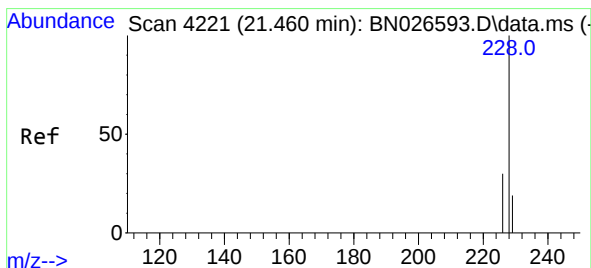
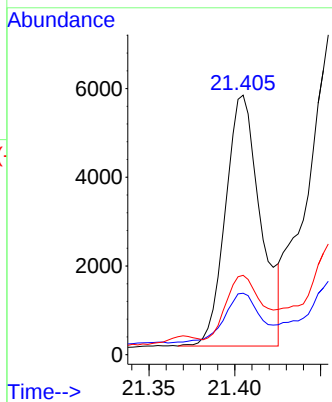
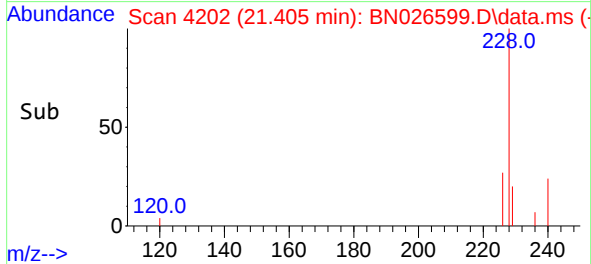
Instrument :
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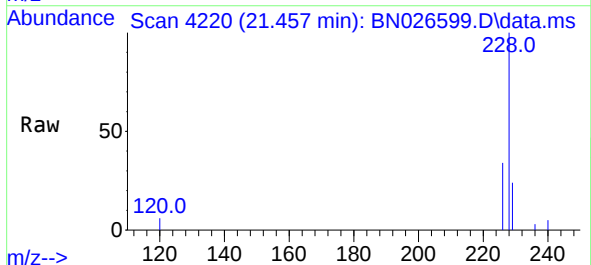
Tgt Ion:228 Resp: 8059
Ion Ratio Lower Upper
228 100
229 23.7 16.7 25.1
226 30.6 23.5 35.3

Manual Integrations
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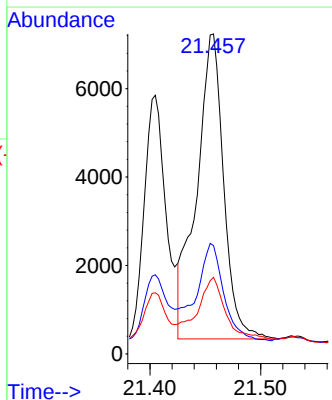
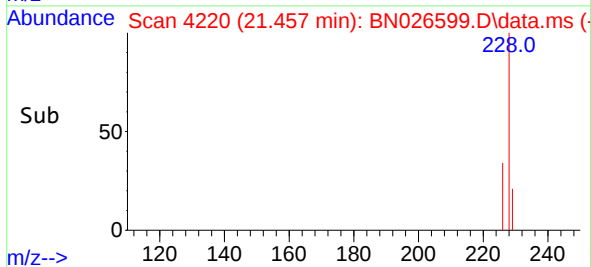
Reviewed By :Yogesh Patel 07/20/2023
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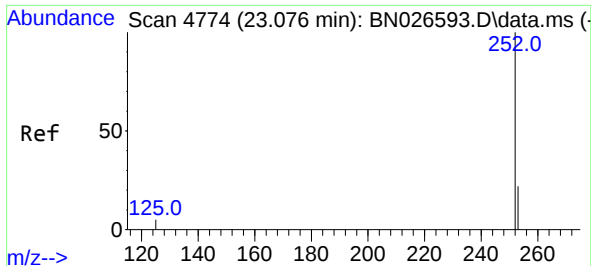


#22
Chrysene
Concen: 0.298 ng/u1
RT: 21.457 min Scan# 4220
Delta R.T. -0.003 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33



Tgt Ion:228 Resp: 11765
Ion Ratio Lower Upper
228 100
226 33.9 25.2 37.8
229 23.9 16.4 24.6





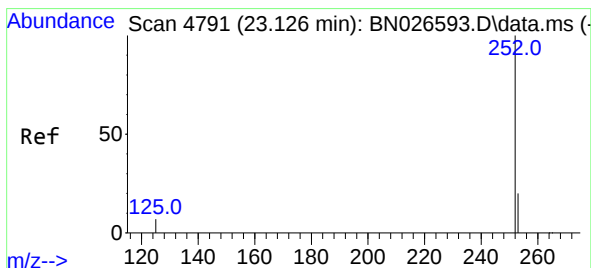
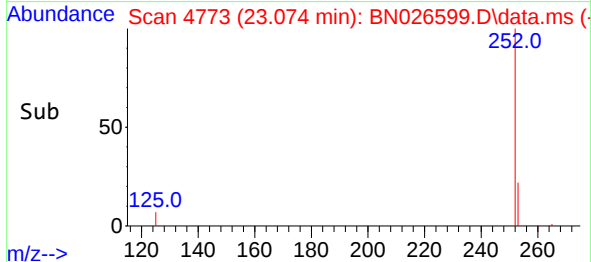
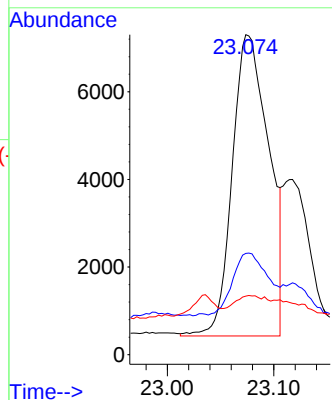
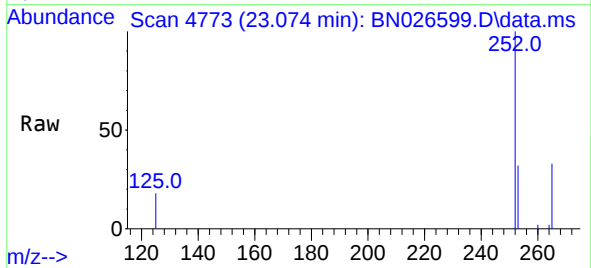
#24
Benzo(b)fluoranthene
Concen: 0.477 ng/ul m
RT: 23.074 min Scan# 4774
Delta R.T. -0.003 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

Instrument :
BNA_N
ClientSampleId :
A46P7

Tgt Ion:252 Resp: 16418
Ion Ratio Lower Upper
252 100
253 31.7 0.0 68.6
125 18.3 0.0 34.0

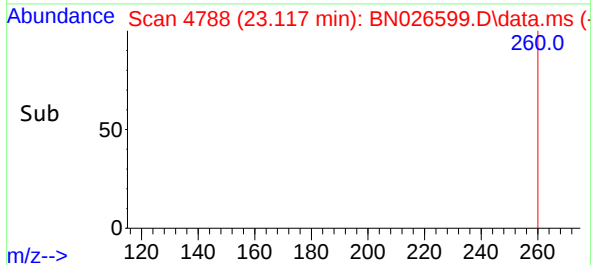
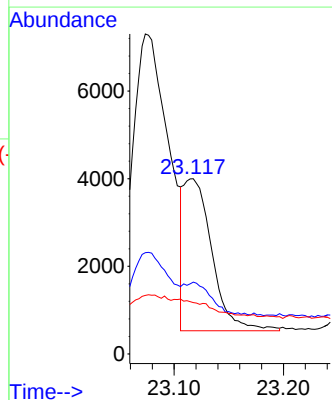
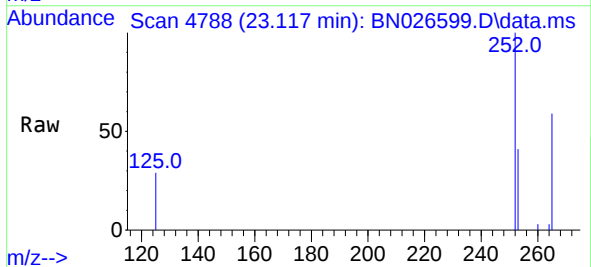
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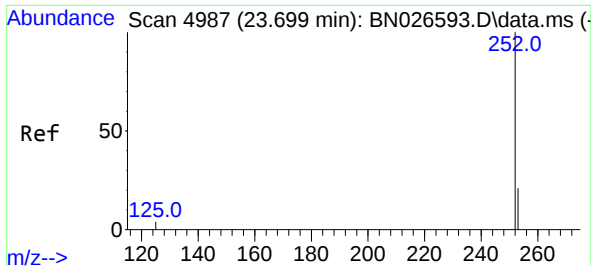
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.174 ng/ul m
RT: 23.117 min Scan# 4788
Delta R.T. -0.009 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

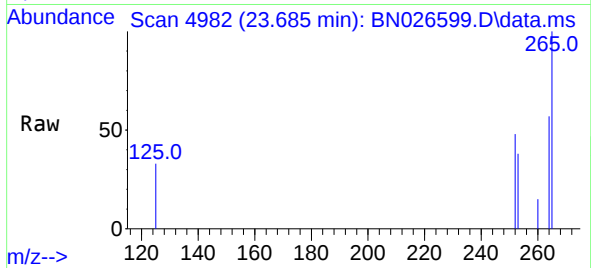
Tgt Ion:252 Resp: 6274
Ion Ratio Lower Upper
252 100
253 41.0 27.2 40.8#
125 29.3 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.054 ng/ul
RT: 23.685 min Scan# 4982
Delta R.T. -0.015 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

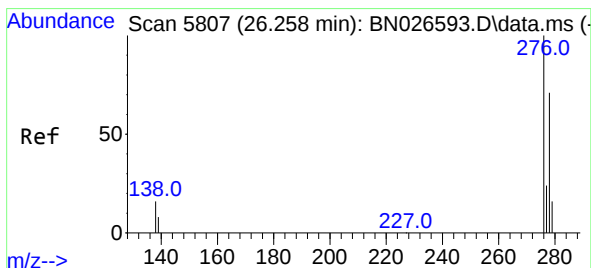
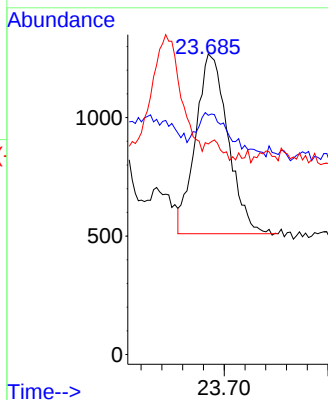
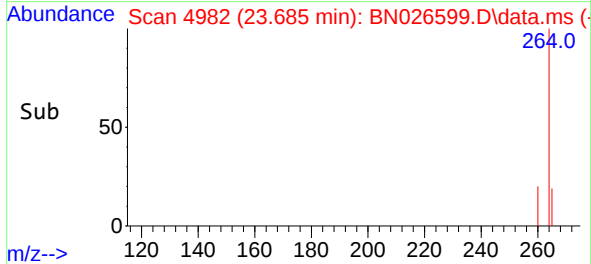
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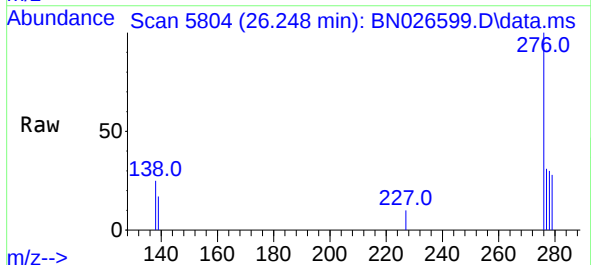
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Ion Ratio Lower Upper
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125 70.1 19.3 28.9#

Manual Integrations
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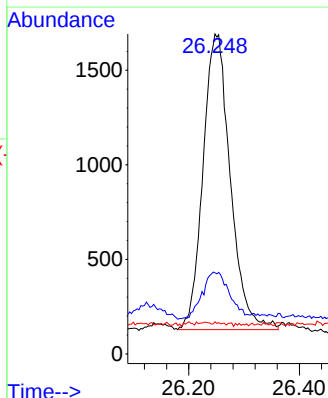
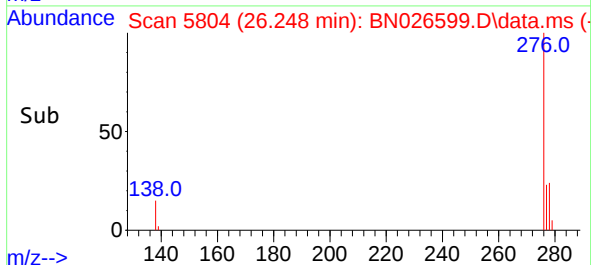
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

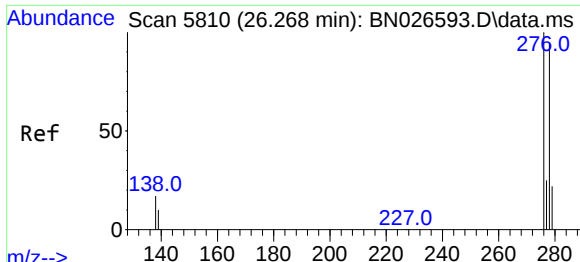


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.133 ng/ul
RT: 26.248 min Scan# 5804
Delta R.T. -0.010 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33



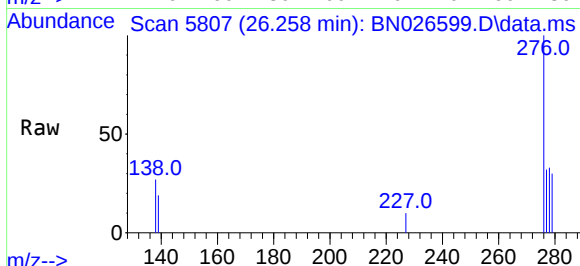
Tgt Ion:276 Resp: 5354
Ion Ratio Lower Upper
276 100
138 16.2 22.2 33.4#
227 0.3 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul
RT: 26.258 min Scan# 5810
Delta R.T. -0.010 min
Lab File: BN026599.D
Acq: 20 Jul 2023 19:33

Instrument :
BNA_N
ClientSampleId :
A46P7



Tgt Ion: 278 Resp: 163

Ion	Ratio	Lower	Upper
278	100		
139	58.3	18.9	28.3
279	90.1	31.3	46.9

Manual Integrations
APPROVED

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