

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026596.D
 Acq On : 20 Jul 2023 17:41
 Operator : MA/JU
 Sample : 03452-17
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46P9

Manual Integrations
 APPROVED

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

Quant Time: Jul 20 21:48:46 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	7.836	152	1610	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	4876	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.471	164	3430	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	9521	0.400	ng/ul	0.00
17) Chrysene-d12	21.410	240	8979	0.400	ng/ul #	-0.01
23) Perylene-d12	23.778	264	8286	0.400	ng/ul #	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	5428	2.560	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	2593	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.250	212	9140	0.294	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.685	128	1099	0.082	ng/ul#	76
10) Acenaphthylene	14.189	152	1489	0.089	ng/ul#	85
12) Fluorene	15.522	166	630	0.047	ng/ul#	90
15) Phenanthrene	17.261	178	10852	0.358	ng/ul	99
16) Anthracene	17.350	178	1605	0.061	ng/ul#	82
19) Fluoranthene	19.278	202	30472	0.724	ng/ul#	94
20) Pyrene	19.641	202	21293m	0.466	ng/ul	
21) Benzo(a)anthracene	21.396	228	12797	0.388	ng/ul	99
22) Chrysene	21.448	228	11702	0.312	ng/ul	99
24) Benzo(b)fluoranthene	23.062	252	16274m	0.504	ng/ul	
25) Benzo(k)fluoranthene	23.103	252	5416m	0.160	ng/ul	
26) Benzo(a)pyrene	23.676	252	1945	0.068	ng/ul#	53
27) Indeno(1,2,3-cd)pyrene	26.237	276	5150	0.137	ng/ul#	47
28) Dibenzo(a,h)anthracene	26.250	278	1655	0.057	ng/ul#	40

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

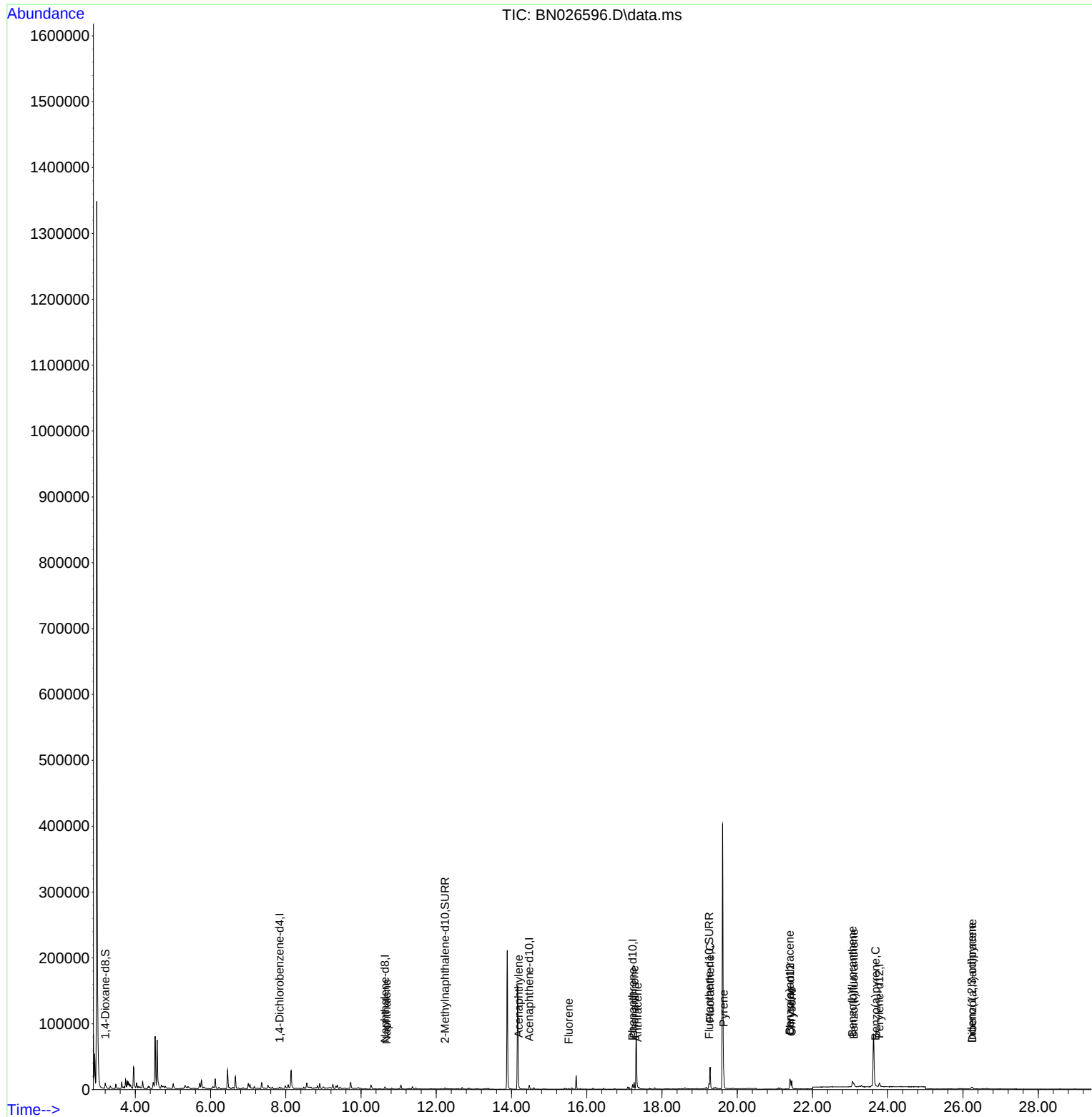
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026596.D
Acq On : 20 Jul 2023 17:41
Operator : MA/JU
Sample : 03452-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

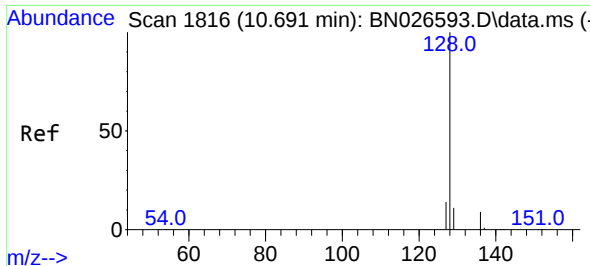
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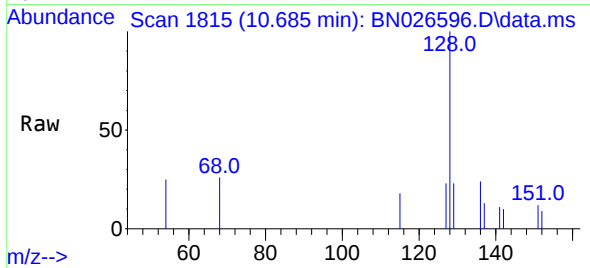
Quant Time: Jul 20 21:48:46 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 16:21:17 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.082 ng/ul
RT: 10.685 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN026596.D
Acq: 20 Jul 2023 17:41

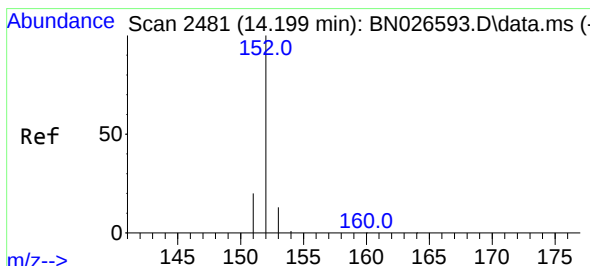
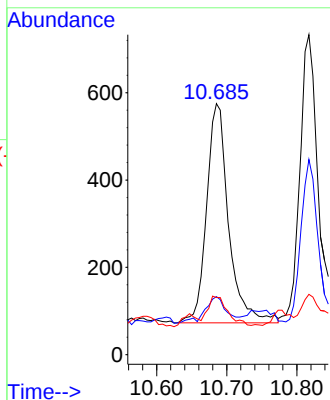
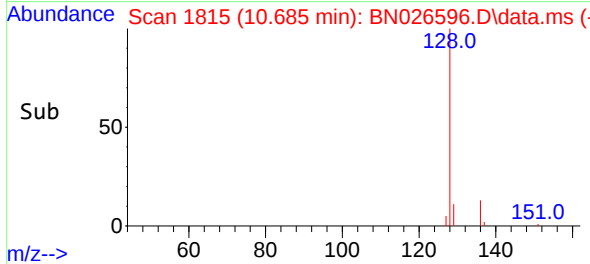
Instrument :
BNA_N
ClientSampleId :
A46P9



Tgt Ion:128 Resp: 1099
Ion Ratio Lower Upper
128 100
129 23.1 10.2 15.2#
127 22.8 11.4 17.0#

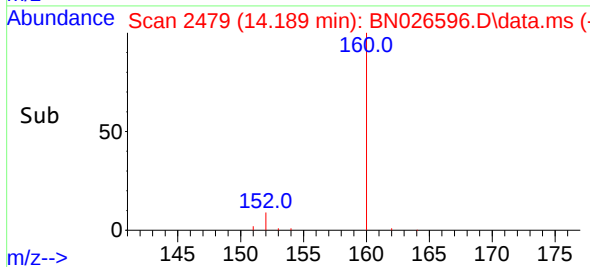
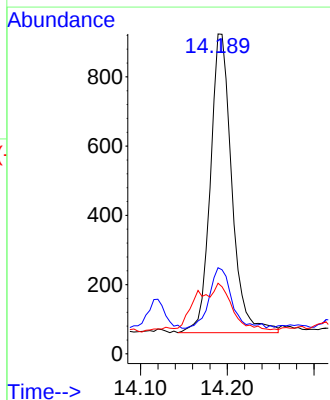
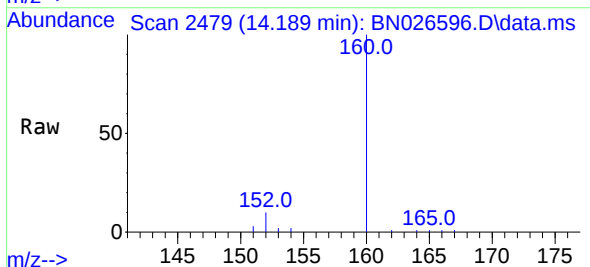
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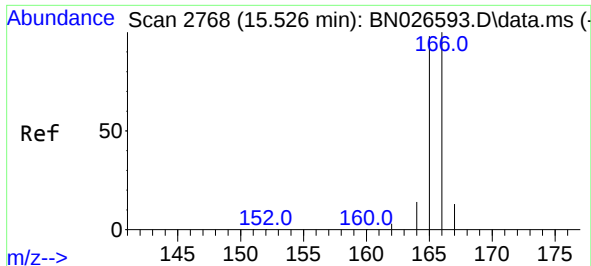
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. -0.009 min
Lab File: BN026596.D
Acq: 20 Jul 2023 17:41

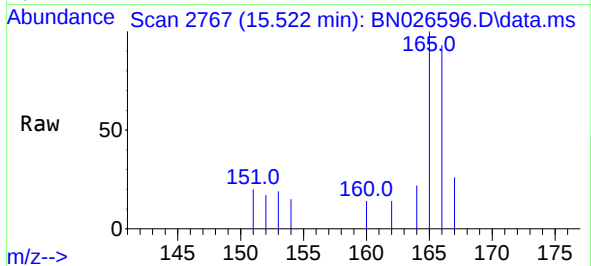
Tgt Ion:152 Resp: 1489
Ion Ratio Lower Upper
152 100
151 26.9 17.0 25.6#
153 22.1 11.4 17.2#





#12
Fluorene
Concen: 0.047 ng/ul
RT: 15.522 min Scan# 2768
Delta R.T. -0.005 min
Lab File: BN026596.D
Acq: 20 Jul 2023 17:41

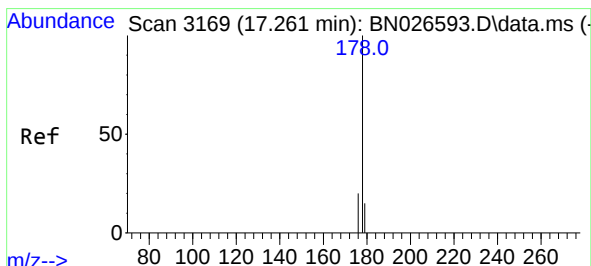
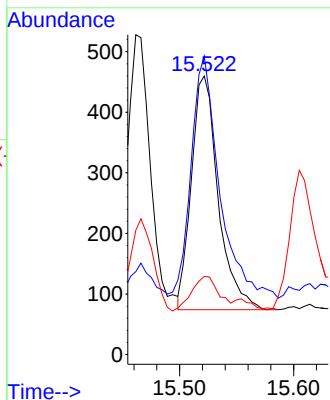
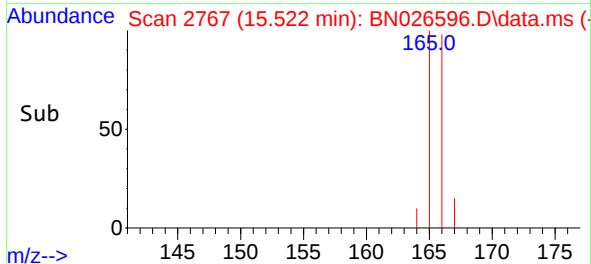
Instrument :
BNA_N
ClientSampleId :
A46P9



Tgt Ion:166 Resp: 630
Ion Ratio Lower Upper
166 100
165 107.2 80.6 120.8
167 28.0 12.0 18.0

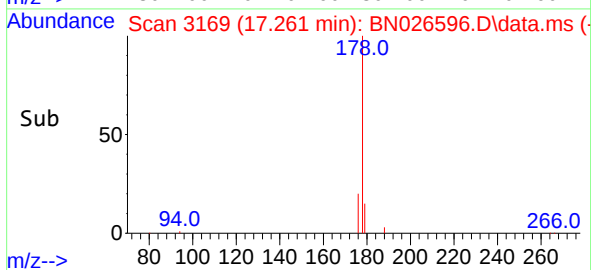
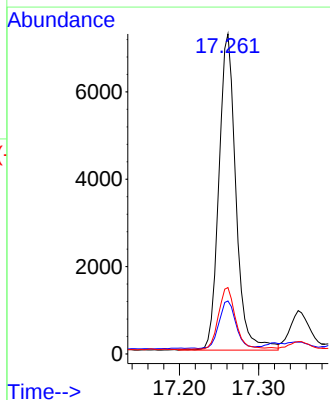
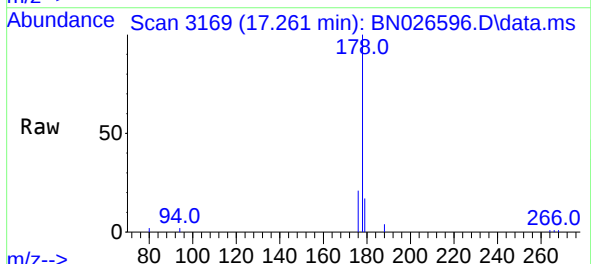
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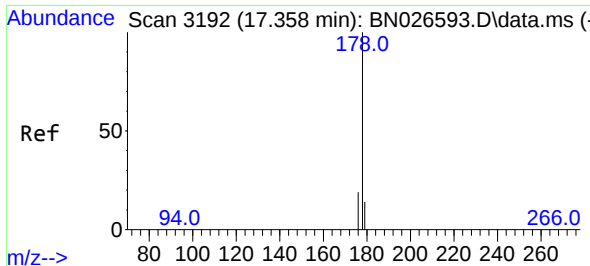
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#15
Phenanthrene
Concen: 0.358 ng/ul
RT: 17.261 min Scan# 3169
Delta R.T. -0.000 min
Lab File: BN026596.D
Acq: 20 Jul 2023 17:41

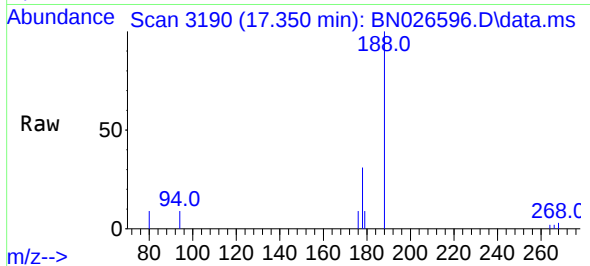
Tgt Ion:178 Resp: 10852
Ion Ratio Lower Upper
178 100
179 16.6 13.7 20.5
176 20.8 16.5 24.7





#16
 Anthracene
 Concen: 0.061 ng/ul
 RT: 17.350 min Scan# 3192
 Delta R.T. -0.009 min
 Lab File: BN026596.D
 Acq: 20 Jul 2023 17:41

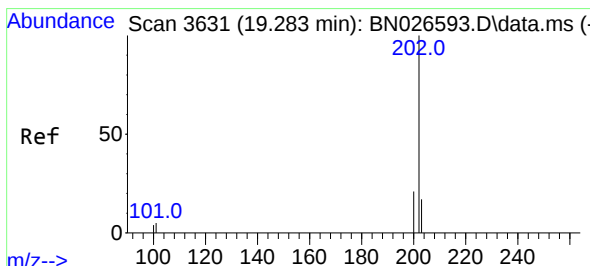
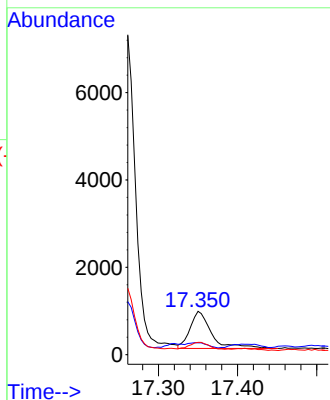
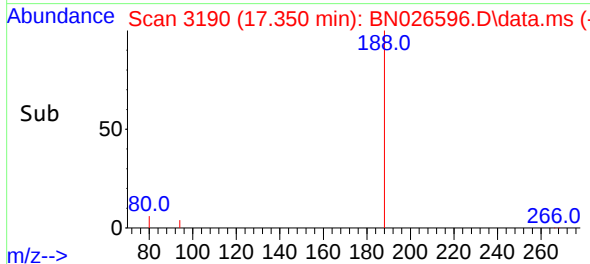
Instrument :
 BNA_N
 ClientSampleId :
 A46P9



Tgt Ion:178 Resp: 1609
 Ion Ratio Lower Upper
 178 100
 179 27.3 14.8 22.2#
 176 28.4 16.6 25.0#

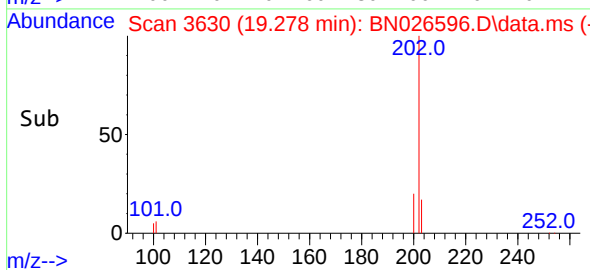
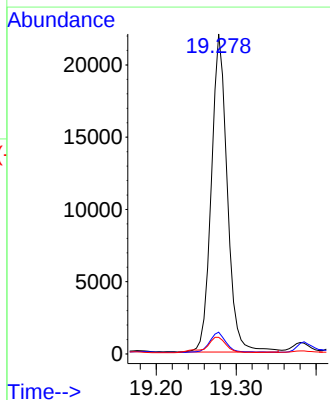
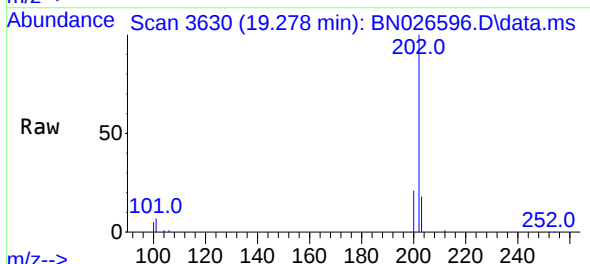
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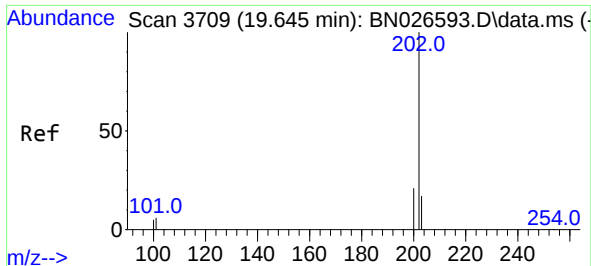
Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023



#19
 Fluoranthene
 Concen: 0.724 ng/ul
 RT: 19.278 min Scan# 3630
 Delta R.T. -0.005 min
 Lab File: BN026596.D
 Acq: 20 Jul 2023 17:41

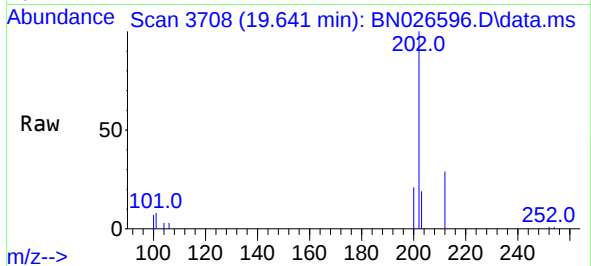
Tgt Ion:202 Resp: 30472
 Ion Ratio Lower Upper
 202 100
 101 6.8 7.0 10.4#
 100 5.2 6.0 9.0#





#20
Pyrene
Concen: 0.466 ng/ul m
RT: 19.641 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026596.D
Acq: 20 Jul 2023 17:41

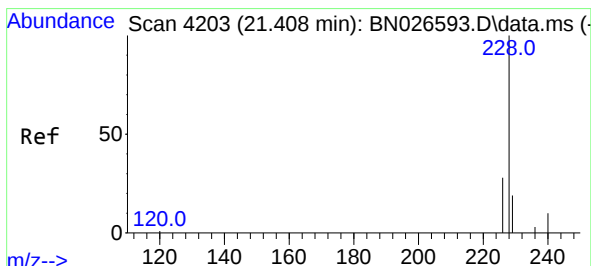
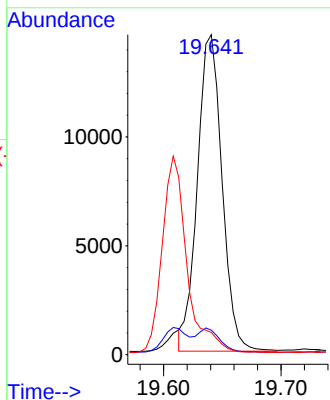
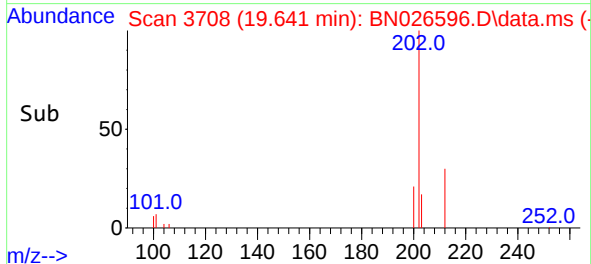
Instrument :
BNA_N
ClientSampleId :
A46P9



Tgt Ion:202 Resp: 2129
Ion Ratio Lower Upper
202 100
101 7.6 8.0 12.0
100 7.0 6.2 9.2

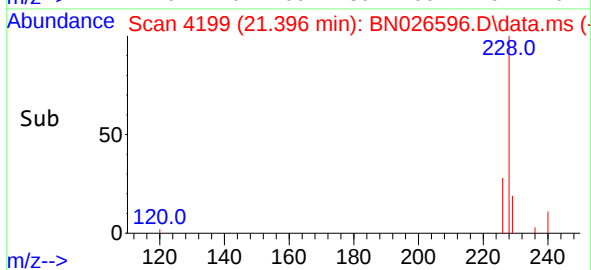
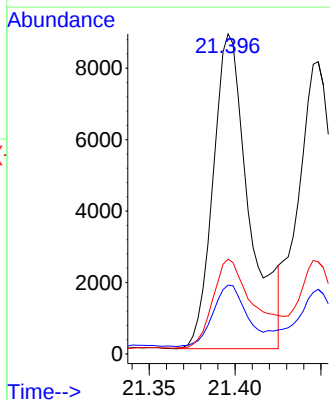
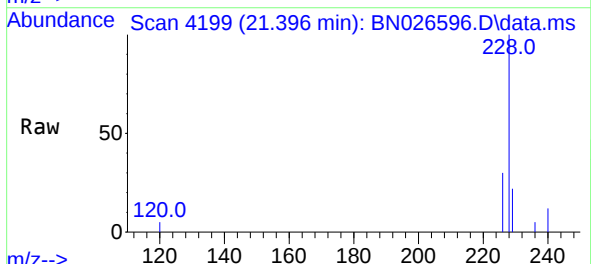
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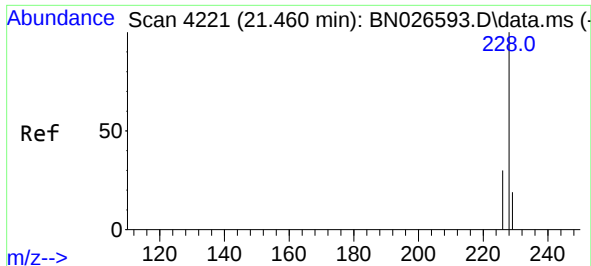
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#21
Benzo(a)anthracene
Concen: 0.388 ng/ul
RT: 21.396 min Scan# 4199
Delta R.T. -0.012 min
Lab File: BN026596.D
Acq: 20 Jul 2023 17:41

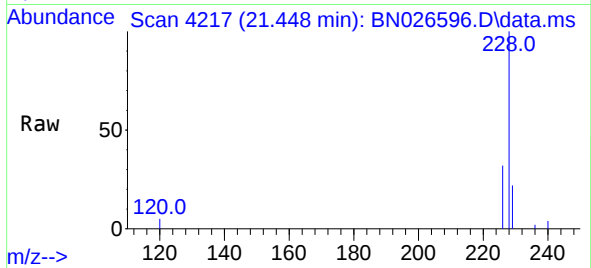
Tgt Ion:228 Resp: 12797
Ion Ratio Lower Upper
228 100
229 21.5 16.7 25.1
226 29.7 23.5 35.3





#22
Chrysene
Concen: 0.312 ng/ul
RT: 21.448 min Scan# 417
Delta R.T. -0.012 min
Lab File: BN026596.D
Acq: 20 Jul 2023 17:41

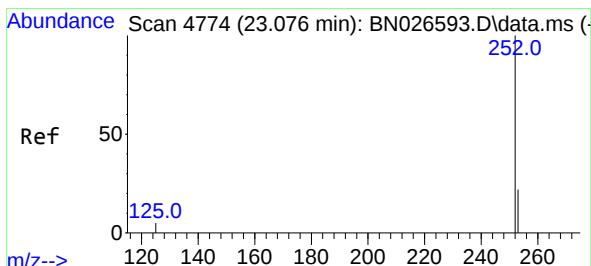
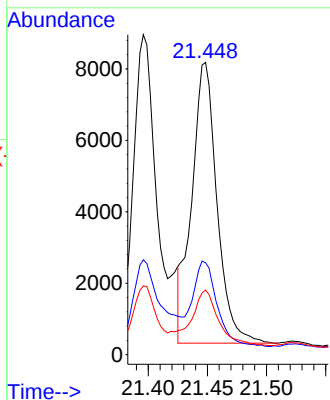
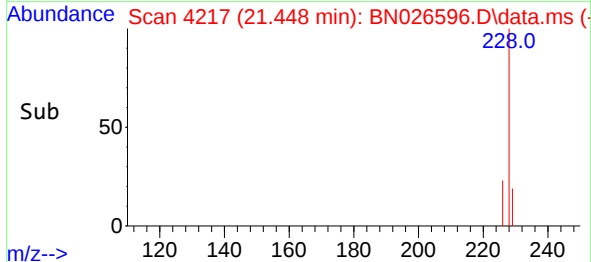
Instrument :
BNA_N
ClientSampleId :
A46P9



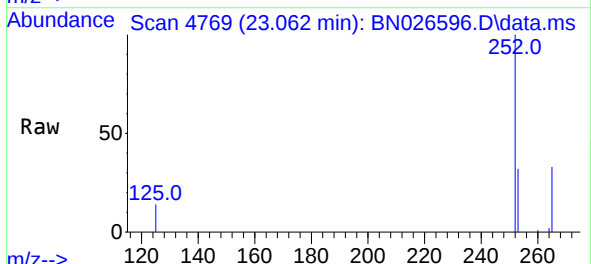
Tgt Ion:228 Resp: 1170
Ion Ratio Lower Upper
228 100
226 31.5 25.2 37.8
229 22.1 16.4 24.6

Manual Integrations
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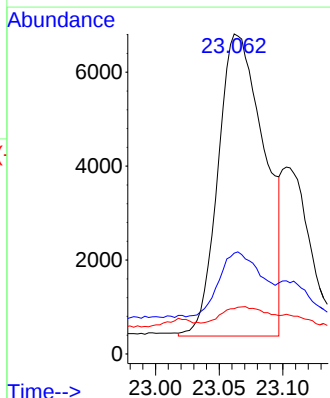
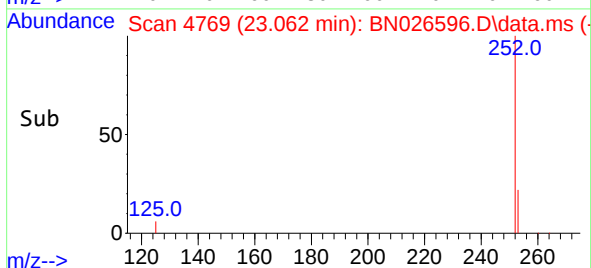
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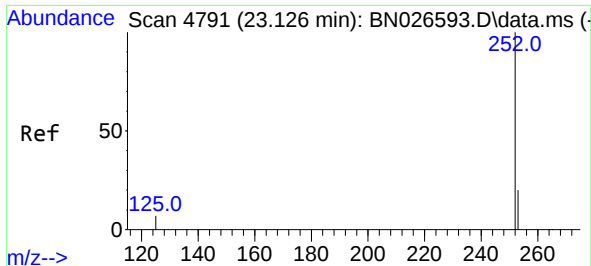


#24
Benzo(b)fluoranthene
Concen: 0.504 ng/ul m
RT: 23.062 min Scan# 4769
Delta R.T. -0.015 min
Lab File: BN026596.D
Acq: 20 Jul 2023 17:41



Tgt Ion:252 Resp: 16274
Ion Ratio Lower Upper
252 100
253 31.5 0.0 68.6
125 14.2 0.0 34.0





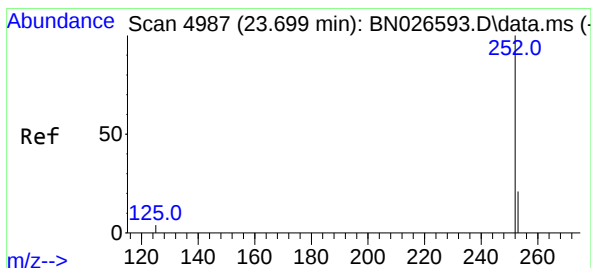
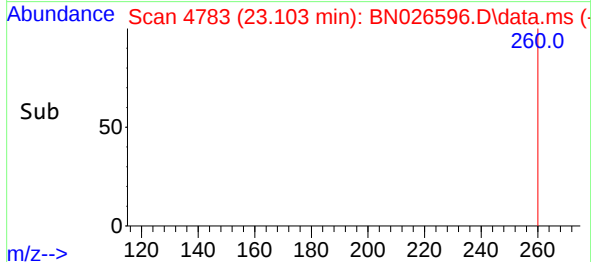
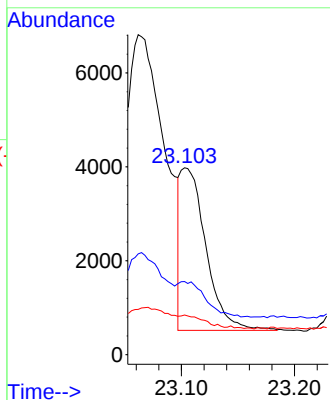
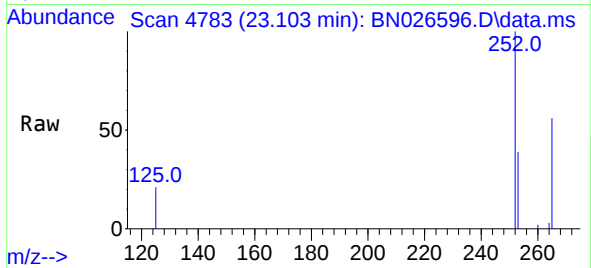
#25
Benzo(k)fluoranthene
Concen: 0.160 ng/ul m
RT: 23.103 min Scan# 4783
Delta R.T. -0.023 min
Lab File: BN026596.D
Acq: 20 Jul 2023 17:41

Instrument :
BNA_N
ClientSampleId :
A46P9

Tgt Ion:252 Resp: 5410
Ion Ratio Lower Upper
252 100
253 39.1 27.2 40.8
125 21.3 13.4 20.2

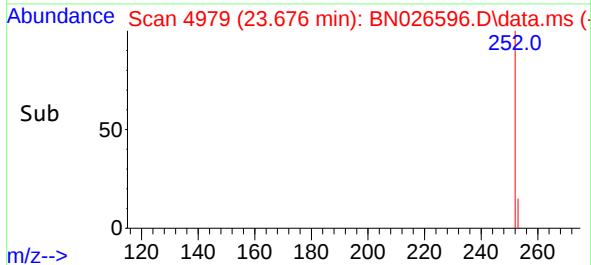
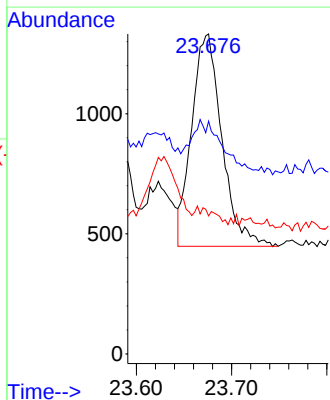
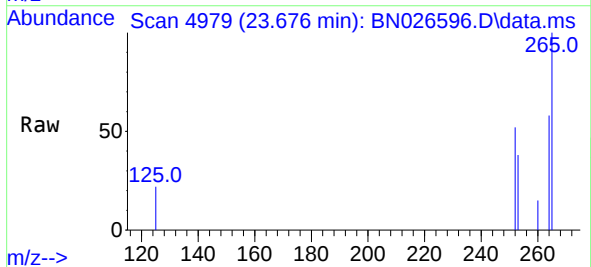
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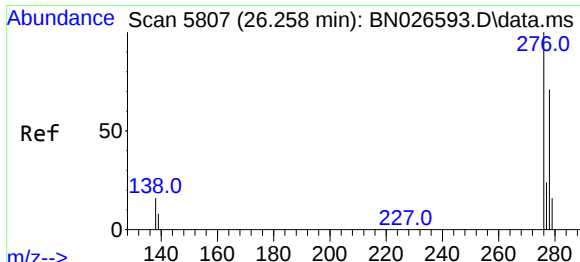
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#26
Benzo(a)pyrene
Concen: 0.068 ng/ul
RT: 23.676 min Scan# 4979
Delta R.T. -0.023 min
Lab File: BN026596.D
Acq: 20 Jul 2023 17:41

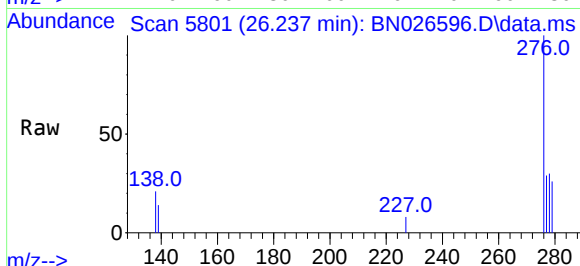
Tgt Ion:252 Resp: 1945
Ion Ratio Lower Upper
252 100
253 72.7 32.6 49.0#
125 43.2 19.3 28.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.137 ng/ul
RT: 26.237 min Scan# 5801
Delta R.T. -0.021 min
Lab File: BN026596.D
Acq: 20 Jul 2023 17:41

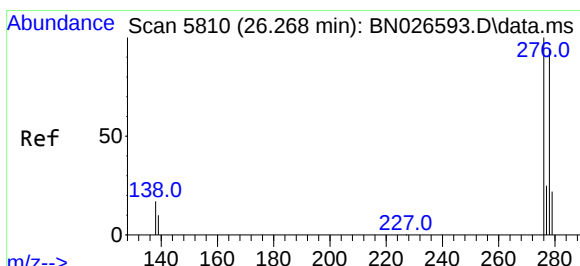
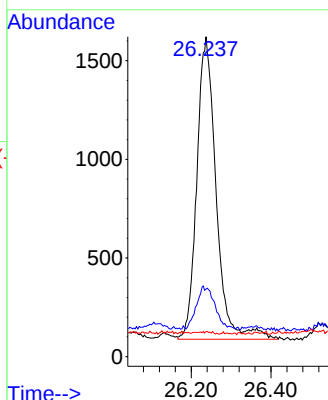
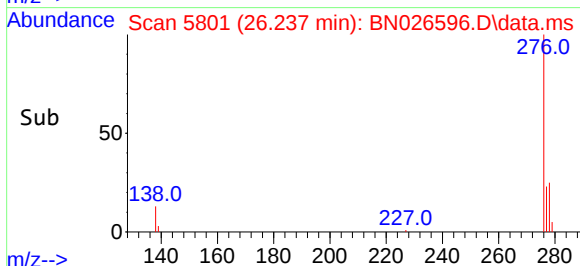
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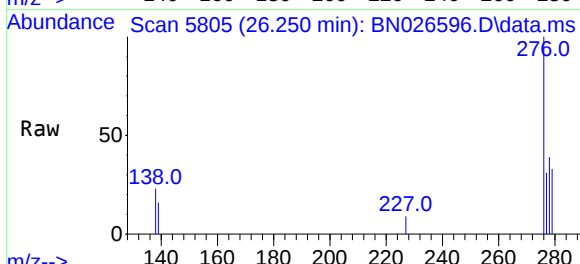
Tgt Ion: 276 Resp: 5150
Ion Ratio Lower Upper
276 100
138 0.0 22.2 33.4#
227 0.3 0.1 0.1#

Manual Integrations
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Supervised By : Sohil Jodhani 07/20/2023



#28
Dibenzo(a,h)anthracene
Concen: 0.057 ng/ul
RT: 26.250 min Scan# 5805
Delta R.T. -0.017 min
Lab File: BN026596.D
Acq: 20 Jul 2023 17:41



Tgt Ion: 278 Resp: 1655
Ion Ratio Lower Upper
278 100
139 41.1 18.9 28.3#
279 84.9 31.3 46.9#

