

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026595.D
 Acq On : 20 Jul 2023 17:04
 Operator : MA/JU
 Sample : 03452-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46P8

Manual Integrations
 APPROVED

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

Quant Time: Jul 20 21:48:35 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	1234	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	4115	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.472	164	2783	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	8758	0.400	ng/ul	0.00
17) Chrysene-d12	21.414	240	7934	0.400	ng/ul #	-0.01
23) Perylene-d12	23.790	264	7180	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	2815	1.732	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	1579	0.282	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	5905	0.215	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.685	128	1894	0.168	ng/ul#	90
7) 2-Methylnaphthalene	12.302	142	352	0.055	ng/ul	97
8) 1-Methylnaphthalene	12.522	142	339	0.049	ng/ul	96
10) Acenaphthylene	14.189	152	897	0.066	ng/ul#	72
11) Acenaphthene	14.536	153	1018	0.098	ng/ul	97
12) Fluorene	15.522	166	1480	0.136	ng/ul#	98
15) Phenanthrene	17.261	178	19134	0.686	ng/ul	98
16) Anthracene	17.350	178	1246	0.051	ng/ul#	80
19) Fluoranthene	19.278	202	33656	0.905	ng/ul#	94
20) Pyrene	19.641	202	25572	0.633	ng/ul#	95
21) Benzo(a)anthracene	21.399	228	13425	0.460	ng/ul	98
22) Chrysene	21.452	228	14179	0.427	ng/ul	96
24) Benzo(b)fluoranthene	23.071	252	18068m	0.646	ng/ul	
25) Benzo(k)fluoranthene	23.109	252	5913m	0.202	ng/ul	
26) Benzo(a)pyrene	23.685	252	1586	0.064	ng/ul#	31
27) Indeno(1,2,3-cd)pyrene	26.248	276	5359	0.164	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.251	278	1784	0.071	ng/ul#	38

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

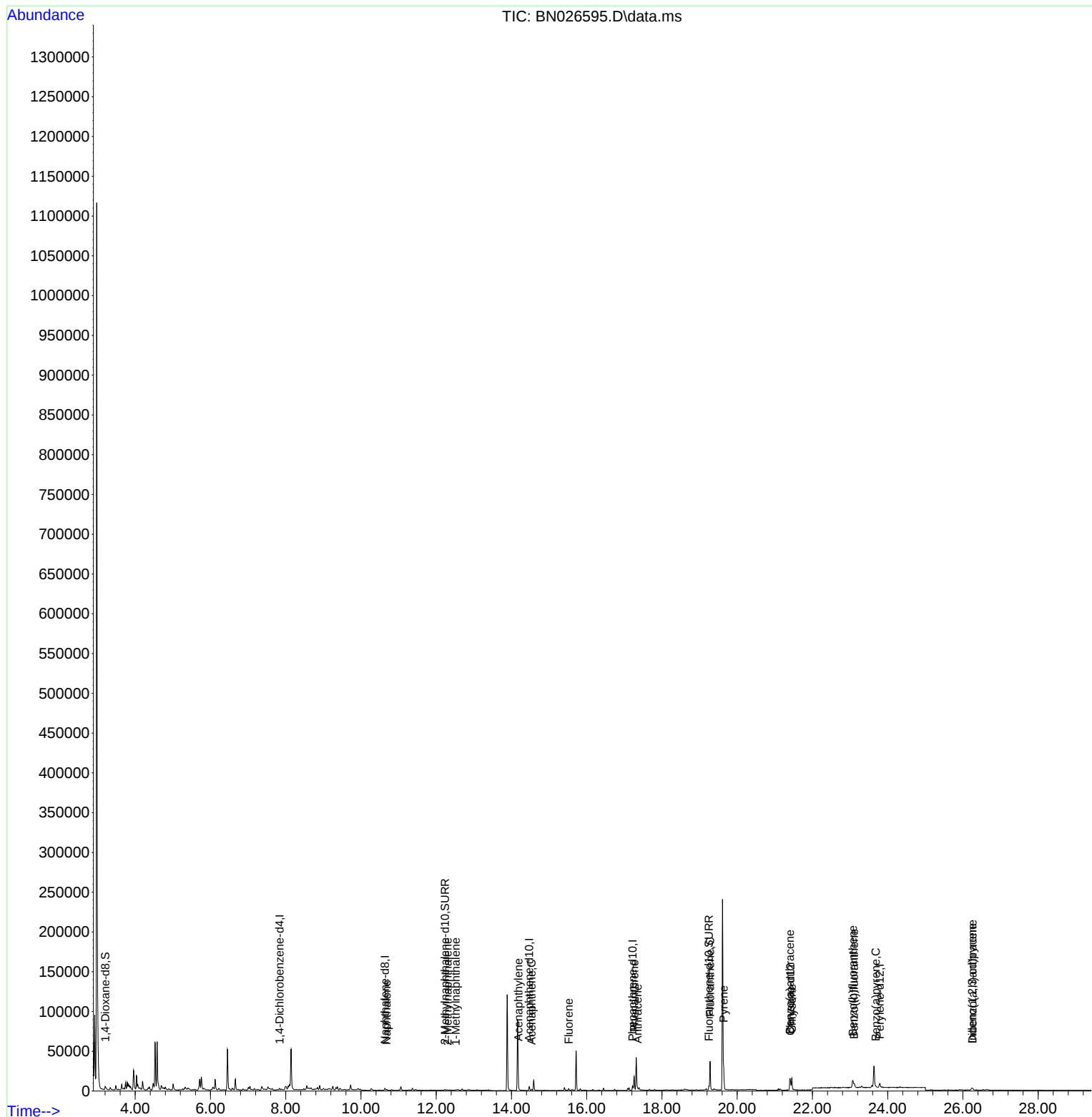
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026595.D
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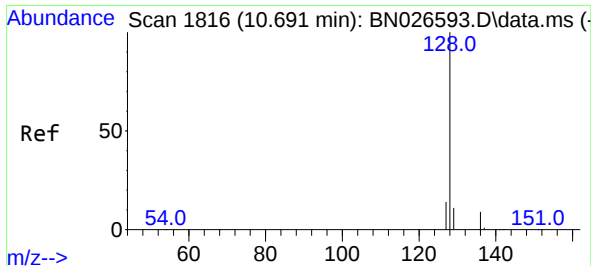
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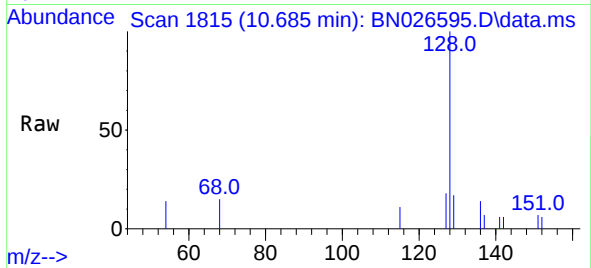
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 16:21:17 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.168 ng/ul
RT: 10.685 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

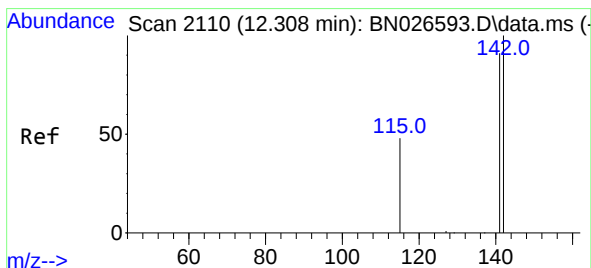
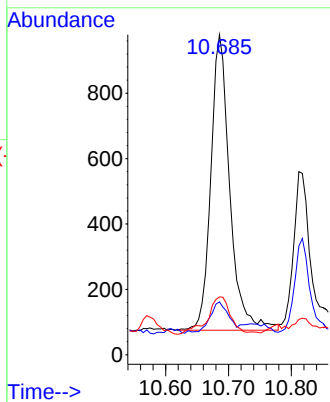
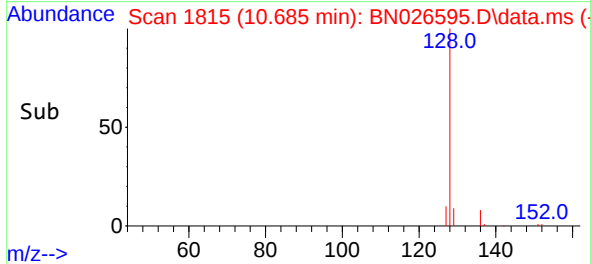
Instrument :
BNA_N
ClientSampleId :
A46P8



Tgt Ion:128 Resp: 1894
Ion Ratio Lower Upper
128 100
129 16.5 10.2 15.2
127 18.1 11.4 17.0

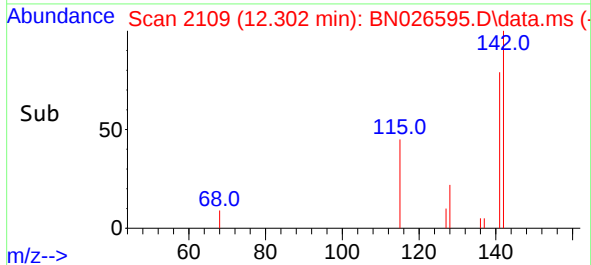
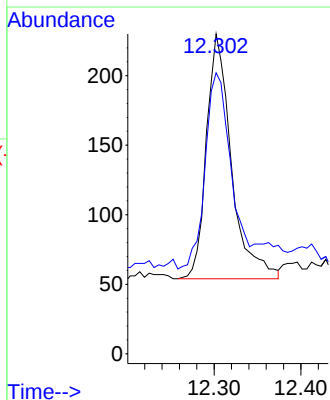
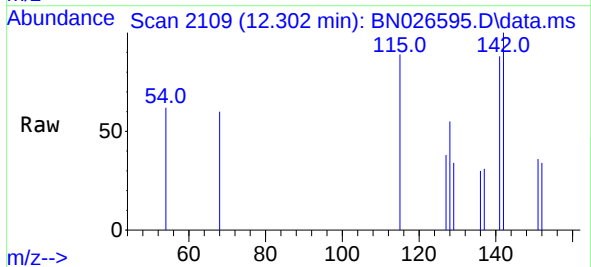
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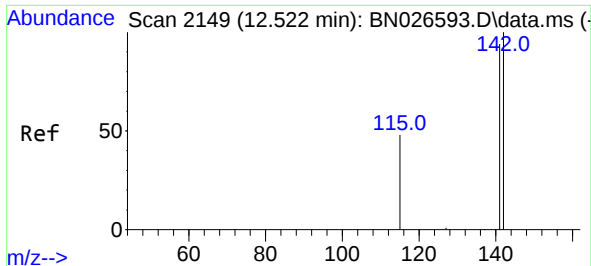
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.302 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

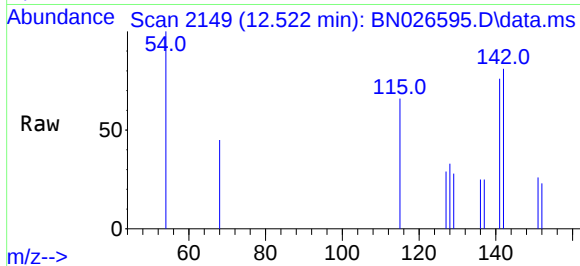
Tgt Ion:142 Resp: 352
Ion Ratio Lower Upper
142 100
141 93.2 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.522 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

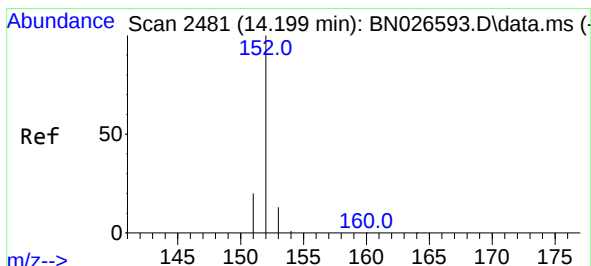
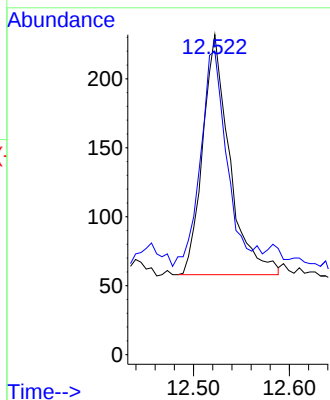
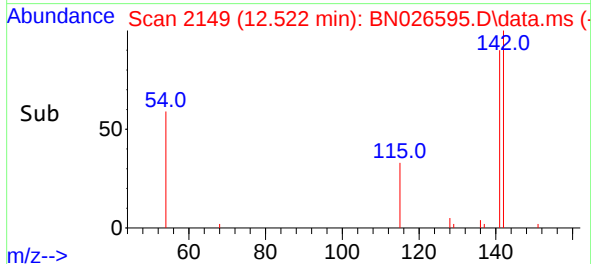
Instrument :
BNA_N
ClientSampleId :
A46P8



Tgt Ion:142 Resp: 339
Ion Ratio Lower Upper
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141 89.1 74.5 111.7

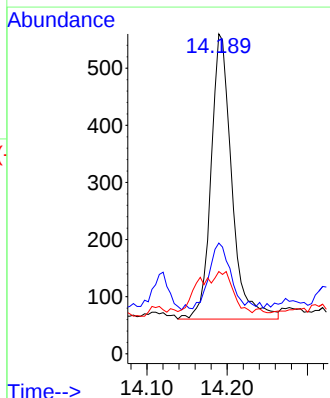
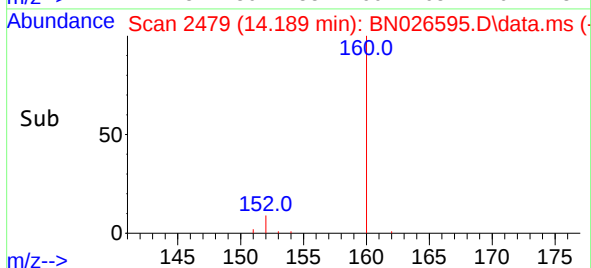
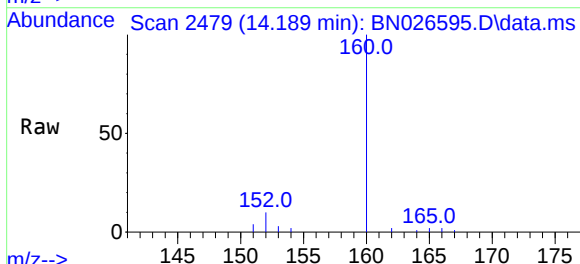
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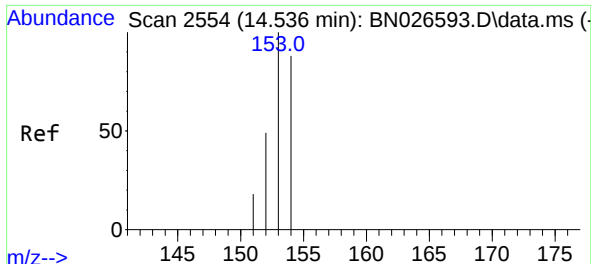
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. -0.009 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

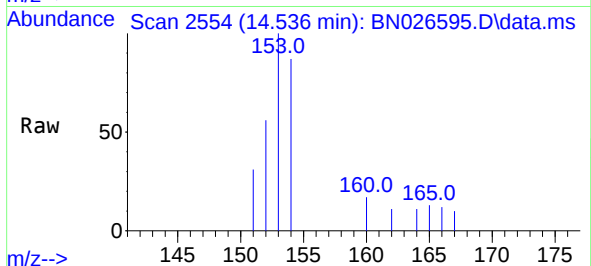
Tgt Ion:152 Resp: 897
Ion Ratio Lower Upper
152 100
151 34.6 17.0 25.6#
153 25.7 11.4 17.2#





#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.536 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

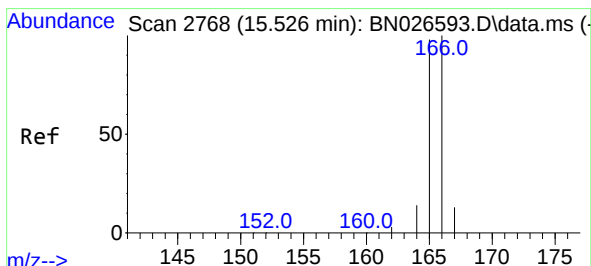
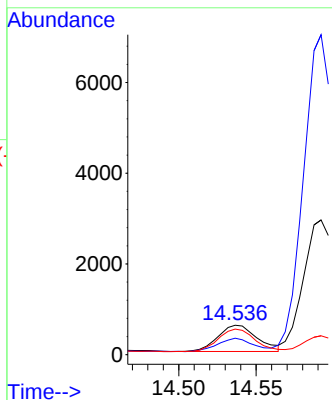
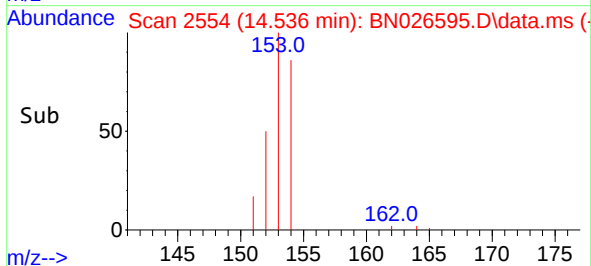
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 1018
Ion Ratio Lower Upper
153 100
152 55.8 40.2 60.4
154 87.1 69.3 103.9

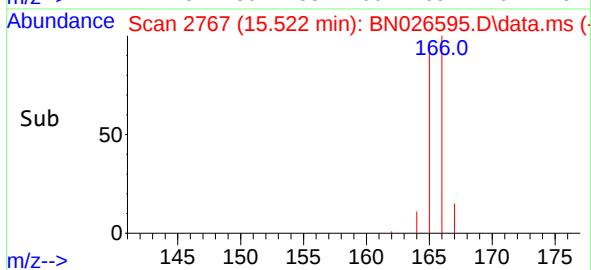
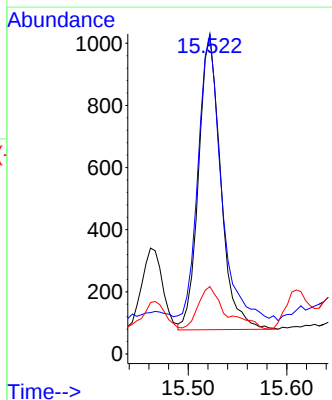
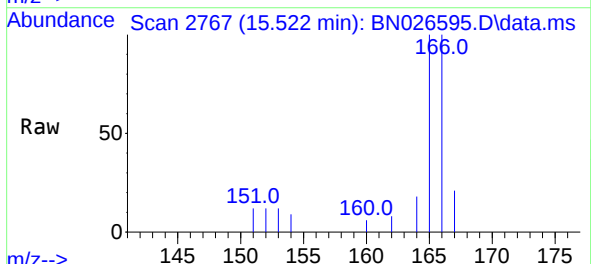
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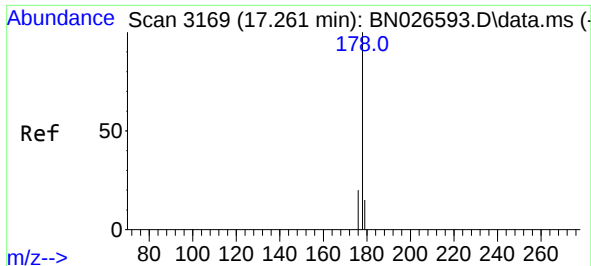
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#12
Fluorene
Concen: 0.136 ng/ul
RT: 15.522 min Scan# 2767
Delta R.T. -0.004 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

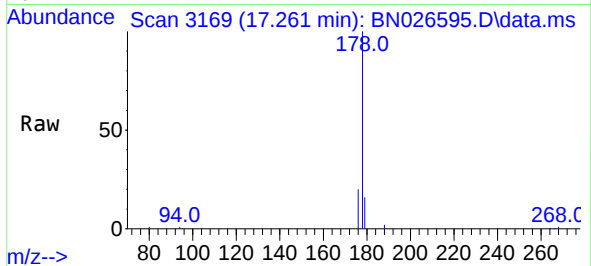
Tgt Ion:166 Resp: 1480
Ion Ratio Lower Upper
166 100
165 100.5 80.6 120.8
167 21.2 12.0 18.0#





#15
Phenanthrene
Concen: 0.686 ng/u1
RT: 17.261 min Scan# 3169
Delta R.T. 0.000 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

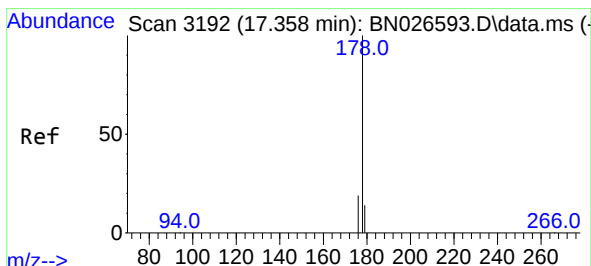
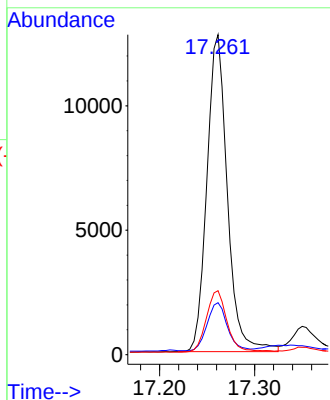
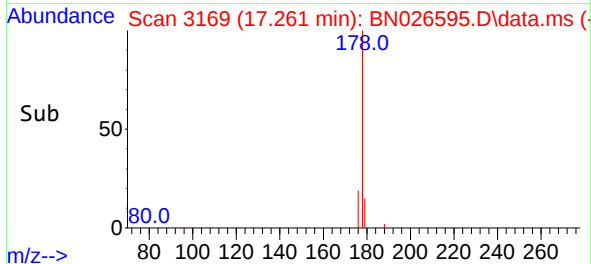
Instrument :
BNA_N
ClientSampleId :
A46P8



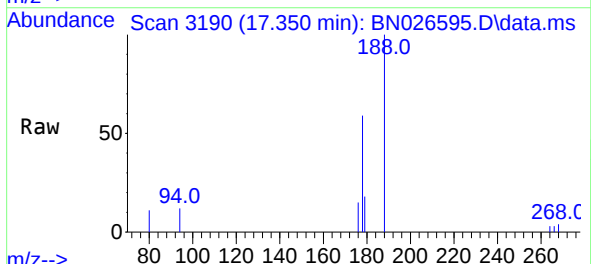
Tgt Ion:178 Resp: 19134
Ion Ratio Lower Upper
178 100
179 16.2 13.7 20.5
176 20.0 16.5 24.7

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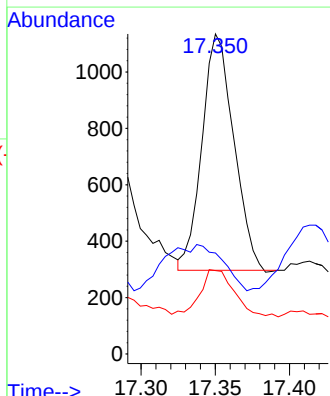
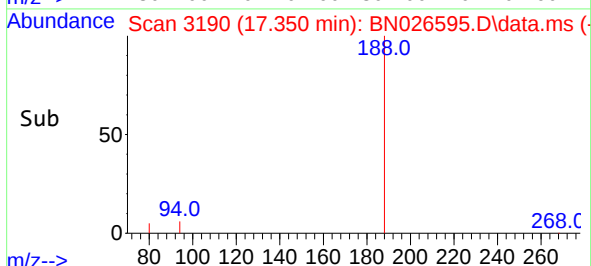
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

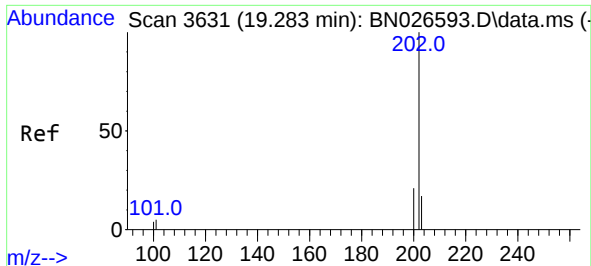


#16
Anthracene
Concen: 0.051 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.008 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04



Tgt Ion:178 Resp: 1246
Ion Ratio Lower Upper
178 100
179 31.5 14.8 22.2#
176 26.1 16.6 25.0#





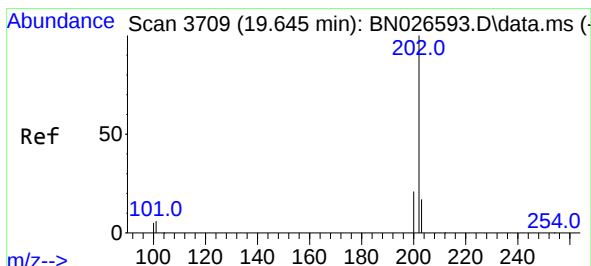
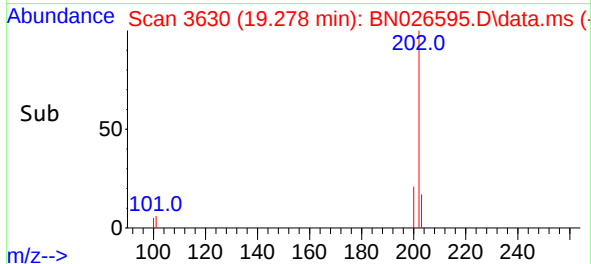
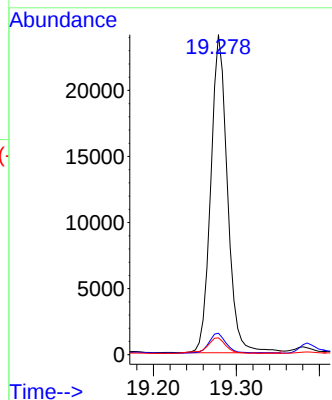
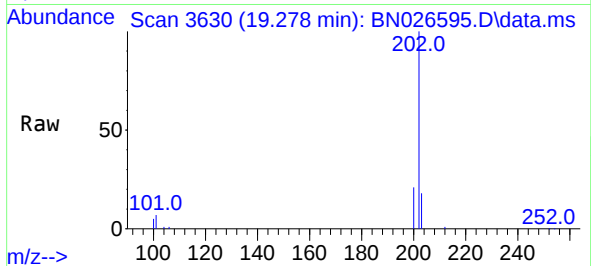
#19
Fluoranthene
Concen: 0.905 ng/u1
RT: 19.278 min Scan# 3630
Delta R.T. -0.005 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 33650
Ion Ratio Lower Upper
202 100
101 6.7 7.0 10.4
100 5.3 6.0 9.0

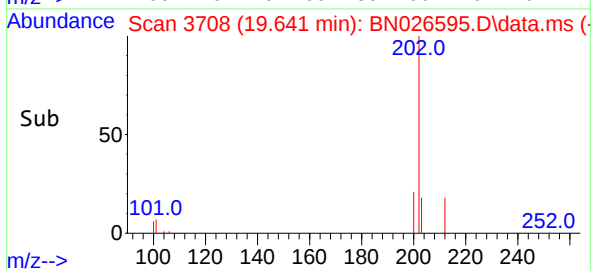
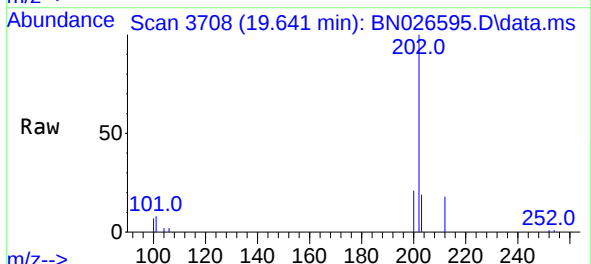
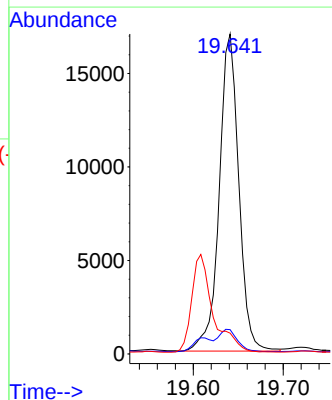
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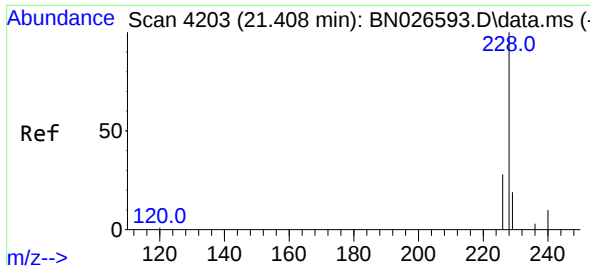
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#20
Pyrene
Concen: 0.633 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

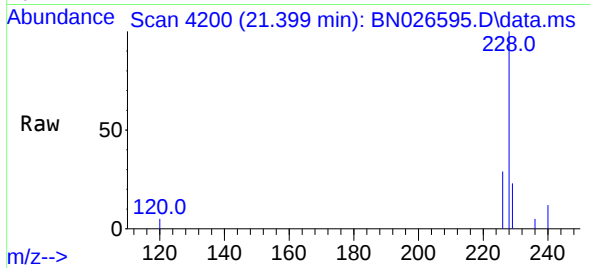
Tgt Ion:202 Resp: 25572
Ion Ratio Lower Upper
202 100
101 7.6 8.0 12.0
100 6.5 6.2 9.2





#21
Benzo(a)anthracene
Concen: 0.460 ng/u1
RT: 21.399 min Scan# 4218
Delta R.T. -0.009 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

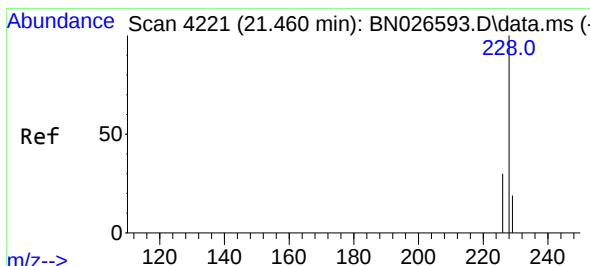
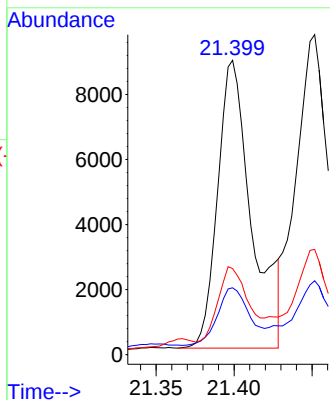
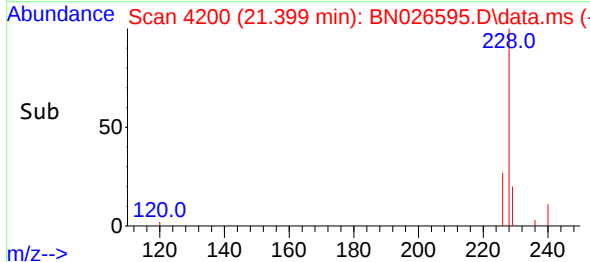
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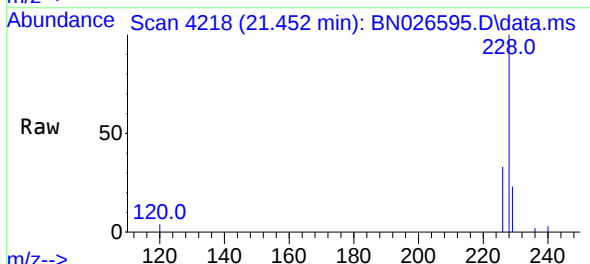
Tgt Ion:228 Resp: 13425
Ion Ratio Lower Upper
228 100
229 22.7 16.7 25.1
226 29.2 23.5 35.3

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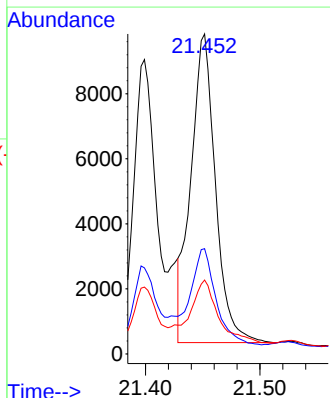
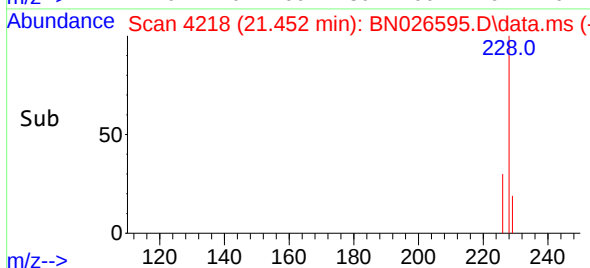
Reviewed By :Yogesh Patel 07/20/2023
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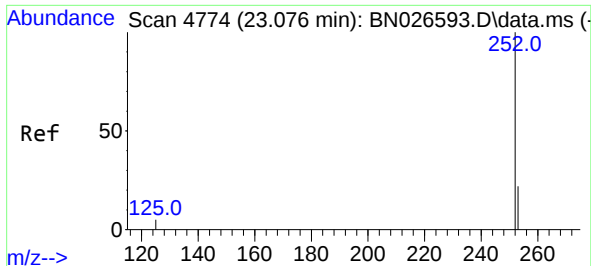


#22
Chrysene
Concen: 0.427 ng/u1
RT: 21.452 min Scan# 4218
Delta R.T. -0.009 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04



Tgt Ion:228 Resp: 14179
Ion Ratio Lower Upper
228 100
226 32.9 25.2 37.8
229 23.1 16.4 24.6





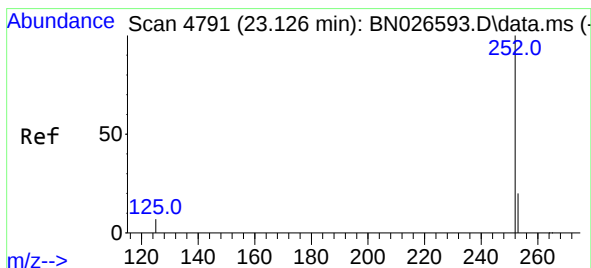
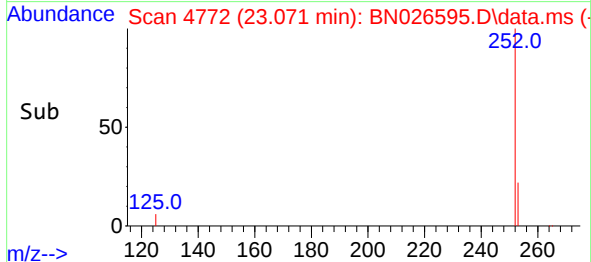
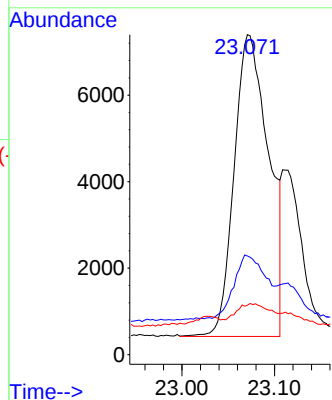
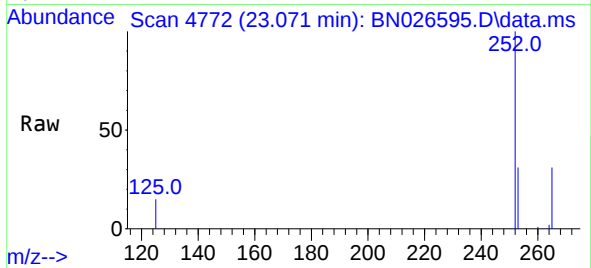
#24
Benzo(b)fluoranthene
Concen: 0.646 ng/ul m
RT: 23.071 min Scan# 4772
Delta R.T. -0.006 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

Instrument :
BNA_N
ClientSampleId :
A46P8

Tgt Ion:252 Resp: 1806
Ion Ratio Lower Upper
252 100
253 30.9 0.0 68.6
125 15.5 0.0 34.0

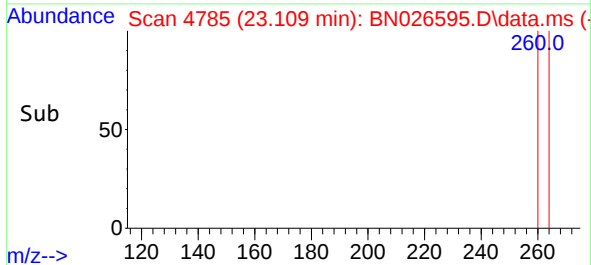
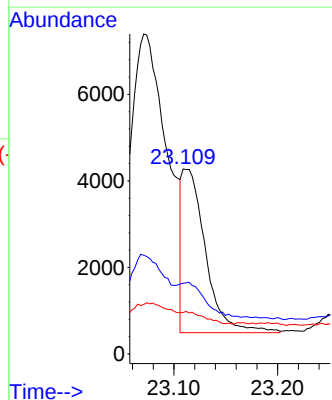
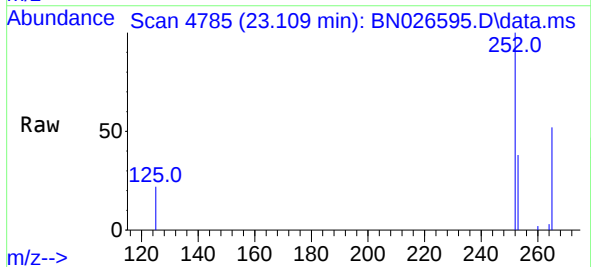
Manual Integrations
APPROVED

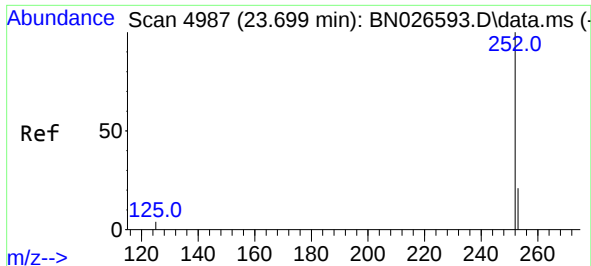
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.202 ng/ul m
RT: 23.109 min Scan# 4785
Delta R.T. -0.017 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

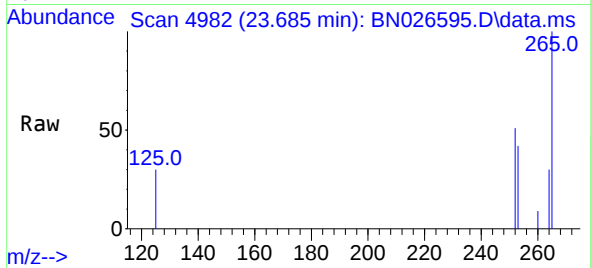
Tgt Ion:252 Resp: 5913
Ion Ratio Lower Upper
252 100
253 38.2 27.2 40.8
125 22.4 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.064 ng/ul
RT: 23.685 min Scan# 4987
Delta R.T. -0.014 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04

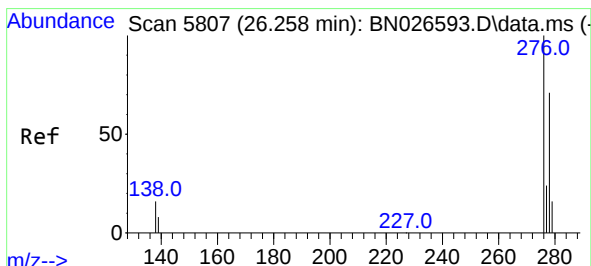
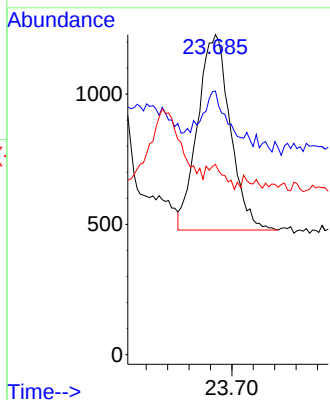
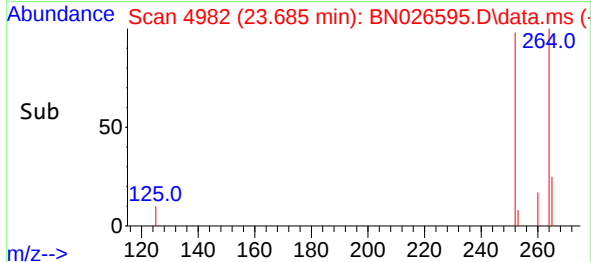
Instrument :
BNA_N
ClientSampleId :
A46P8



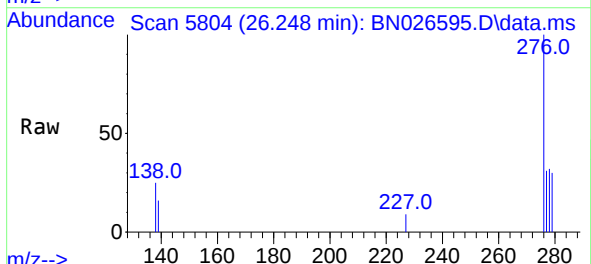
Tgt Ion:252 Resp: 1580
Ion Ratio Lower Upper
252 100
253 82.4 32.6 49.0#
125 59.4 19.3 28.9#

Manual Integrations
APPROVED

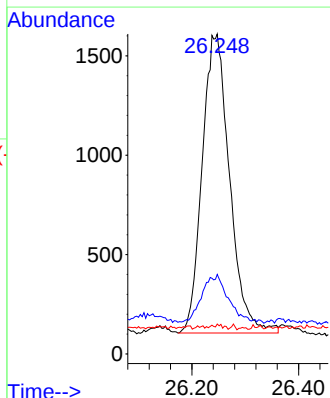
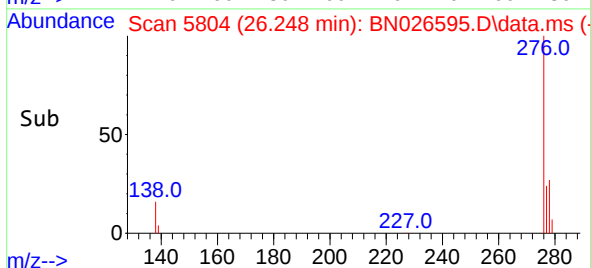
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

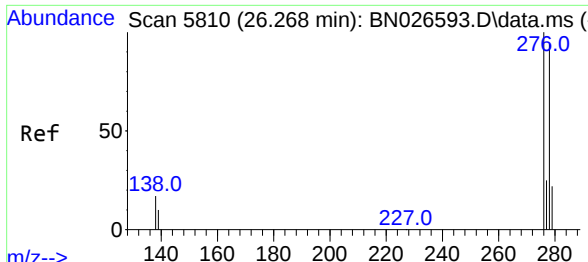


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.164 ng/ul
RT: 26.248 min Scan# 5804
Delta R.T. -0.010 min
Lab File: BN026595.D
Acq: 20 Jul 2023 17:04



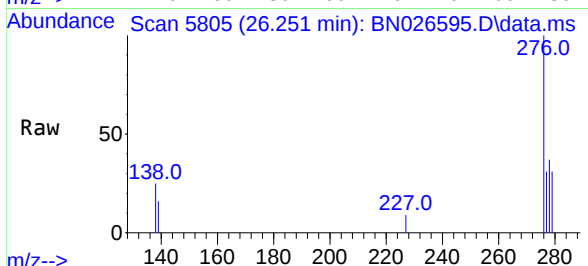
Tgt Ion:276 Resp: 5359
Ion Ratio Lower Upper
276 100
138 16.0 22.2 33.4#
227 0.4 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.071 ng/ul
 RT: 26.251 min Scan# 5805
 Delta R.T. -0.017 min
 Lab File: BN026595.D
 Acq: 20 Jul 2023 17:04

Instrument :
 BNA_N
 ClientSampleId :
 A46P8



Tgt Ion:278 Resp: 1784
 Ion Ratio Lower Upper
 278 100
 139 43.5 18.9 28.3
 279 84.4 31.3 46.9

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

