

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026598.D
 Acq On : 20 Jul 2023 18:56
 Operator : MA/JU
 Sample : 03452-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46P4

Manual Integrations
 APPROVED

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

Quant Time: Jul 20 21:49:05 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	1403	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.630	136	4492	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.472	164	3199	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	10608	0.400	ng/ul	0.00
17) Chrysene-d12	21.408	240	10479	0.400	ng/ul	-0.02
23) Perylene-d12	23.781	264	10497	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	3758	2.034	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	1869	0.306	ng/ul	0.00
18) Fluoranthene-d10	19.246	212	7780	0.214	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.680	128	12156	0.986	ng/ul	98
7) 2-Methylnaphthalene	12.302	142	2801	0.400	ng/ul	99
8) 1-Methylnaphthalene	12.517	142	1810	0.241	ng/ul	100
10) Acenaphthylene	14.189	152	3489	0.223	ng/ul#	91
11) Acenaphthene	14.536	153	8841	0.741	ng/ul	98
12) Fluorene	15.522	166	11501	0.919	ng/ul	99
15) Phenanthrene	17.257	178	184034	5.447	ng/ul	97
16) Anthracene	17.350	178	21764	0.742	ng/ul	98
19) Fluoranthene	19.278	202	326349	6.644	ng/ul#	92
20) Pyrene	19.641	202	204618	3.836	ng/ul#	93
21) Benzo(a)anthracene	21.393	228	141024	3.662	ng/ul	98
22) Chrysene	21.446	228	146015	3.331	ng/ul	98
24) Benzo(b)fluoranthene	23.059	252	169804m	4.152	ng/ul	
25) Benzo(k)fluoranthene	23.100	252	66754m	1.557	ng/ul	
26) Benzo(a)pyrene	23.673	252	46332	1.273	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.227	276	46948	0.984	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.234	278	17092	0.467	ng/ul	94
29) Benzo(g,h,i)perylene	26.995	276	2938	0.070	ng/ul#	69

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

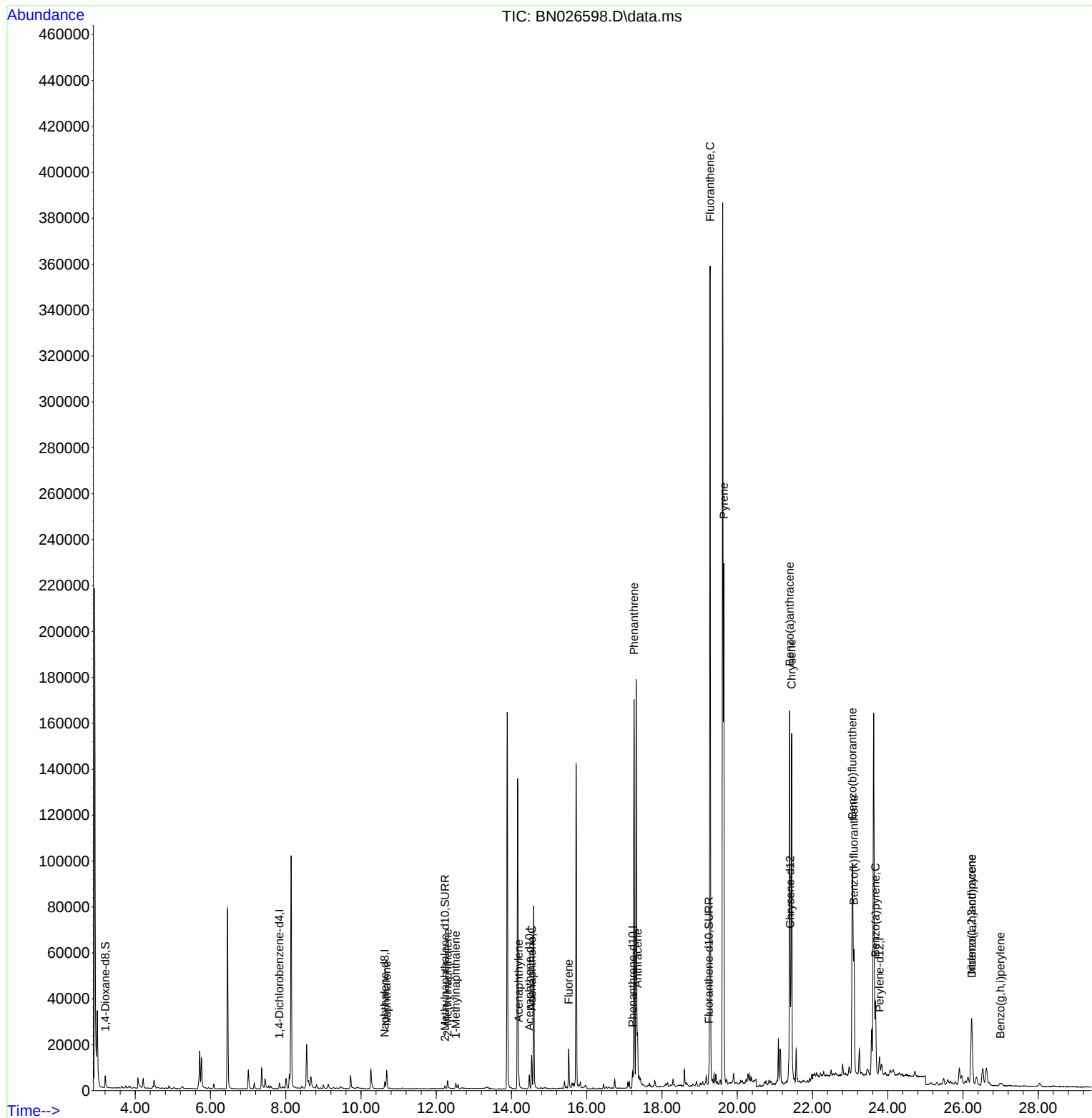
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026598.D
Acq On : 20 Jul 2023 18:56
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Sample : 03452-14
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ALS Vial : 7 Sample Multiplier: 1

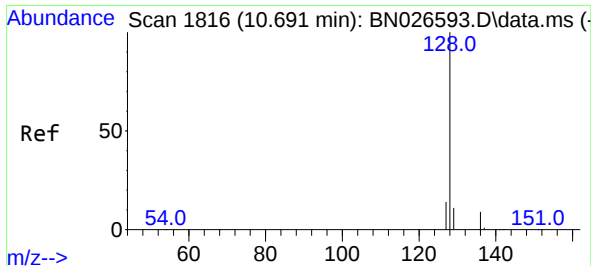
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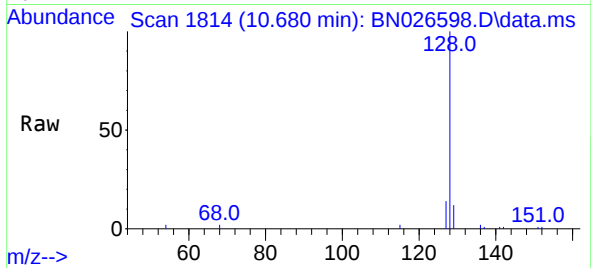
Quant Time: Jul 20 21:49:05 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 16:21:17 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.986 ng/ul
RT: 10.680 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN026598.D
Acq: 20 Jul 2023 18:56

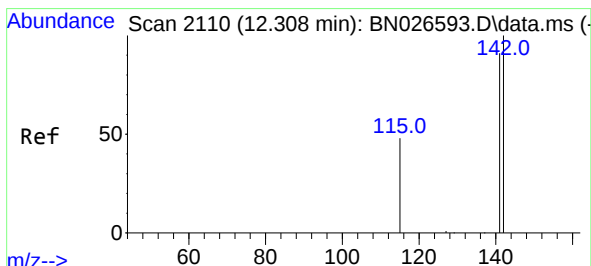
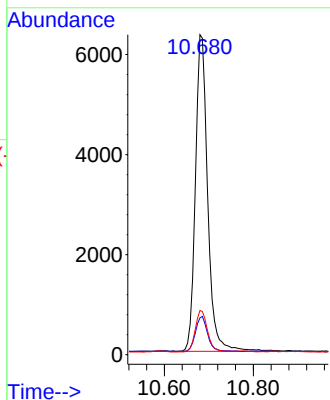
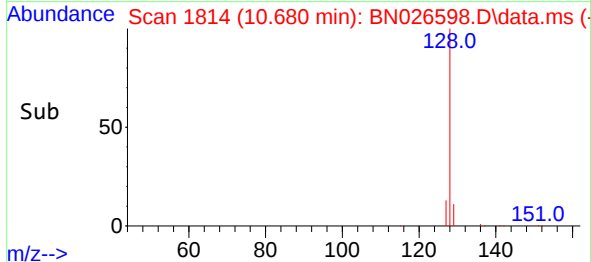
Instrument :
BNA_N
ClientSampleId :
A46P4



Tgt Ion:128 Resp: 12150
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.8 11.4 17.0

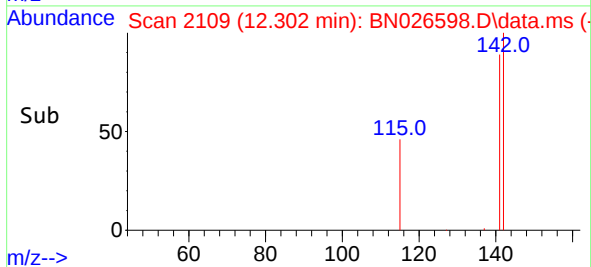
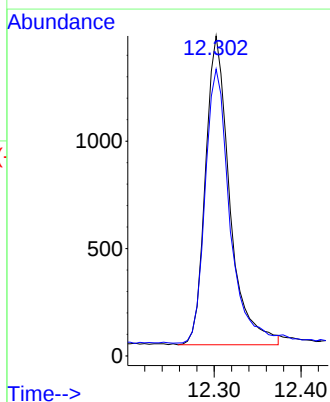
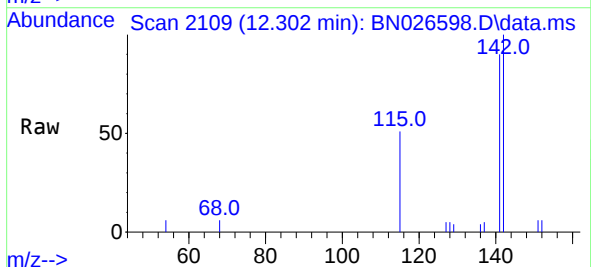
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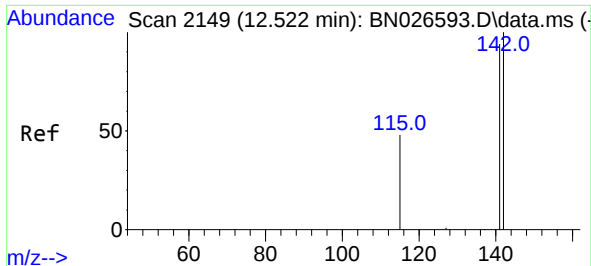
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.302 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BN026598.D
Acq: 20 Jul 2023 18:56

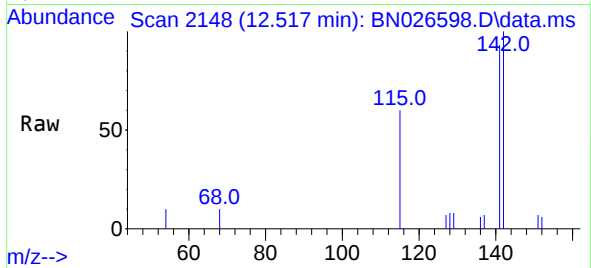
Tgt Ion:142 Resp: 2801
Ion Ratio Lower Upper
142 100
141 89.3 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.241 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. -0.005 min
Lab File: BN026598.D
Acq: 20 Jul 2023 18:56

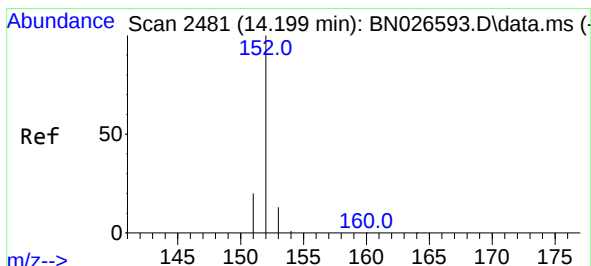
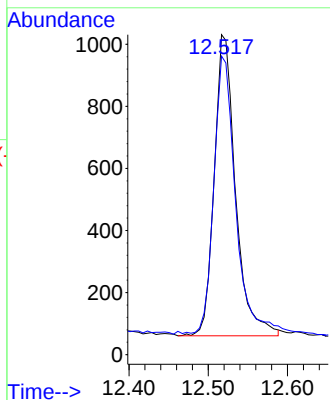
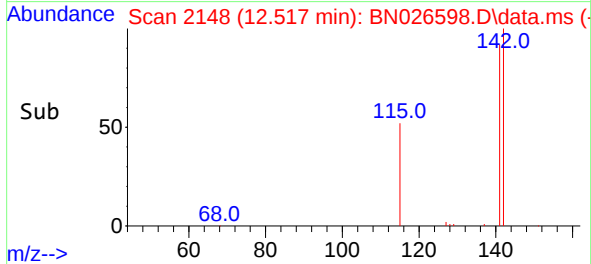
Instrument :
BNA_N
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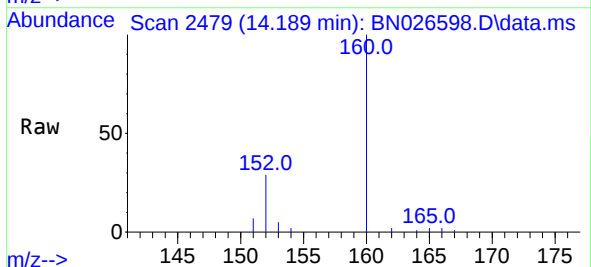
Tgt Ion:142 Resp: 1810
Ion Ratio Lower Upper
142 100
141 92.9 74.5 111.7

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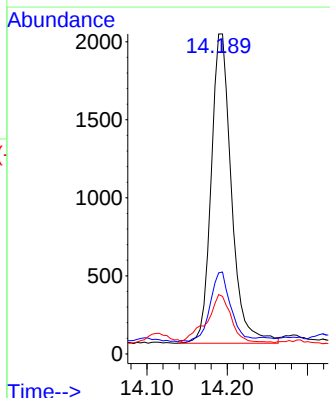
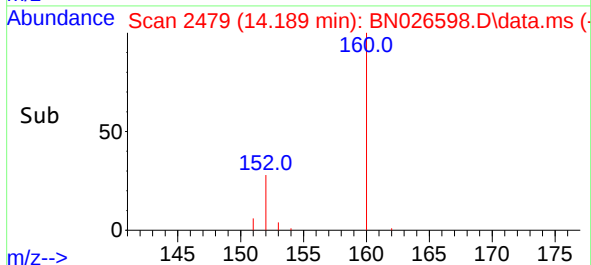
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

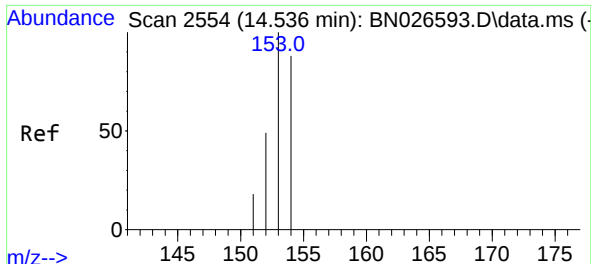


#10
Acenaphthylene
Concen: 0.223 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. -0.009 min
Lab File: BN026598.D
Acq: 20 Jul 2023 18:56



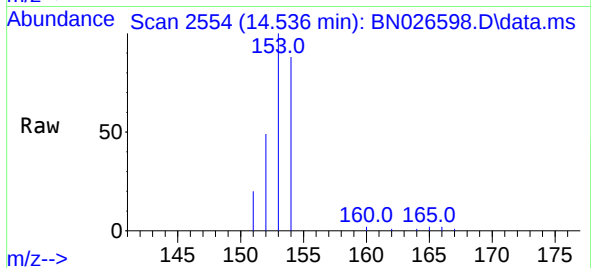
Tgt Ion:152 Resp: 3489
Ion Ratio Lower Upper
152 100
151 25.3 17.0 25.6
153 18.5 11.4 17.2#





#11
Acenaphthene
Concen: 0.741 ng/ul
RT: 14.536 min Scan# 2554
Delta R.T. 0.000 min
Lab File: BN026598.D
Acq: 20 Jul 2023 18:56

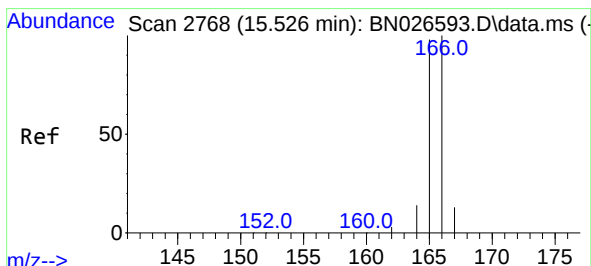
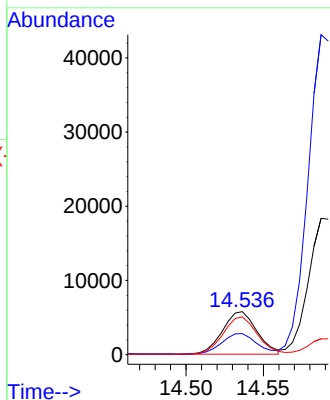
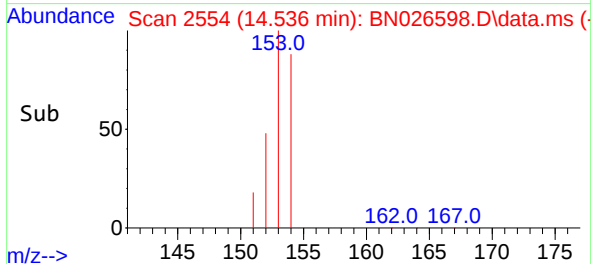
Instrument :
BNA_N
ClientSampleId :
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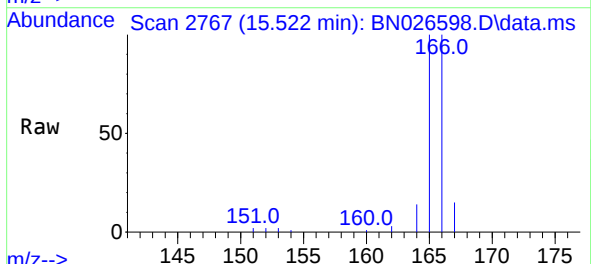
Tgt Ion:153 Resp: 884
Ion Ratio Lower Upper
153 100
152 48.7 40.2 60.4
154 87.8 69.3 103.9

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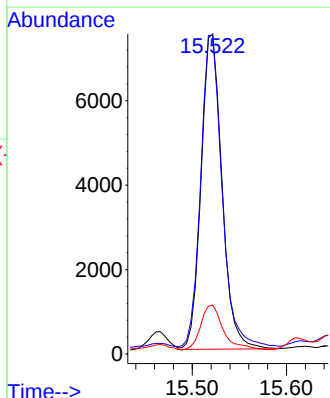
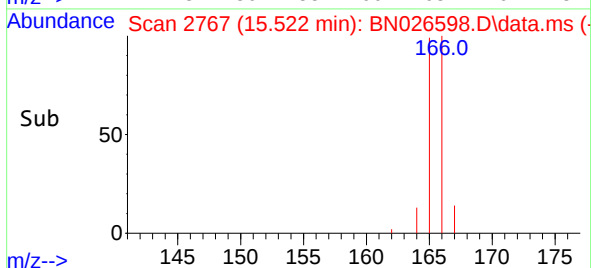
Reviewed By :Yogesh Patel 07/20/2023
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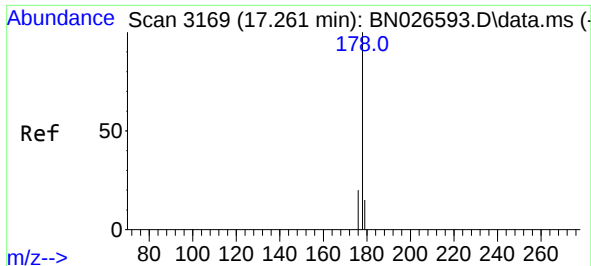


#12
Fluorene
Concen: 0.919 ng/ul
RT: 15.522 min Scan# 2767
Delta R.T. -0.005 min
Lab File: BN026598.D
Acq: 20 Jul 2023 18:56



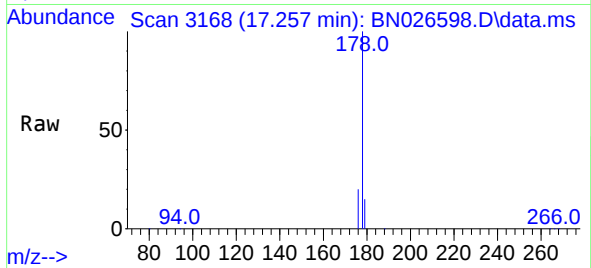
Tgt Ion:166 Resp: 11501
Ion Ratio Lower Upper
166 100
165 99.6 80.6 120.8
167 15.2 12.0 18.0





#15
Phenanthrene
Concen: 5.447 ng/ul
RT: 17.257 min Scan# 3168
Delta R.T. -0.004 min
Lab File: BN026598.D
Acq: 20 Jul 2023 18:56

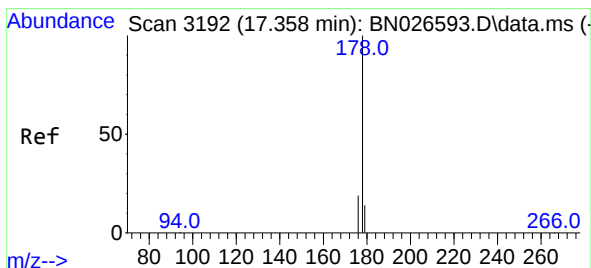
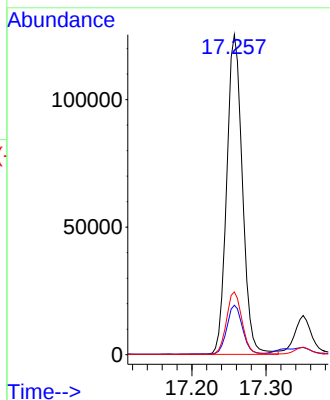
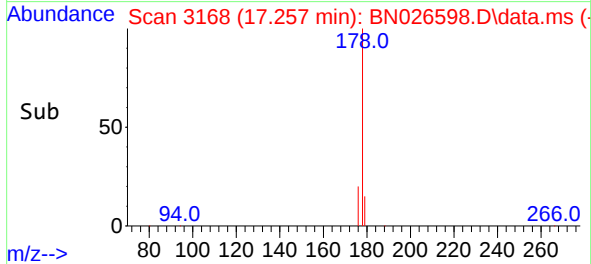
Instrument :
BNA_N
ClientSampleId :
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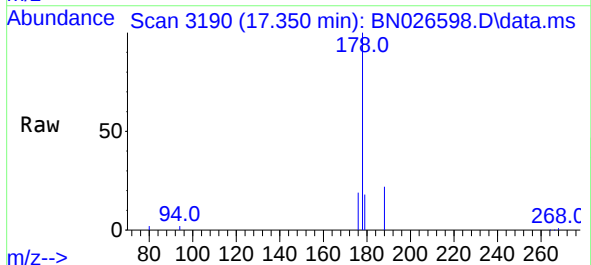
Tgt Ion:178 Resp: 184034
Ion Ratio Lower Upper
178 100
179 15.5 13.7 20.5
176 19.6 16.5 24.7

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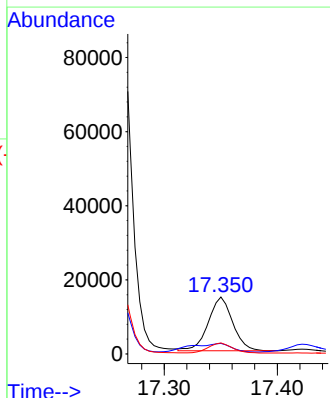
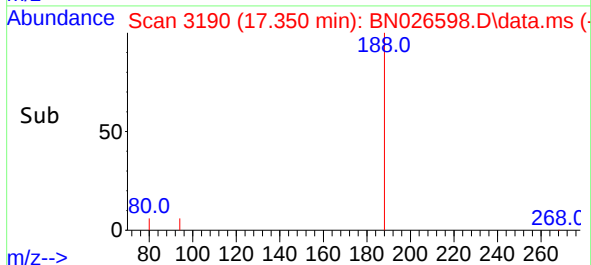
Reviewed By :Yogesh Patel 07/20/2023
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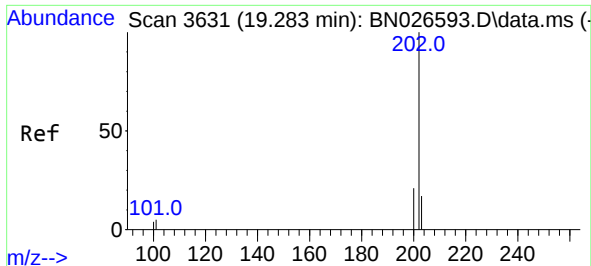


#16
Anthracene
Concen: 0.742 ng/ul
RT: 17.350 min Scan# 3190
Delta R.T. -0.008 min
Lab File: BN026598.D
Acq: 20 Jul 2023 18:56



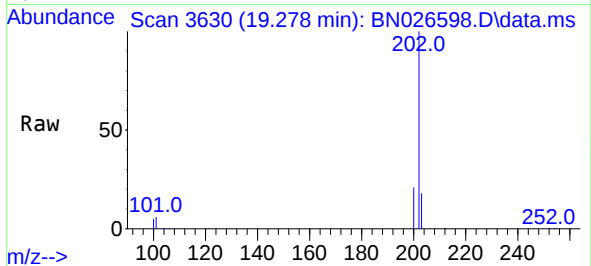
Tgt Ion:178 Resp: 21764
Ion Ratio Lower Upper
178 100
179 18.5 14.8 22.2
176 19.3 16.6 25.0





#19
Fluoranthene
Concen: 6.644 ng/u1
RT: 19.278 min Scan# 3630
Delta R.T. -0.005 min
Lab File: BN026598.D
Acq: 20 Jul 2023 18:56

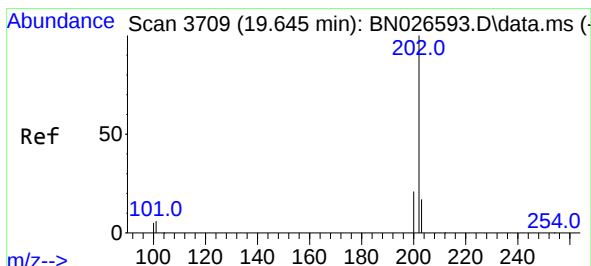
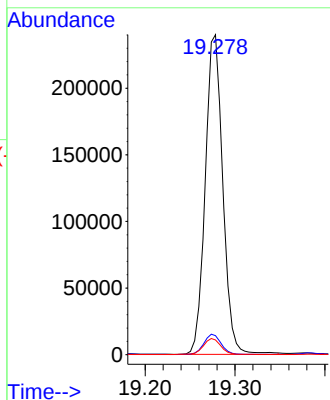
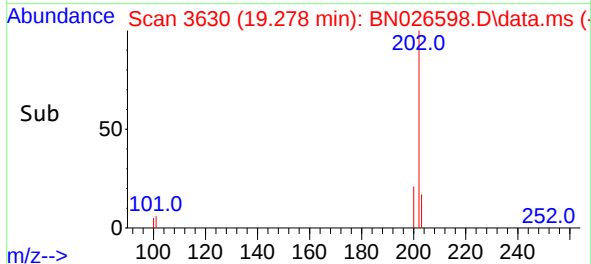
Instrument :
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Tgt Ion:202 Resp: 326349
Ion Ratio Lower Upper
202 100
101 5.9 7.0 10.4#
100 4.6 6.0 9.0#

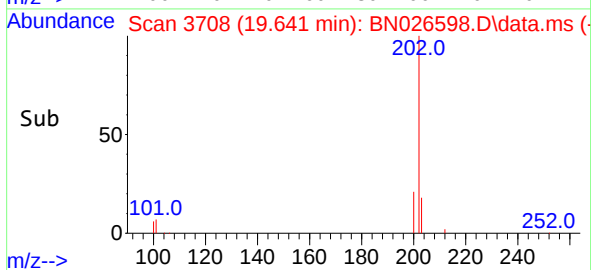
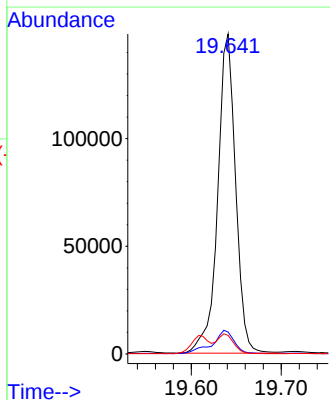
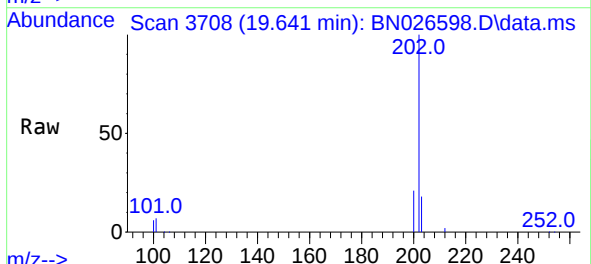
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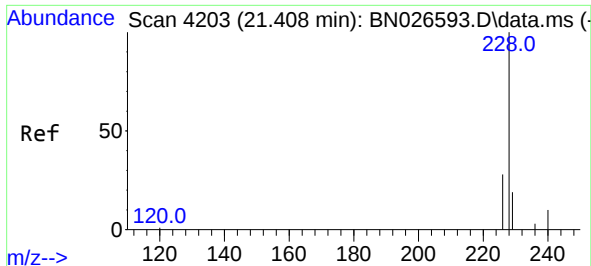
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#20
Pyrene
Concen: 3.836 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026598.D
Acq: 20 Jul 2023 18:56

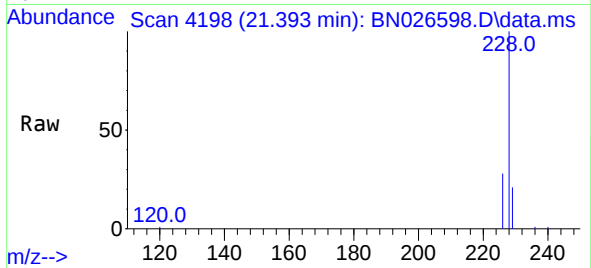
Tgt Ion:202 Resp: 204618
Ion Ratio Lower Upper
202 100
101 6.8 8.0 12.0#
100 5.8 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 3.662 ng/u1
RT: 21.393 min Scan# 4119
Delta R.T. -0.015 min
Lab File: BN026598.D
Acq: 20 Jul 2023 18:56

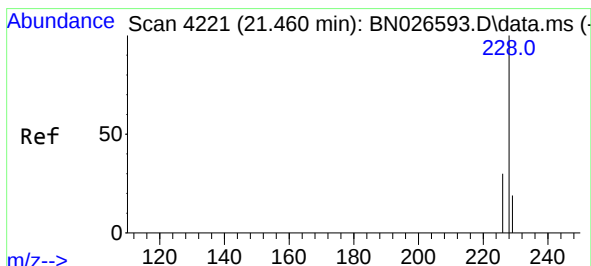
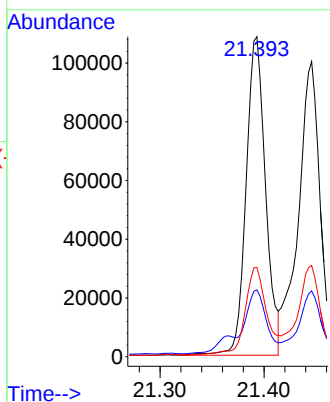
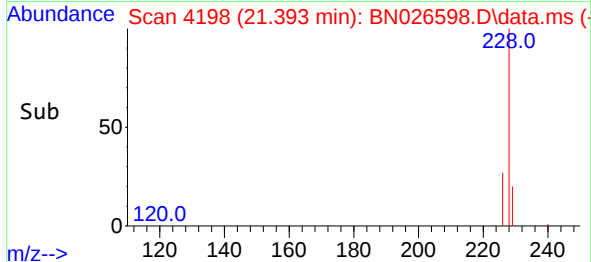
Instrument :
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Tgt Ion:228 Resp: 141024
Ion Ratio Lower Upper
228 100
229 20.9 16.7 25.1
226 27.9 23.5 35.3

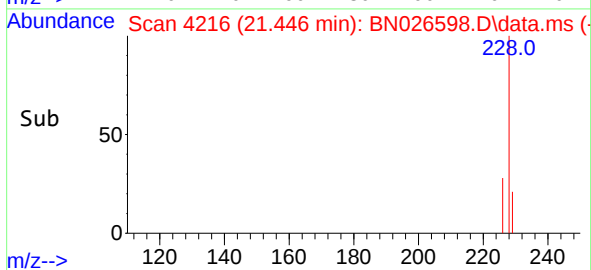
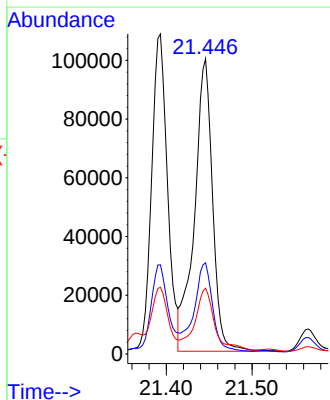
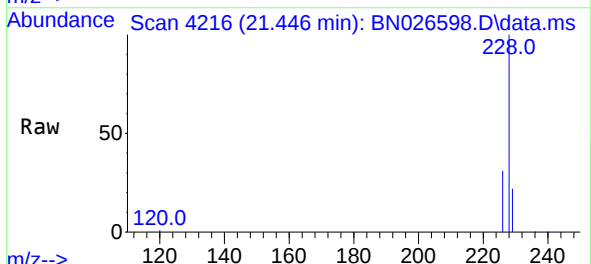
Manual Integrations
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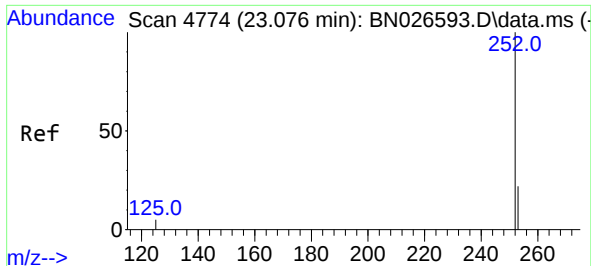
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#22
Chrysene
Concen: 3.331 ng/u1
RT: 21.446 min Scan# 4216
Delta R.T. -0.015 min
Lab File: BN026598.D
Acq: 20 Jul 2023 18:56

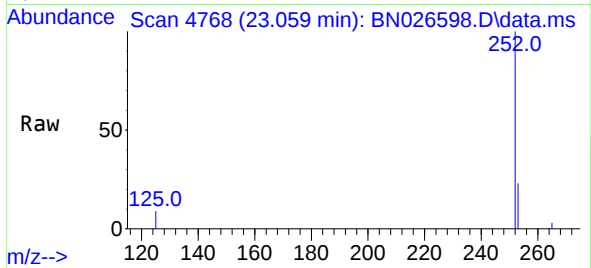
Tgt Ion:228 Resp: 146015
Ion Ratio Lower Upper
228 100
226 30.9 25.2 37.8
229 22.3 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 4.152 ng/ul m
RT: 23.059 min Scan# 4768
Delta R.T. -0.017 min
Lab File: BN026598.D
Acq: 20 Jul 2023 18:56

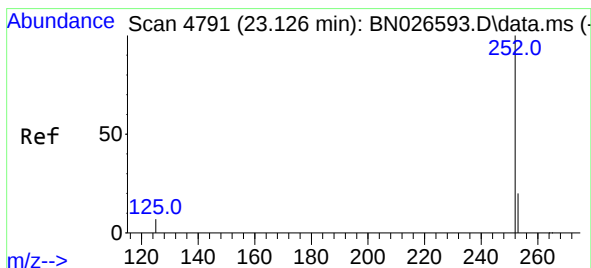
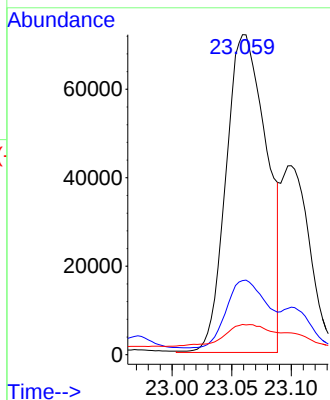
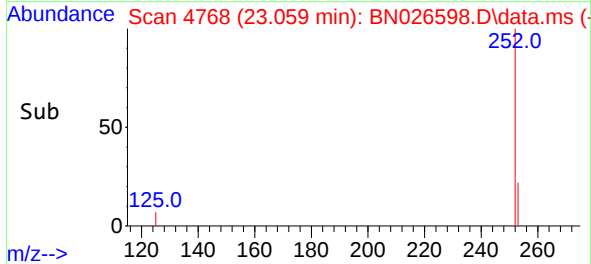
Instrument :
BNA_N
ClientSampleId :
A46P4



Tgt Ion:252 Resp: 169804
Ion Ratio Lower Upper
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253 23.1 0.0 68.6
125 9.5 0.0 34.0

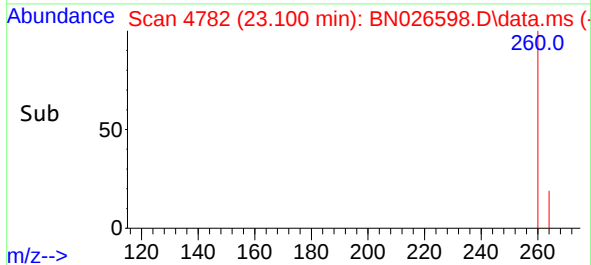
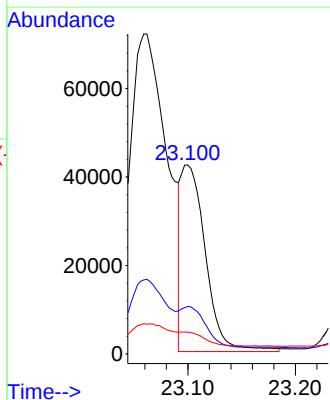
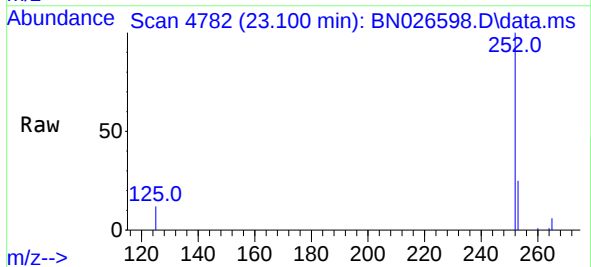
Manual Integrations
APPROVED

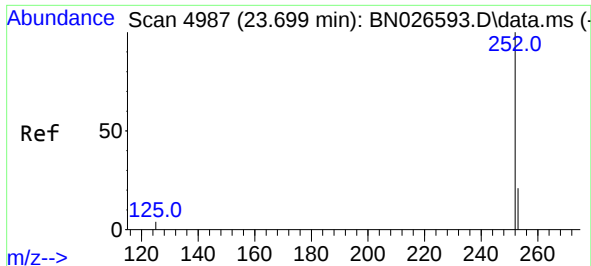
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#25
Benzo(k)fluoranthene
Concen: 1.557 ng/ul m
RT: 23.100 min Scan# 4782
Delta R.T. -0.026 min
Lab File: BN026598.D
Acq: 20 Jul 2023 18:56

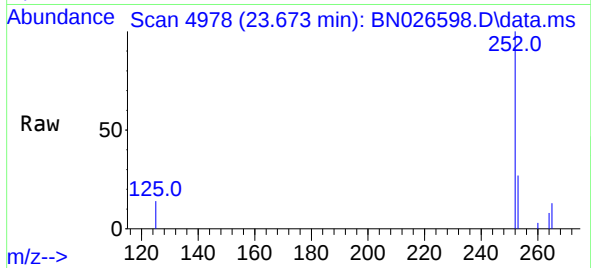
Tgt Ion:252 Resp: 66754
Ion Ratio Lower Upper
252 100
253 25.2 27.2 40.8#
125 11.6 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 1.273 ng/ul
RT: 23.673 min Scan# 4987
Delta R.T. -0.026 min
Lab File: BN026598.D
Acq: 20 Jul 2023 18:56

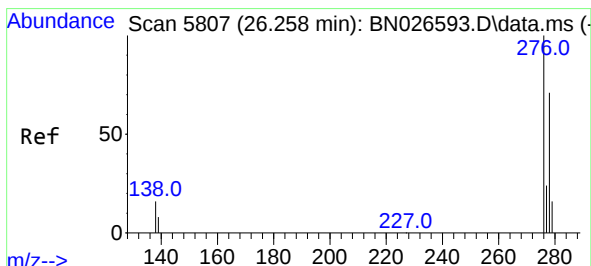
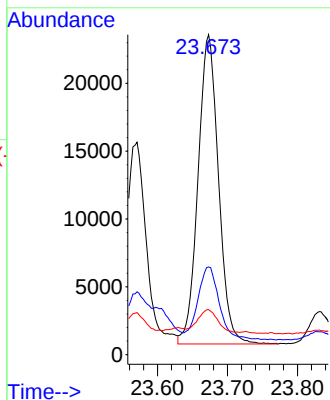
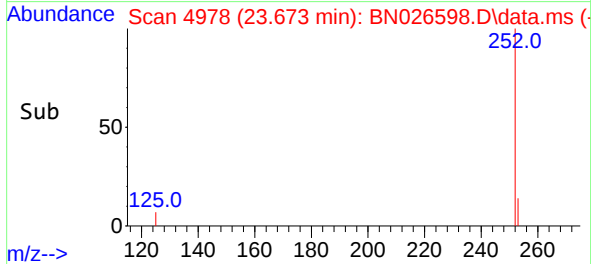
Instrument :
BNA_N
ClientSampleId :
A46P4



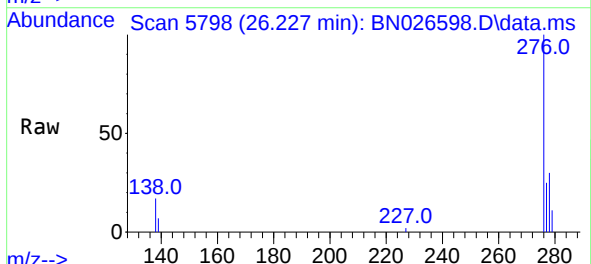
Tgt Ion:252 Resp: 46332
Ion Ratio Lower Upper
252 100
253 27.4 32.6 49.0#
125 14.1 19.3 28.9#

Manual Integrations
APPROVED

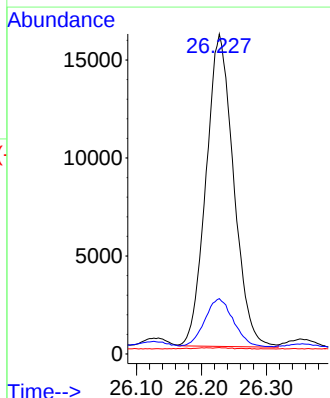
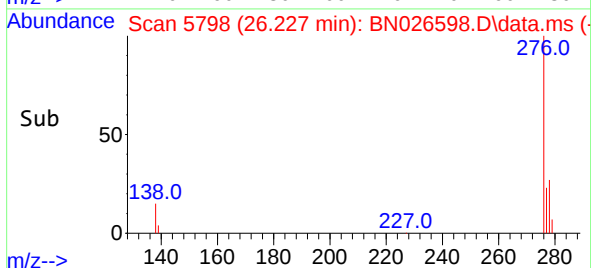
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

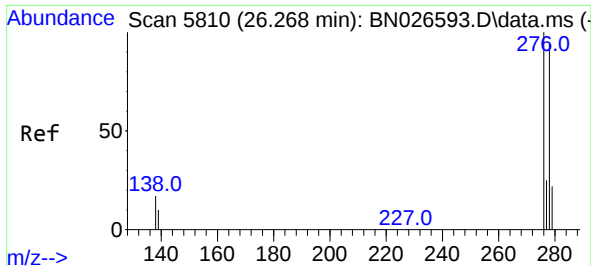


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.984 ng/ul
RT: 26.227 min Scan# 5798
Delta R.T. -0.030 min
Lab File: BN026598.D
Acq: 20 Jul 2023 18:56



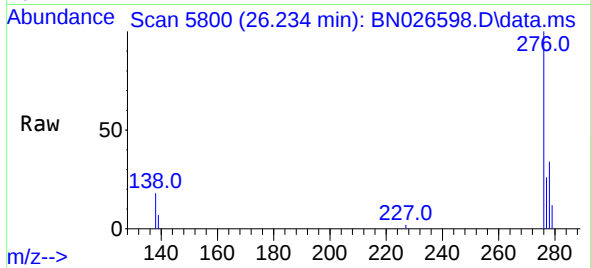
Tgt Ion:276 Resp: 46948
Ion Ratio Lower Upper
276 100
138 16.1 22.2 33.4#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.467 ng/ul
RT: 26.234 min Scan# 51
Delta R.T. -0.033 min
Lab File: BN026598.D
Acq: 20 Jul 2023 18:56

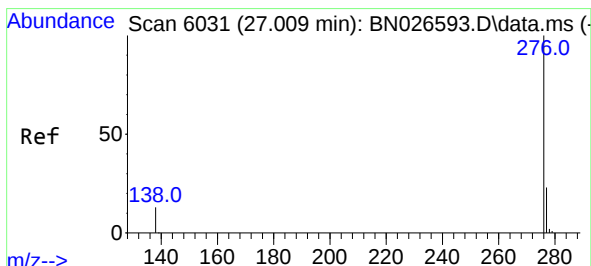
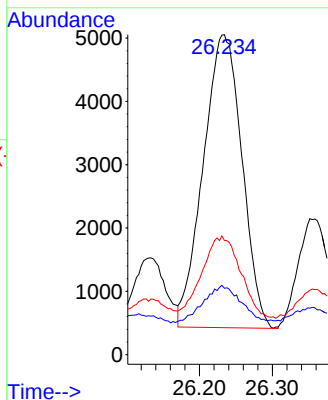
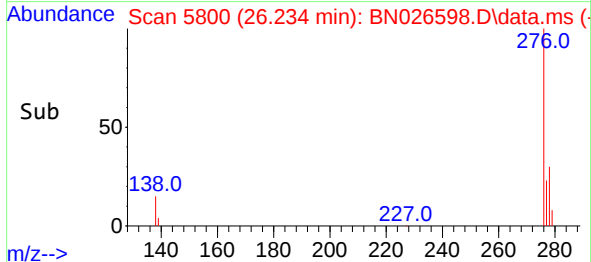
Instrument :
BNA_N
ClientSampleId :
A46P4



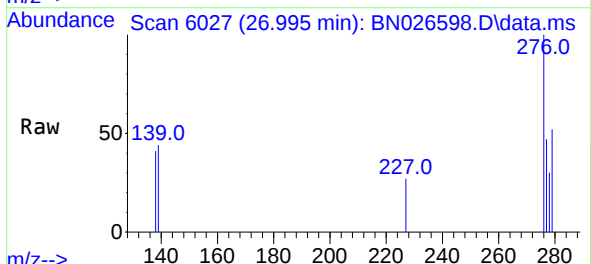
Tgt Ion:278 Resp: 17092
Ion Ratio Lower Upper
278 100
139 20.8 18.9 28.3
279 35.7 31.3 46.9

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



#29
Benzo(g,h,i)perylene
Concen: 0.070 ng/ul
RT: 26.995 min Scan# 6027
Delta R.T. -0.013 min
Lab File: BN026598.D
Acq: 20 Jul 2023 18:56



Tgt Ion:276 Resp: 2938
Ion Ratio Lower Upper
276 100
138 41.5 22.6 34.0#
277 47.1 21.8 32.8#

