

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025172.D
 Acq On : 27 Apr 2023 11:48
 Operator : CG/JU
 Sample : 02418-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW8Y9

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2023
 Supervised By : Jagrut Upadhyay 05/01/2023

Quant Time: Apr 28 01:20:03 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 15:27:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	6079	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	19942	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	12370	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.305	188	27956	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	23644	0.400	ng/ul	0.00
23) Perylene-d12	23.924	264	21897	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	17090	2.715	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	4684	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	11429	0.183	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	6992	0.137	ng/ul	97
7) 2-Methylnaphthalene	12.387	142	5113	0.163	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	3892	0.117	ng/ul	99
10) Acenaphthylene	14.280	152	2882	0.063	ng/ul#	88
11) Acenaphthene	14.622	153	1480	0.038	ng/ul	99
12) Fluorene	15.607	166	1786	0.041	ng/ul#	91
15) Phenanthrene	17.348	178	45738	0.580	ng/ul	100
16) Anthracene	17.441	178	8064	0.125	ng/ul	97
19) Fluoranthene	19.364	202	112160	1.312	ng/ul	98
20) Pyrene	19.727	202	87709	0.998	ng/ul	98
21) Benzo(a)anthracene	21.486	228	45271	0.635	ng/ul	98
22) Chrysene	21.538	228	59129	0.761	ng/ul	98
24) Benzo(b)fluoranthene	23.187	252	78978m	0.889	ng/ul	
25) Benzo(k)fluoranthene	23.234	252	25823m	0.302	ng/ul	
26) Benzo(a)pyrene	23.816	252	26267	0.357	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.441	276	22697	0.268	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.448	278	7229	0.109	ng/ul#	82

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

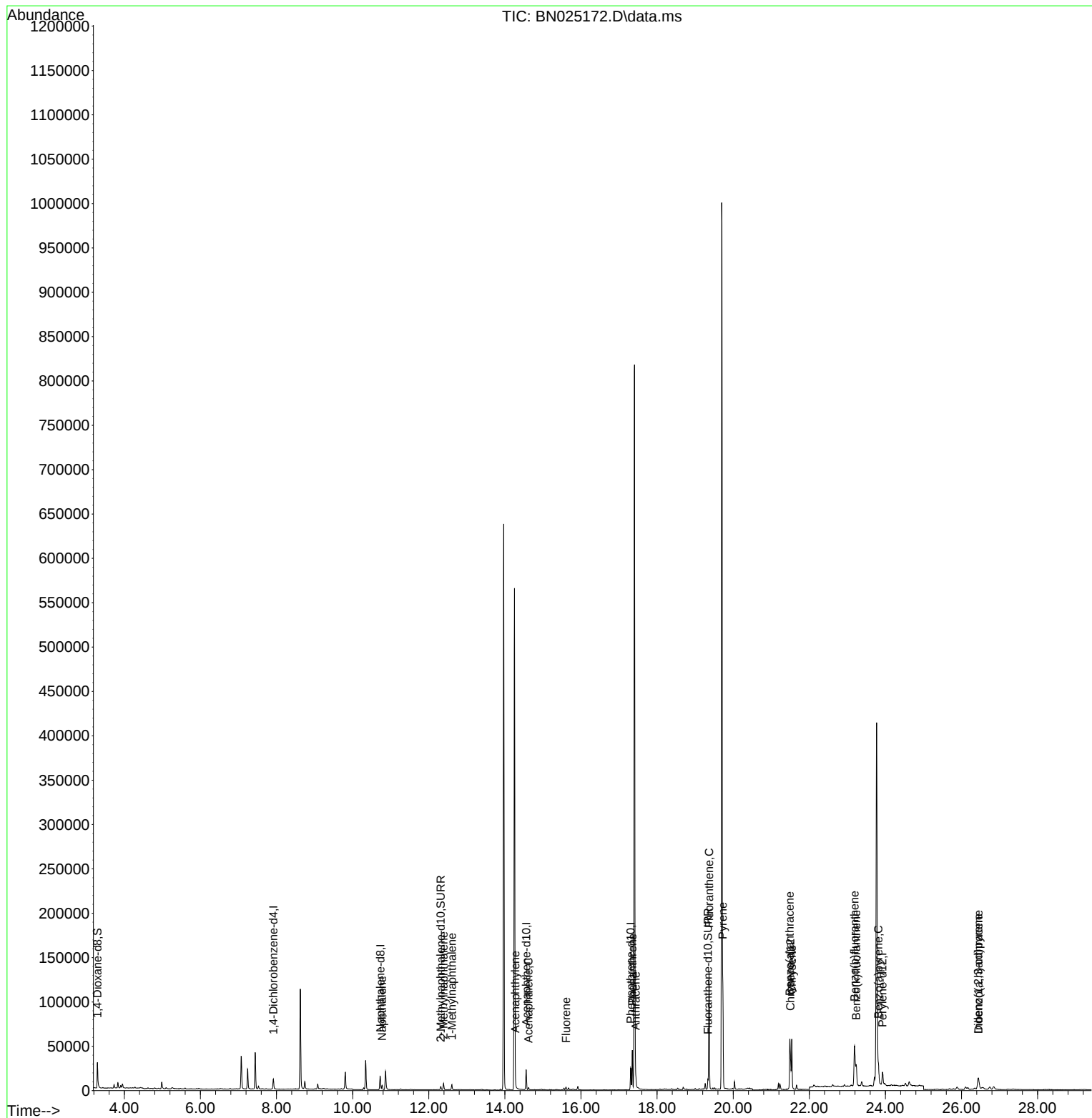
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
Data File : BN025172.D
Acq On : 27 Apr 2023 11:48
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Sample : 02418-03
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ALS Vial : 7 Sample Multiplier: 1

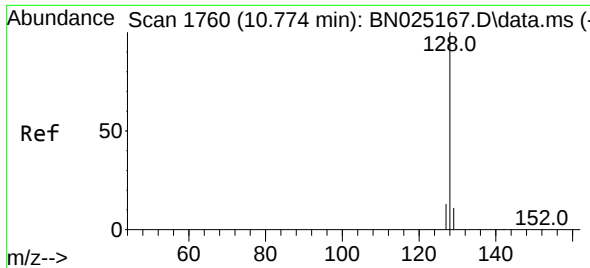
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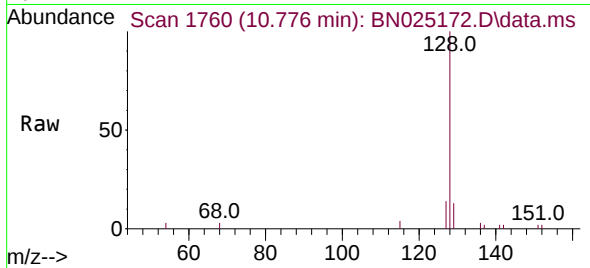
Quant Time: Apr 28 01:20:03 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 15:27:43 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.137 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.001 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

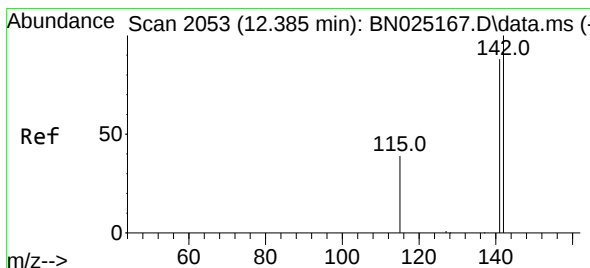
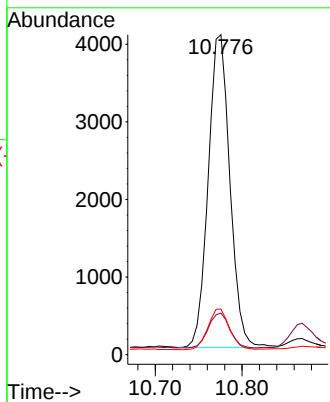
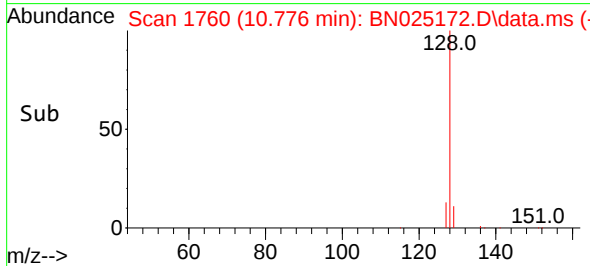
Instrument :
BNA_N
ClientSampleId :
EW8Y9



Tgt Ion:128 Resp: 6992
Ion Ratio Lower Upper
128 100
129 13.0 9.0 13.6
127 14.2 10.7 16.1

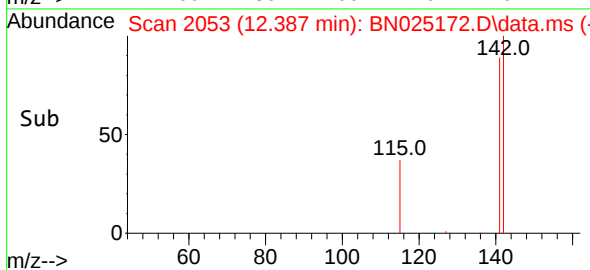
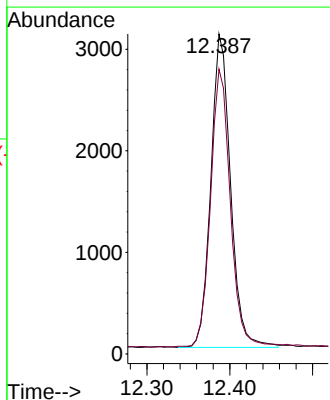
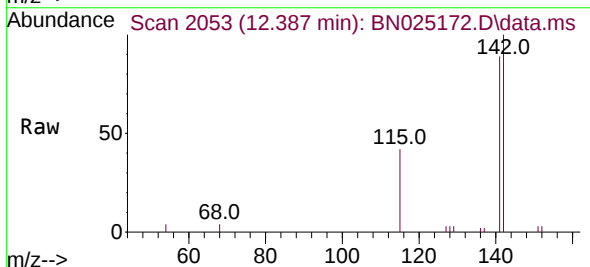
Manual Integrations
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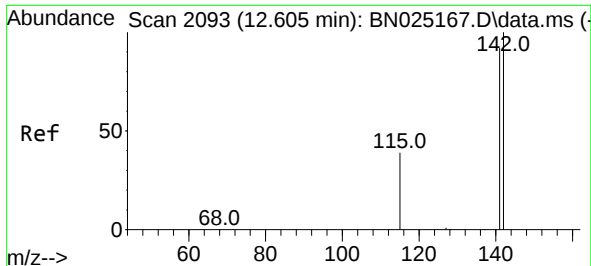
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#7
2-Methylnaphthalene
Concen: 0.163 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

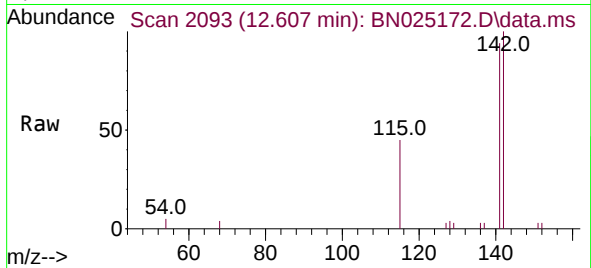
Tgt Ion:142 Resp: 5113
Ion Ratio Lower Upper
142 100
141 89.2 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.117 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

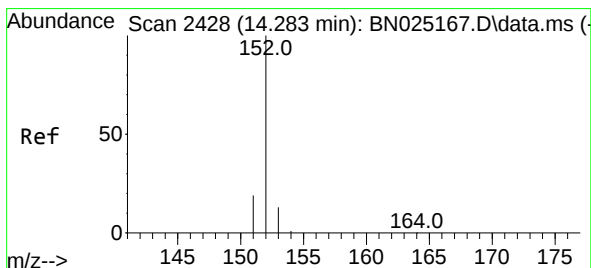
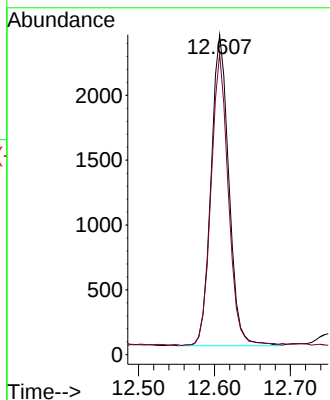
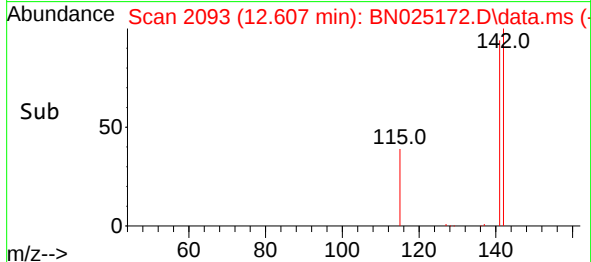
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 3892
Ion Ratio Lower Upper
142 100
141 91.2 73.8 110.6

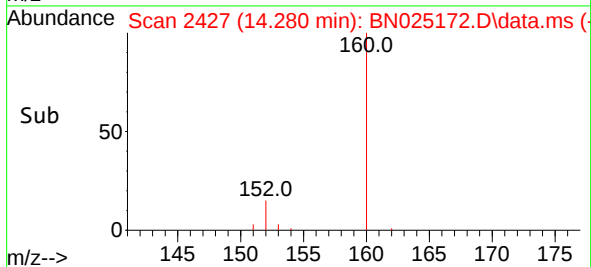
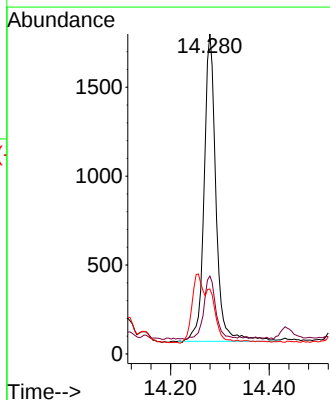
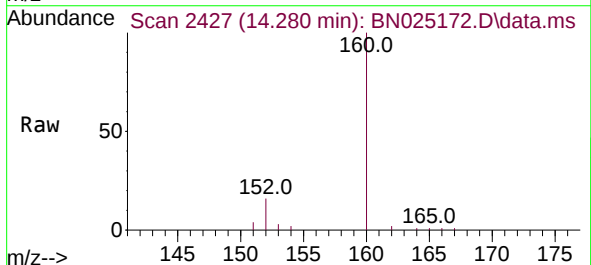
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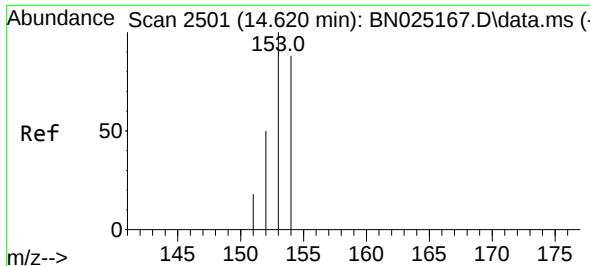
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Acenaphthylene
Concen: 0.063 ng/ul
RT: 14.280 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

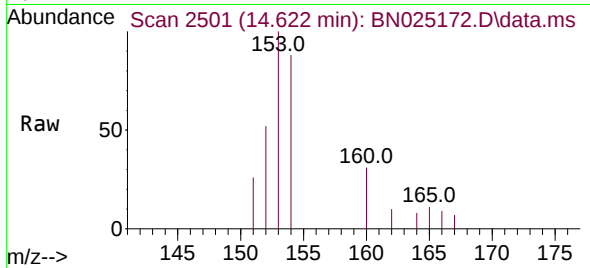
Tgt Ion:152 Resp: 2882
Ion Ratio Lower Upper
152 100
151 24.3 16.0 24.0#
153 20.3 10.8 16.2#





#11
Acenaphthene
Concen: 0.038 ng/ul
RT: 14.622 min Scan# 21
Delta R.T. 0.002 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

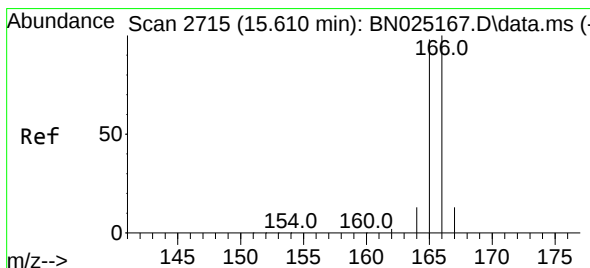
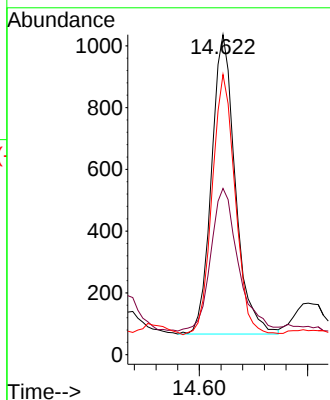
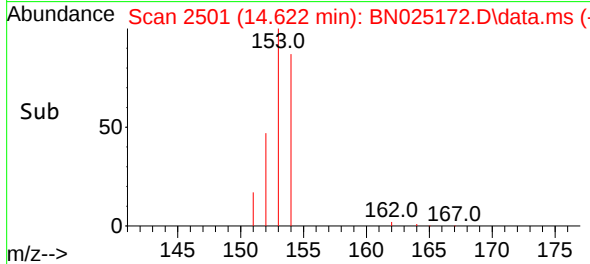
Instrument :
BNA_N
ClientSampleId :
EW8Y9



Tgt Ion:153 Resp: 1480
Ion Ratio Lower Upper
153 100
152 51.9 40.2 60.4
154 87.5 69.4 104.2

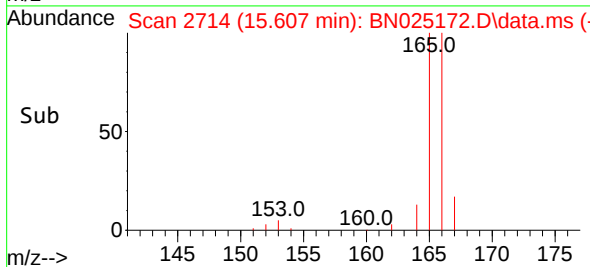
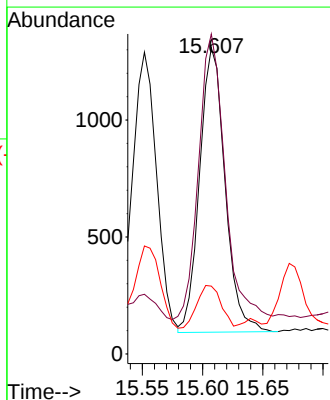
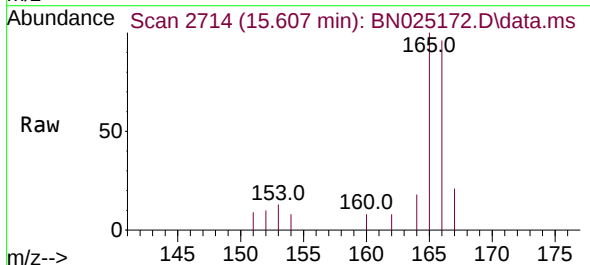
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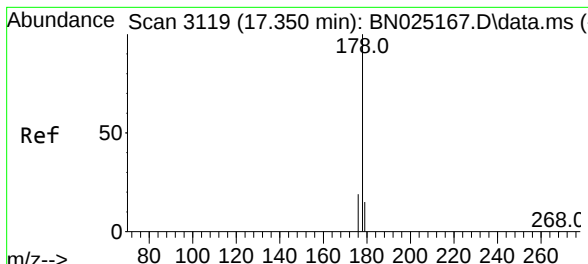
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 0.041 ng/ul
RT: 15.607 min Scan# 2714
Delta R.T. -0.003 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

Tgt Ion:166 Resp: 1786
Ion Ratio Lower Upper
166 100
165 104.5 78.1 117.1
167 22.2 11.0 16.6#



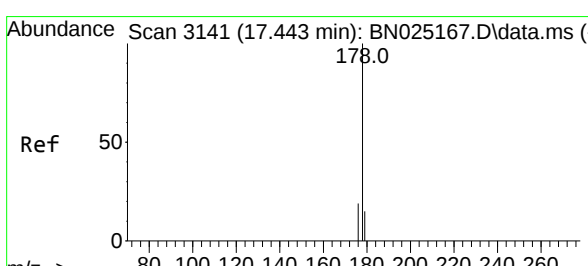
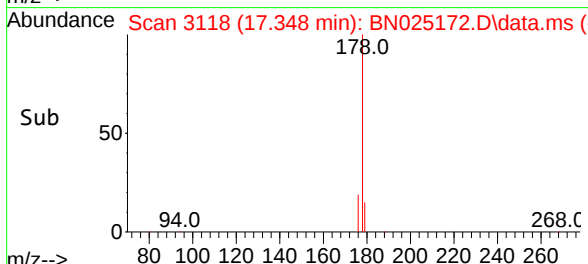
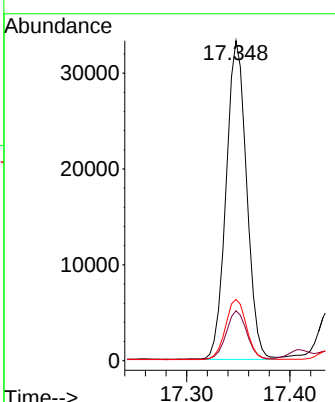
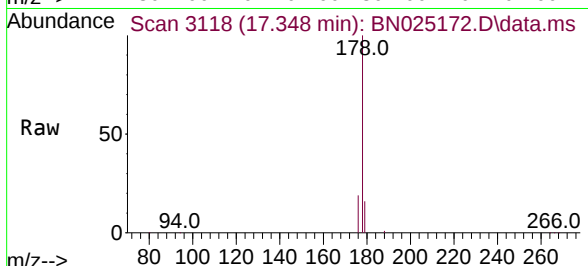


#15
 Phenanthrene
 Concen: 0.580 ng/ul
 RT: 17.348 min Scan# 3118
 Delta R.T. -0.003 min
 Lab File: BN025172.D
 Acq: 27 Apr 2023 11:48

Instrument : BNA_N
 ClientSampleId : EW8Y9

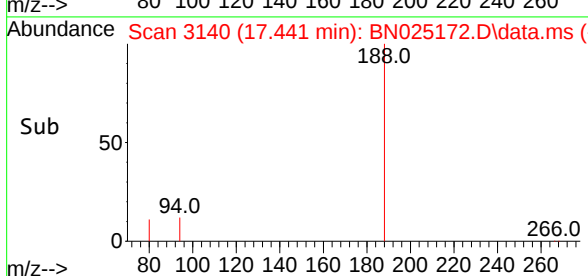
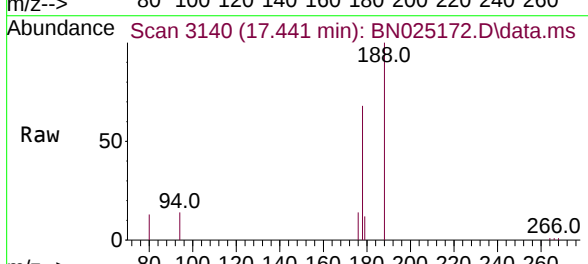
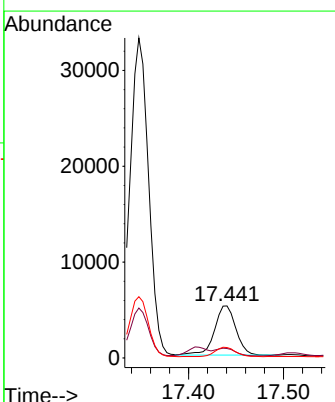
Tgt Ion:	178	Resp:	45738
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.5	18.7
176	19.2	15.6	23.4

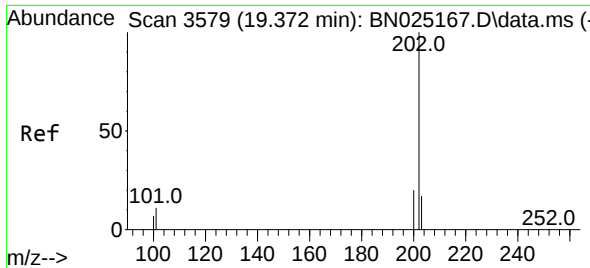
Manual Integrations
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#16
 Anthracene
 Concen: 0.125 ng/ul
 RT: 17.441 min Scan# 3140
 Delta R.T. -0.003 min
 Lab File: BN025172.D
 Acq: 27 Apr 2023 11:48

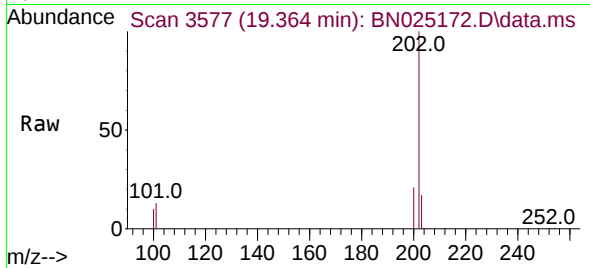
Tgt Ion:	178	Resp:	8064
Ion Ratio	Lower	Upper	
178	100		
179	18.2	12.7	19.1
176	19.9	15.3	22.9





#19
Fluoranthene
Concen: 1.312 ng/ul
RT: 19.364 min Scan# 3577
Delta R.T. -0.007 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

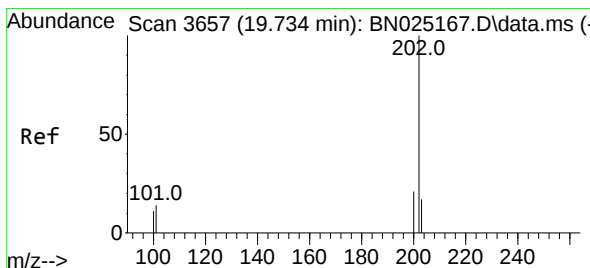
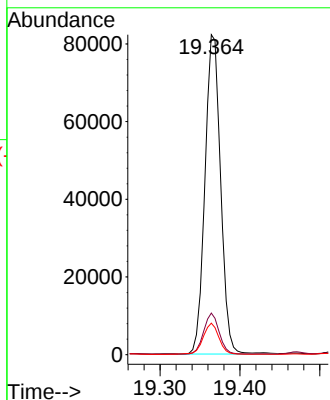
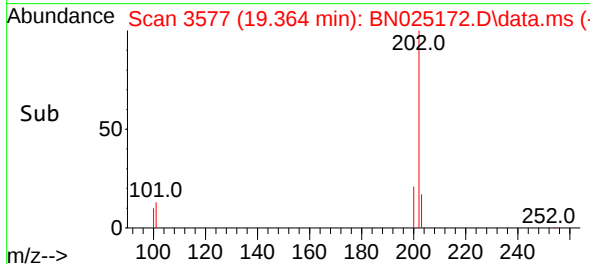
Instrument :
BNA_N
ClientSampleId :
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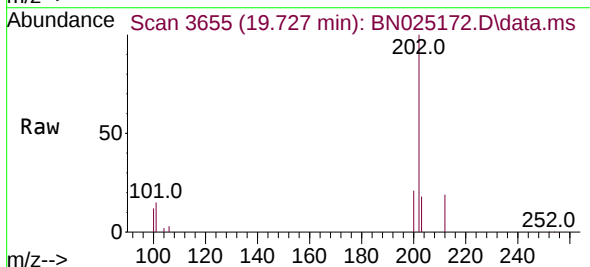
Tgt Ion:202 Resp: 112160
Ion Ratio Lower Upper
202 100
101 13.0 9.7 14.5
100 9.8 7.3 10.9

Manual Integrations
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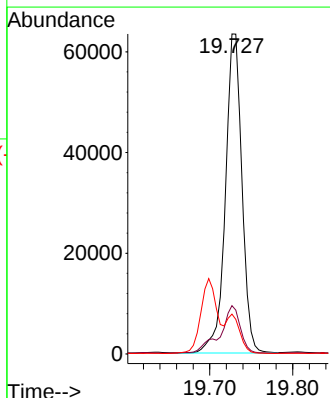
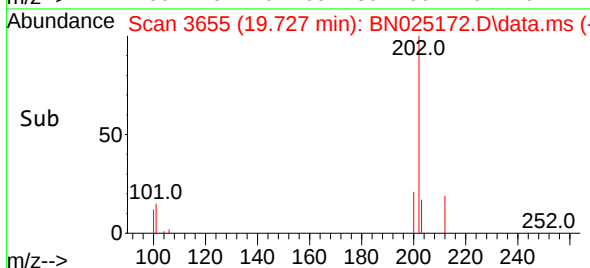
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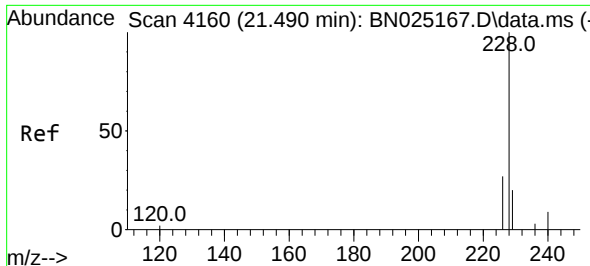


#20
Pyrene
Concen: 0.998 ng/ul
RT: 19.727 min Scan# 3655
Delta R.T. -0.007 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48



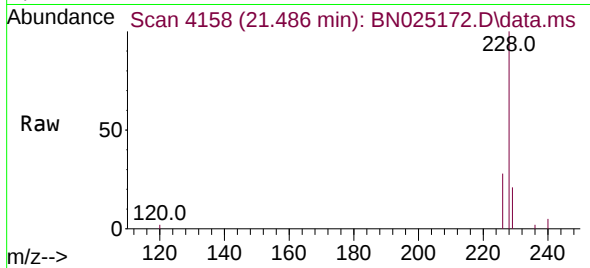
Tgt Ion:202 Resp: 87709
Ion Ratio Lower Upper
202 100
101 15.1 11.3 16.9
100 12.4 9.2 13.8





#21
Benzo(a)anthracene
Concen: 0.635 ng/ul
RT: 21.486 min Scan# 4158
Delta R.T. -0.004 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

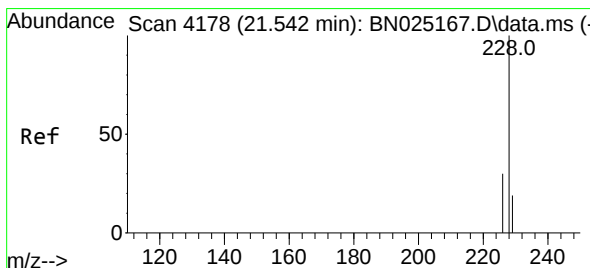
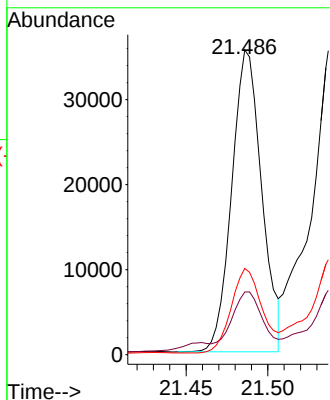
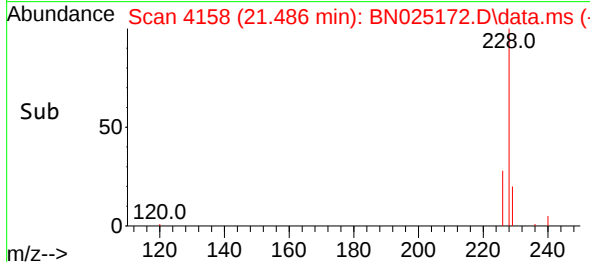
Instrument :
BNA_N
ClientSampleId :
EW8Y9



Tgt Ion:228 Resp: 4527
Ion Ratio Lower Upper
228 100
229 20.6 15.6 23.4
226 28.3 22.1 33.1

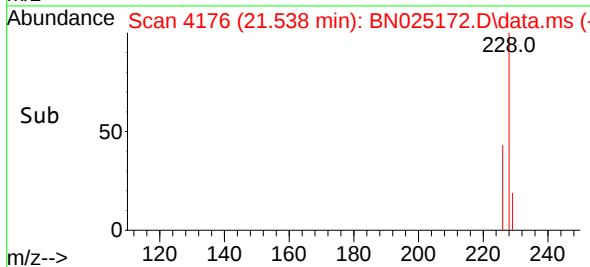
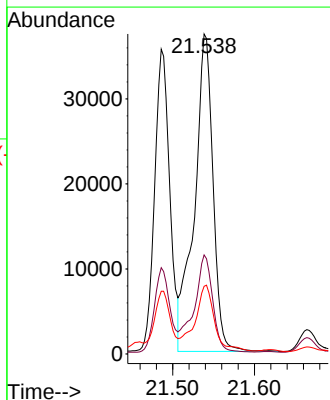
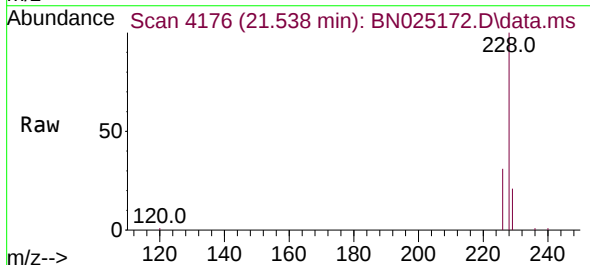
Manual Integrations
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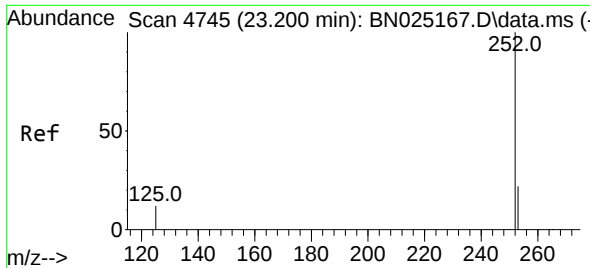
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#22
Chrysene
Concen: 0.761 ng/ul
RT: 21.538 min Scan# 4176
Delta R.T. -0.004 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

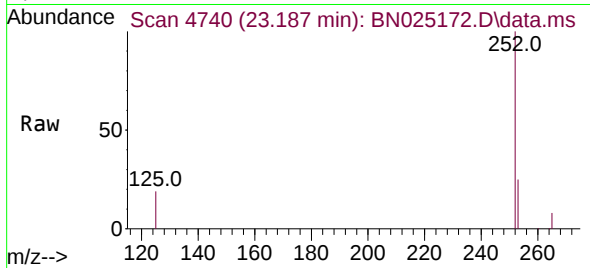
Tgt Ion:228 Resp: 59129
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 21.1 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.889 ng/ul m
RT: 23.187 min Scan# 4740
Delta R.T. -0.013 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

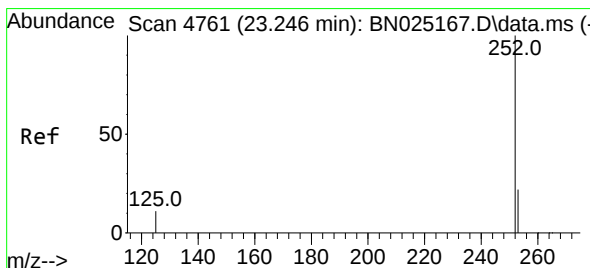
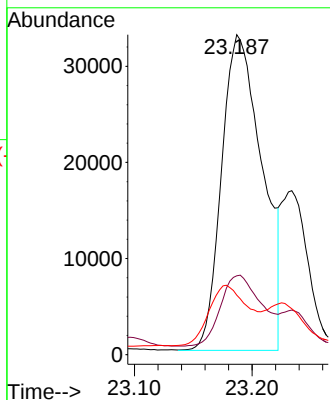
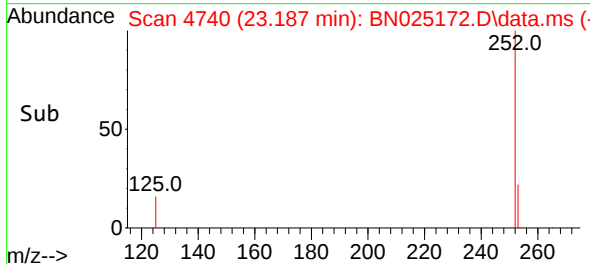
Instrument :
BNA_N
ClientSampleId :
EW8Y9



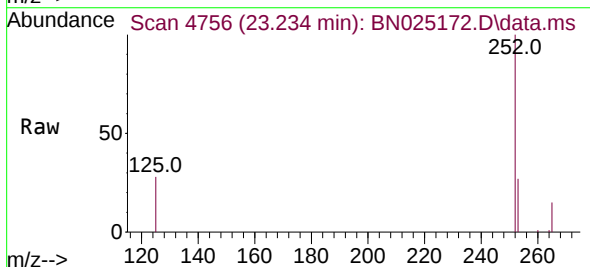
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Ion Ratio Lower Upper
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125 18.6 0.0 30.4

Manual Integrations
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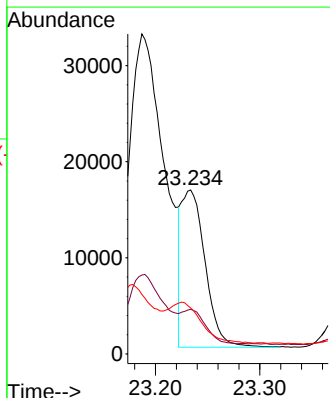
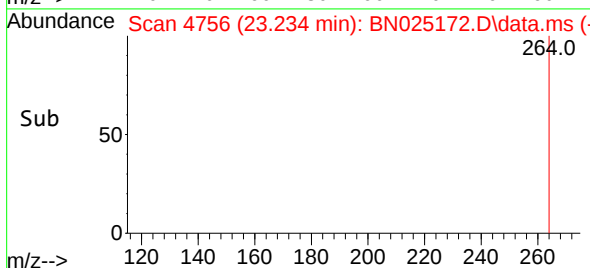
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

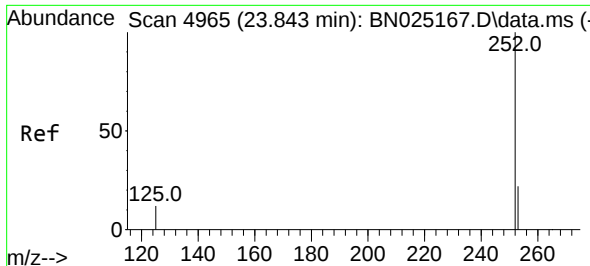


#25
Benzo(k)fluoranthene
Concen: 0.302 ng/ul m
RT: 23.234 min Scan# 4756
Delta R.T. -0.013 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48



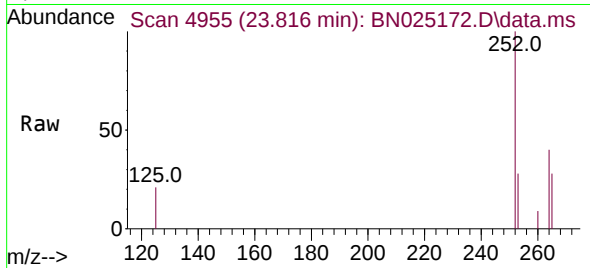
Tgt Ion:252 Resp: 25823
Ion Ratio Lower Upper
252 100
253 27.2 20.2 30.4
125 28.0 11.8 17.8#





#26
Benzo(a)pyrene
Concen: 0.357 ng/ul
RT: 23.816 min Scan# 4965
Delta R.T. -0.027 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

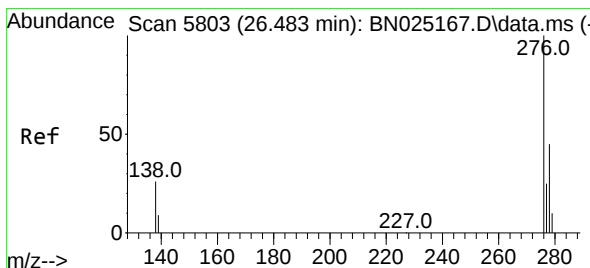
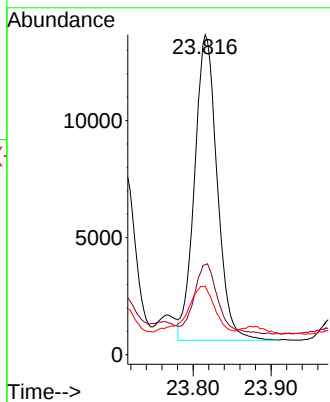
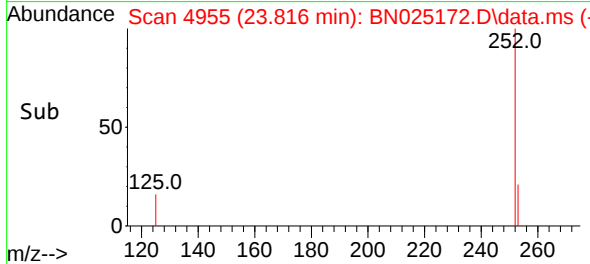
Instrument :
BNA_N
ClientSampleId :
EW8Y9



Tgt Ion:252 Resp: 2626
Ion Ratio Lower Upper
252 100
253 28.1 21.4 32.2
125 21.5 14.6 22.0

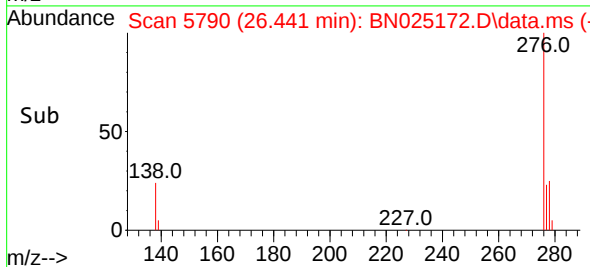
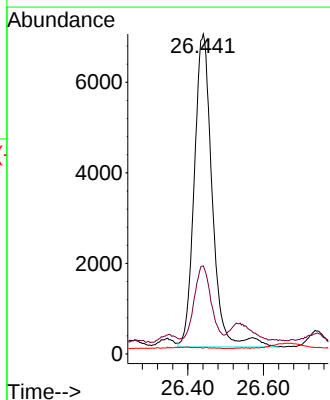
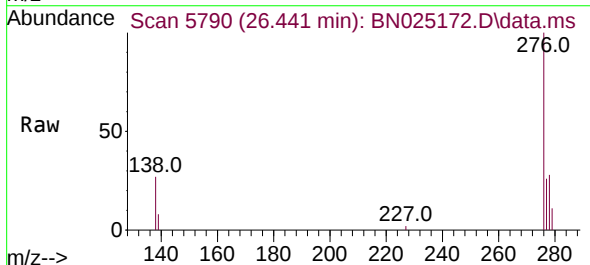
Manual Integrations
APPROVED

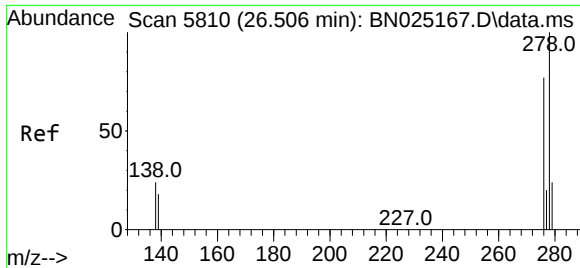
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng/ul
RT: 26.441 min Scan# 5790
Delta R.T. -0.042 min
Lab File: BN025172.D
Acq: 27 Apr 2023 11:48

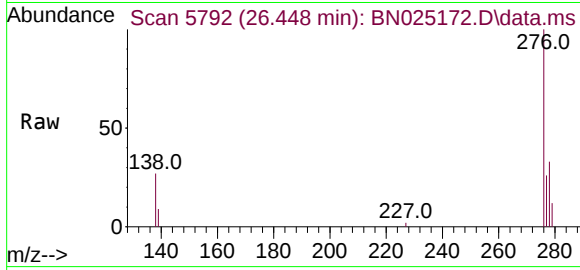
Tgt Ion:276 Resp: 22697
Ion Ratio Lower Upper
276 100
138 22.8 21.9 32.9
227 0.2 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.109 ng/ul
 RT: 26.448 min Scan# 51
 Delta R.T. -0.058 min
 Lab File: BN025172.D
 Acq: 27 Apr 2023 11:48

Instrument :
 BNA_N
 ClientSampleId :
 EW8Y9



Tgt Ion:	278	Resp:	7229
Ion	Ratio	Lower	Upper
278	100		
139	28.0	17.0	25.6
279	37.8	21.8	32.8

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/28/2023
 Supervised By :Jagrut Upadhyay 05/01/2023

