

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
 Data File : BN025178.D
 Acq On : 27 Apr 2023 15:22
 Operator : CG/JU
 Sample : 02418-25
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW8Z9

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 01:21:10 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	9355	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	32730	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	20077	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	41358	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	26528	0.400	ng/ul	# 0.00
23) Perylene-d12	23.946	264	27140	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	33350	3.443	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	11398	0.271	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	25602	0.366	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	114082	1.360	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	46535	0.906	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	41937	0.766	ng/ul	100
10) Acenaphthylene	14.283	152	105068	1.405	ng/ul	99
11) Acenaphthene	14.626	153	216497	3.434	ng/ul	97
12) Fluorene	15.611	166	243780	3.459	ng/ul	100
15) Phenanthrene	17.355	178	3943270	33.779	ng/ul	100
16) Anthracene	17.444	178	917076	9.603	ng/ul	99
19) Fluoranthene	19.373	202	6118984	63.786	ng/ul	95
20) Pyrene	19.735	202	5467591	55.473	ng/ul	94
21) Benzo(a)anthracene	21.491	228	2369783	29.645	ng/ul	98
22) Chrysene	21.544	228	2322714	26.636	ng/ul	98
24) Benzo(b)fluoranthene	23.204	252	2697711m	24.500	ng/ul	
25) Benzo(k)fluoranthene	23.245	252	972841m	9.185	ng/ul	
26) Benzo(a)pyrene	23.844	252	1911726	20.984	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.487	276	1279554	12.190	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.497	278	306830	3.742	ng/ul	98
29) Benzo(g,h,i)perylene	27.272	276	1148753	12.871	ng/ul	99

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

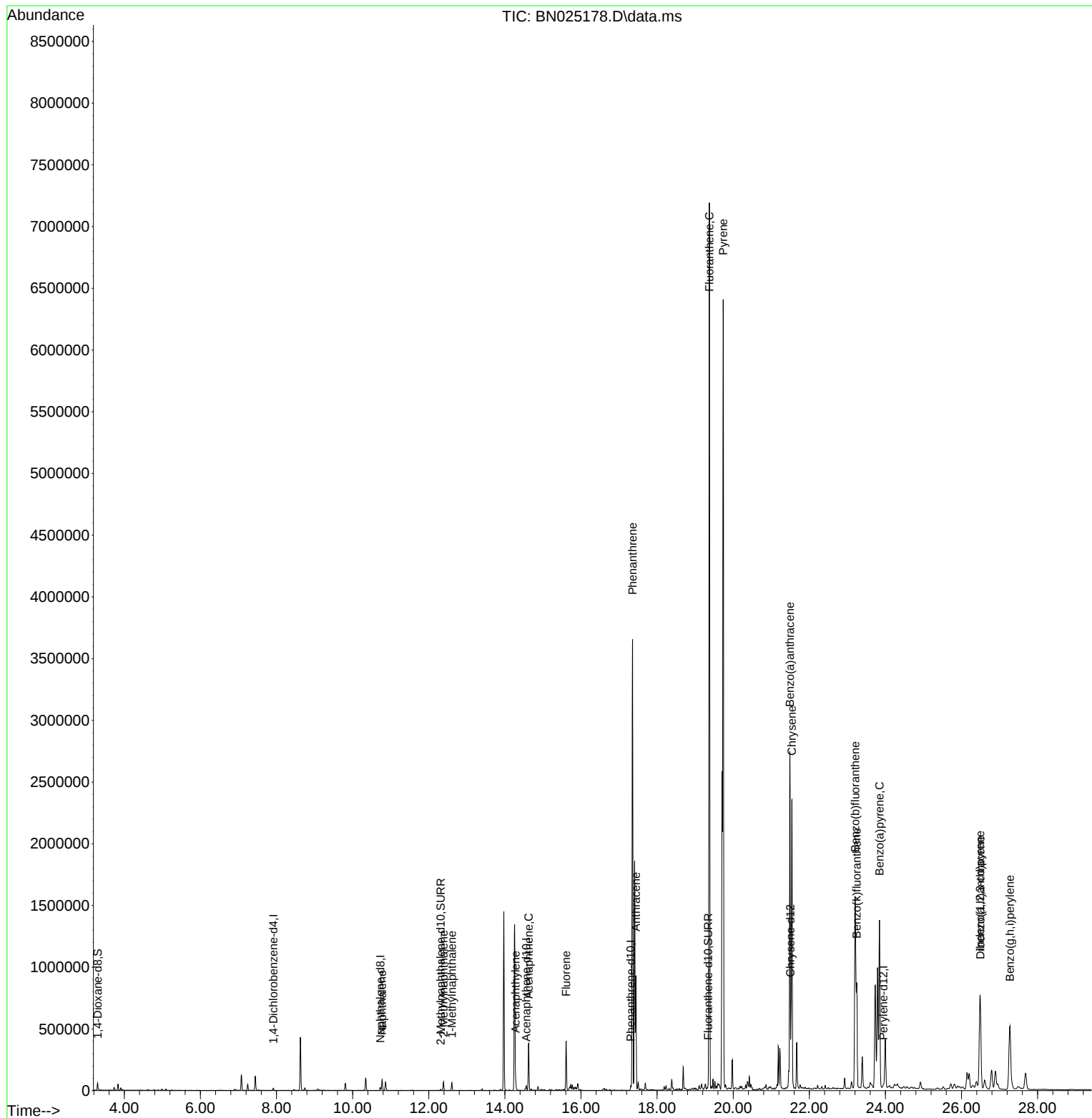
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042723\
Data File : BN025178.D
Acq On : 27 Apr 2023 15:22
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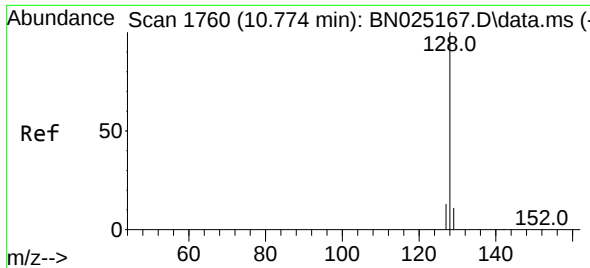
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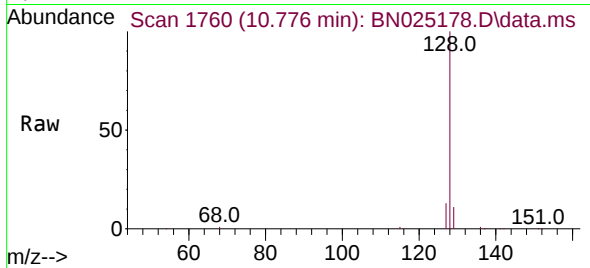
Quant Time: Apr 28 01:21:10 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 15:27:43 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.360 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.002 min
Lab File: BN025178.D
Acq: 27 Apr 2023 15:22

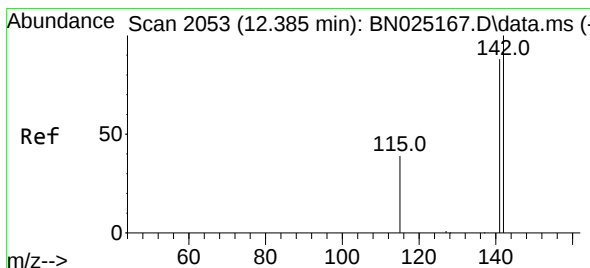
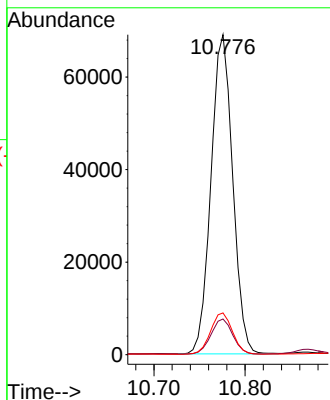
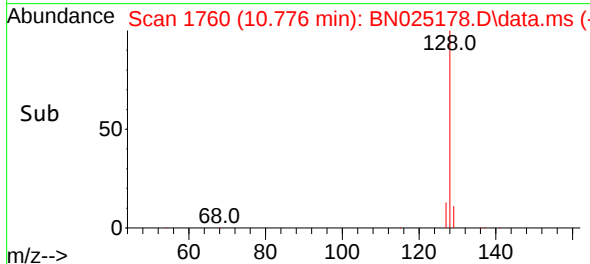
Instrument :
BNA_N
ClientSampleId :
EW8Z9



Tgt Ion:128 Resp: 11408
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.1 10.7 16.1

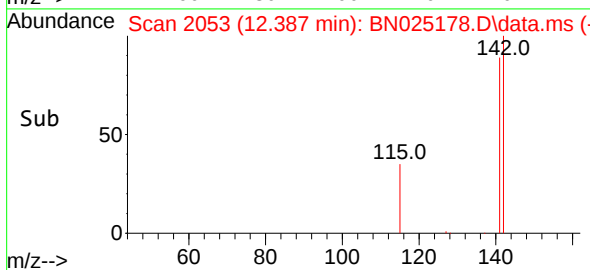
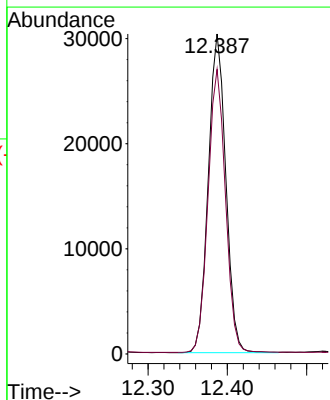
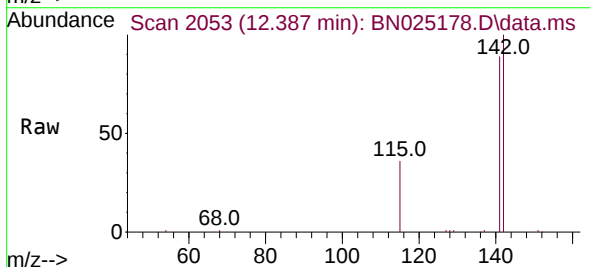
Manual Integrations
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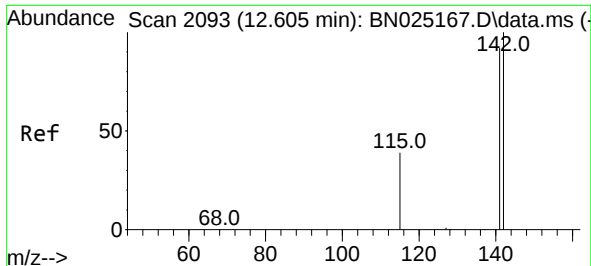
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#7
2-Methylnaphthalene
Concen: 0.906 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025178.D
Acq: 27 Apr 2023 15:22

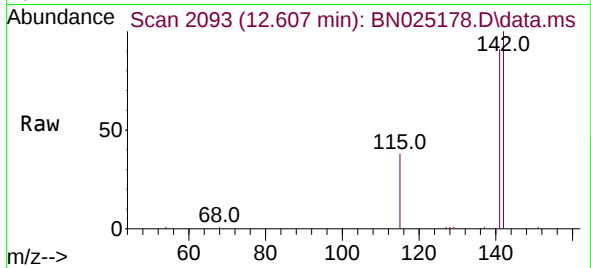
Tgt Ion:142 Resp: 46535
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.766 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025178.D
Acq: 27 Apr 2023 15:22

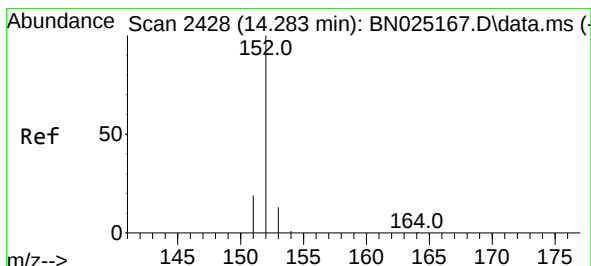
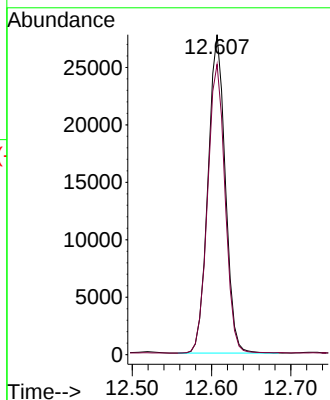
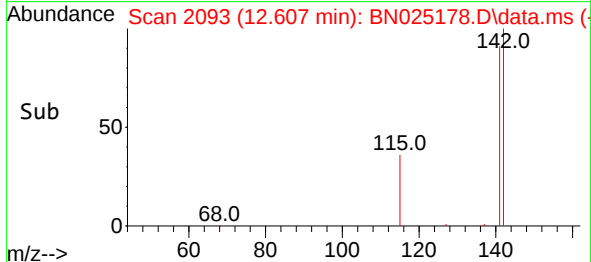
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 4193
Ion Ratio Lower Upper
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141 91.8 73.8 110.6

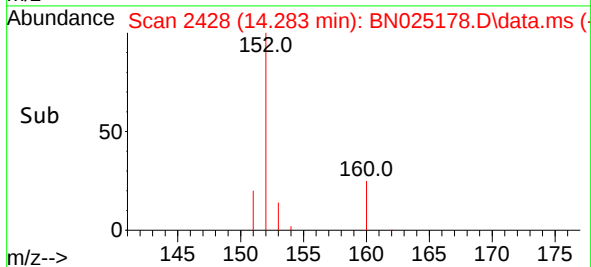
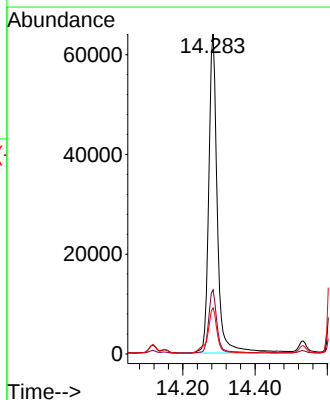
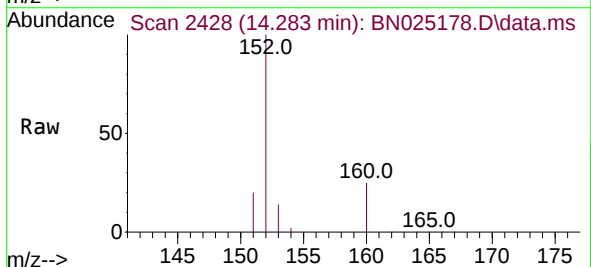
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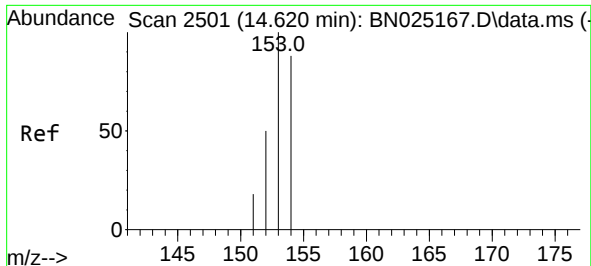
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Acenaphthylene
Concen: 1.405 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.001 min
Lab File: BN025178.D
Acq: 27 Apr 2023 15:22

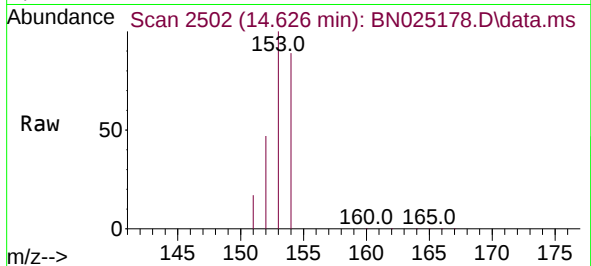
Tgt Ion:152 Resp: 105068
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 14.4 10.8 16.2





#11
Acenaphthene
Concen: 3.434 ng/u1
RT: 14.626 min Scan# 21649
Delta R.T. 0.005 min
Lab File: BN025178.D
Acq: 27 Apr 2023 15:22

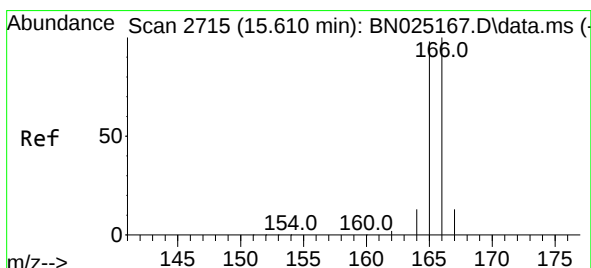
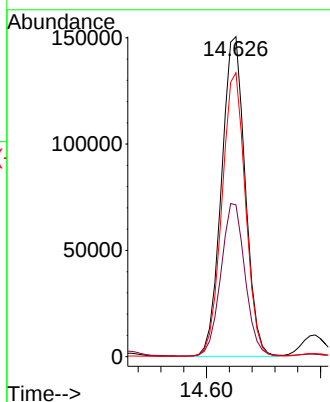
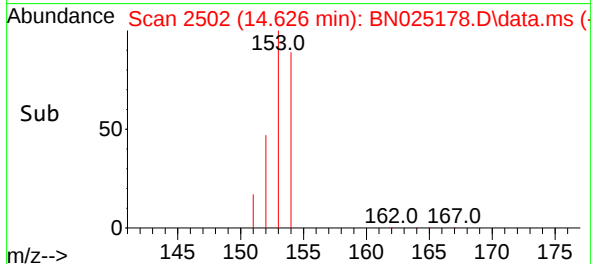
Instrument :
BNA_N
ClientSampleId :
EW8Z9



Tgt Ion:153 Resp: 21649
Ion Ratio Lower Upper
153 100
152 47.5 40.2 60.4
154 88.8 69.4 104.2

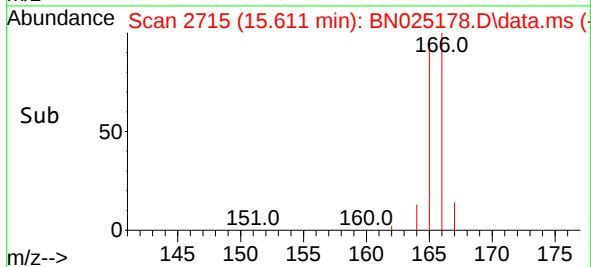
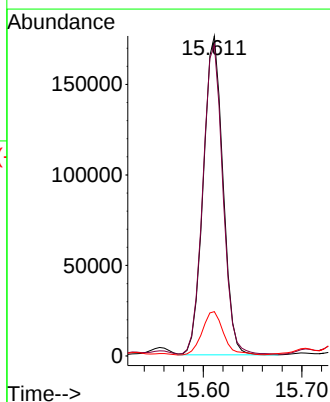
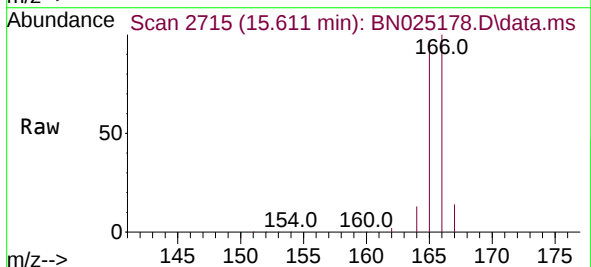
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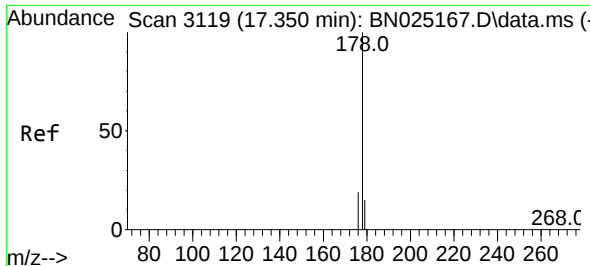
Reviewed By :Christian Giraldo 04/28/2023
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#12
Fluorene
Concen: 3.459 ng/u1
RT: 15.611 min Scan# 2715
Delta R.T. 0.001 min
Lab File: BN025178.D
Acq: 27 Apr 2023 15:22

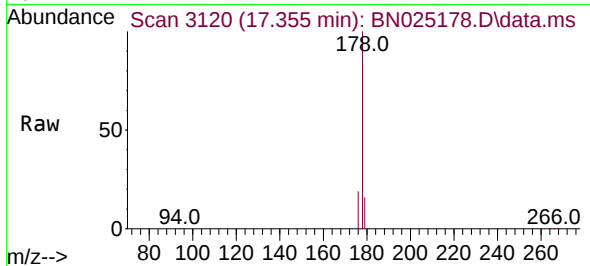
Tgt Ion:166 Resp: 243780
Ion Ratio Lower Upper
166 100
165 97.3 78.1 117.1
167 13.9 11.0 16.6





#15
Phenanthrene
Concen: 33.779 ng/u1
RT: 17.355 min Scan# 3119
Delta R.T. 0.005 min
Lab File: BN025178.D
Acq: 27 Apr 2023 15:22

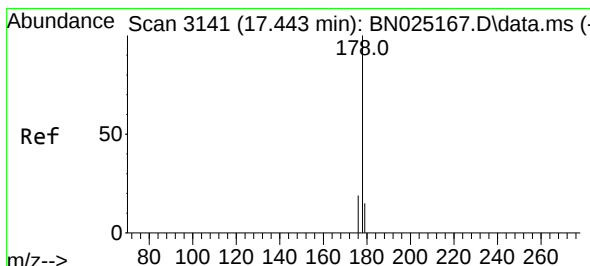
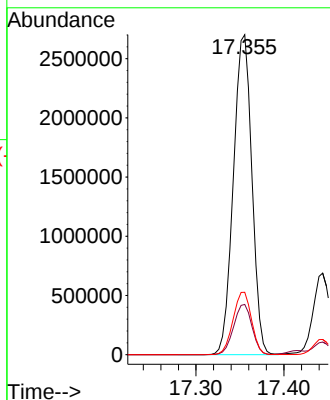
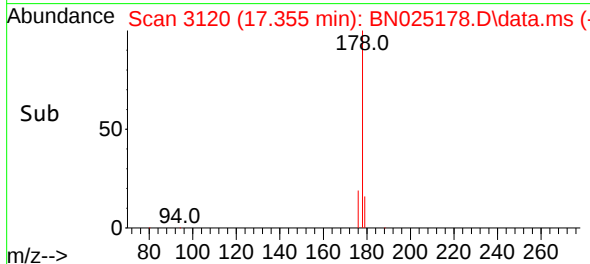
Instrument :
BNA_N
ClientSampleId :
EW8Z9



Tgt Ion:178 Resp: 3943270
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.5 15.6 23.4

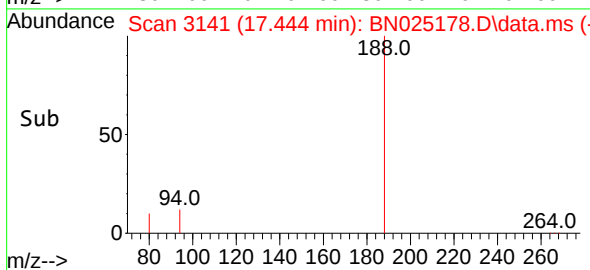
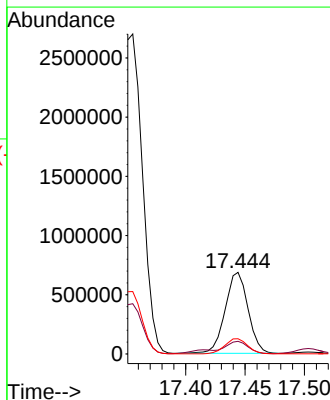
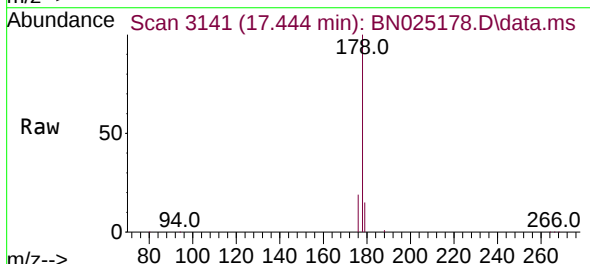
Manual Integrations
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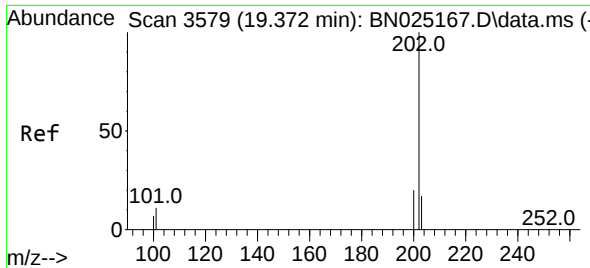
Reviewed By :Christian Giraldo 04/28/2023
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#16
Anthracene
Concen: 9.603 ng/u1
RT: 17.444 min Scan# 3141
Delta R.T. 0.001 min
Lab File: BN025178.D
Acq: 27 Apr 2023 15:22

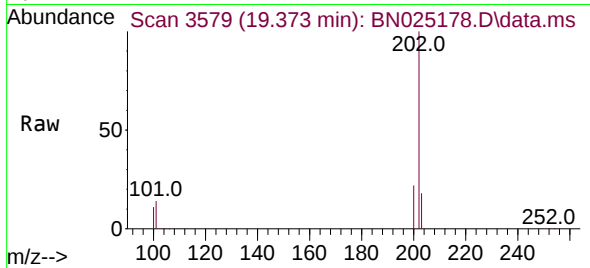
Tgt Ion:178 Resp: 917076
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 18.7 15.3 22.9





#19
Fluoranthene
Concen: 63.786 ng/u1
RT: 19.373 min Scan# 3579
Delta R.T. 0.001 min
Lab File: BN025178.D
Acq: 27 Apr 2023 15:22

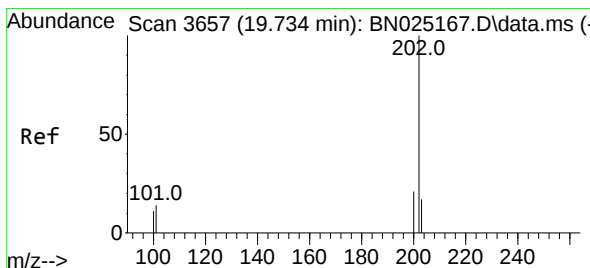
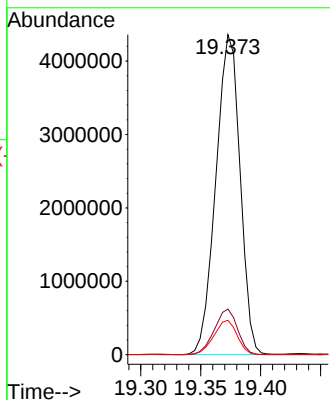
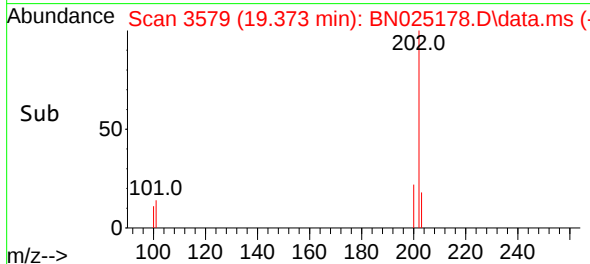
Instrument :
BNA_N
ClientSampleId :
EW8Z9



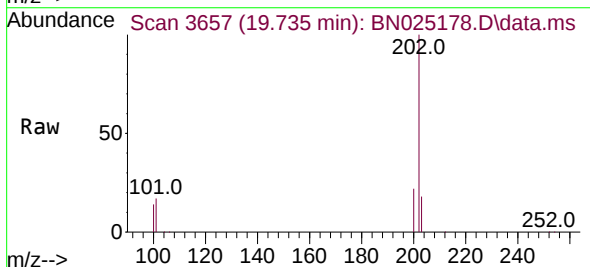
Tgt Ion:202 Resp: 6118984
Ion Ratio Lower Upper
202 100
101 14.2 9.7 14.5
100 10.7 7.3 10.9

Manual Integrations
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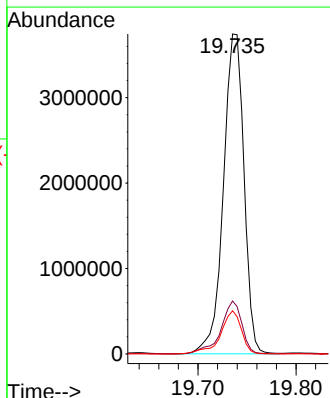
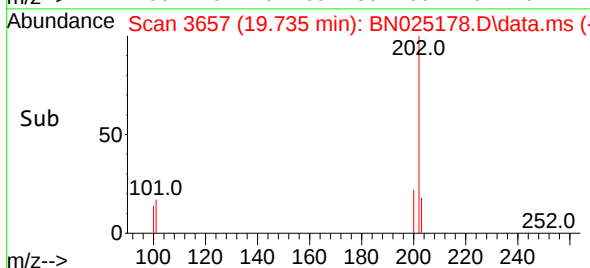
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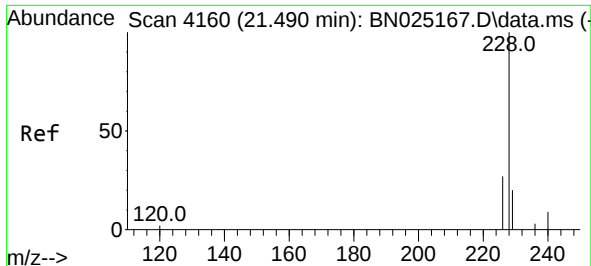


#20
Pyrene
Concen: 55.473 ng/u1
RT: 19.735 min Scan# 3657
Delta R.T. 0.001 min
Lab File: BN025178.D
Acq: 27 Apr 2023 15:22



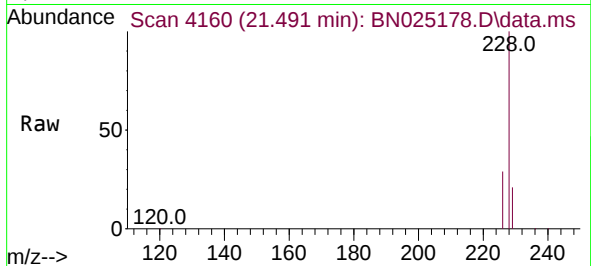
Tgt Ion:202 Resp: 5467591
Ion Ratio Lower Upper
202 100
101 16.6 11.3 16.9
100 13.5 9.2 13.8





#21
Benzo(a)anthracene
Concen: 29.645 ng/u1
RT: 21.491 min Scan# 4160
Delta R.T. 0.001 min
Lab File: BN025178.D
Acq: 27 Apr 2023 15:22

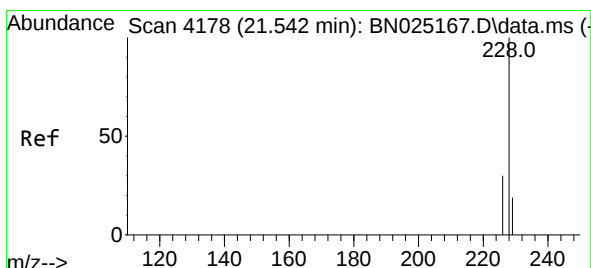
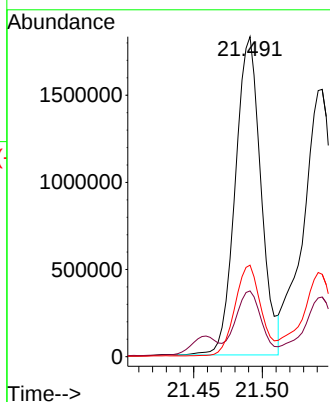
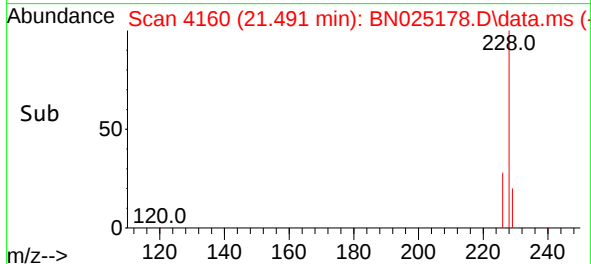
Instrument :
BNA_N
ClientSampleId :
EW8Z9



Tgt Ion:228 Resp: 236978
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 28.6 22.1 33.1

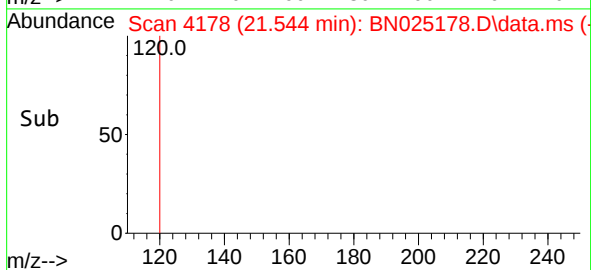
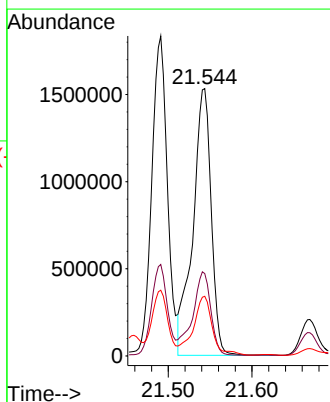
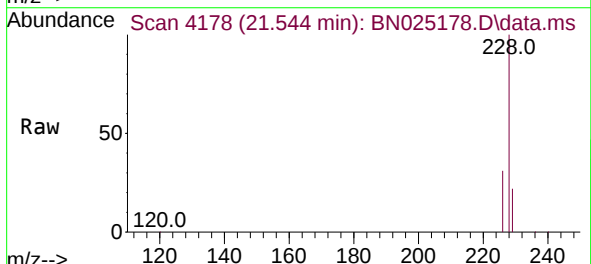
Manual Integrations
APPROVED

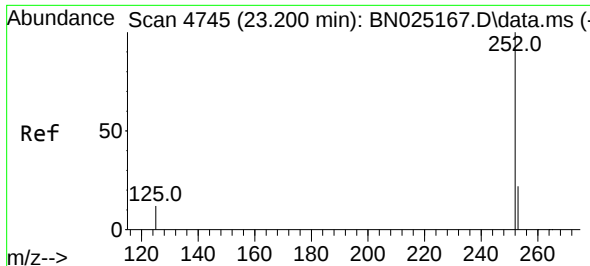
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#22
Chrysene
Concen: 26.636 ng/u1
RT: 21.544 min Scan# 4178
Delta R.T. 0.001 min
Lab File: BN025178.D
Acq: 27 Apr 2023 15:22

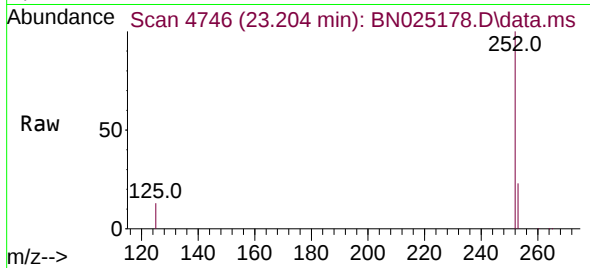
Tgt Ion:228 Resp: 2322714
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 24.500 ng/ul m
RT: 23.204 min Scan# 4745
Delta R.T. 0.004 min
Lab File: BN025178.D
Acq: 27 Apr 2023 15:22

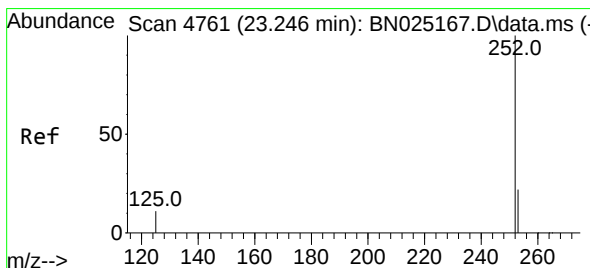
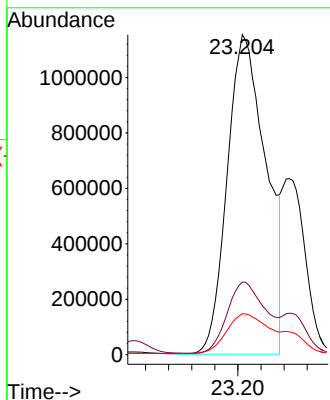
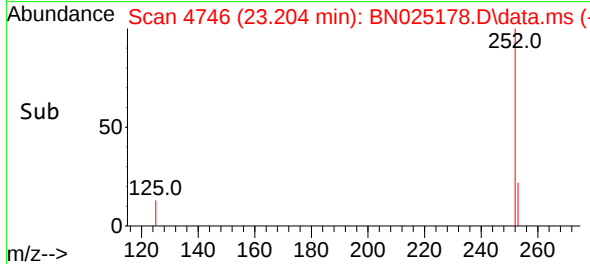
Instrument :
BNA_N
ClientSampleId :
EW8Z9



Tgt Ion:252 Resp: 269771
Ion Ratio Lower Upper
252 100
253 22.7 0.0 50.2
125 12.8 0.0 30.4

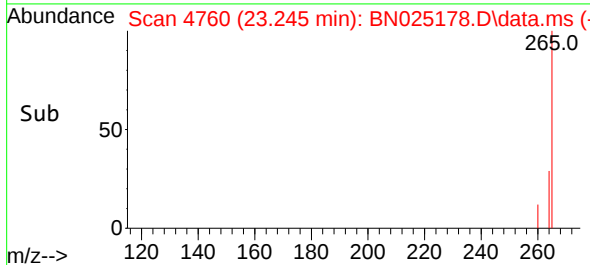
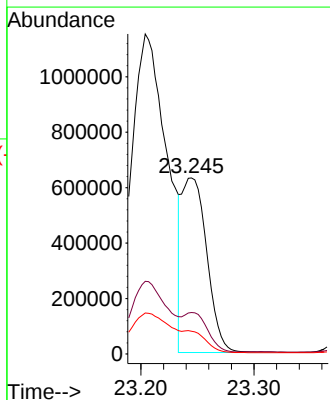
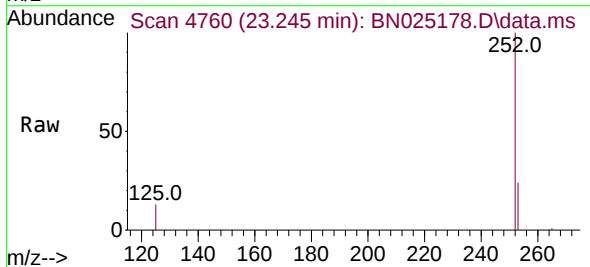
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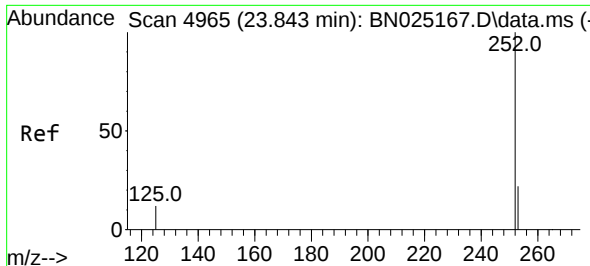
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#25
Benzo(k)fluoranthene
Concen: 9.185 ng/ul m
RT: 23.245 min Scan# 4760
Delta R.T. -0.002 min
Lab File: BN025178.D
Acq: 27 Apr 2023 15:22

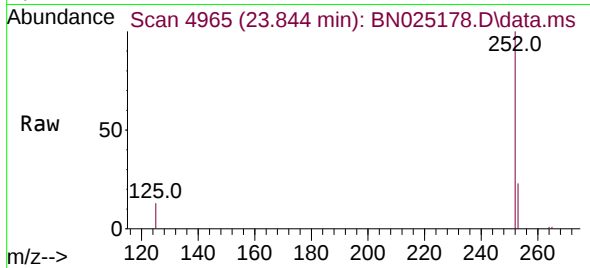
Tgt Ion:252 Resp: 972841
Ion Ratio Lower Upper
252 100
253 23.5 20.2 30.4
125 12.9 11.8 17.8





#26
Benzo(a)pyrene
Concen: 20.984 ng/ul
RT: 23.844 min Scan# 4965
Delta R.T. 0.001 min
Lab File: BN025178.D
Acq: 27 Apr 2023 15:22

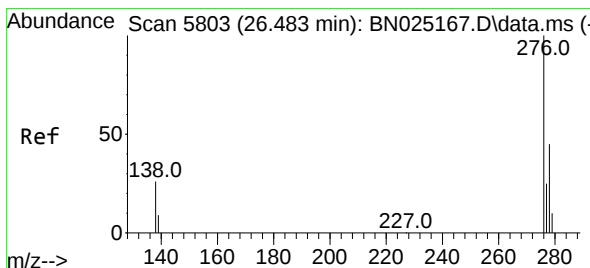
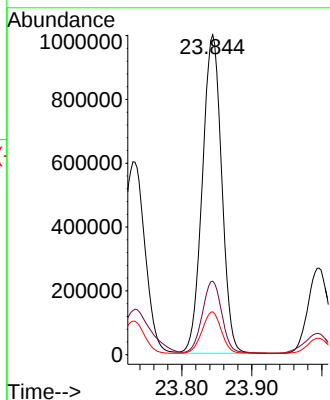
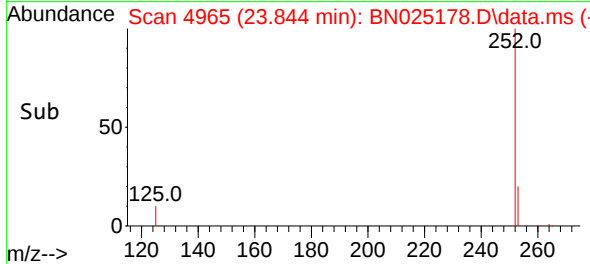
Instrument :
BNA_N
ClientSampleId :
EW8Z9



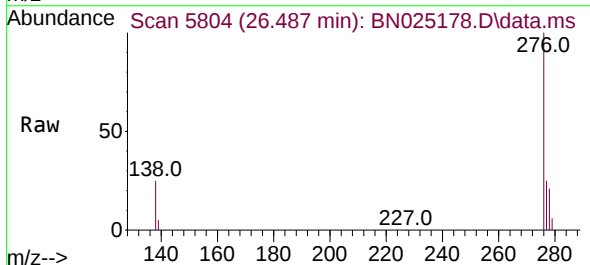
Tgt Ion:252 Resp: 1911720
Ion Ratio Lower Upper
252 100
253 22.9 21.4 32.2
125 13.4 14.6 22.0

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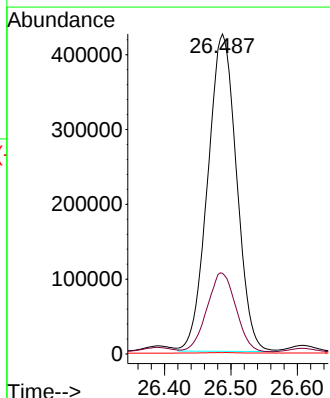
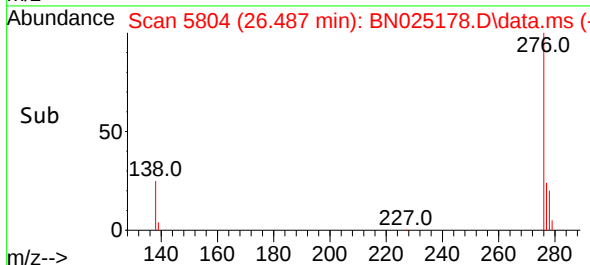
Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 05/01/2023

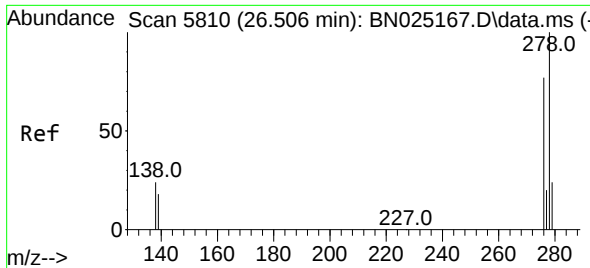


#27
Indeno(1,2,3-cd)pyrene
Concen: 12.190 ng/ul
RT: 26.487 min Scan# 5804
Delta R.T. 0.005 min
Lab File: BN025178.D
Acq: 27 Apr 2023 15:22



Tgt Ion:276 Resp: 1279554
Ion Ratio Lower Upper
276 100
138 25.0 21.9 32.9
227 0.2 0.1 0.1





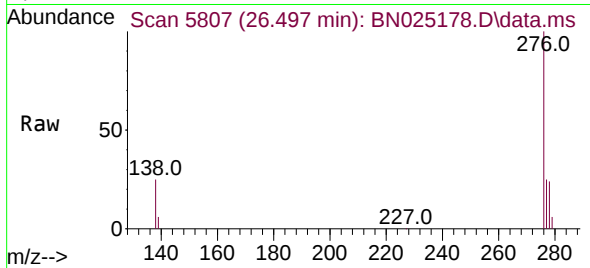
#28
 Dibenzo(a,h)anthracene
 Concen: 3.742 ng/ul
 RT: 26.497 min Scan# 5810
 Delta R.T. -0.009 min
 Lab File: BN025178.D
 Acq: 27 Apr 2023 15:22

Instrument :

BNA_N

ClientSampleId :

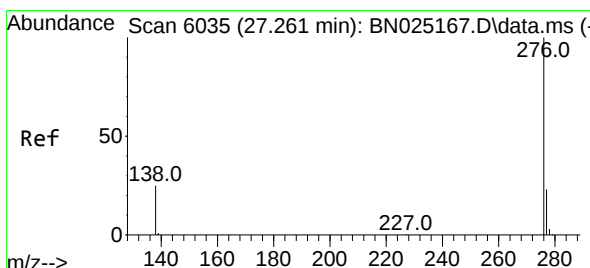
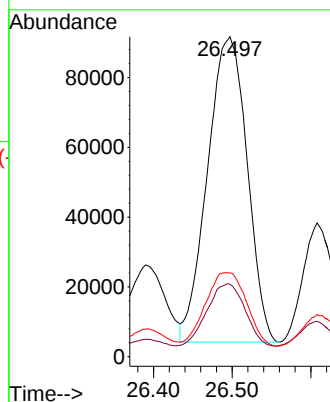
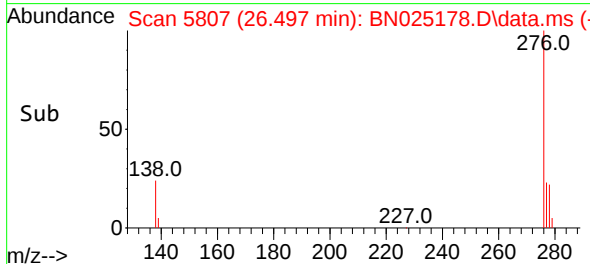
EW8Z9



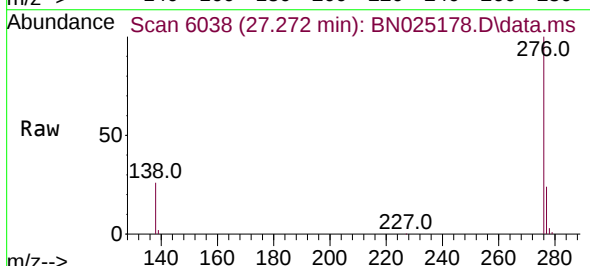
Tgt Ion:278 Resp: 306830
 Ion Ratio Lower Upper
 278 100
 139 22.7 17.0 25.6
 279 26.2 21.8 32.8

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



#29
 Benzo(g,h,i)perylene
 Concen: 12.871 ng/ul
 RT: 27.272 min Scan# 6038
 Delta R.T. 0.011 min
 Lab File: BN025178.D
 Acq: 27 Apr 2023 15:22



Tgt Ion:276 Resp: 1148753
 Ion Ratio Lower Upper
 276 100
 138 25.6 20.3 30.5
 277 24.4 19.8 29.6

