

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025219.D
 Acq On : 02 May 2023 14:24
 Operator : CG/JU
 Sample : 02419-32
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW927

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/03/2023

Quant Time: May 03 02:29:16 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 : Tue May 02 16:21:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	6701	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	23404	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	16093	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	38077	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.503	240	28023	0.400	ng/ul	# 0.00
23) Perylene-d12	23.941	264	29751	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	18330	2.642	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	5848	0.195	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	16578	0.224	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.770	128	158332	2.640	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	96735	2.634	ng/ul	99
8) 1-Methylnaphthalene	12.601	142	65400	1.670	ng/ul	100
10) Acenaphthylene	14.280	152	70987	1.184	ng/ul#	95
11) Acenaphthene	14.622	153	229500	4.541	ng/ul	98
12) Fluorene	15.607	166	244524	4.328	ng/ul	99
15) Phenanthrene	17.352	178	3217181	29.934	ng/ul	100
16) Anthracene	17.441	178	907137	10.317	ng/ul	99
19) Fluoranthene	19.373	202	6855176	67.648	ng/ul	97
20) Pyrene	19.736	202	6628817	63.667	ng/ul	96
21) Benzo(a)anthracene	21.486	228	3442885	40.771	ng/ul	97
22) Chrysene	21.541	228	3393190	36.836	ng/ul	97
24) Benzo(b)fluoranthene	23.204	252	4117615m	34.114	ng/ul	
25) Benzo(k)fluoranthene	23.243	252	1402025m	12.076	ng/ul	
26) Benzo(a)pyrene	23.845	252	3060999	30.650	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.498	276	1778509	15.456	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.508	278	404396	4.499	ng/ul	98
29) Benzo(g,h,i)perylene	27.286	276	1520928	15.545	ng/ul	99

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

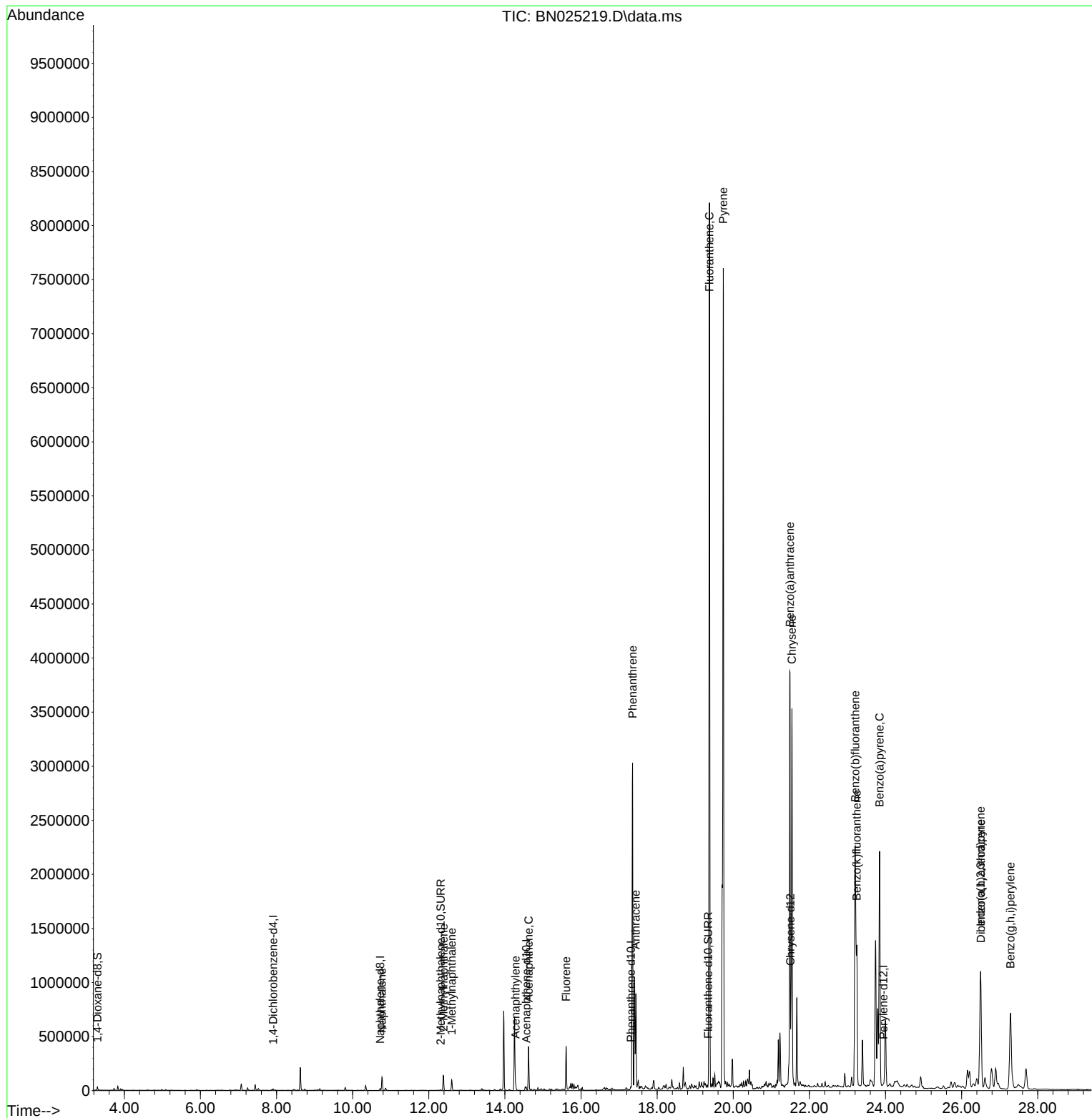
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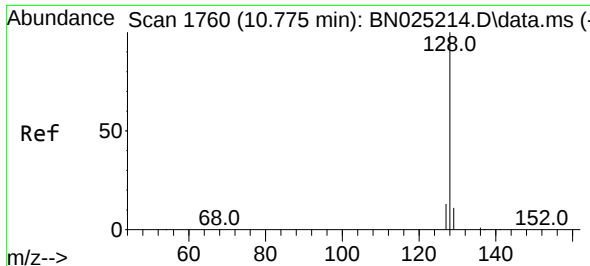
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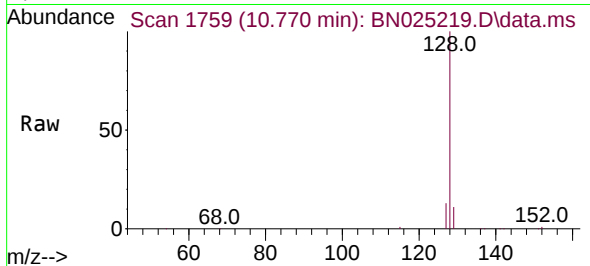
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023





#5
Naphthalene
Concen: 2.640 ng/ul
RT: 10.770 min Scan# 1760
Delta R.T. -0.005 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

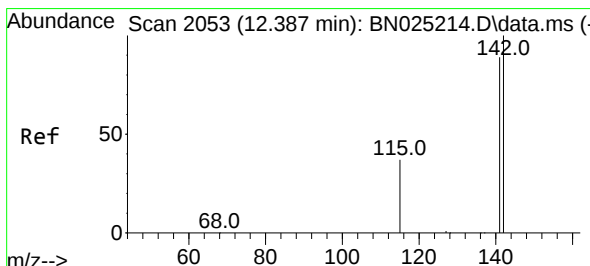
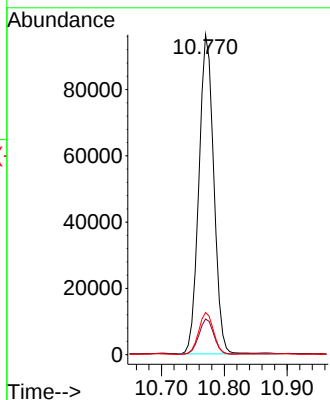
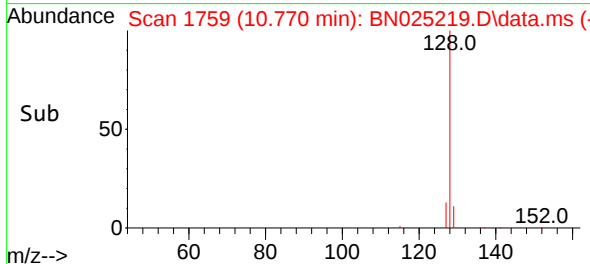
Instrument :
BNA_N
ClientSampleId :
EW927



Tgt Ion:128 Resp: 15833
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.2 10.7 16.1

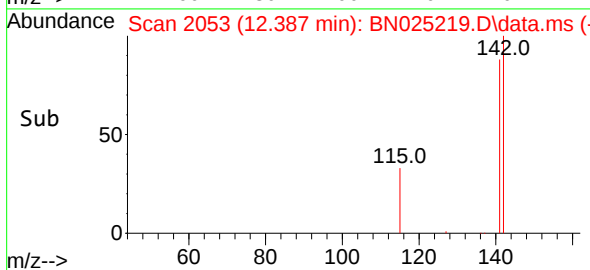
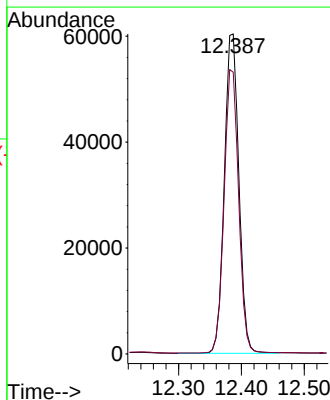
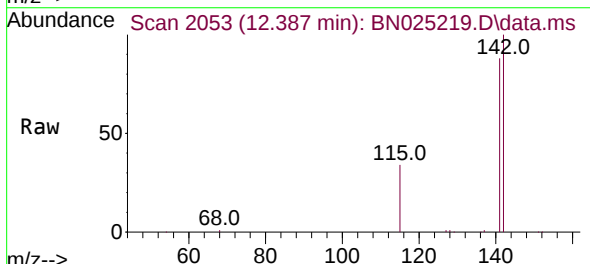
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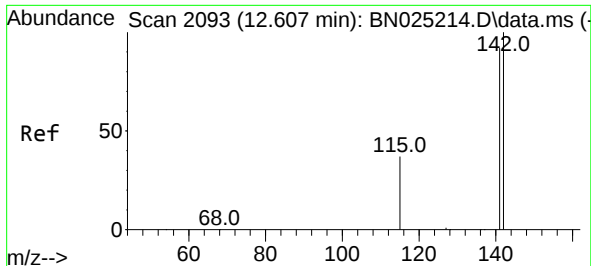
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#7
2-Methylnaphthalene
Concen: 2.634 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

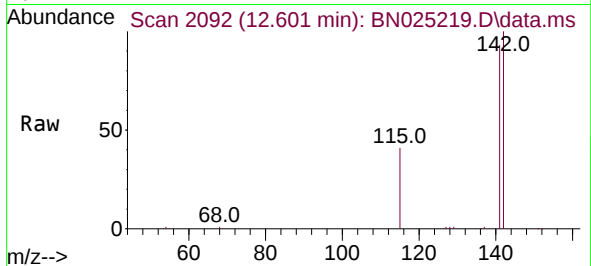
Tgt Ion:142 Resp: 96735
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0





#8
1-Methylnaphthalene
Concen: 1.670 ng/ul
RT: 12.601 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

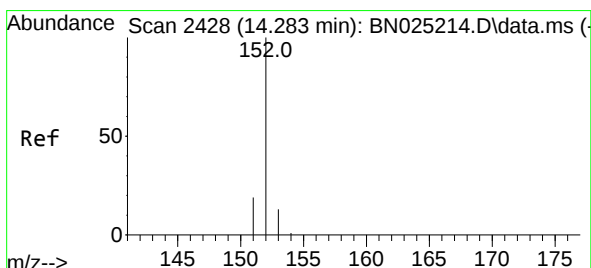
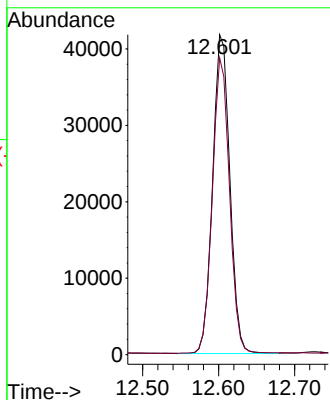
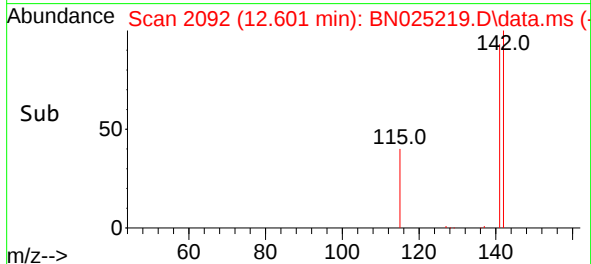
Instrument :
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Tgt Ion:142 Resp: 65400
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6

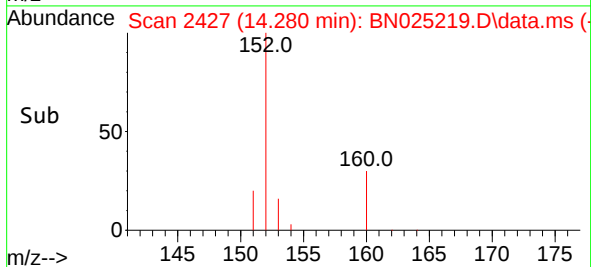
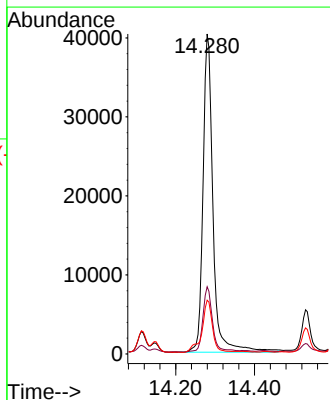
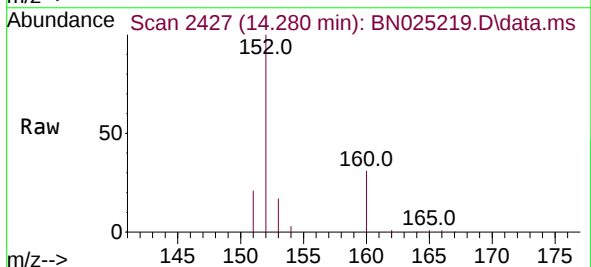
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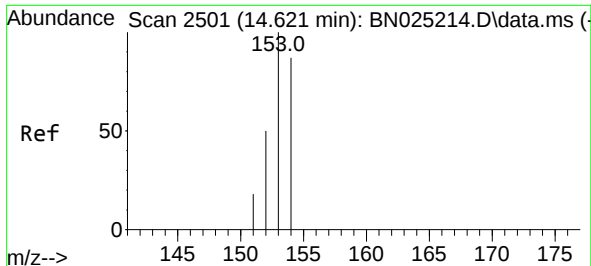
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#10
Acenaphthylene
Concen: 1.184 ng/ul
RT: 14.280 min Scan# 2427
Delta R.T. -0.004 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

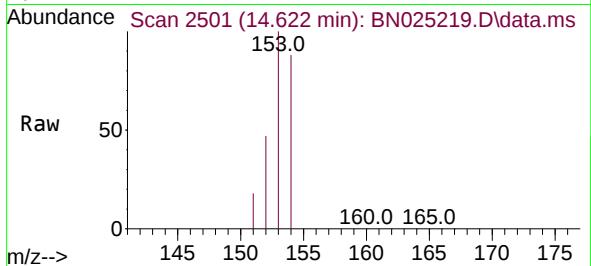
Tgt Ion:152 Resp: 70987
Ion Ratio Lower Upper
152 100
151 21.0 16.0 24.0
153 16.8 10.8 16.2#





#11
Acenaphthene
Concen: 4.541 ng/u1
RT: 14.622 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

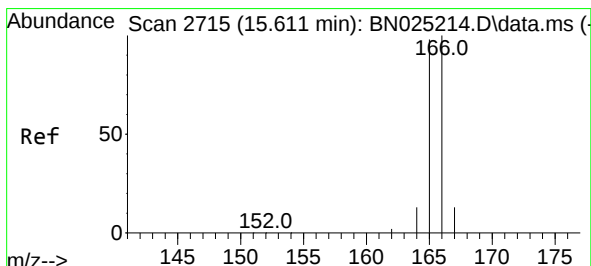
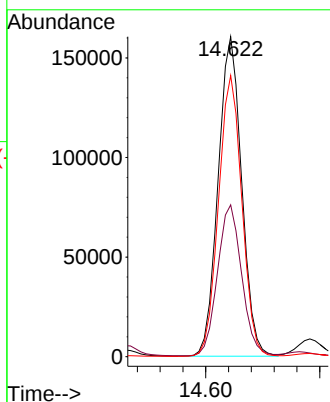
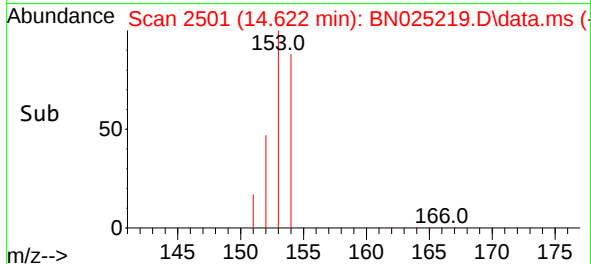
Instrument :
BNA_N
ClientSampleId :
EW927



Tgt Ion:153 Resp: 229500
Ion Ratio Lower Upper
153 100
152 47.5 40.2 60.4
154 87.8 69.4 104.2

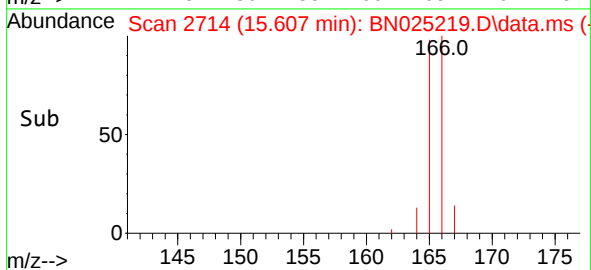
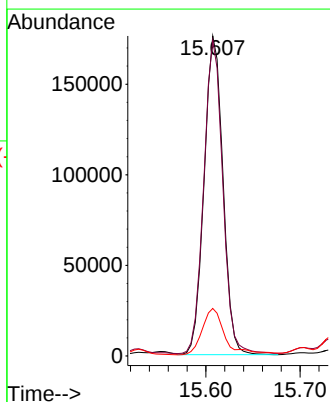
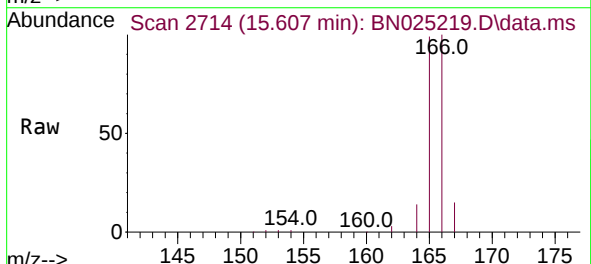
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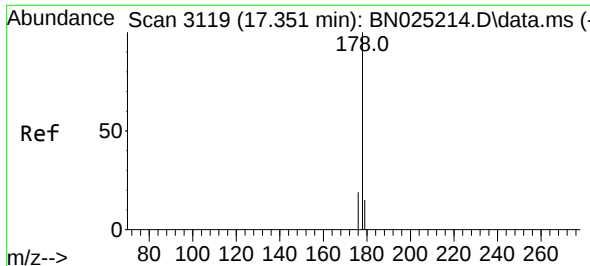
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#12
Fluorene
Concen: 4.328 ng/u1
RT: 15.607 min Scan# 2714
Delta R.T. -0.004 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

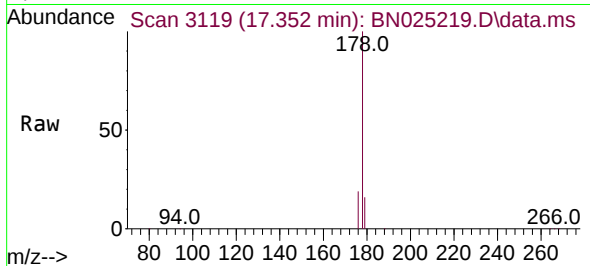
Tgt Ion:166 Resp: 244524
Ion Ratio Lower Upper
166 100
165 98.7 78.1 117.1
167 14.8 11.0 16.6





#15
Phenanthrene
Concen: 29.934 ng/ul
RT: 17.352 min Scan# 3119
Delta R.T. 0.001 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

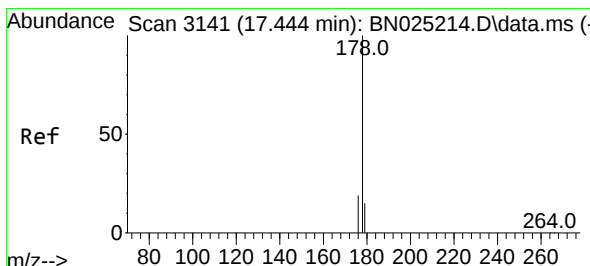
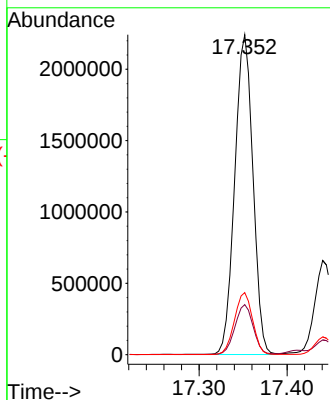
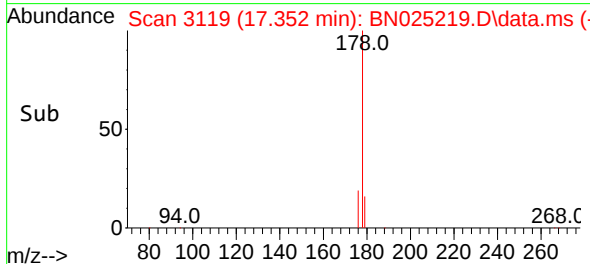
Instrument :
BNA_N
ClientSampleId :
EW927



Tgt Ion:178 Resp: 321718
Ion Ratio Lower Upper
178 100
179 15.7 12.5 18.7
176 19.4 15.6 23.4

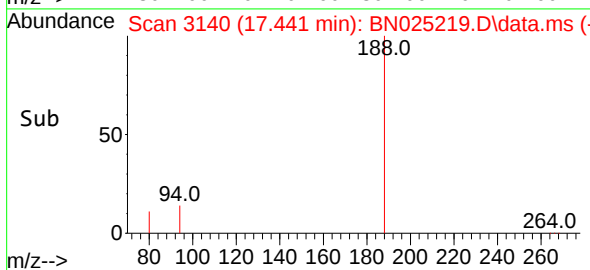
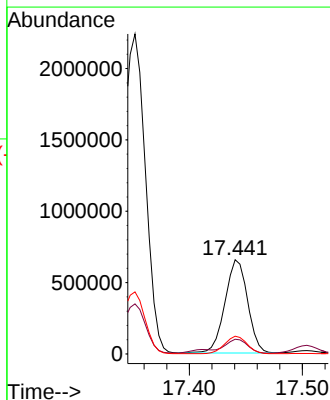
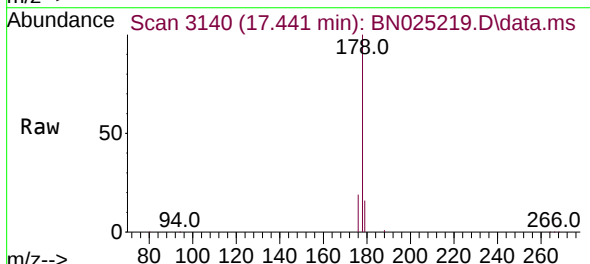
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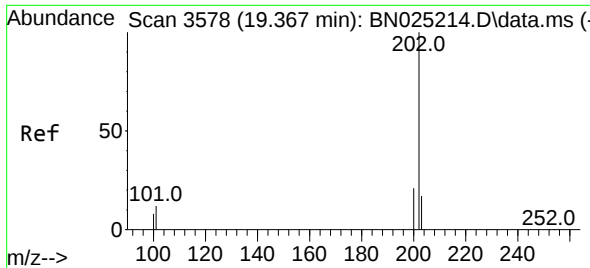
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#16
Anthracene
Concen: 10.317 ng/ul
RT: 17.441 min Scan# 3140
Delta R.T. -0.003 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

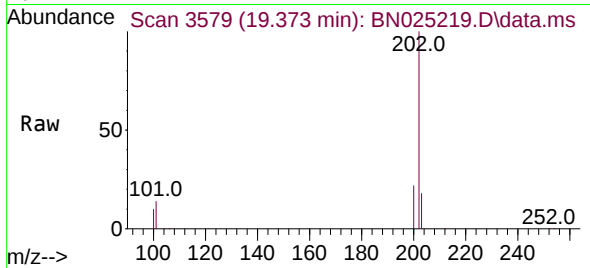
Tgt Ion:178 Resp: 907137
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 18.8 15.3 22.9





#19
Fluoranthene
Concen: 67.648 ng/u1
RT: 19.373 min Scan# 3579
Delta R.T. 0.006 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

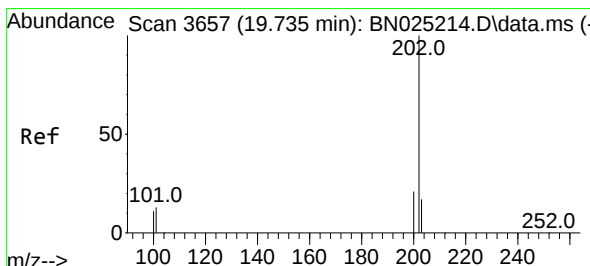
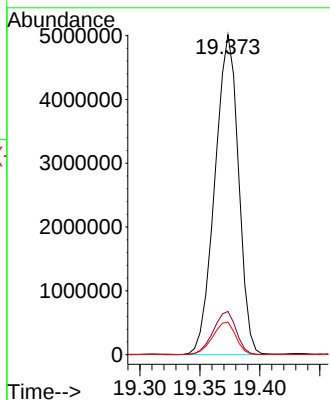
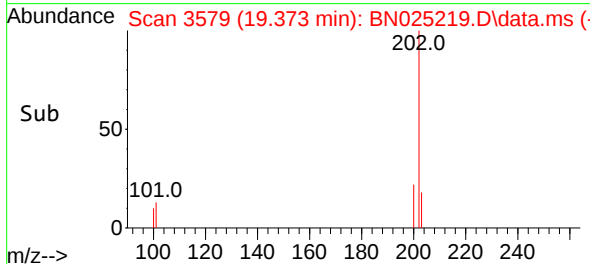
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Tgt Ion:202 Resp: 6855170
Ion Ratio Lower Upper
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101 13.5 9.7 14.5
100 10.2 7.3 10.9

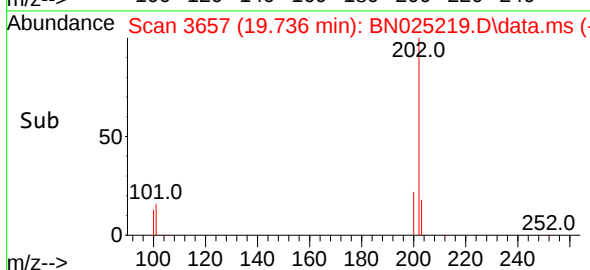
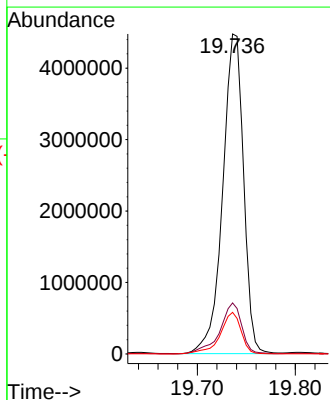
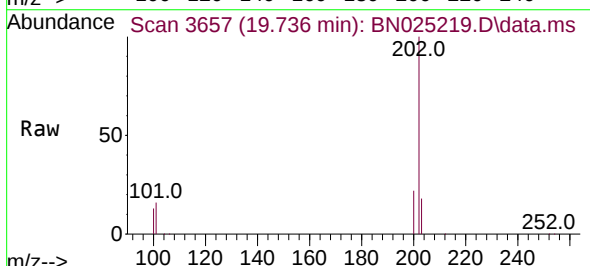
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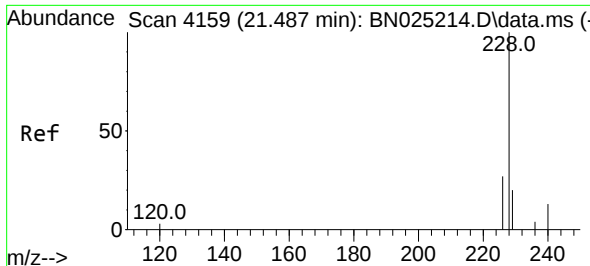
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#20
Pyrene
Concen: 63.667 ng/u1
RT: 19.736 min Scan# 3657
Delta R.T. 0.001 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

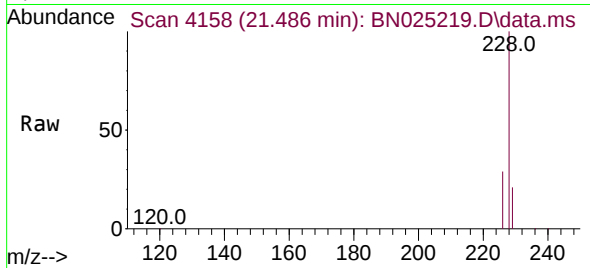
Tgt Ion:202 Resp: 6628817
Ion Ratio Lower Upper
202 100
101 15.9 11.3 16.9
100 13.0 9.2 13.8





#21
Benzo(a)anthracene
Concen: 40.771 ng/ul
RT: 21.486 min Scan# 4159
Delta R.T. -0.001 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

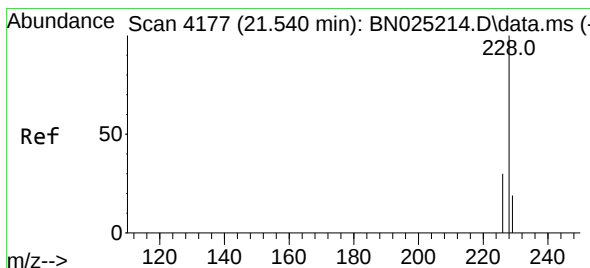
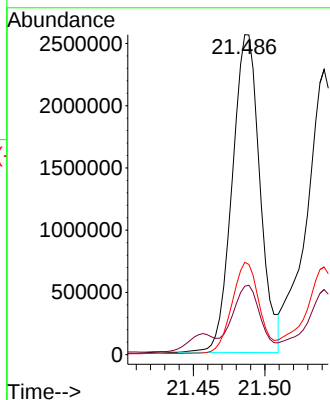
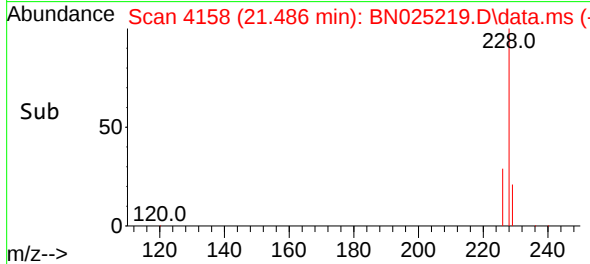
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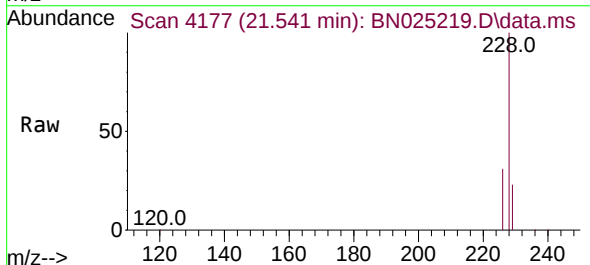
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Ion Ratio Lower Upper
228 100
229 21.4 15.6 23.4
226 28.9 22.1 33.1

Manual Integrations
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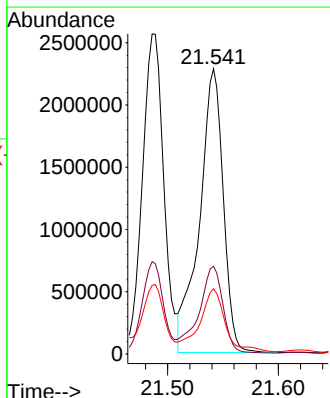
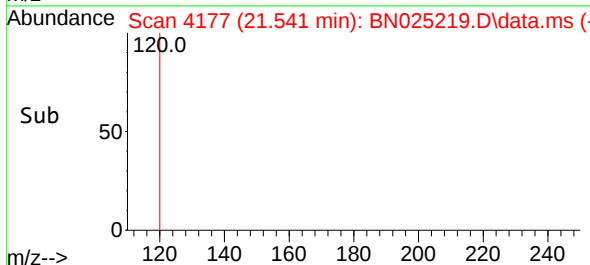
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

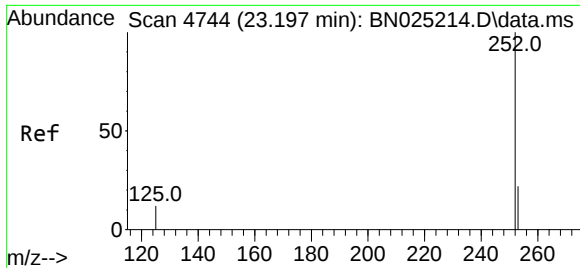


#22
Chrysene
Concen: 36.836 ng/ul
RT: 21.541 min Scan# 4177
Delta R.T. 0.001 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24



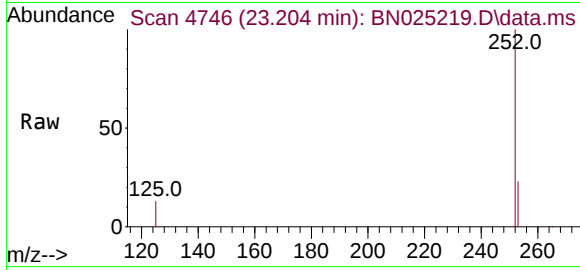
Tgt Ion:228 Resp: 3393190
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 22.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 34.114 ng/ul m
RT: 23.204 min Scan# 4746
Delta R.T. 0.007 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

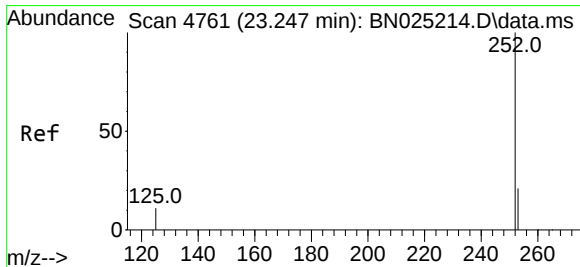
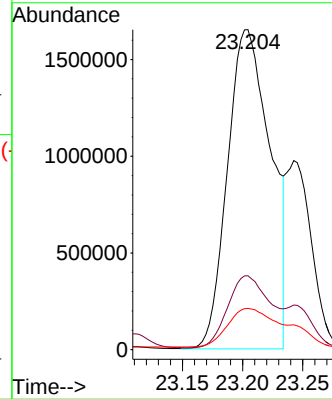
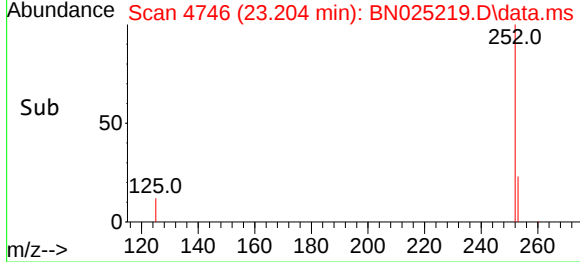
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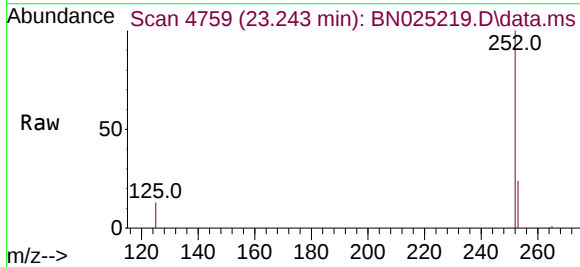
Tgt Ion:252 Resp: 411761
Ion Ratio Lower Upper
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253 23.1 0.0 50.2
125 12.9 0.0 30.4

Manual Integrations
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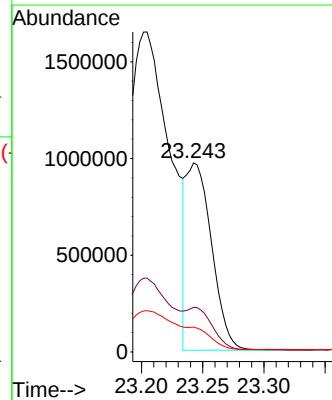
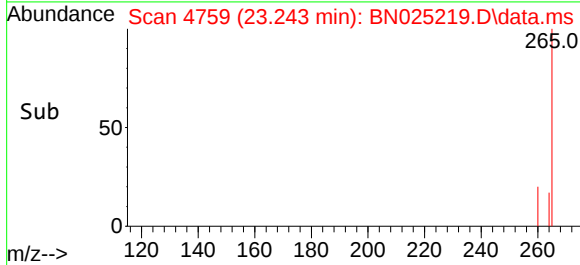
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

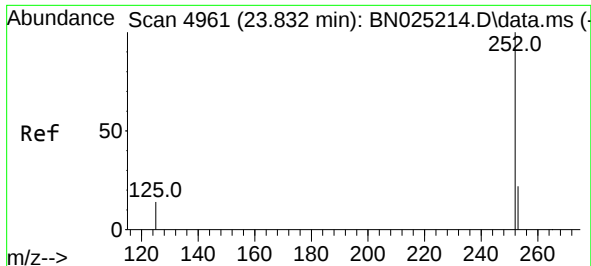


#25
Benzo(k)fluoranthene
Concen: 12.076 ng/ul m
RT: 23.243 min Scan# 4759
Delta R.T. -0.004 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24



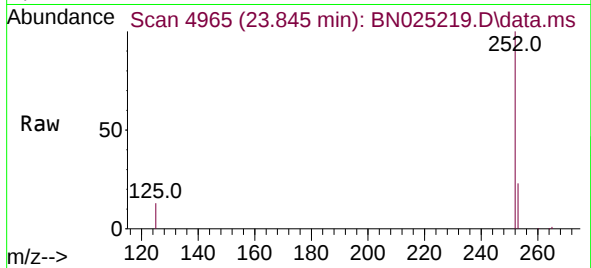
Tgt Ion:252 Resp: 1402025
Ion Ratio Lower Upper
252 100
253 23.6 20.2 30.4
125 13.1 11.8 17.8





#26
Benzo(a)pyrene
Concen: 30.650 ng/ul
RT: 23.845 min Scan# 4961
Delta R.T. 0.013 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

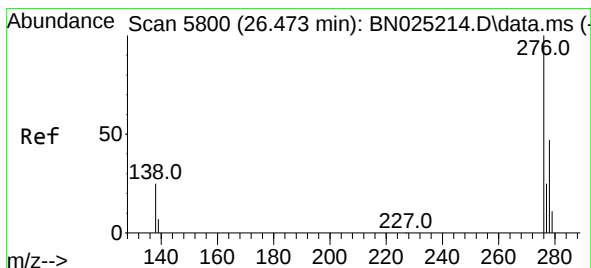
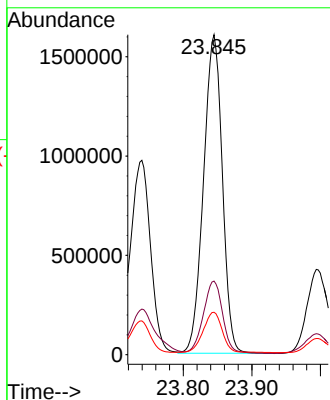
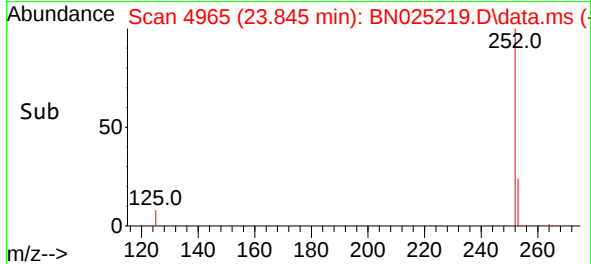
Instrument :
BNA_N
ClientSampleId :
EW927



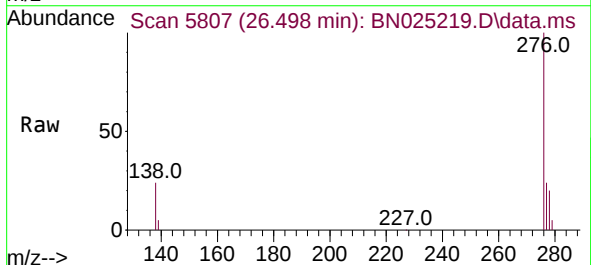
Tgt Ion:252 Resp: 306099
Ion Ratio Lower Upper
252 100
253 23.0 21.4 32.2
125 13.3 14.6 22.0

Manual Integrations
APPROVED

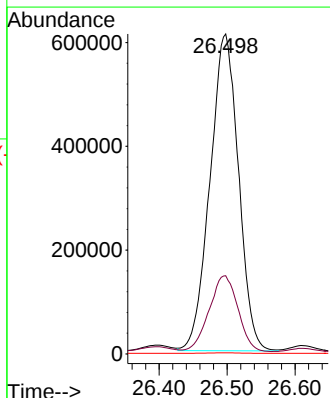
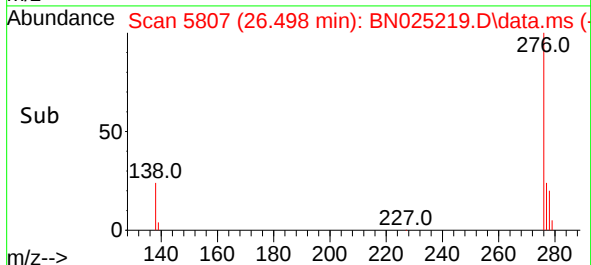
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

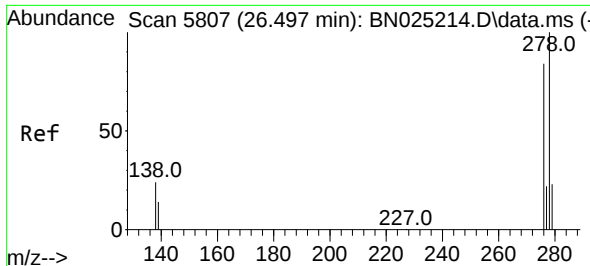


#27
Indeno(1,2,3-cd)pyrene
Concen: 15.456 ng/ul
RT: 26.498 min Scan# 5807
Delta R.T. 0.025 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24



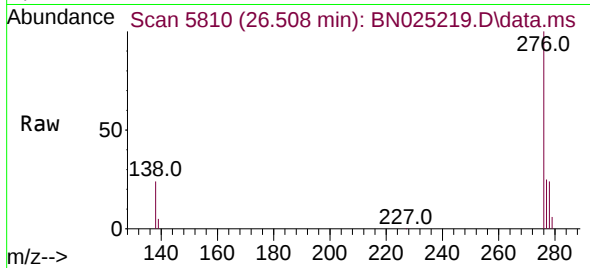
Tgt Ion:276 Resp: 1778509
Ion Ratio Lower Upper
276 100
138 24.1 21.9 32.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 4.499 ng/ul
RT: 26.508 min Scan# 5810
Delta R.T. 0.011 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24

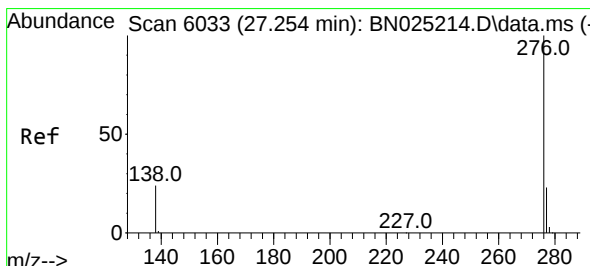
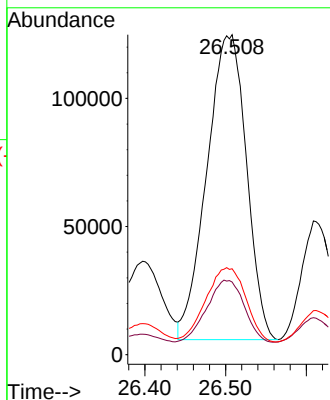
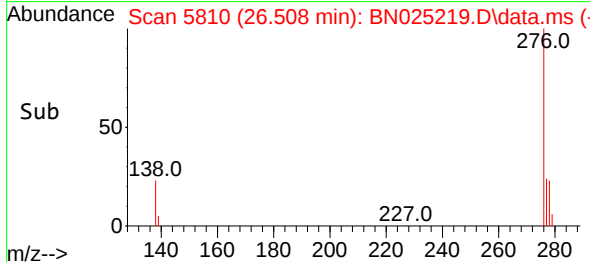
Instrument :
BNA_N
ClientSampleId :
EW927



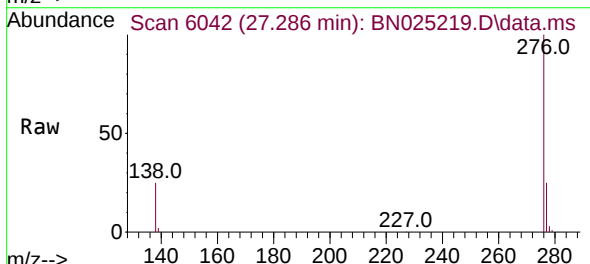
Tgt Ion:278 Resp: 404390
Ion Ratio Lower Upper
278 100
139 22.7 17.0 25.6
279 26.9 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#29
Benzo(g,h,i)perylene
Concen: 15.545 ng/ul
RT: 27.286 min Scan# 6042
Delta R.T. 0.032 min
Lab File: BN025219.D
Acq: 02 May 2023 14:24



Tgt Ion:276 Resp: 1520928
Ion Ratio Lower Upper
276 100
138 25.0 20.3 30.5
277 24.6 19.8 29.6

