

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025246.D
 Acq On : 03 May 2023 19:07
 Operator : CG/JU
 Sample : 02447-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW937

Manual Integrations
 APPROVED

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

Quant Time: May 04 04:30:38 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 : Wed May 03 15:28:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	12344	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	39386	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.562	164	33836	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	47373	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.489	240	28751	0.400	ng/ul	#-0.02
23) Perylene-d12	23.982	264	53905m	0.400	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	36812	2.880	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	14617	0.289	ng/ul	0.00
18) Fluoranthene-d10	19.299	212	146972	1.938	ng/ul	-0.04
Target Compounds					Qvalue	
5) Naphthalene	10.776	128	1693767	16.783	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	785775	12.712	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	779467	11.831	ng/ul	99
10) Acenaphthylene	14.284	152	3139258	24.905	ng/ul	99
11) Acenaphthene	14.627	153	3328145	31.323	ng/ul	97
12) Fluorene	15.617	166	4042397	34.033	ng/ul	99
14) Pentachlorophenol	16.985	266	2412	0.259	ng/ul	98
15) Phenanthrene	17.360	178	29709507	222.183	ng/ul	95
16) Anthracene	17.462	178	14990761	137.040	ng/ul	95
19) Fluoranthene	19.387	202	38669852m	371.936	ng/ul	
20) Pyrene	19.755	202	35588433m	333.155	ng/ul	
21) Benzo(a)anthracene	21.515	228	26475083	305.585	ng/ul#	73
22) Chrysene	21.576	228	24689704m	261.238	ng/ul	
24) Benzo(b)fluoranthene	23.257	252	38845911m	177.623	ng/ul	
25) Benzo(k)fluoranthene	23.313	252	13049465m	62.033	ng/ul	
26) Benzo(a)pyrene	23.912	252	29485515m	162.950	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.612	276	24088389m	115.540	ng/ul	
28) Dibenzo(a,h)anthracene	26.595	278	6862303	42.139	ng/ul	98
29) Benzo(g,h,i)perylene	27.407	276	20636999m	116.412	ng/ul	

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

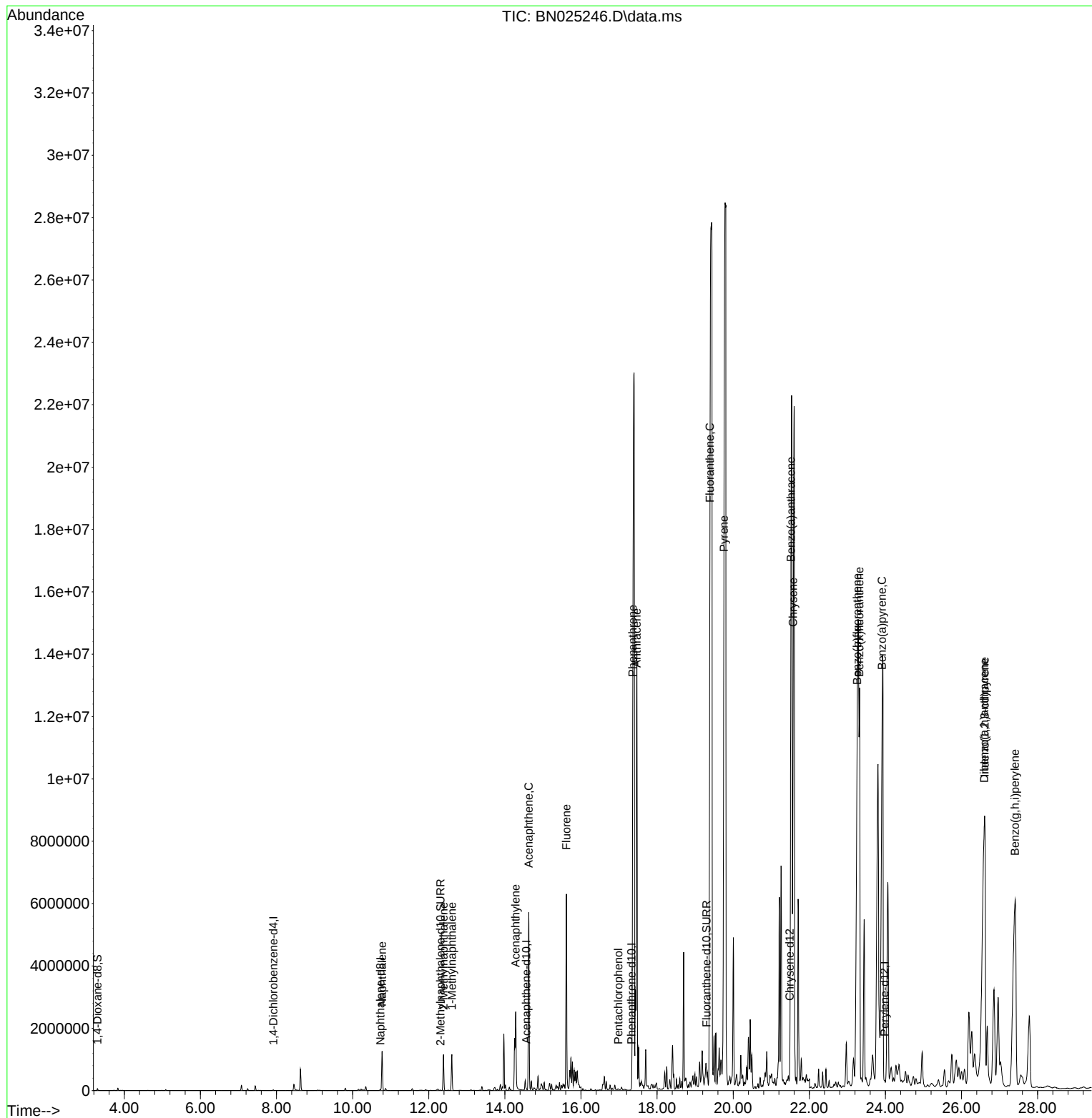
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025246.D
Acq On : 03 May 2023 19:07
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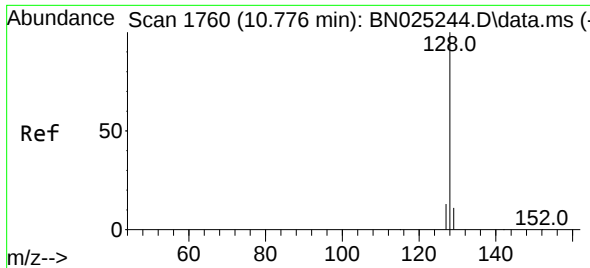
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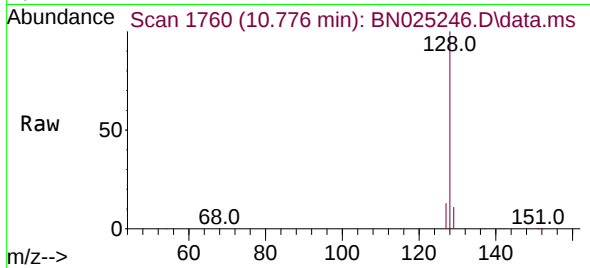
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 16.783 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.007 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07

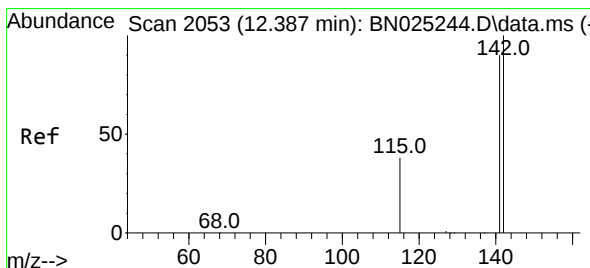
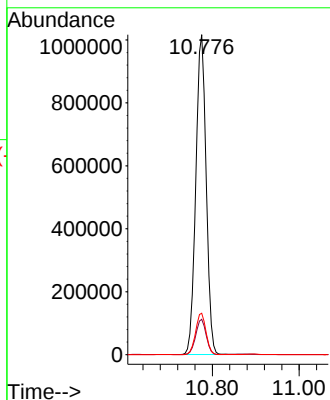
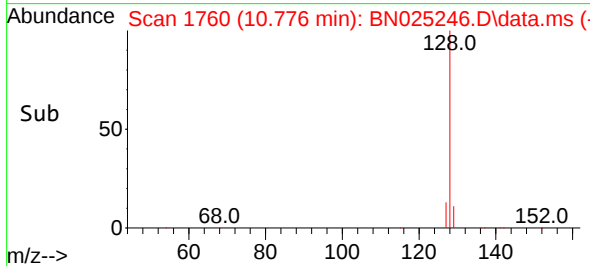
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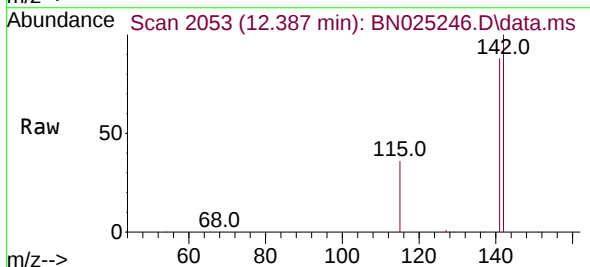
Tgt Ion:128 Resp: 169376
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.0 10.7 16.1

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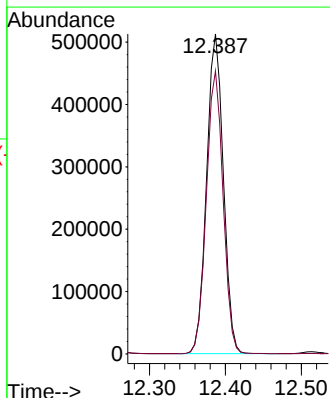
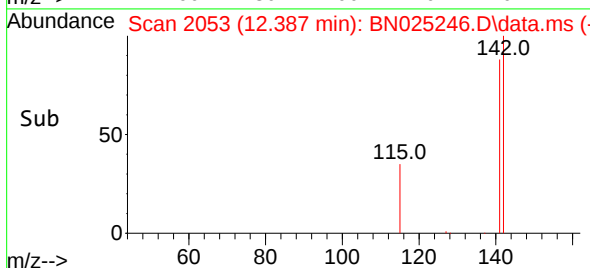
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

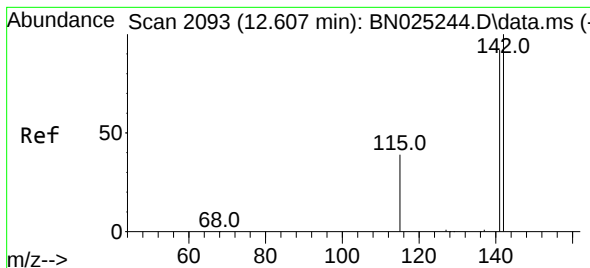


#7
2-Methylnaphthalene
Concen: 12.712 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07



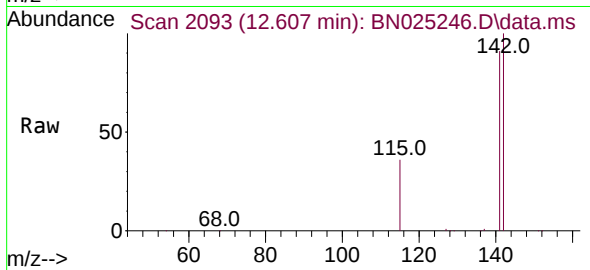
Tgt Ion:142 Resp: 785775
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.0





#8
1-Methylnaphthalene
Concen: 11.831 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07

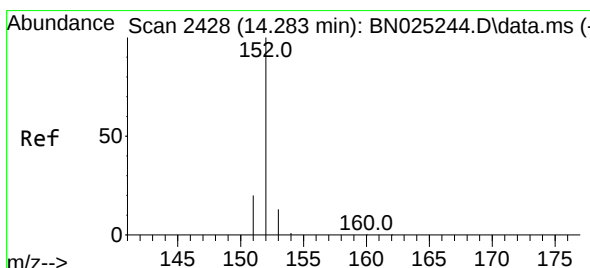
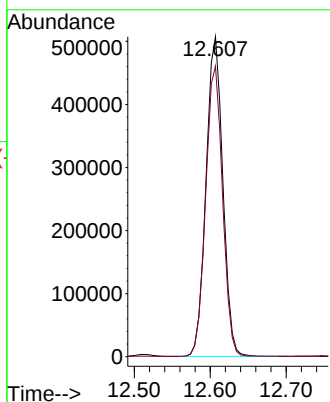
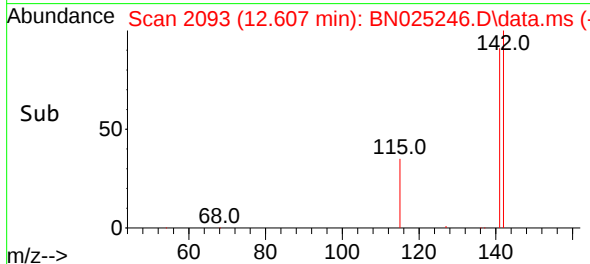
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Tgt Ion:142 Resp: 77946
Ion Ratio Lower Upper
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141 91.2 73.8 110.6

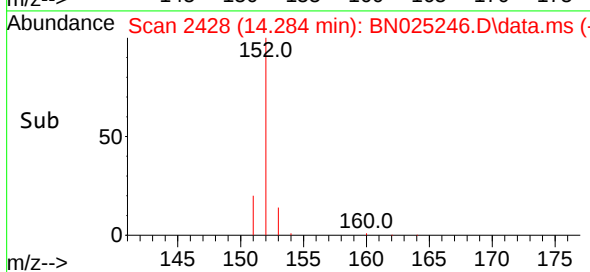
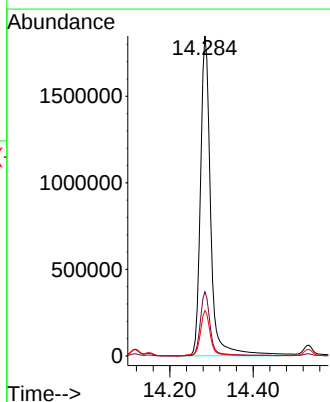
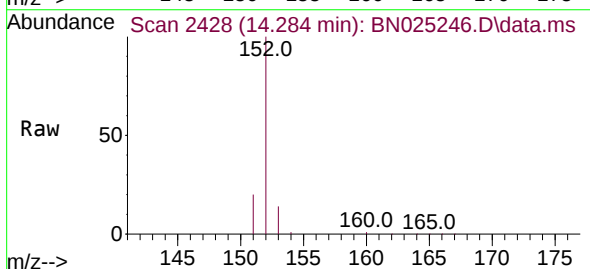
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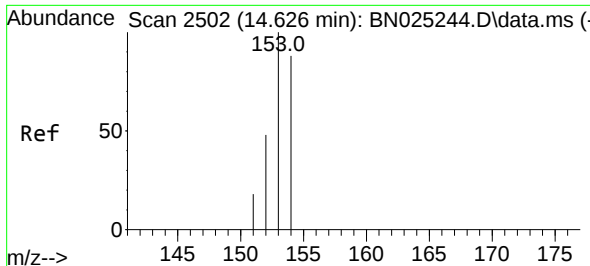
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#10
Acenaphthylene
Concen: 24.905 ng/ul
RT: 14.284 min Scan# 2428
Delta R.T. 0.006 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07

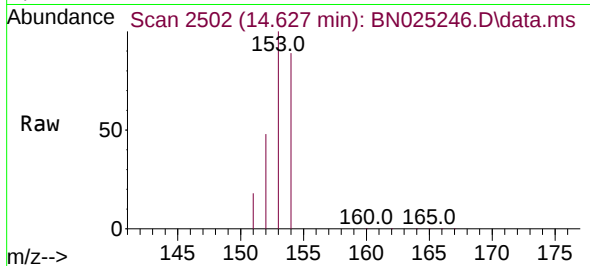
Tgt Ion:152 Resp: 3139258
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 14.2 10.8 16.2





#11
Acenaphthene
Concen: 31.323 ng/u1
RT: 14.627 min Scan# 2502
Delta R.T. 0.006 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07

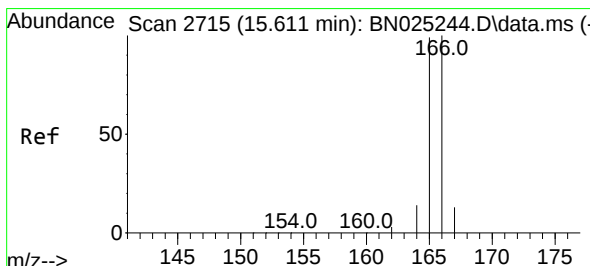
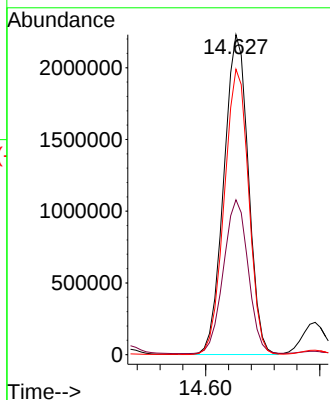
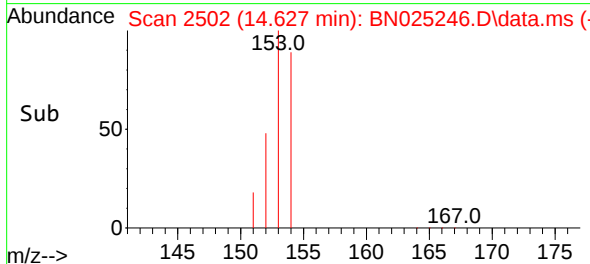
Instrument :
BNA_N
ClientSampleId :
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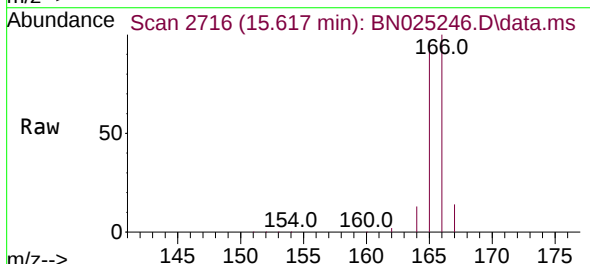
Tgt Ion:153 Resp: 332814
Ion Ratio Lower Upper
153 100
152 48.4 40.2 60.4
154 89.2 69.4 104.2

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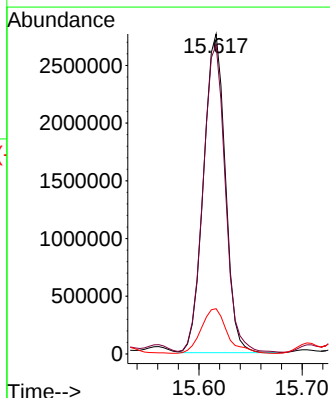
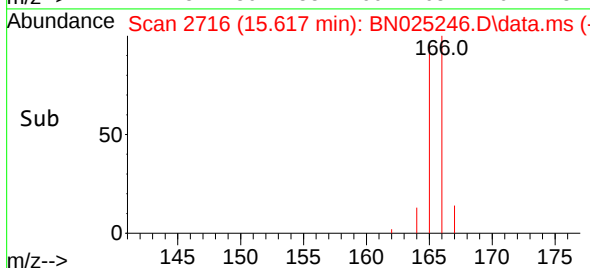
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

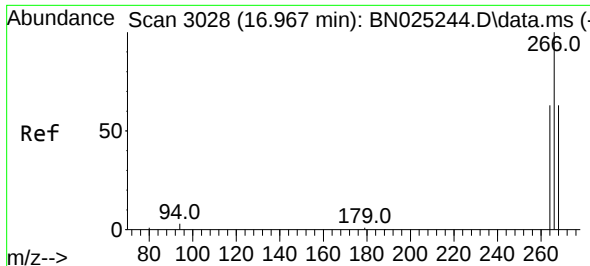


#12
Fluorene
Concen: 34.033 ng/u1
RT: 15.617 min Scan# 2716
Delta R.T. 0.006 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07



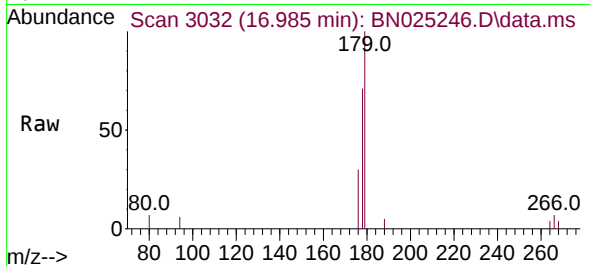
Tgt Ion:166 Resp: 4042397
Ion Ratio Lower Upper
166 100
165 96.6 78.1 117.1
167 14.1 11.0 16.6





#14
Pentachlorophenol
Concen: 0.259 ng/ul
RT: 16.985 min Scan# 3028
Delta R.T. 0.019 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07

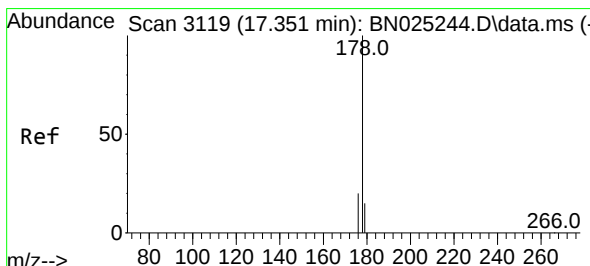
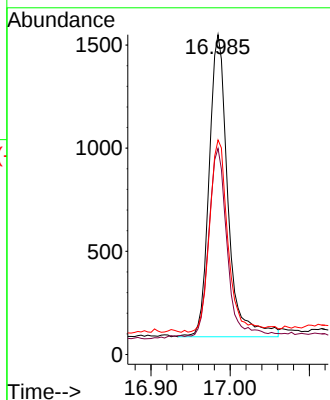
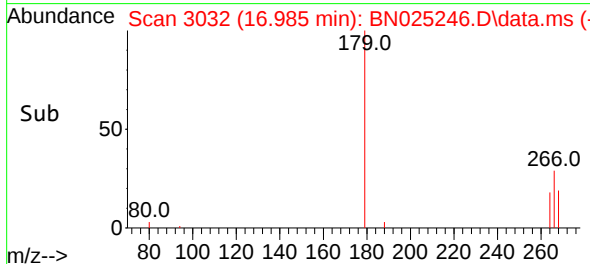
Instrument :
BNA_N
ClientSampleId :
EW937



Tgt Ion:266 Resp: 241
Ion Ratio Lower Upper
266 100
264 60.5 49.6 74.4
268 63.1 51.3 76.9

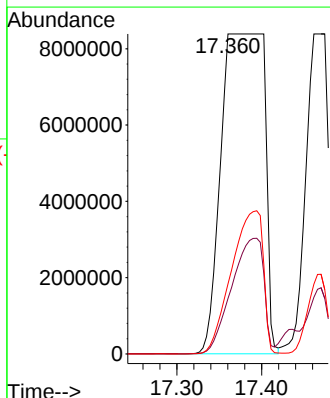
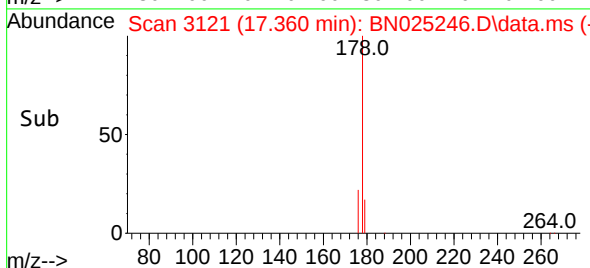
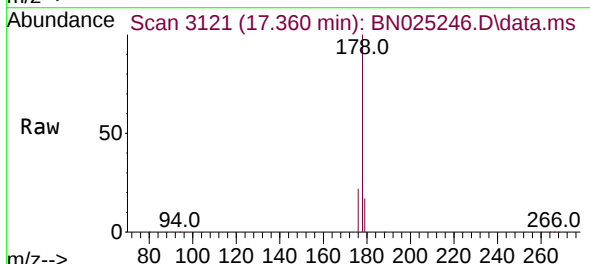
Manual Integrations
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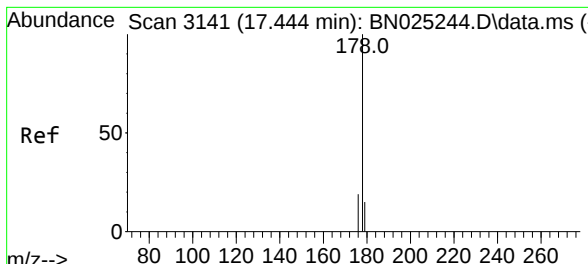
Reviewed By :Christian Giraldo 05/04/2023
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#15
Phenanthrene
Concen: 222.183 ng/ul
RT: 17.360 min Scan# 3121
Delta R.T. 0.010 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07

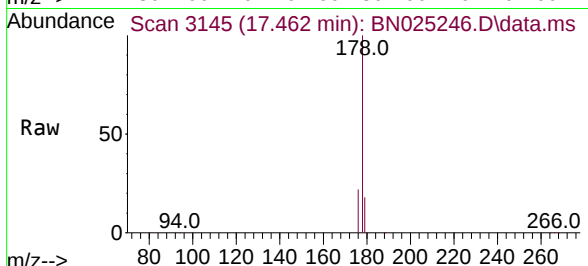
Tgt Ion:178 Resp:29709507
Ion Ratio Lower Upper
178 100
179 17.3 12.5 18.7
176 21.9 15.6 23.4





#16
 Anthracene
 Concen: 137.040 ng/ul
 RT: 17.462 min Scan# 3145
 Delta R.T. 0.019 min
 Lab File: BN025246.D
 Acq: 03 May 2023 19:07

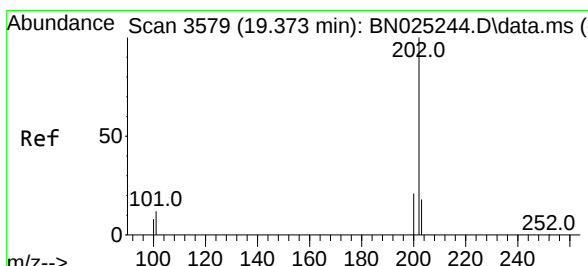
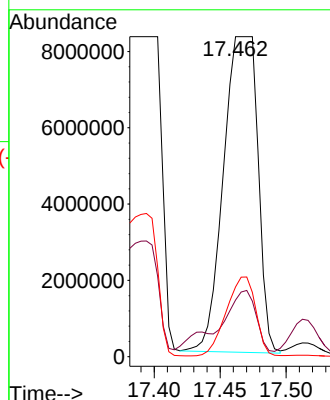
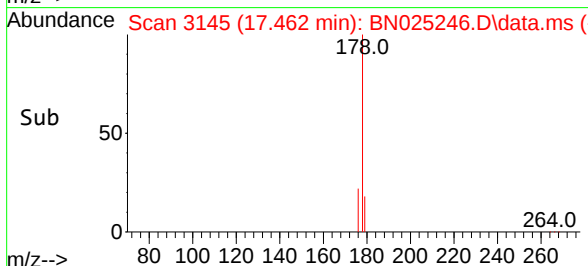
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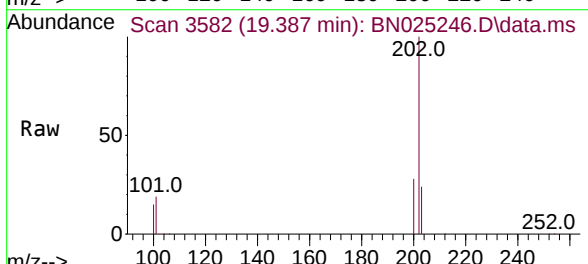
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 Ion Ratio Lower Upper
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 179 17.7 12.7 19.1
 176 21.8 15.3 22.9

Manual Integrations
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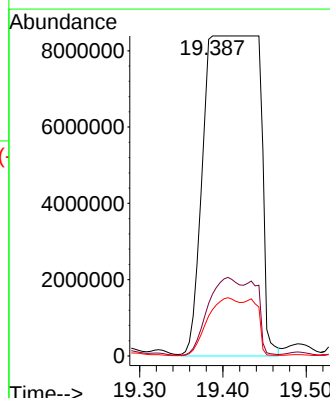
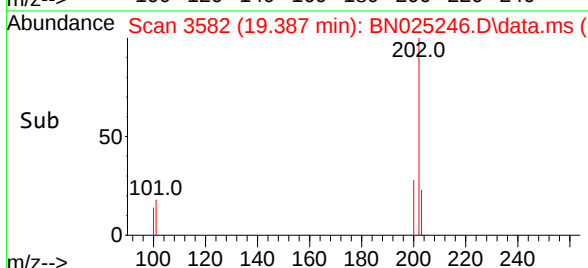
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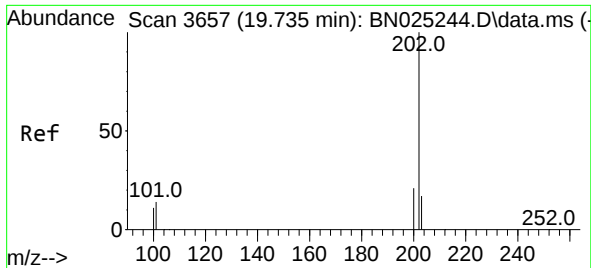


#19
 Fluoranthene
 Concen: 371.936 ng/ul m
 RT: 19.387 min Scan# 3582
 Delta R.T. 0.016 min
 Lab File: BN025246.D
 Acq: 03 May 2023 19:07



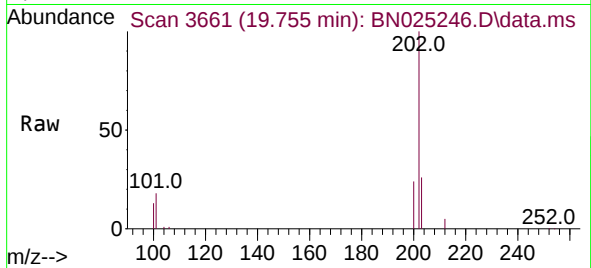
Tgt Ion:202 Resp:38669852
 Ion Ratio Lower Upper
 202 100
 101 19.4 9.7 14.5#
 100 14.5 7.3 10.9#





#20
Pyrene
Concen: 333.155 ng/ul m
RT: 19.755 min Scan# 3661
Delta R.T. 0.021 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07

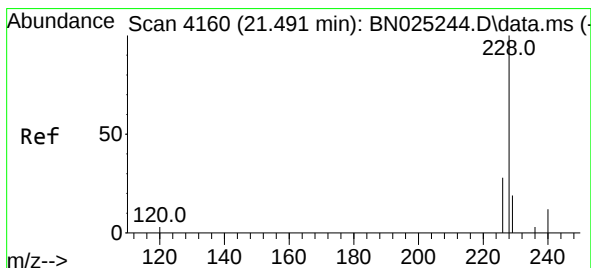
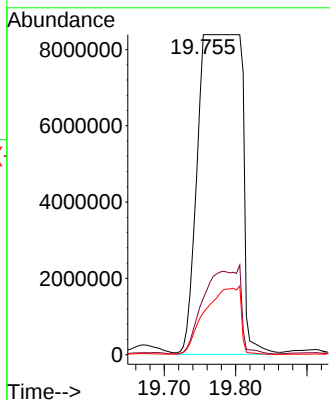
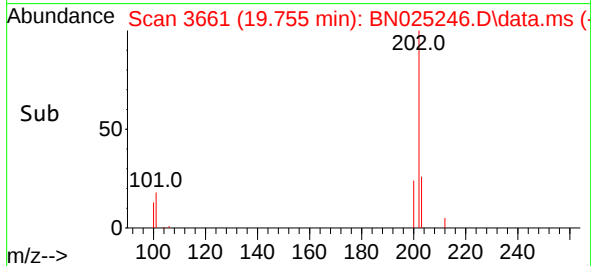
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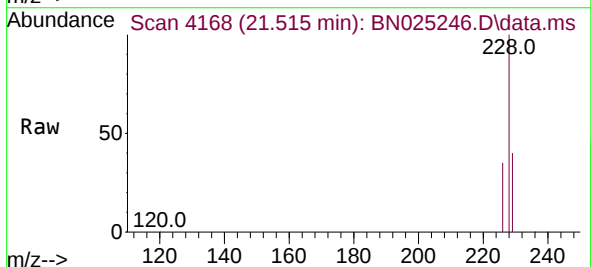
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Ion Ratio Lower Upper
202 100
101 17.6 11.3 16.9#
100 13.1 9.2 13.8

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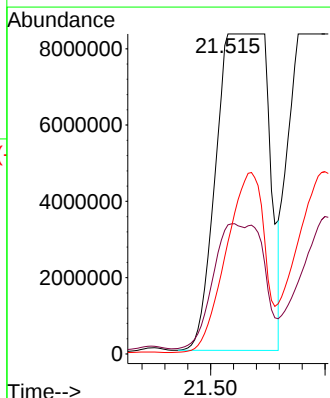
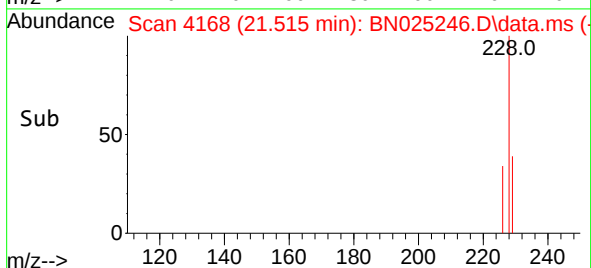
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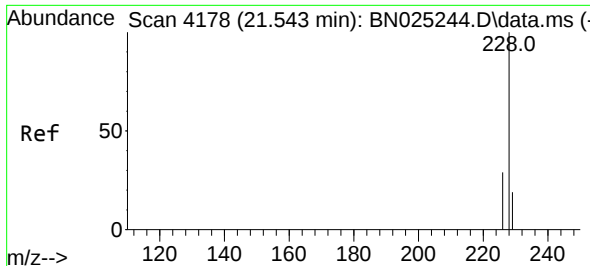


#21
Benzo(a)anthracene
Concen: 305.585 ng/ul
RT: 21.515 min Scan# 4168
Delta R.T. 0.028 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07



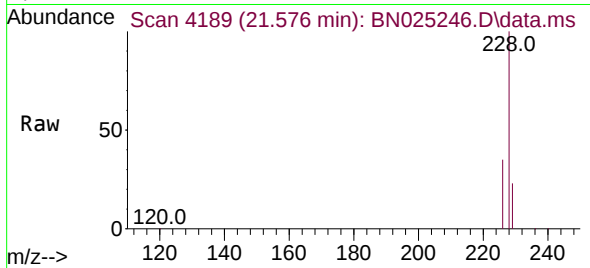
Tgt Ion:228 Resp:26475083
Ion Ratio Lower Upper
228 100
229 40.4 15.6 23.4#
226 35.0 22.1 33.1#





#22
Chrysene
Concen: 261.238 ng/ul m
RT: 21.576 min Scan# 4189
Delta R.T. 0.037 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07

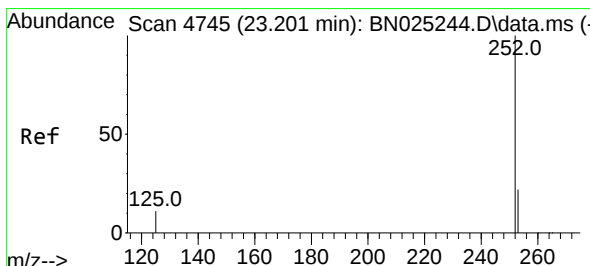
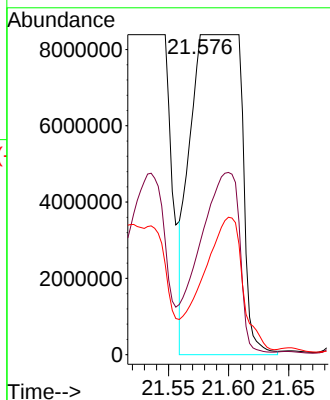
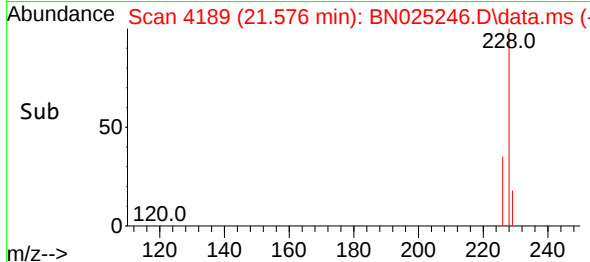
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp:24689704
Ion Ratio Lower Upper
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226 35.3 24.5 36.7
229 22.6 15.8 23.6

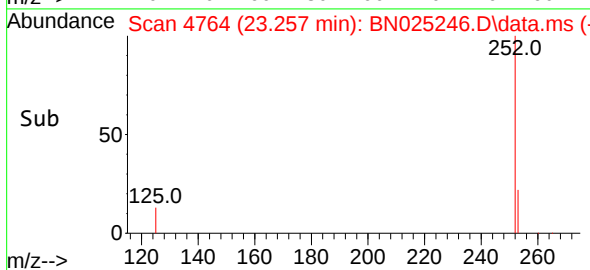
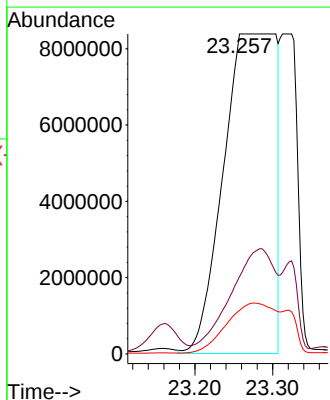
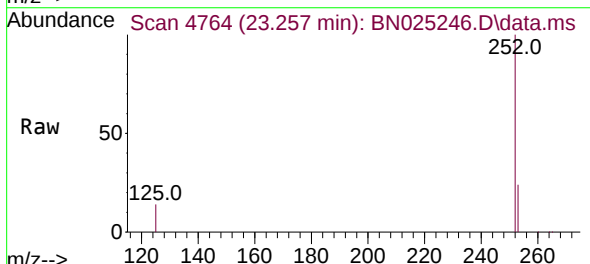
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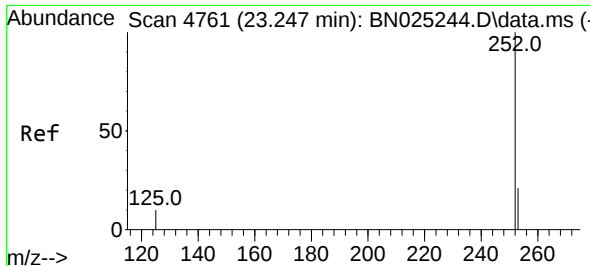
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#24
Benzo(b)fluoranthene
Concen: 177.623 ng/ul m
RT: 23.257 min Scan# 4764
Delta R.T. 0.061 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07

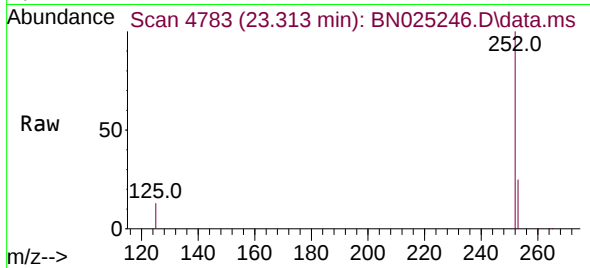
Tgt Ion:252 Resp:38845911
Ion Ratio Lower Upper
252 100
253 24.2 0.0 50.2
125 13.6 0.0 30.4





#25
Benzo(k)fluoranthene
Concen: 62.033 ng/ul m
RT: 23.313 min Scan# 41
Delta R.T. 0.066 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07

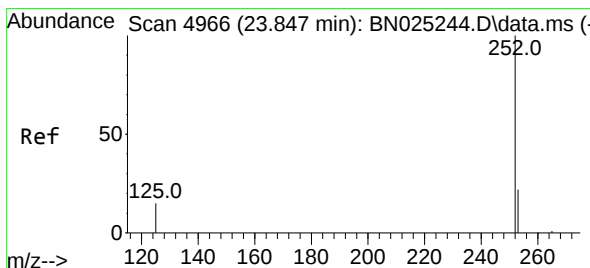
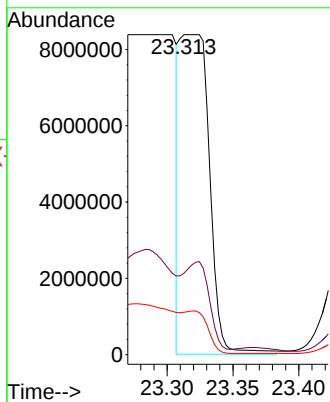
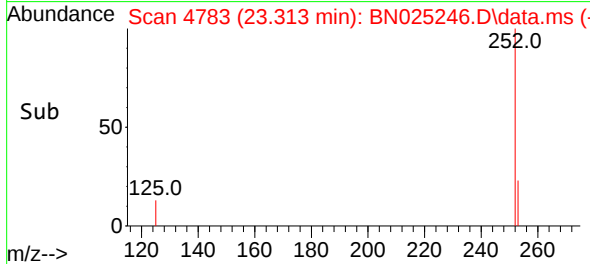
Instrument :
BNA_N
ClientSampleId :
EW937



Tgt Ion:252 Resp:1304946
Ion Ratio Lower Upper
252 100
253 25.4 20.2 30.4
125 13.3 11.8 17.8

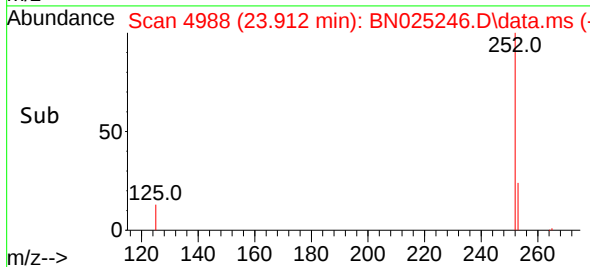
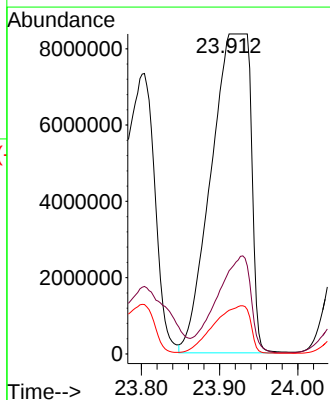
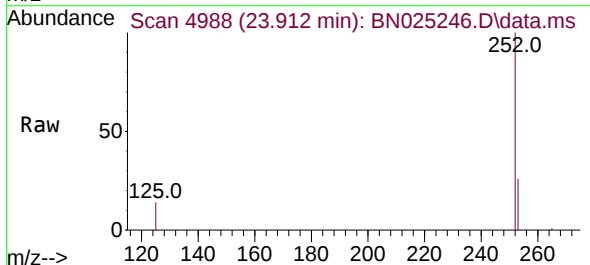
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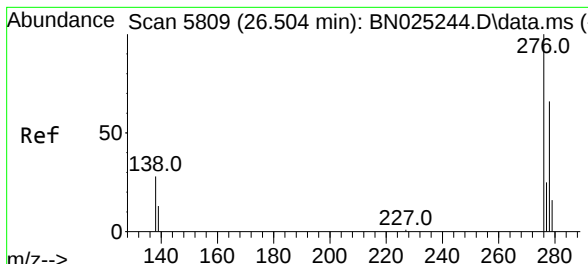
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#26
Benzo(a)pyrene
Concen: 162.950 ng/ul m
RT: 23.912 min Scan# 4988
Delta R.T. 0.084 min
Lab File: BN025246.D
Acq: 03 May 2023 19:07

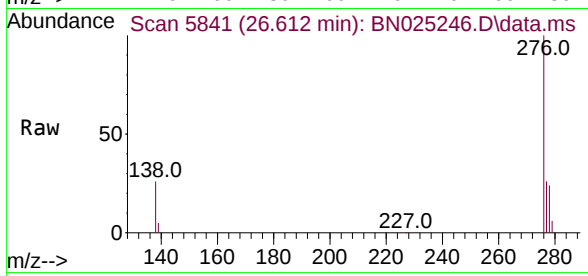
Tgt Ion:252 Resp:29485515
Ion Ratio Lower Upper
252 100
253 26.0 21.4 32.2
125 13.6 14.6 22.0#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 115.540 ng/ul m
 RT: 26.612 min Scan# 5841
 Delta R.T. 0.136 min
 Lab File: BN025246.D
 Acq: 03 May 2023 19:07

Instrument :
 BNA_N
 ClientSampleId :
 EW937

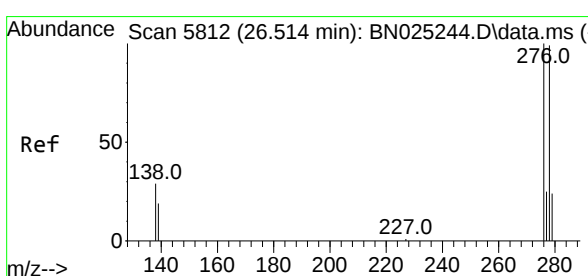
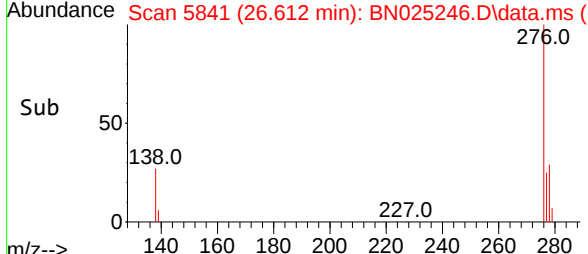
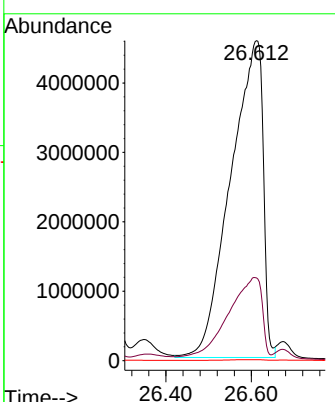


Tgt Ion: 276 Resp: 2408838

Ion	Ratio	Lower	Upper
276	100		
138	25.2	21.9	32.9
227	0.0	0.1	0.1

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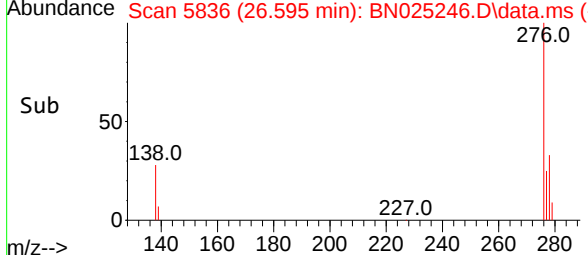
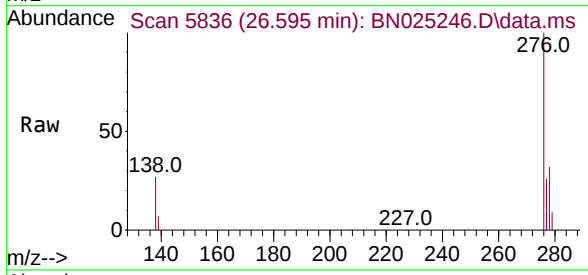
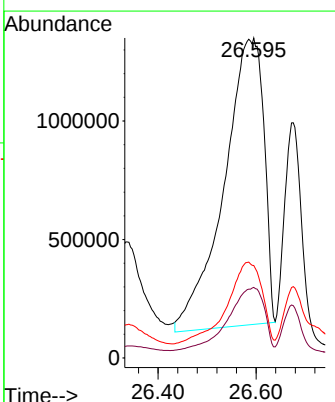
Reviewed By : Christian Giraldo 05/04/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

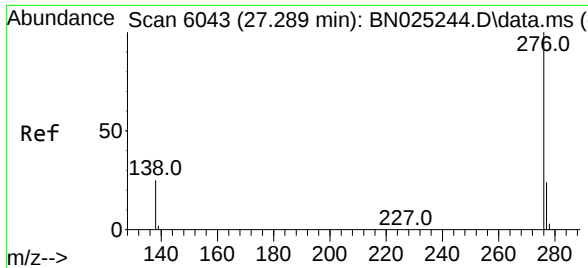


#28
 Dibenzo(a,h)anthracene
 Concen: 42.139 ng/ul
 RT: 26.595 min Scan# 5836
 Delta R.T. 0.103 min
 Lab File: BN025246.D
 Acq: 03 May 2023 19:07

Tgt Ion: 278 Resp: 6862303

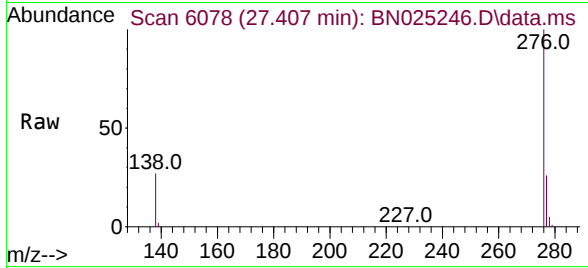
Ion	Ratio	Lower	Upper
278	100		
139	22.0	17.0	25.6
279	28.9	21.8	32.8





#29
 Benzo(g,h,i)perylene
 Concen: 116.412 ng/ul m
 RT: 27.407 min Scan# 60
 Delta R.T. 0.146 min
 Lab File: BN025246.D
 Acq: 03 May 2023 19:07

Instrument :
 BNA_N
 ClientSampleId :
 EW937



Tgt Ion:276 Resp:2063699

Ion	Ratio	Lower	Upper
276	100		
138	27.2	20.3	30.5
277	25.7	19.8	29.6

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

