

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025261.D
 Acq On : 04 May 2023 04:04
 Operator : CG/JU
 Sample : 02447-06DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW911DL

Manual Integrations
 APPROVED

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

Quant Time: May 04 06:29:11 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	7.921	152	7643	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	25271	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.566	164	14218	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	29965	0.400	ng/ul	0.01
17) Chrysene-d12	21.512	240	19883	0.400	ng/ul	# 0.00
23) Perylene-d12	23.947	264	19225	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	3680	0.465	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	1161	0.036	ng/ul	0.01
18) Fluoranthene-d10	19.350	212	2522	0.048	ng/ul	0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.289	152	10788	0.204	ng/ul	96
11) Acenaphthene	14.631	153	2330	0.052	ng/ul	95
12) Fluorene	15.616	166	3029	0.061	ng/ul#	93
15) Phenanthrene	17.360	178	47631	0.563	ng/ul	99
16) Anthracene	17.453	178	11290	0.163	ng/ul	96
19) Fluoranthene	19.378	202	125901	1.751	ng/ul	99
20) Pyrene	19.745	202	116448	1.576	ng/ul	99
21) Benzo(a)anthracene	21.495	228	54756	0.914	ng/ul	93
22) Chrysene	21.550	228	58821	0.900	ng/ul#	94
24) Benzo(b)fluoranthene	23.207	252	68676m	0.880	ng/ul	
25) Benzo(k)fluoranthene	23.251	252	22532m	0.300	ng/ul	
26) Benzo(a)pyrene	23.839	252	42563	0.660	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.481	276	27664	0.372	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.491	278	7090	0.122	ng/ul#	14
29) Benzo(g,h,i)perylene	27.269	276	26087	0.413	ng/ul#	82

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

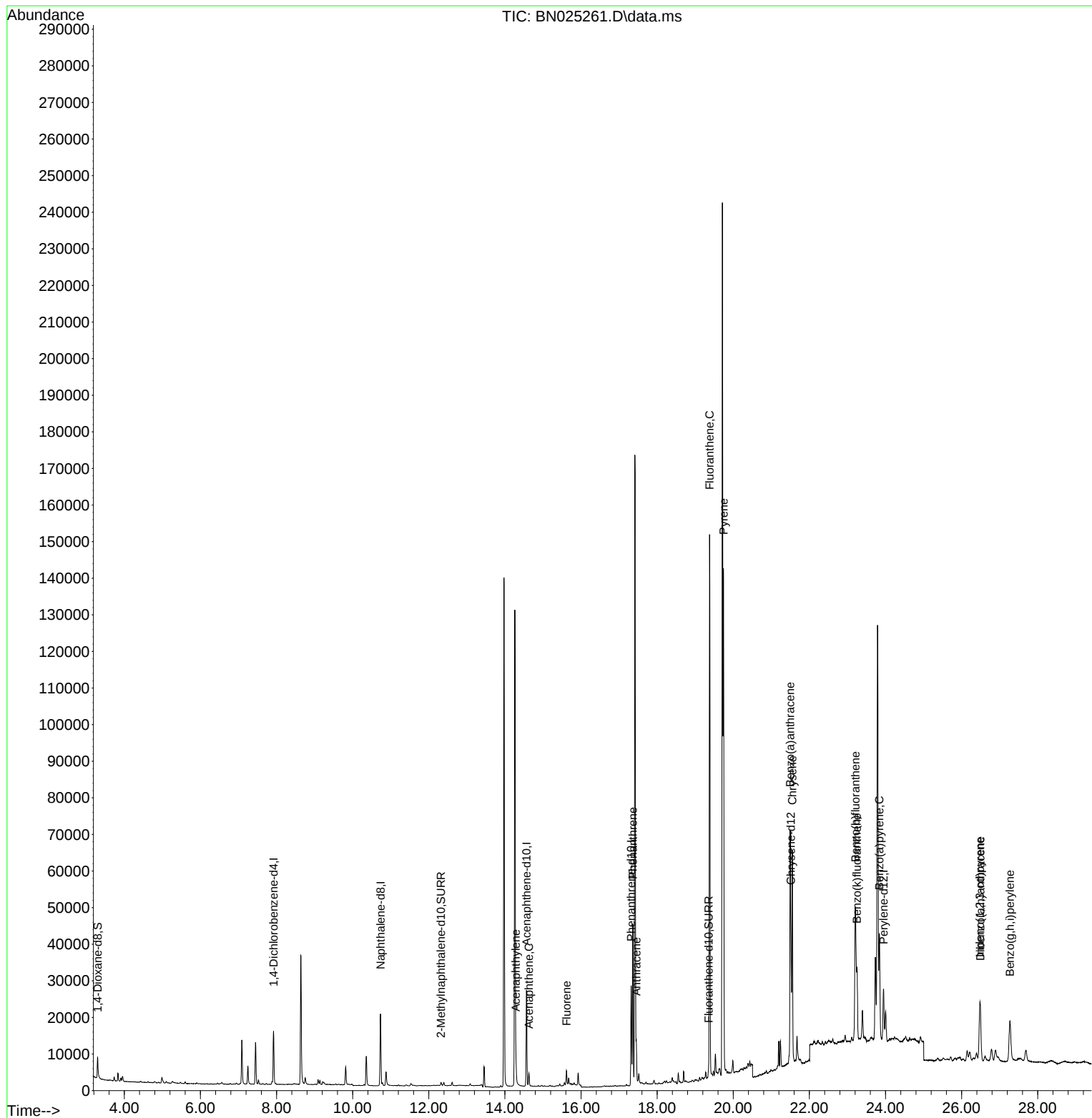
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025261.D
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ALS Vial : 29 Sample Multiplier: 1

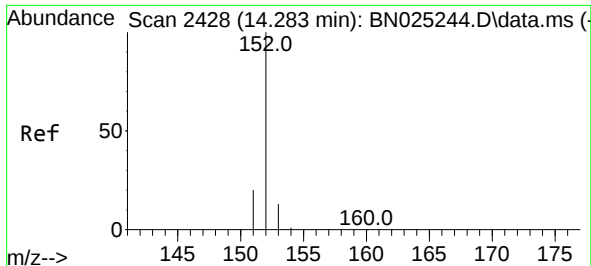
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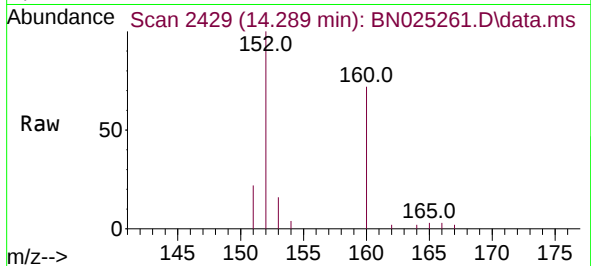
Quant Time: May 04 06:29:11 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
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#10
Acenaphthylene
Concen: 0.204 ng/u1
RT: 14.289 min Scan# 2428
Delta R.T. 0.011 min
Lab File: BN025261.D
Acq: 04 May 2023 04:04

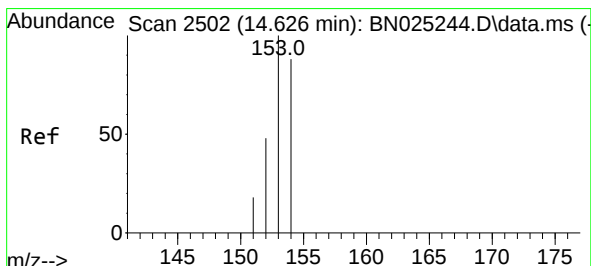
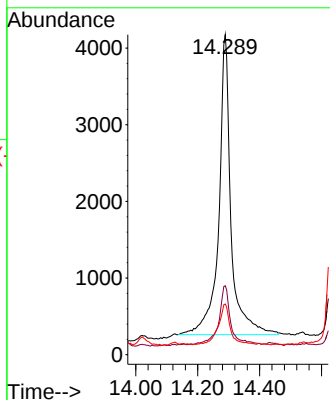
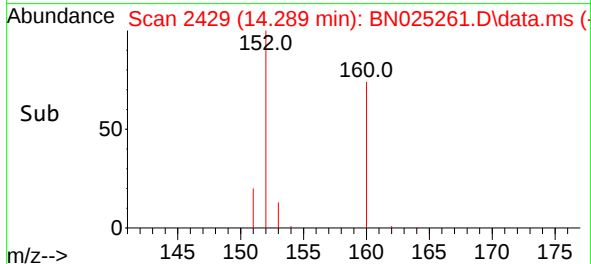
Instrument :
BNA_N
ClientSampleId :
EW911DL



Tgt Ion:152 Resp: 10788
Ion Ratio Lower Upper
152 100
151 21.5 16.0 24.0
153 15.9 10.8 16.2

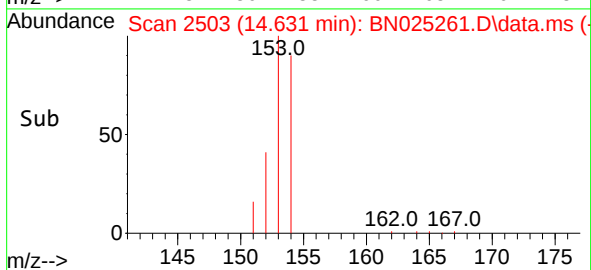
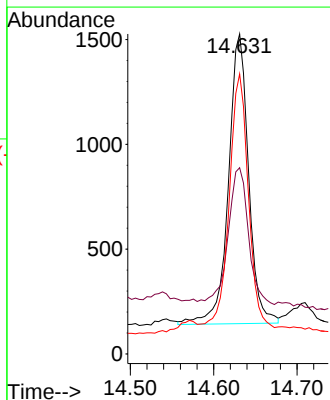
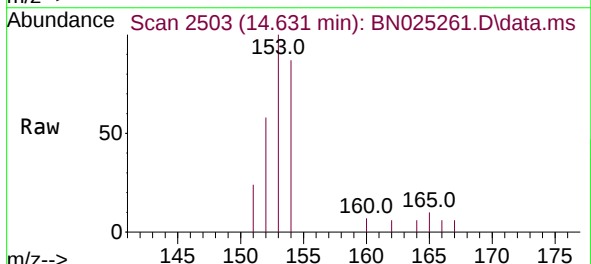
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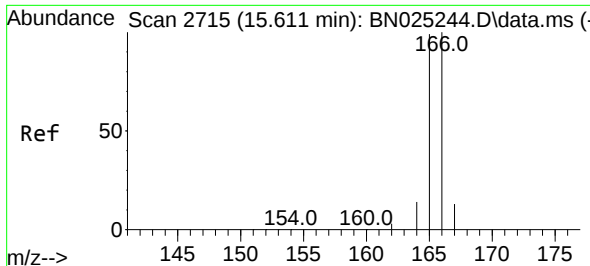
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#11
Acenaphthene
Concen: 0.052 ng/u1
RT: 14.631 min Scan# 2503
Delta R.T. 0.011 min
Lab File: BN025261.D
Acq: 04 May 2023 04:04

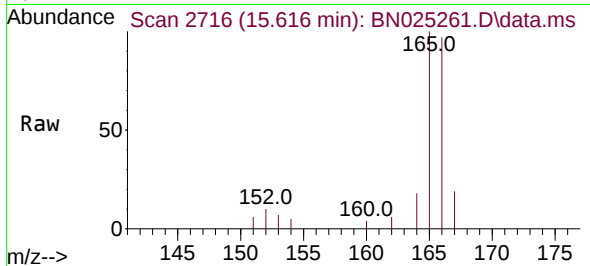
Tgt Ion:153 Resp: 2330
Ion Ratio Lower Upper
153 100
152 58.2 40.2 60.4
154 87.5 69.4 104.2





#12
Fluorene
Concen: 0.061 ng/u1
RT: 15.616 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN025261.D
Acq: 04 May 2023 04:04

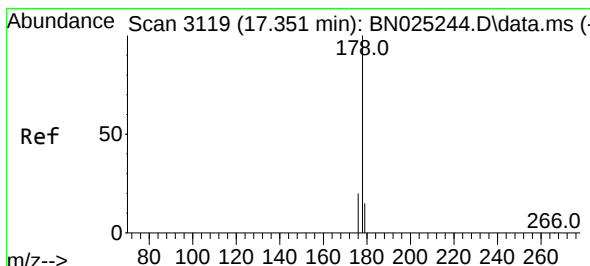
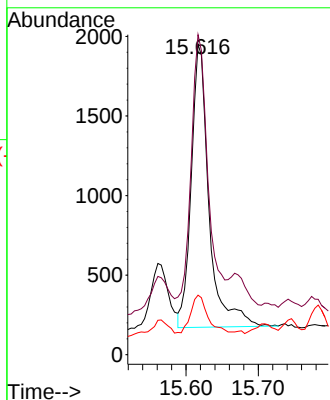
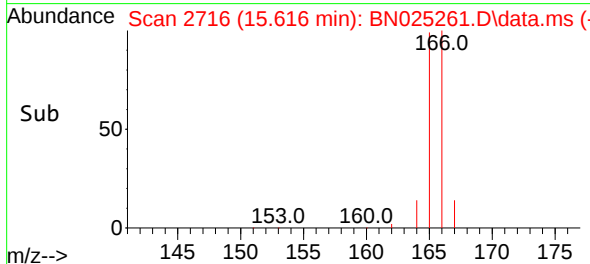
Instrument :
BNA_N
ClientSampleId :
EW911DL



Tgt Ion:166 Resp: 3029
Ion Ratio Lower Upper
166 100
165 103.1 78.1 117.1
167 19.2 11.0 16.6

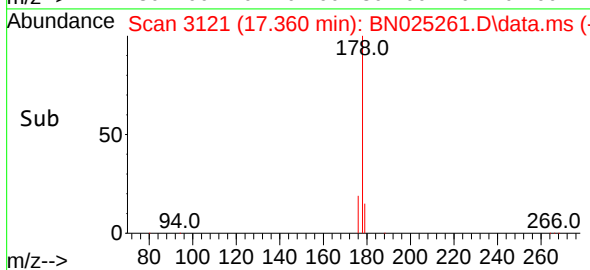
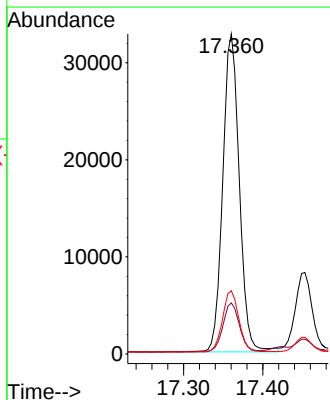
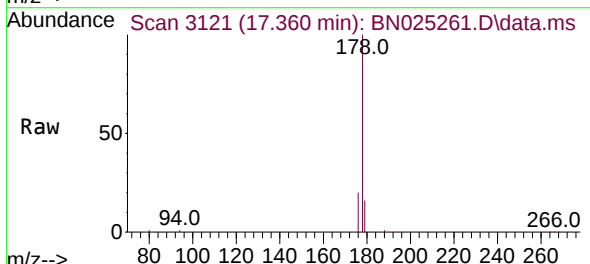
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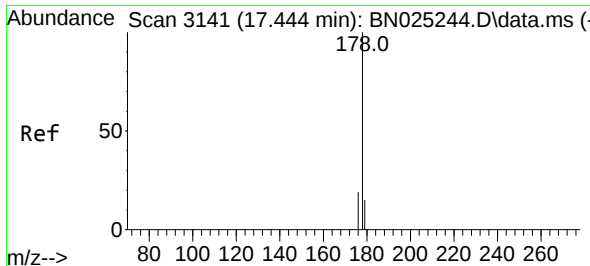
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#15
Phenanthrene
Concen: 0.563 ng/u1
RT: 17.360 min Scan# 3121
Delta R.T. 0.010 min
Lab File: BN025261.D
Acq: 04 May 2023 04:04

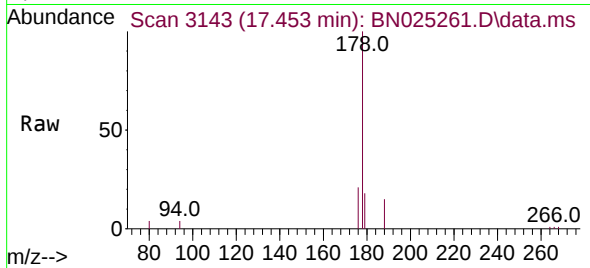
Tgt Ion:178 Resp: 47631
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 19.7 15.6 23.4





#16
 Anthracene
 Concen: 0.163 ng/ul
 RT: 17.453 min Scan# 3143
 Delta R.T. 0.010 min
 Lab File: BN025261.D
 Acq: 04 May 2023 04:04

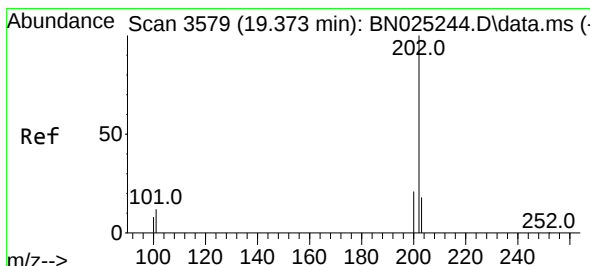
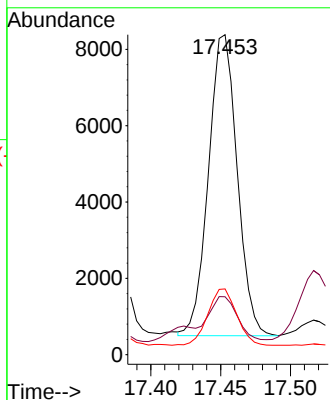
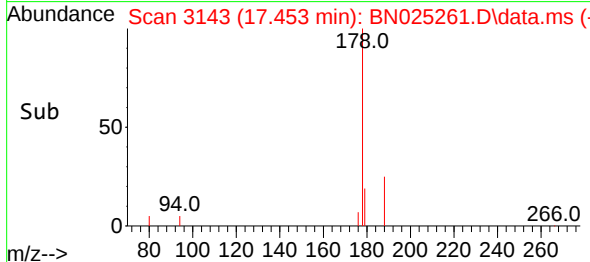
Instrument :
 BNA_N
 ClientSampleId :
 EW911DL



Tgt Ion:178 Resp: 11290
 Ion Ratio Lower Upper
 178 100
 179 18.1 12.7 19.1
 176 20.5 15.3 22.9

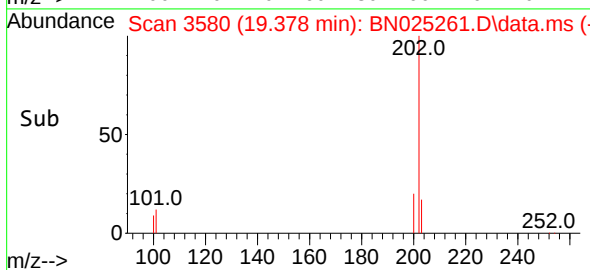
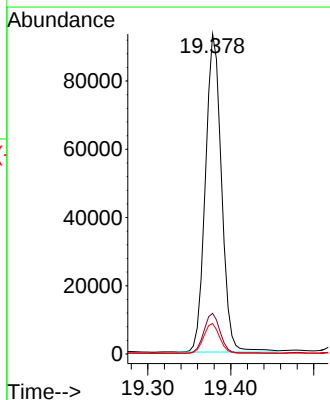
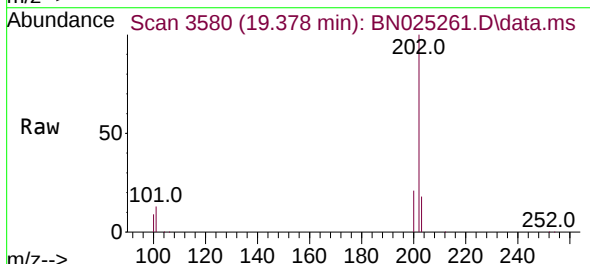
Manual Integrations
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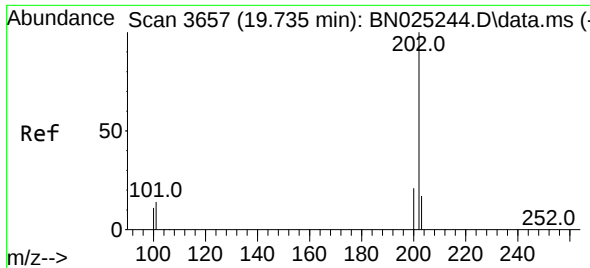
Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023



#19
 Fluoranthene
 Concen: 1.751 ng/ul
 RT: 19.378 min Scan# 3580
 Delta R.T. 0.007 min
 Lab File: BN025261.D
 Acq: 04 May 2023 04:04

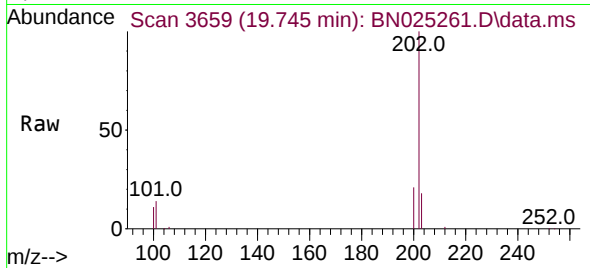
Tgt Ion:202 Resp: 125901
 Ion Ratio Lower Upper
 202 100
 101 12.7 9.7 14.5
 100 9.5 7.3 10.9





#20
Pyrene
Concen: 1.576 ng/ul
RT: 19.745 min Scan# 3657
Delta R.T. 0.011 min
Lab File: BN025261.D
Acq: 04 May 2023 04:04

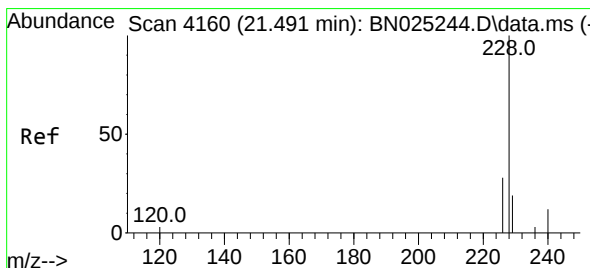
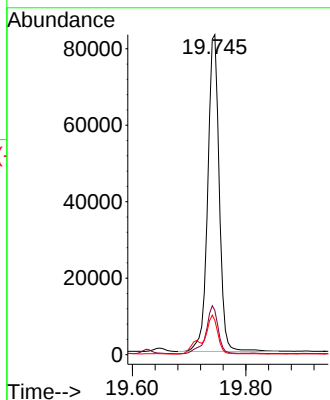
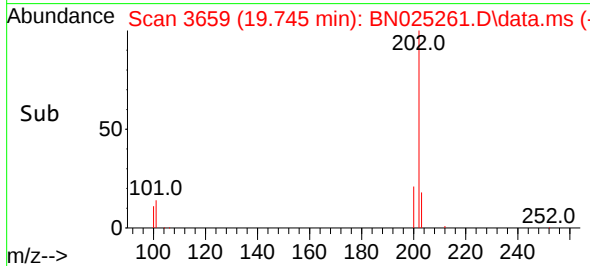
Instrument :
BNA_N
ClientSampleId :
EW911DL



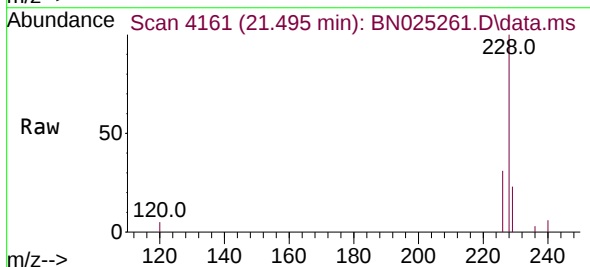
Tgt Ion:202 Resp: 116448
Ion Ratio Lower Upper
202 100
101 13.8 11.3 16.9
100 10.7 9.2 13.8

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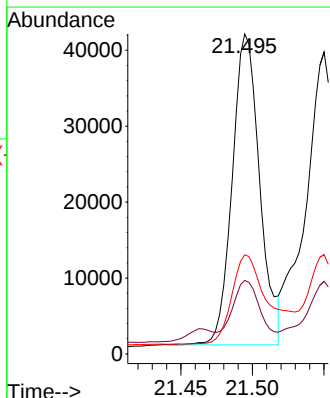
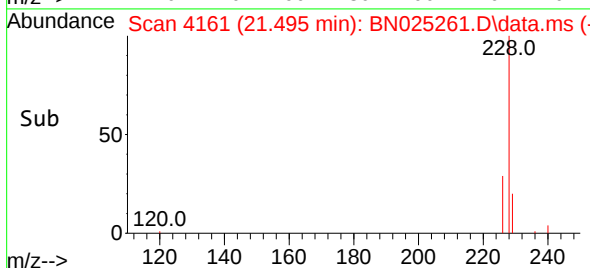
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

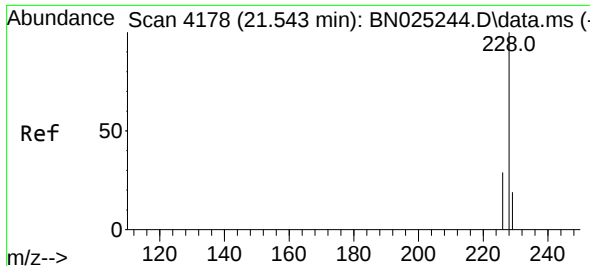


#21
Benzo(a)anthracene
Concen: 0.914 ng/ul
RT: 21.495 min Scan# 4161
Delta R.T. 0.008 min
Lab File: BN025261.D
Acq: 04 May 2023 04:04



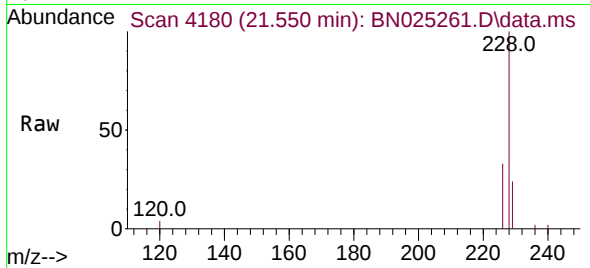
Tgt Ion:228 Resp: 54756
Ion Ratio Lower Upper
228 100
229 23.0 15.6 23.4
226 31.0 22.1 33.1





#22
Chrysene
Concen: 0.900 ng/ul
RT: 21.550 min Scan# 4178
Delta R.T. 0.011 min
Lab File: BN025261.D
Acq: 04 May 2023 04:04

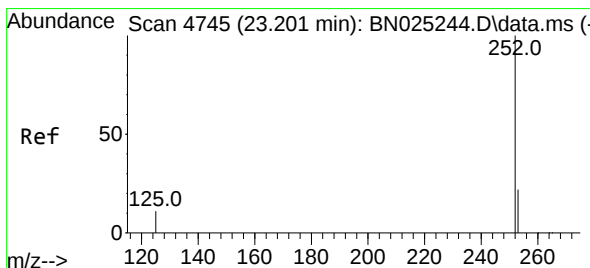
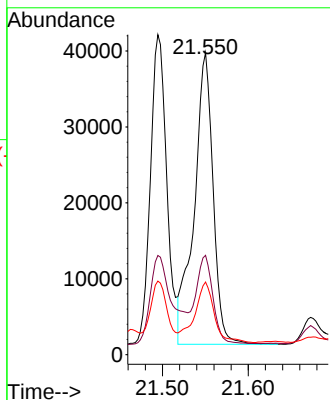
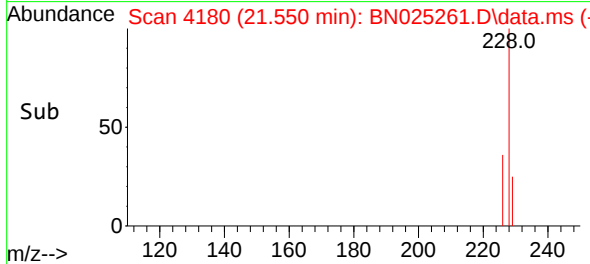
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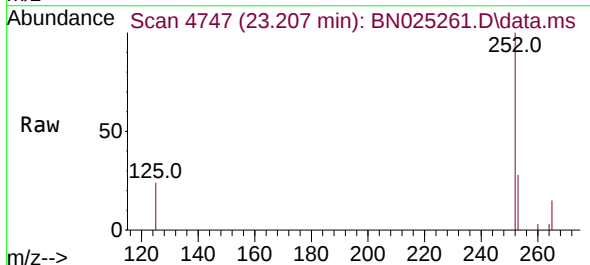
Tgt Ion:228 Resp: 5882
Ion Ratio Lower Upper
228 100
226 32.9 24.5 36.7
229 24.0 15.8 23.6

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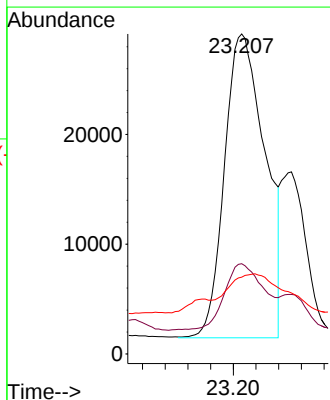
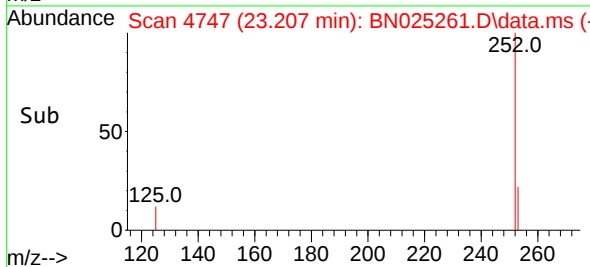
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

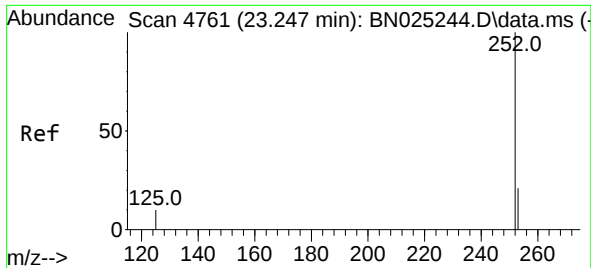


#24
Benzo(b)fluoranthene
Concen: 0.880 ng/ul m
RT: 23.207 min Scan# 4747
Delta R.T. 0.011 min
Lab File: BN025261.D
Acq: 04 May 2023 04:04



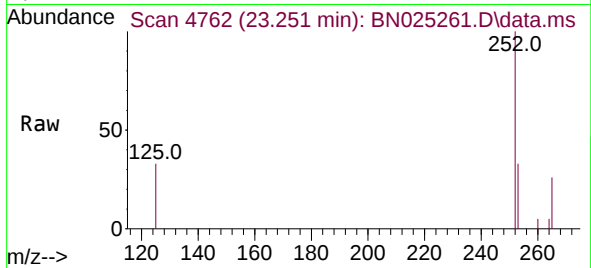
Tgt Ion:252 Resp: 68676
Ion Ratio Lower Upper
252 100
253 28.2 0.0 50.2
125 24.0 0.0 30.4





#25
Benzo(k)fluoranthene
Concen: 0.300 ng/ul m
RT: 23.251 min Scan# 4761
Delta R.T. 0.005 min
Lab File: BN025261.D
Acq: 04 May 2023 04:04

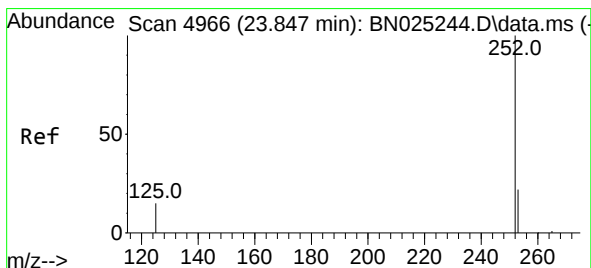
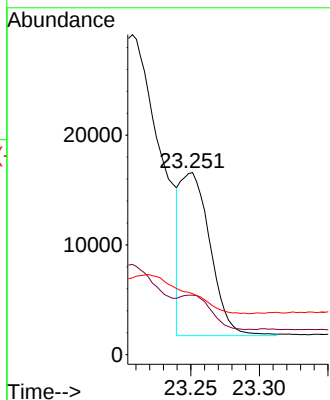
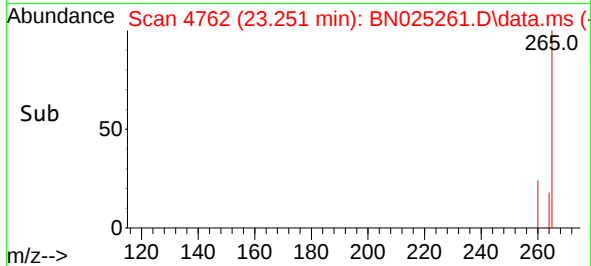
Instrument :
BNA_N
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EW911DL



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Ion Ratio Lower Upper
252 100
253 32.7 20.2 30.4
125 33.5 11.8 17.8

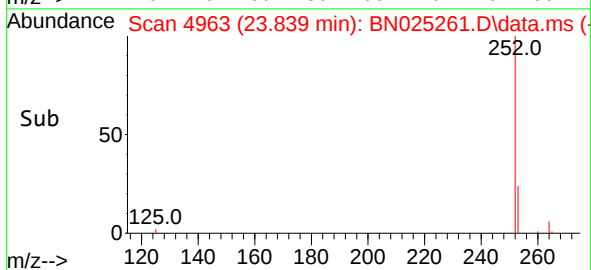
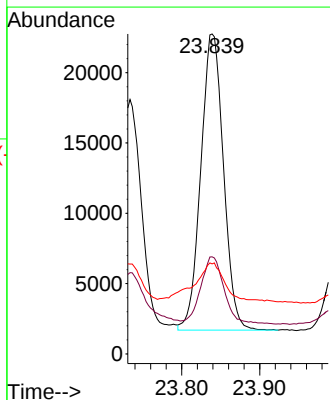
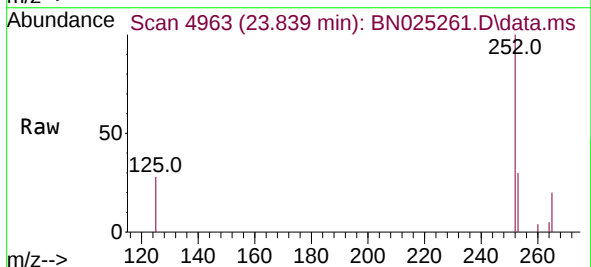
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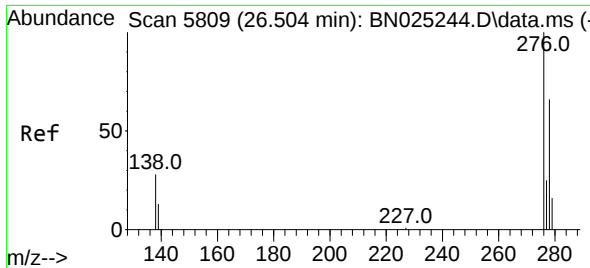
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#26
Benzo(a)pyrene
Concen: 0.660 ng/ul
RT: 23.839 min Scan# 4963
Delta R.T. 0.011 min
Lab File: BN025261.D
Acq: 04 May 2023 04:04

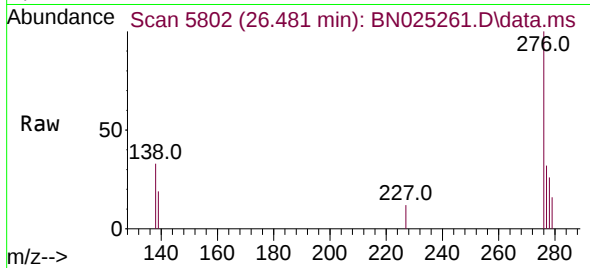
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Ion Ratio Lower Upper
252 100
253 30.4 21.4 32.2
125 28.2 14.6 22.0





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.372 ng/ul
RT: 26.481 min Scan# 5805
Delta R.T. 0.005 min
Lab File: BN025261.D
Acq: 04 May 2023 04:04

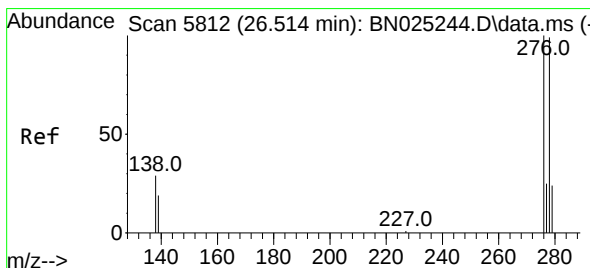
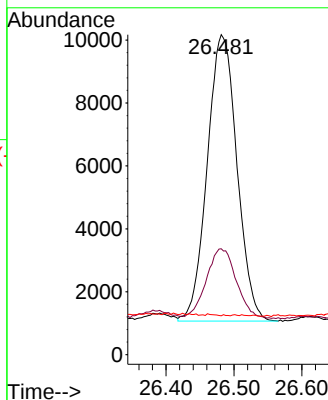
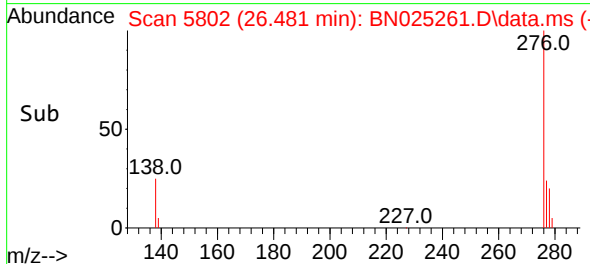
Instrument :
BNA_N
ClientSampleId :
EW911DL



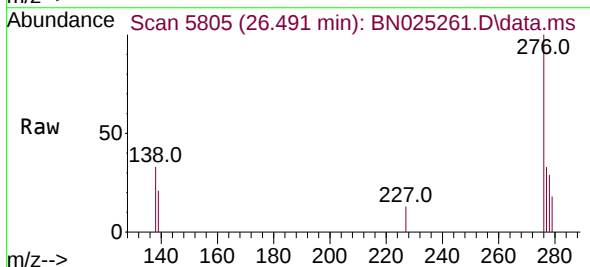
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Ion Ratio Lower Upper
276 100
138 24.9 21.9 32.9
227 0.0 0.1 0.1

Manual Integrations
APPROVED

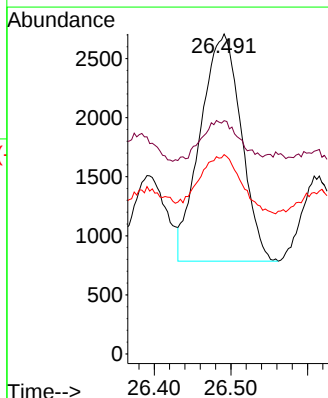
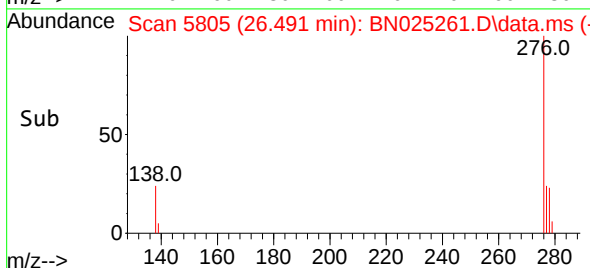
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

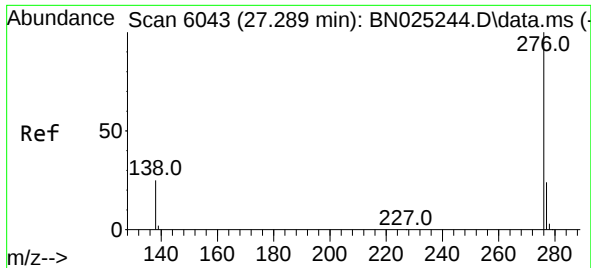


#28
Dibenzo(a,h)anthracene
Concen: 0.122 ng/ul
RT: 26.491 min Scan# 5805
Delta R.T. -0.001 min
Lab File: BN025261.D
Acq: 04 May 2023 04:04



Tgt Ion:278 Resp: 7090
Ion Ratio Lower Upper
278 100
139 72.9 17.0 25.6#
279 62.3 21.8 32.8#





#29

Benzo(g,h,i)perylene

Concen: 0.413 ng/ul

RT: 27.269 min Scan# 60

Delta R.T. 0.009 min

Lab File: BN025261.D

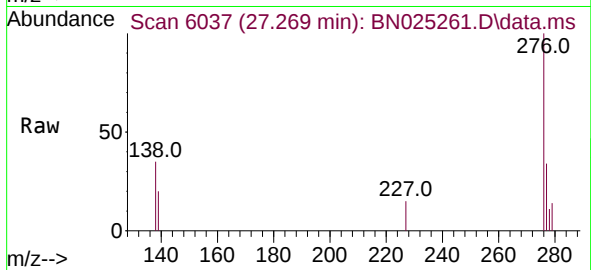
Acq: 04 May 2023 04:04

Instrument :

BNA_N

ClientSampleId :

EW911DL



Tgt Ion:276 Resp: 2608

Ion Ratio Lower Upper

276 100

138 35.0 20.3 30.5

277 33.7 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023

