

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025253.D
 Acq On : 03 May 2023 23:18
 Operator : CG/JU
 Sample : 02447-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW905

Manual Integrations
 APPROVED

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

Quant Time: May 04 04:31:57 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	8571	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	27390	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.570	164	17556	0.400	ng/ul	0.01
13) Phenanthrene-d10	17.321	188	34247	0.400	ng/ul	# 0.01
17) Chrysene-d12	21.520	240	20130	0.400	ng/ul	# 0.02
23) Perylene-d12	23.972	264	25332	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	14339	1.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	4797	0.136	ng/ul	0.01
18) Fluoranthene-d10	19.354	212	10109	0.190	ng/ul	0.01
Target Compounds					Qvalue	
5) Naphthalene	10.781	128	641684	9.143	ng/ul	99
7) 2-Methylnaphthalene	12.392	142	217638	5.063	ng/ul	99
8) 1-Methylnaphthalene	12.612	142	160936	3.512	ng/ul	99
10) Acenaphthylene	14.288	152	254808	3.896	ng/ul	99
11) Acenaphthene	14.630	153	462578	8.391	ng/ul	98
12) Fluorene	15.620	166	693579	11.254	ng/ul	99
15) Phenanthrene	17.368	178	6706454	69.377	ng/ul	99
16) Anthracene	17.457	178	1978119	25.014	ng/ul	99
19) Fluoranthene	19.391	202	9556553	131.282	ng/ul#	93
20) Pyrene	19.753	202	8404920	112.378	ng/ul#	92
21) Benzo(a)anthracene	21.502	228	3740369	61.662	ng/ul	97
22) Chrysene	21.558	228	3886368	58.732	ng/ul	97
24) Benzo(b)fluoranthene	23.230	252	4770015m	46.412	ng/ul	
25) Benzo(k)fluoranthene	23.270	252	1688134m	17.076	ng/ul	
26) Benzo(a)pyrene	23.876	252	3192254	37.541	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.550	276	2329776	23.779	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.554	278	596432	7.793	ng/ul	98
29) Benzo(g,h,i)perylene	27.352	276	2150786	25.817	ng/ul	100

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

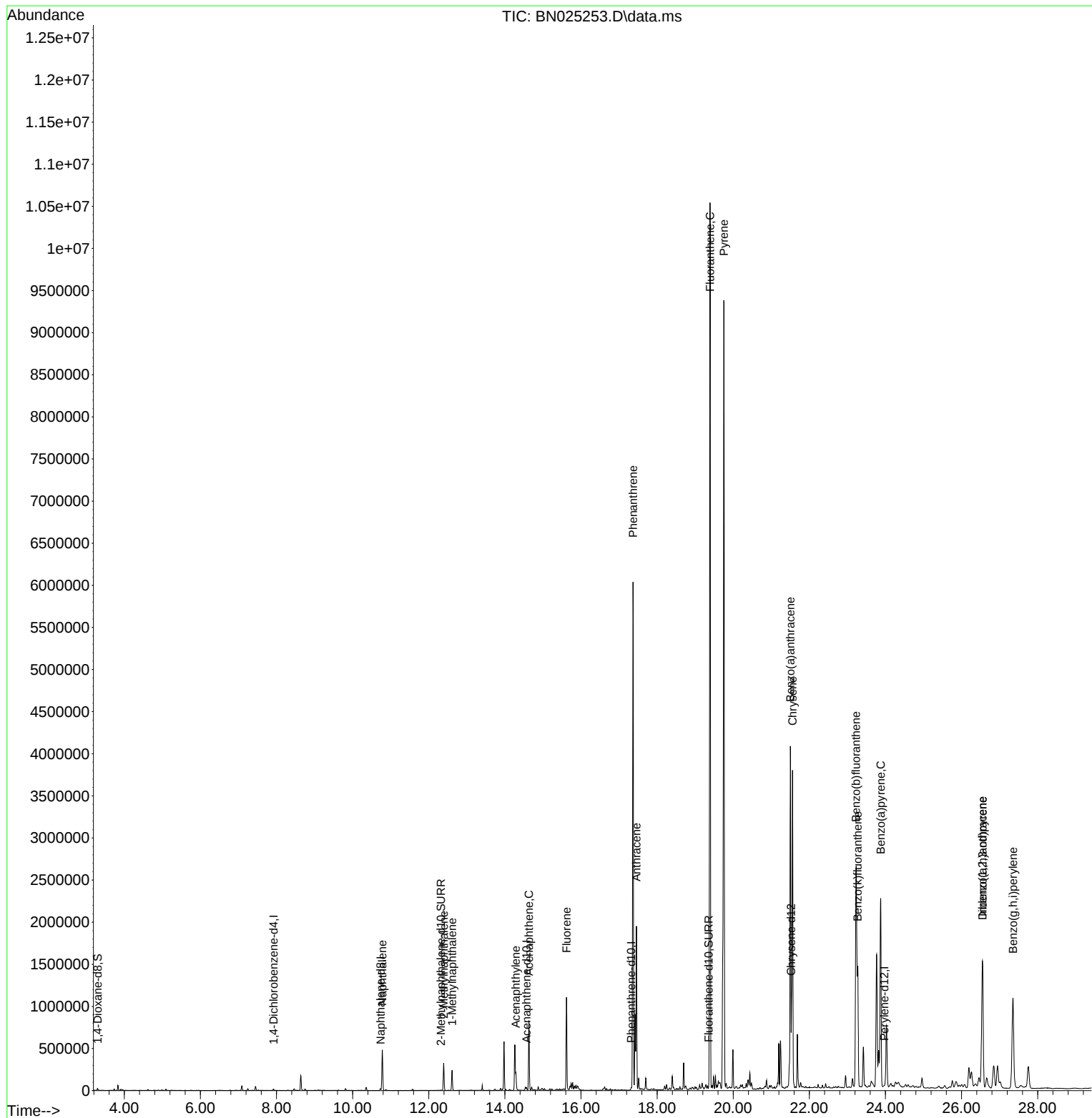
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
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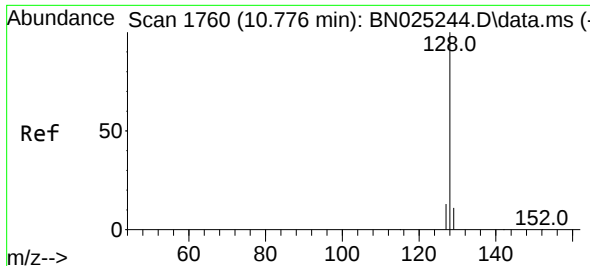
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Quant Time: May 04 04:31:57 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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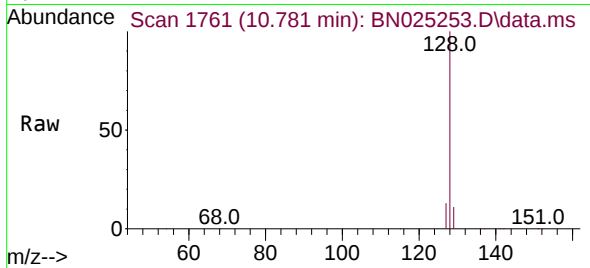
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023





#5
Naphthalene
Concen: 9.143 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. 0.013 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

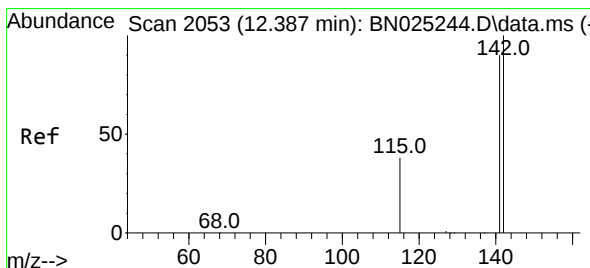
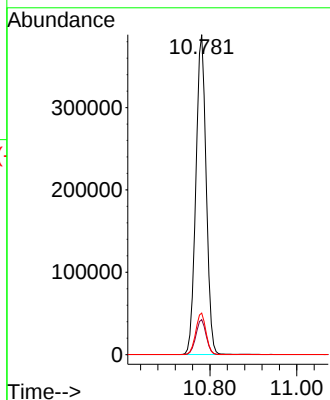
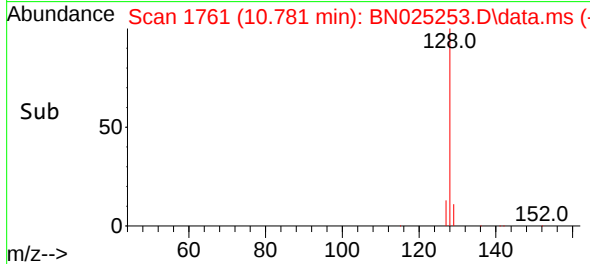
Instrument :
BNA_N
ClientSampleId :
EW905



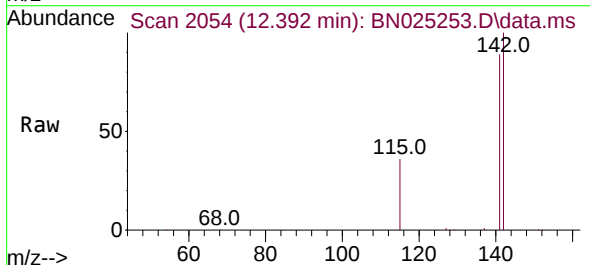
Tgt Ion:128 Resp: 641684
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.0 10.7 16.1

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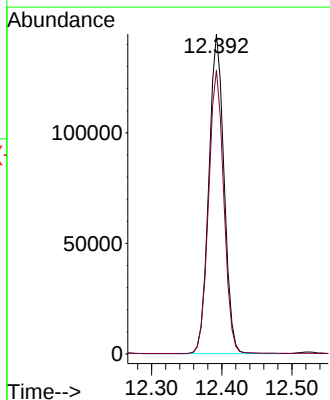
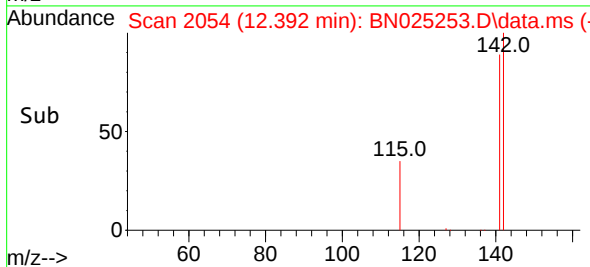
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

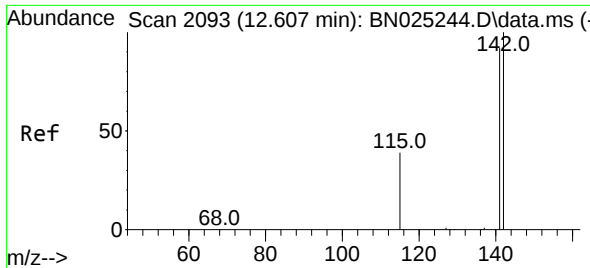


#7
2-Methylnaphthalene
Concen: 5.063 ng/ul
RT: 12.392 min Scan# 2054
Delta R.T. 0.007 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18



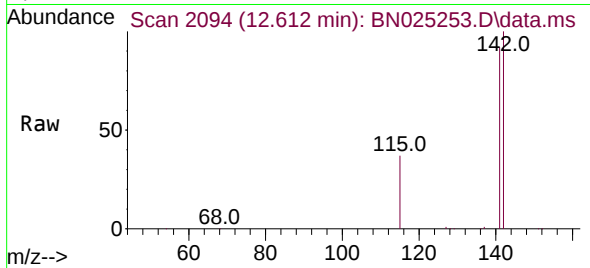
Tgt Ion:142 Resp: 217638
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.0





#8
1-Methylnaphthalene
Concen: 3.512 ng/ul
RT: 12.612 min Scan# 2094
Delta R.T. 0.007 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

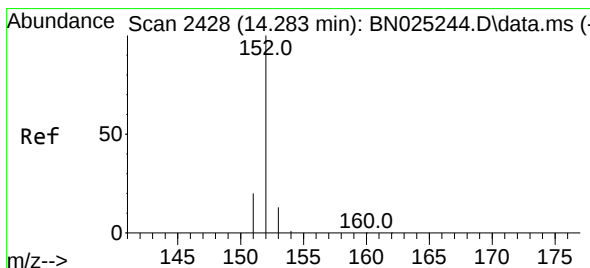
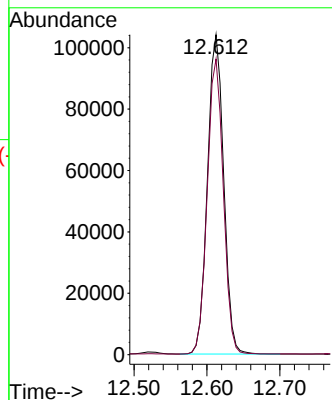
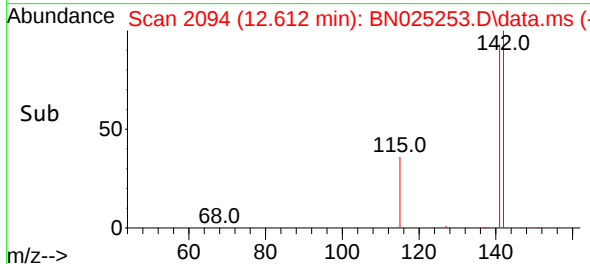
Instrument :
BNA_N
ClientSampleId :
EW905



Tgt Ion:142 Resp: 160930
Ion Ratio Lower Upper
142 100
141 91.6 73.8 110.6

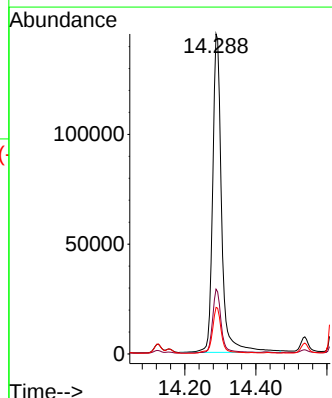
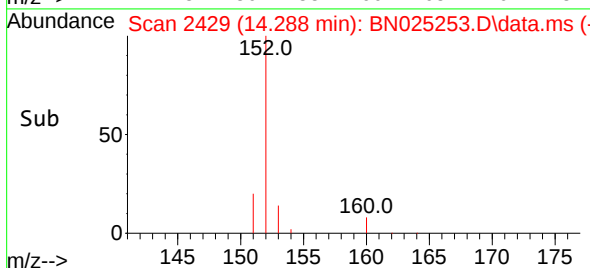
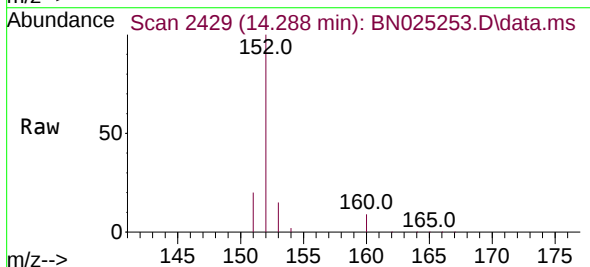
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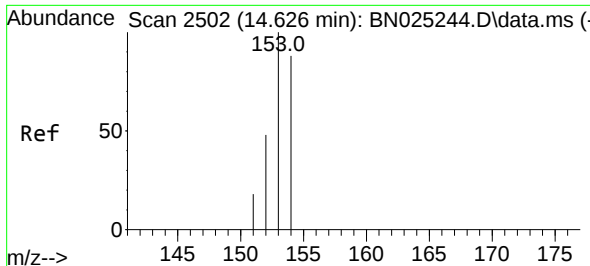
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#10
Acenaphthylene
Concen: 3.896 ng/ul
RT: 14.288 min Scan# 2429
Delta R.T. 0.010 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

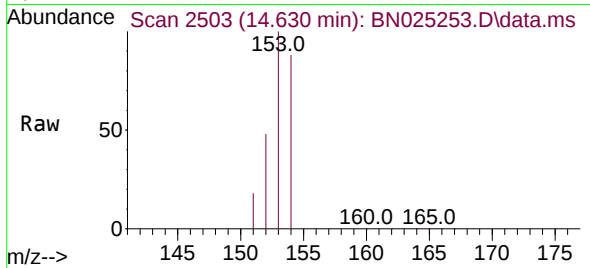
Tgt Ion:152 Resp: 254808
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 14.6 10.8 16.2





#11
Acenaphthene
Concen: 8.391 ng/ul
RT: 14.630 min Scan# 2503
Delta R.T. 0.010 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

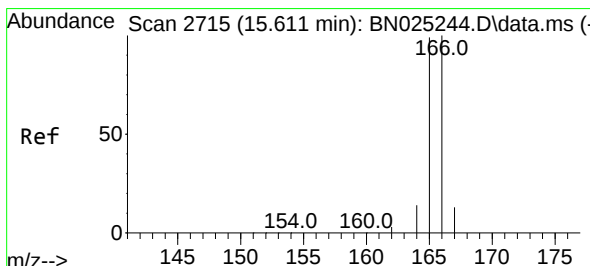
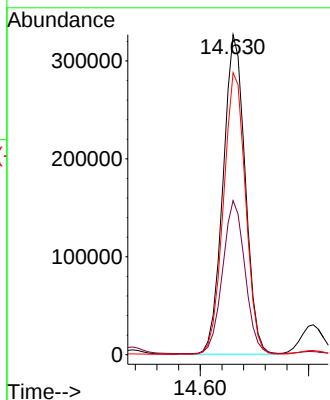
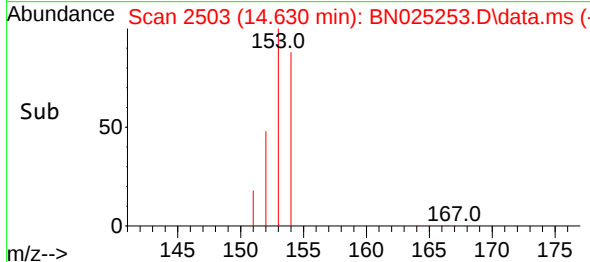
Instrument :
BNA_N
ClientSampleId :
EW905



Tgt Ion:153 Resp: 462578
Ion Ratio Lower Upper
153 100
152 48.1 40.2 60.4
154 88.1 69.4 104.2

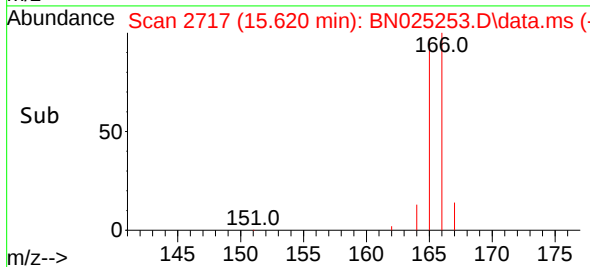
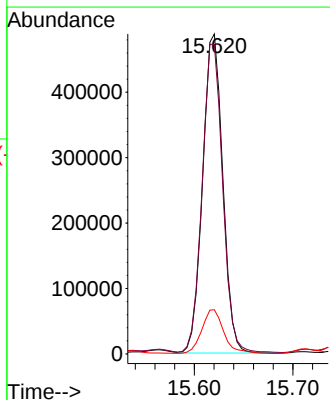
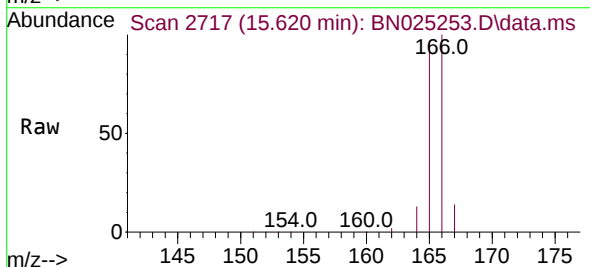
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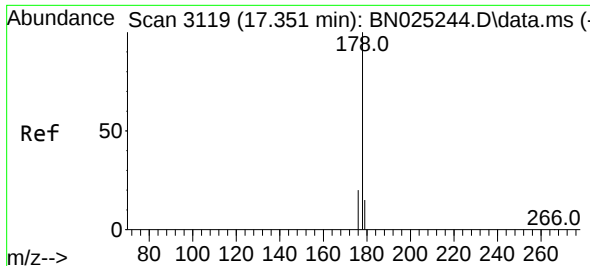
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#12
Fluorene
Concen: 11.254 ng/ul
RT: 15.620 min Scan# 2717
Delta R.T. 0.010 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

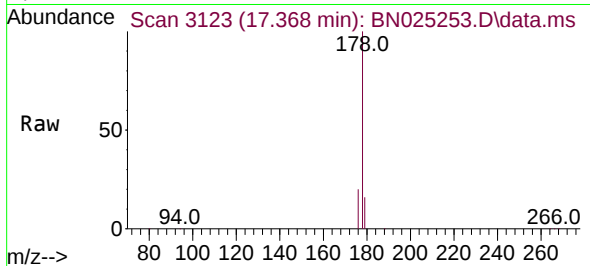
Tgt Ion:166 Resp: 693579
Ion Ratio Lower Upper
166 100
165 96.7 78.1 117.1
167 13.8 11.0 16.6





#15
Phenanthrene
Concen: 69.377 ng/ul
RT: 17.368 min Scan# 3119
Delta R.T. 0.018 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

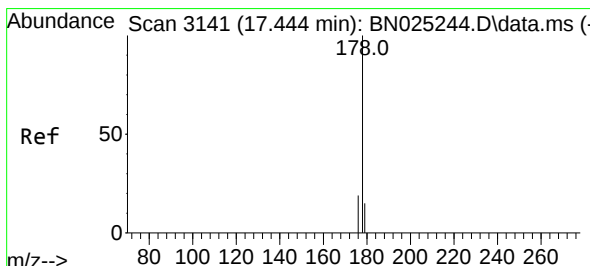
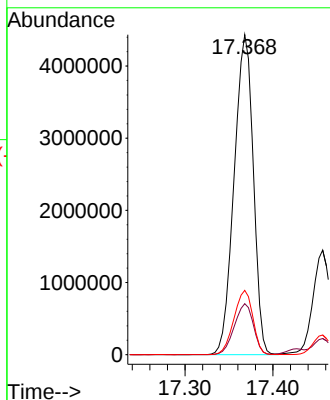
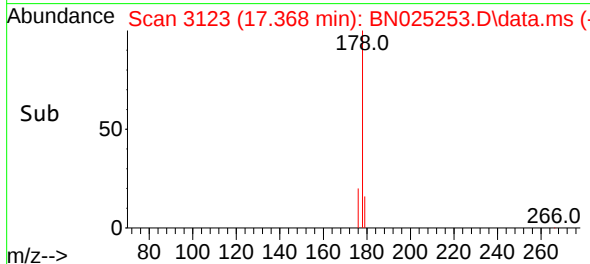
Instrument :
BNA_N
ClientSampleId :
EW905



Tgt Ion:178 Resp: 6706454
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 20.1 15.6 23.4

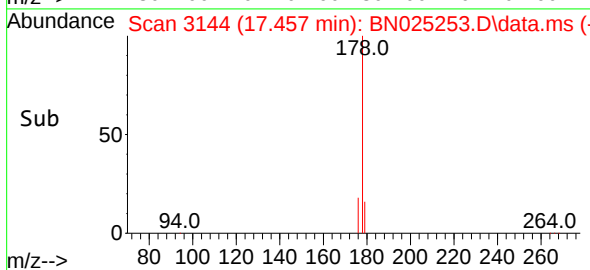
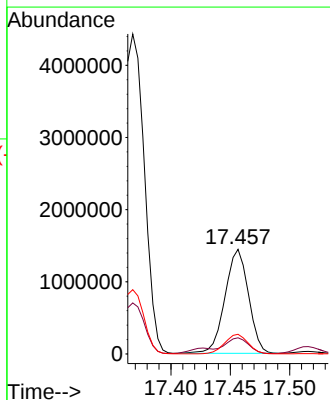
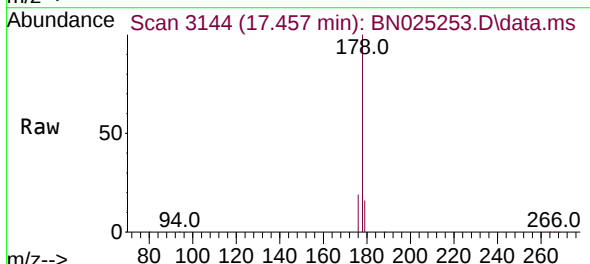
Manual Integrations
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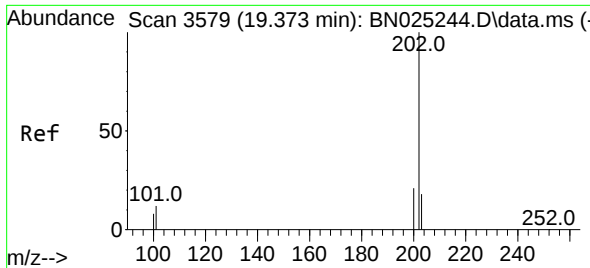
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#16
Anthracene
Concen: 25.014 ng/ul
RT: 17.457 min Scan# 3144
Delta R.T. 0.014 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

Tgt Ion:178 Resp: 1978119
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 18.7 15.3 22.9





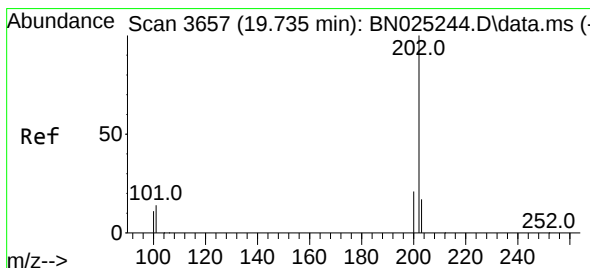
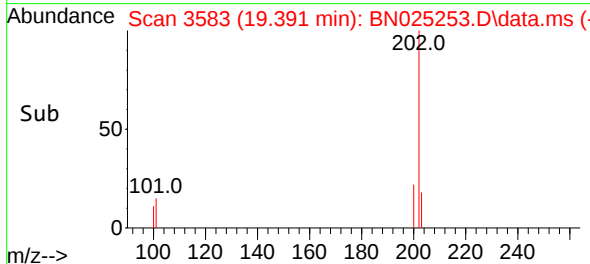
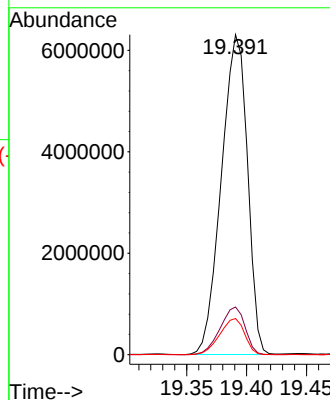
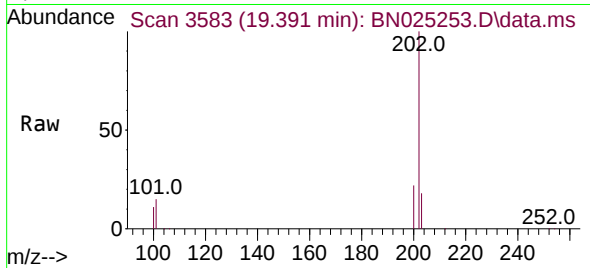
#19
Fluoranthene
Concen: 131.282 ng/u1
RT: 19.391 min Scan# 3583
Delta R.T. 0.019 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 955655
Ion Ratio Lower Upper
202 100
101 14.9 9.7 14.5#
100 11.3 7.3 10.9#

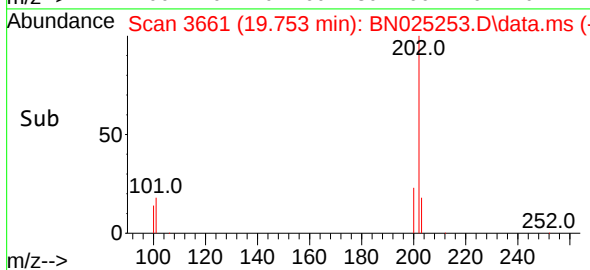
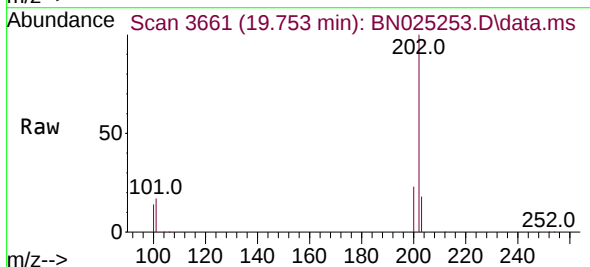
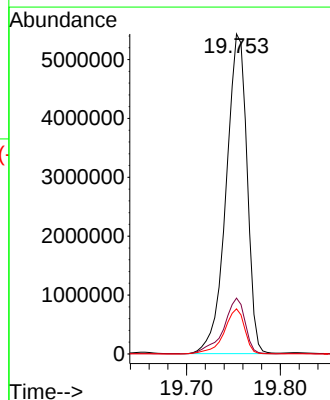
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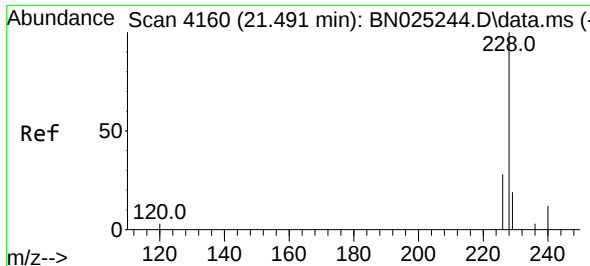
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#20
Pyrene
Concen: 112.378 ng/u1
RT: 19.753 min Scan# 3661
Delta R.T. 0.019 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

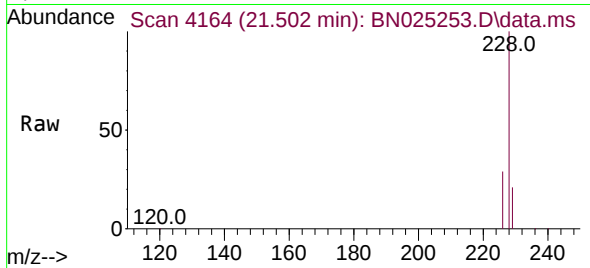
Tgt Ion:202 Resp: 8404920
Ion Ratio Lower Upper
202 100
101 17.5 11.3 16.9#
100 14.1 9.2 13.8#





#21
Benzo(a)anthracene
Concen: 61.662 ng/u1
RT: 21.502 min Scan# 4164
Delta R.T. 0.015 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

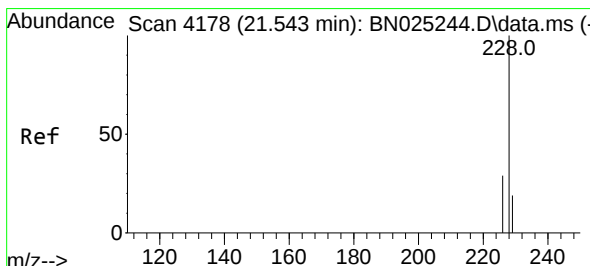
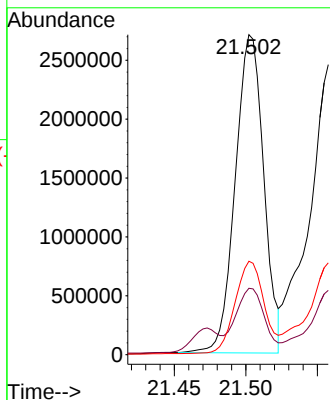
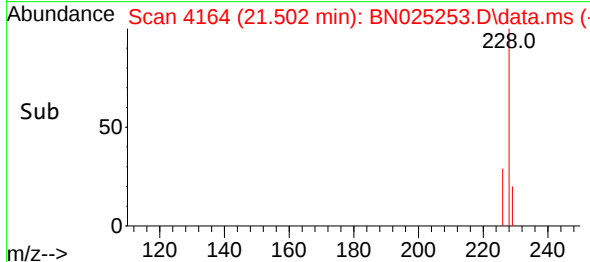
Instrument :
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Tgt Ion:228 Resp: 3740368
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 29.2 22.1 33.1

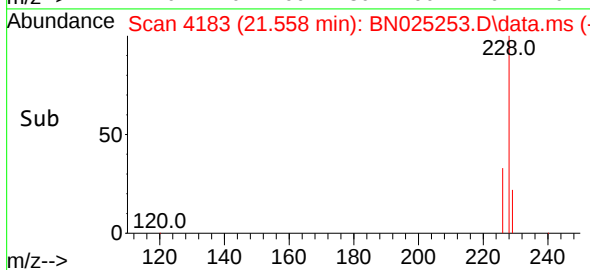
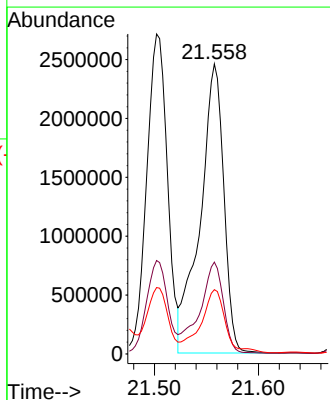
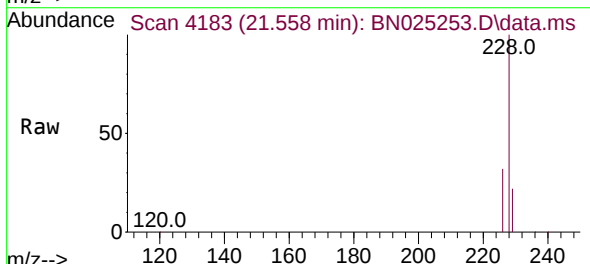
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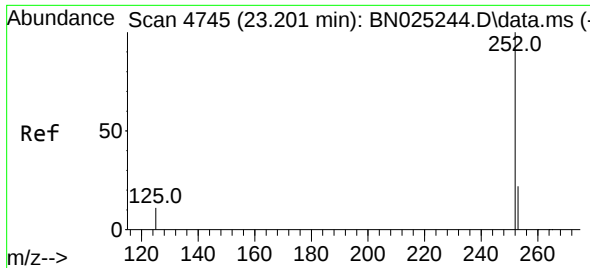
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#22
Chrysene
Concen: 58.732 ng/u1
RT: 21.558 min Scan# 4183
Delta R.T. 0.018 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

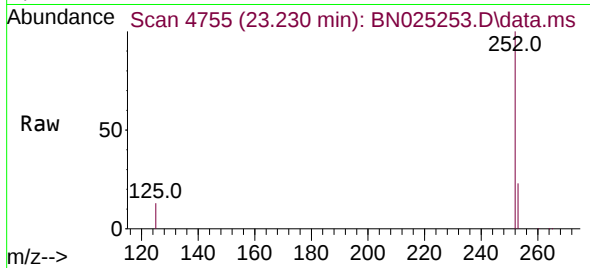
Tgt Ion:228 Resp: 3886368
Ion Ratio Lower Upper
228 100
226 31.7 24.5 36.7
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 46.412 ng/ul m
RT: 23.230 min Scan# 4755
Delta R.T. 0.033 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

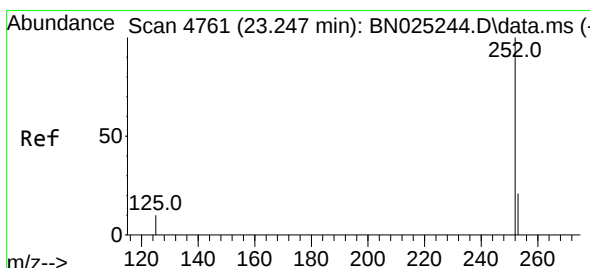
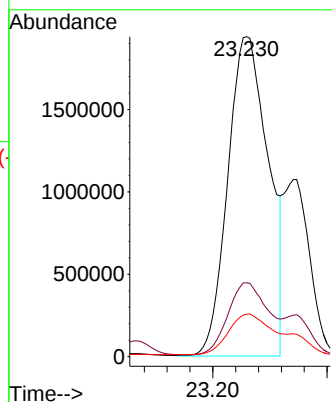
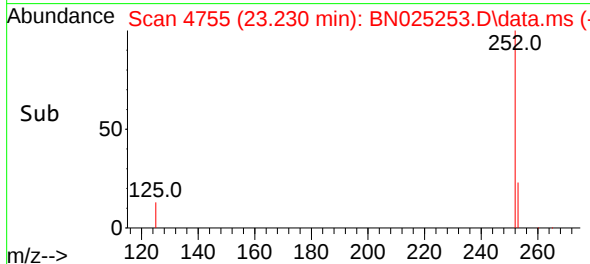
Instrument :
BNA_N
ClientSampleId :
EW905



Tgt Ion:252 Resp: 4770015
Ion Ratio Lower Upper
252 100
253 23.1 0.0 50.2
125 13.2 0.0 30.4

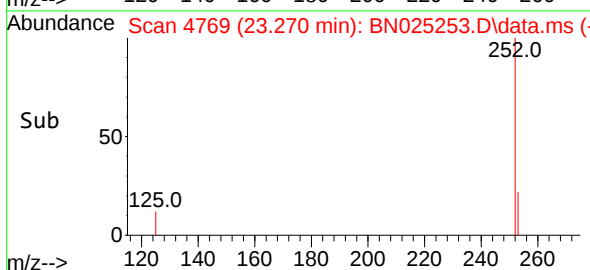
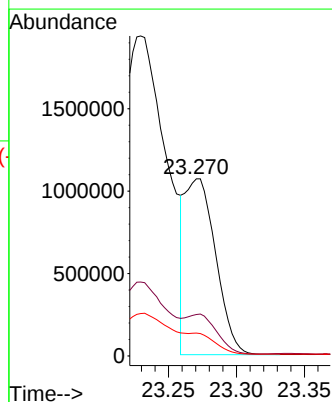
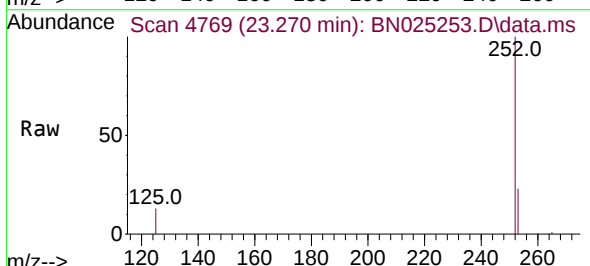
Manual Integrations
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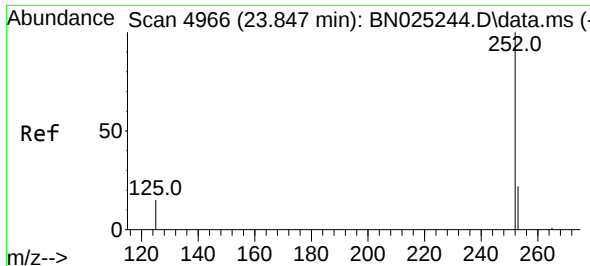
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#25
Benzo(k)fluoranthene
Concen: 17.076 ng/ul m
RT: 23.270 min Scan# 4769
Delta R.T. 0.024 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

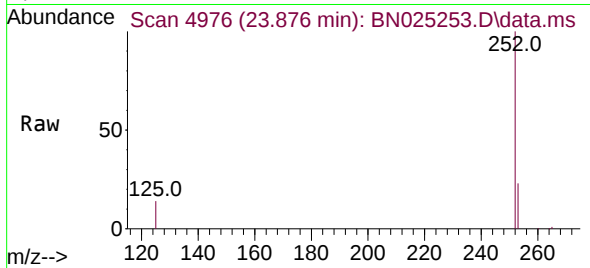
Tgt Ion:252 Resp: 1688134
Ion Ratio Lower Upper
252 100
253 23.4 20.2 30.4
125 12.9 11.8 17.8





#26
Benzo(a)pyrene
Concen: 37.541 ng/ul
RT: 23.876 min Scan# 4966
Delta R.T. 0.048 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

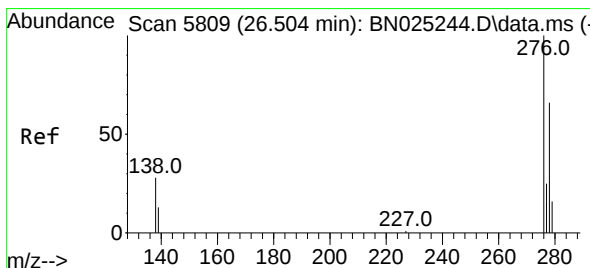
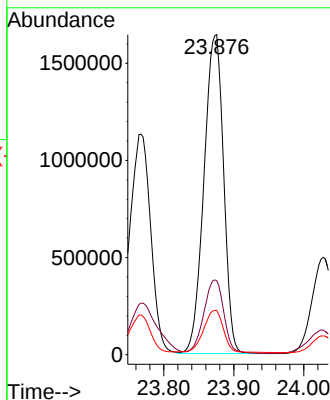
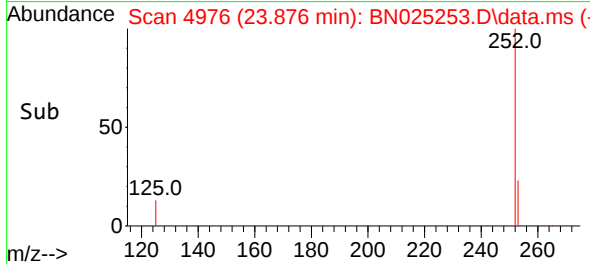
Instrument :
BNA_N
ClientSampleId :
EW905



Tgt Ion:252 Resp: 3192254
Ion Ratio Lower Upper
252 100
253 23.2 21.4 32.2
125 13.8 14.6 22.0

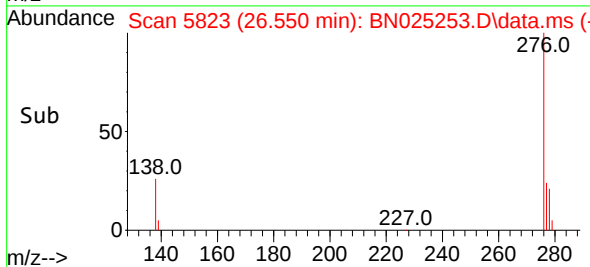
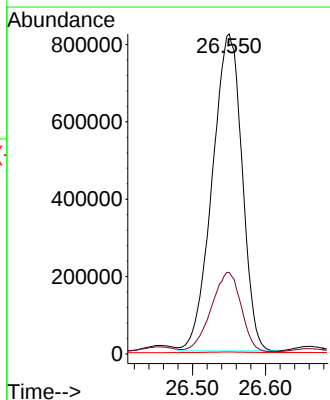
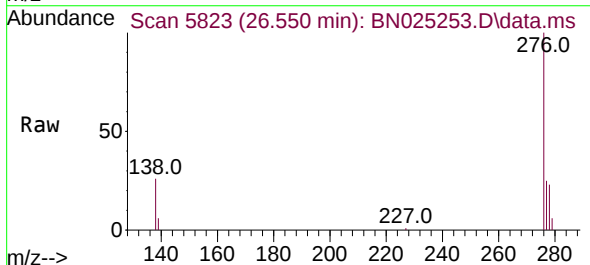
Manual Integrations
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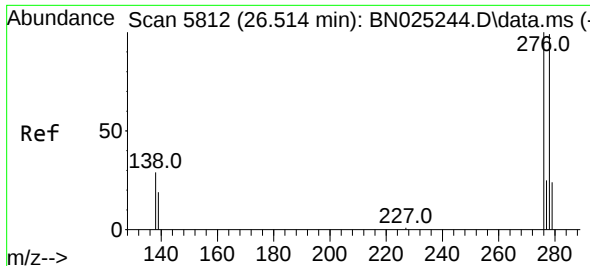
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 23.779 ng/ul
RT: 26.550 min Scan# 5823
Delta R.T. 0.075 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

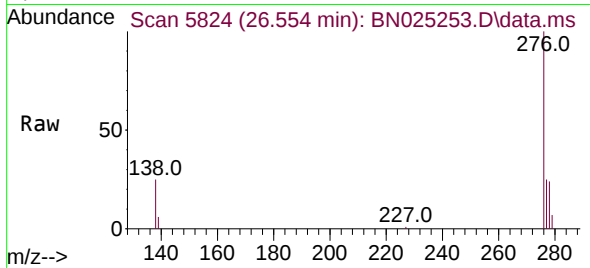
Tgt Ion:276 Resp: 2329776
Ion Ratio Lower Upper
276 100
138 25.1 21.9 32.9
227 0.4 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 7.793 ng/ul
RT: 26.554 min Scan# 5824
Delta R.T. 0.061 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18

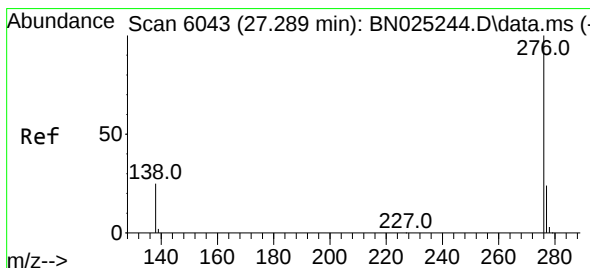
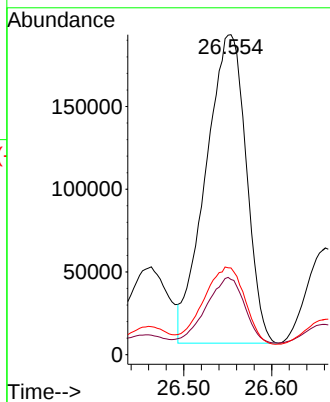
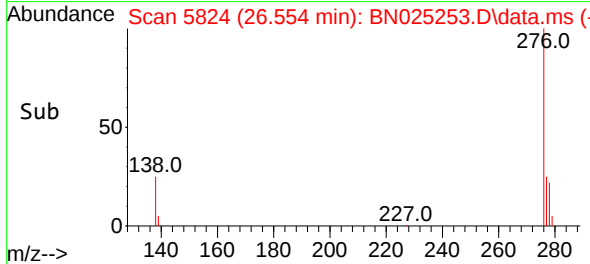
Instrument :
BNA_N
ClientSampleId :
EW905



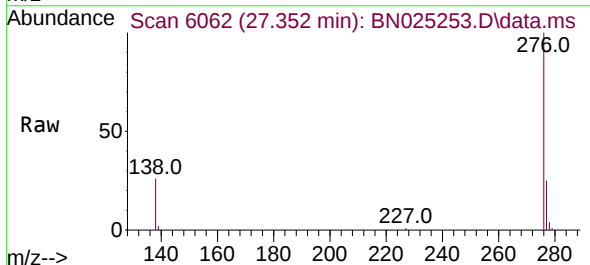
Tgt Ion:278 Resp: 596432
Ion Ratio Lower Upper
278 100
139 23.5 17.0 25.6
279 27.1 21.8 32.8

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



#29
Benzo(g,h,i)perylene
Concen: 25.817 ng/ul
RT: 27.352 min Scan# 6062
Delta R.T. 0.091 min
Lab File: BN025253.D
Acq: 03 May 2023 23:18



Tgt Ion:276 Resp: 2150786
Ion Ratio Lower Upper
276 100
138 25.7 20.3 30.5
277 24.7 19.8 29.6

