

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
 Data File : BN025218.D
 Acq On : 02 May 2023 13:48
 Operator : CG/JU
 Sample : 02419-31
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW926

Manual Integrations
 APPROVED

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

Quant Time: May 03 02:29:05 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	7.912	152	9035	0.400	ng/ul	0.00
4) Naphthalene-d8	10.724	136	28620	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.560	164	20398	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.308	188	40765	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.510	240	51799	0.400	ng/ul	# 0.00
23) Perylene-d12	23.957	264	32471	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	17337	1.853	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.314	152	6296	0.171	ng/ul	0.00
18) Fluoranthene-d10	19.339	212	17060	0.125	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.774	128	6011	0.082	ng/ul#	94
7) 2-Methylnaphthalene	12.385	142	6830	0.152	ng/ul	100
8) 1-Methylnaphthalene	12.605	142	4750	0.099	ng/ul	96
10) Acenaphthylene	14.282	152	13716	0.181	ng/ul#	76
11) Acenaphthene	14.620	153	7760	0.121	ng/ul	97
12) Fluorene	15.606	166	9741	0.136	ng/ul#	72
14) Pentachlorophenol	16.962	266	894	0.112	ng/ul#	73
15) Phenanthrene	17.350	178	260800	2.267	ng/ul#	96
16) Anthracene	17.443	178	60920	0.647	ng/ul#	77
19) Fluoranthene	19.371	202	611435	3.264	ng/ul	98
20) Pyrene	19.734	202	545922	2.837	ng/ul	96
21) Benzo(a)anthracene	21.493	228	274054	1.756	ng/ul#	90
22) Chrysene	21.548	228	292719	1.719	ng/ul#	86
24) Benzo(b)fluoranthene	23.208	252	357115m	2.711	ng/ul	
25) Benzo(k)fluoranthene	23.258	252	117626m	0.928	ng/ul	
26) Benzo(a)pyrene	23.843	252	229123	2.102	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.486	276	144051	1.147	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.492	278	35690	0.364	ng/ul#	41
29) Benzo(g,h,i)perylene	27.274	276	146506	1.372	ng/ul	95

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

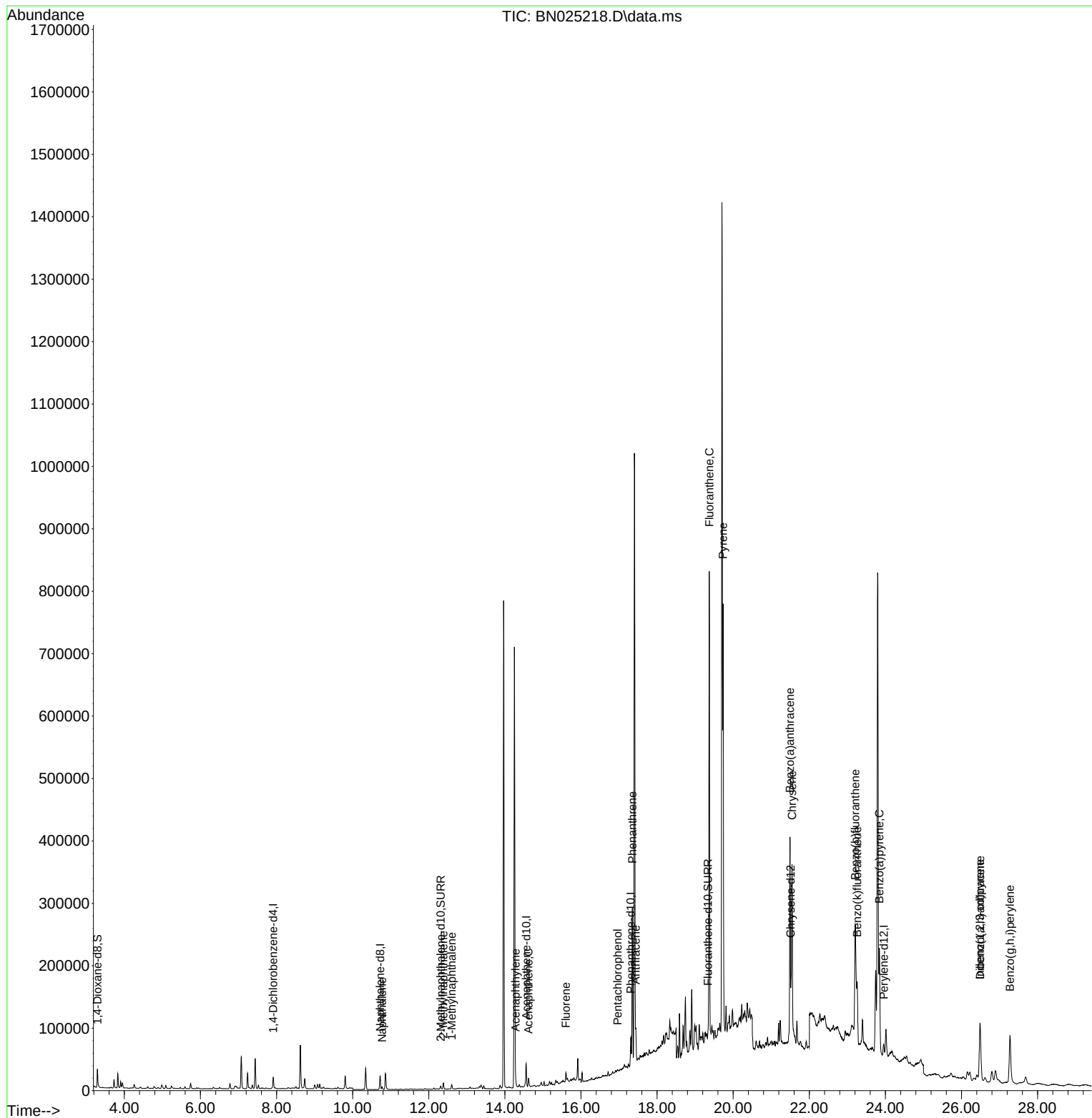
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
Data File : BN025218.D
Acq On : 02 May 2023 13:48
Operator : CG/JU
Sample : 02419-31
Misc :
ALS Vial : 6 Sample Multiplier: 1

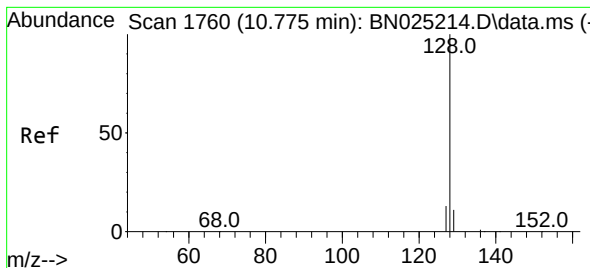
Instrument :
BNA_N
ClientSampleId :
EW926

Quant Time: May 03 02:29:05 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

Manual Integrations
APPROVED

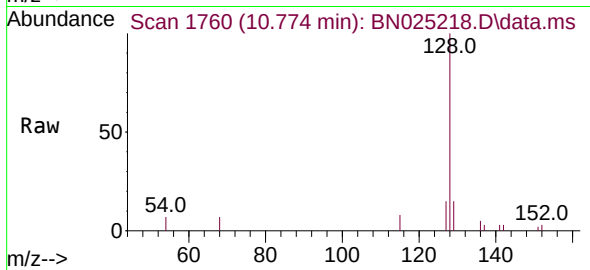
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023





#5
Naphthalene
Concen: 0.082 ng/ul
RT: 10.774 min Scan# 1760
Delta R.T. -0.002 min
Lab File: BN025218.D
Acq: 02 May 2023 13:48

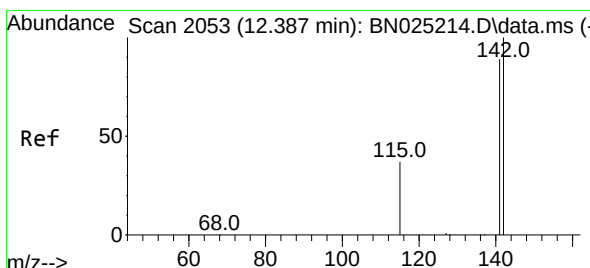
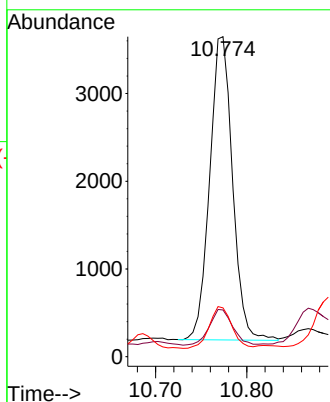
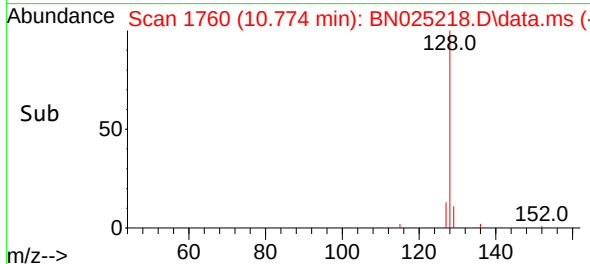
Instrument :
BNA_N
ClientSampleId :
EW926



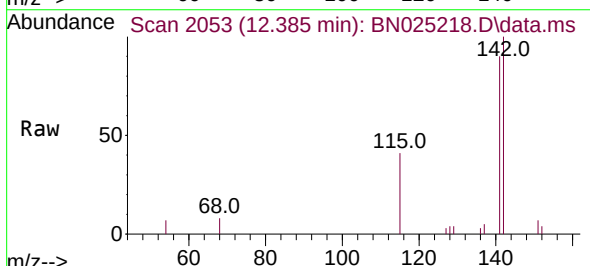
Tgt Ion:128 Resp: 6010
Ion Ratio Lower Upper
128 100
129 14.6 9.0 13.6
127 15.3 10.7 16.1

Manual Integrations
APPROVED

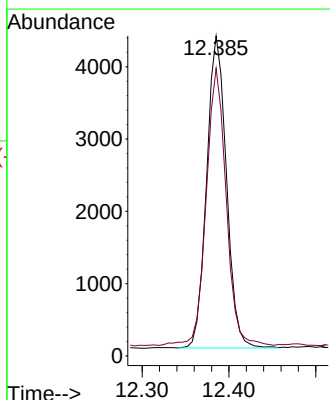
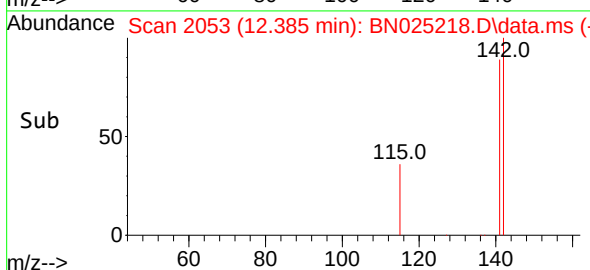
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

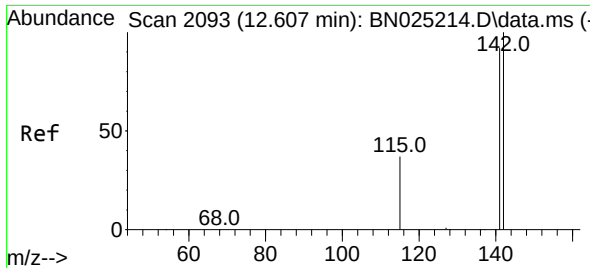


#7
2-Methylnaphthalene
Concen: 0.152 ng/ul
RT: 12.385 min Scan# 2053
Delta R.T. -0.002 min
Lab File: BN025218.D
Acq: 02 May 2023 13:48



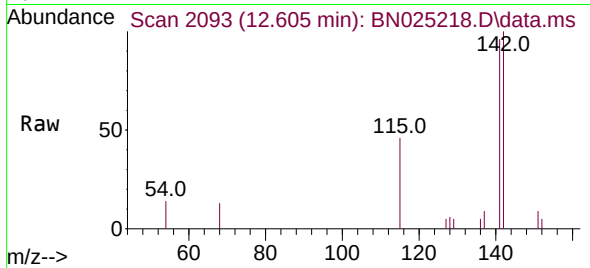
Tgt Ion:142 Resp: 6830
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0





#8
1-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.605 min Scan# 2093
Delta R.T. -0.002 min
Lab File: BN025218.D
Acq: 02 May 2023 13:48

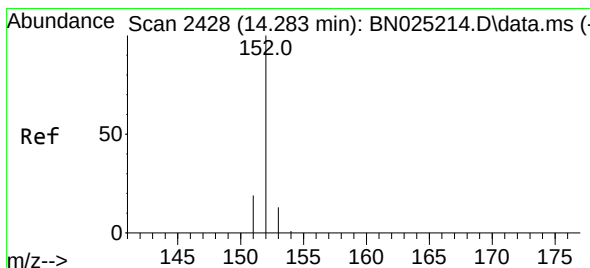
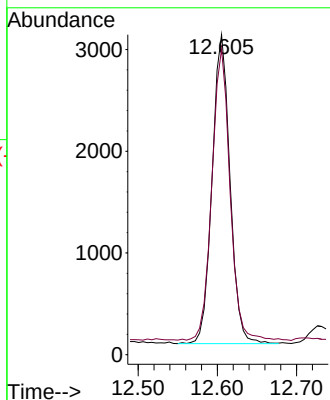
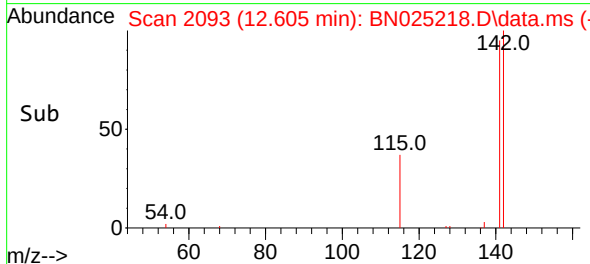
Instrument :
BNA_N
ClientSampleId :
EW926



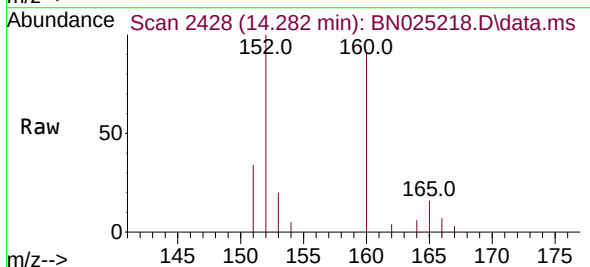
Tgt Ion:142 Resp: 4750
Ion Ratio Lower Upper
142 100
141 95.6 73.8 110.6

Manual Integrations
APPROVED

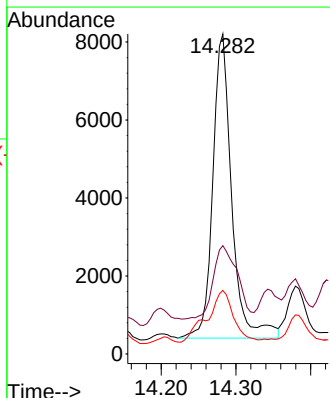
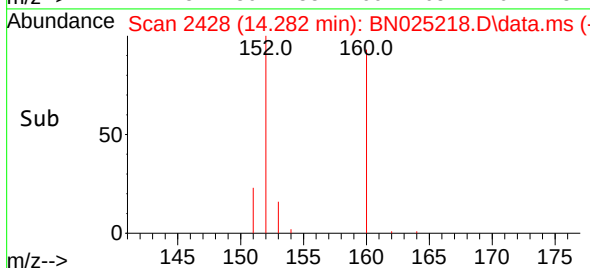
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

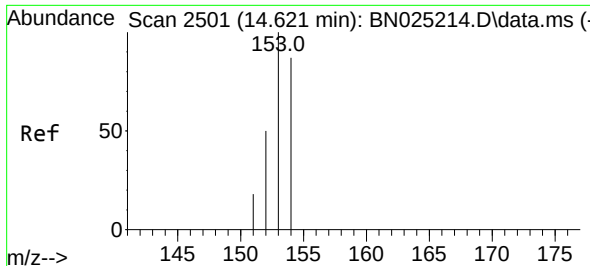


#10
Acenaphthylene
Concen: 0.181 ng/ul
RT: 14.282 min Scan# 2428
Delta R.T. -0.001 min
Lab File: BN025218.D
Acq: 02 May 2023 13:48



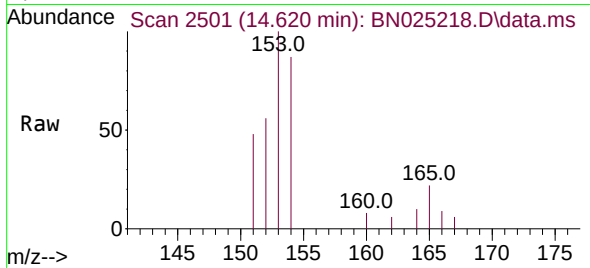
Tgt Ion:152 Resp: 13716
Ion Ratio Lower Upper
152 100
151 33.8 16.0 24.0#
153 19.8 10.8 16.2#





#11
Acenaphthene
Concen: 0.121 ng/ul
RT: 14.620 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN025218.D
Acq: 02 May 2023 13:48

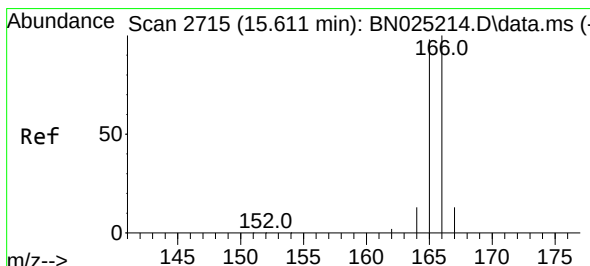
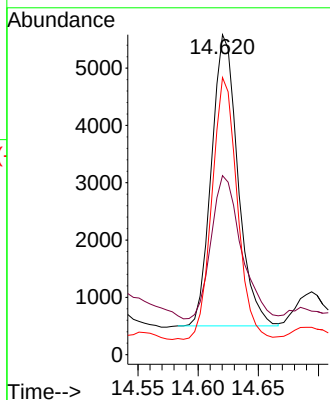
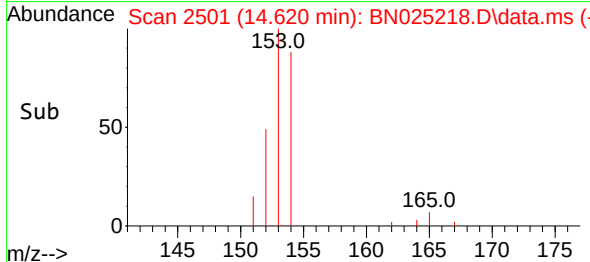
Instrument :
BNA_N
ClientSampleId :
EW926



Tgt Ion:153 Resp: 7760
Ion Ratio Lower Upper
153 100
152 56.0 40.2 60.4
154 86.6 69.4 104.2

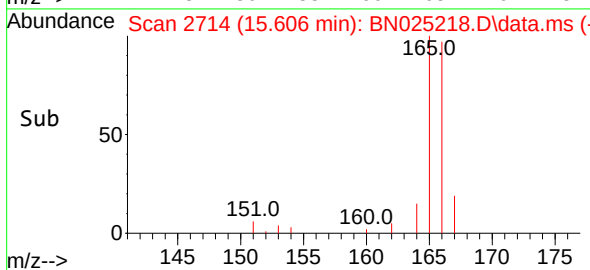
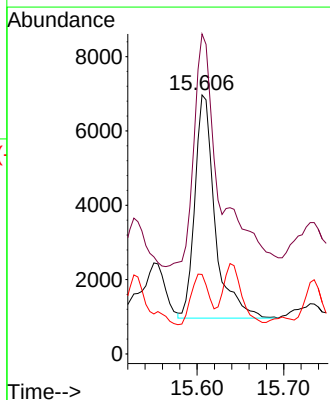
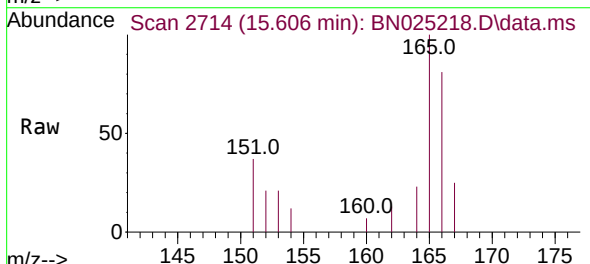
Manual Integrations
APPROVED

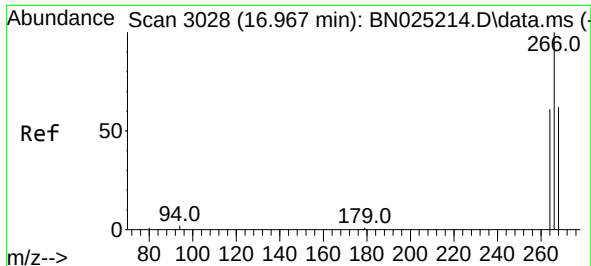
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#12
Fluorene
Concen: 0.136 ng/ul
RT: 15.606 min Scan# 2714
Delta R.T. -0.005 min
Lab File: BN025218.D
Acq: 02 May 2023 13:48

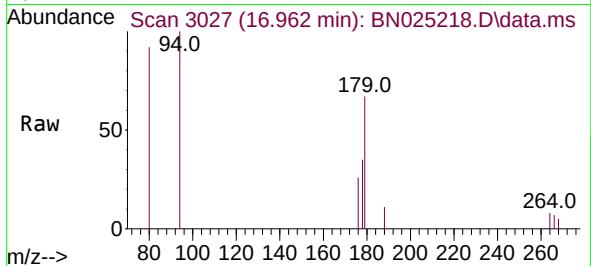
Tgt Ion:166 Resp: 9741
Ion Ratio Lower Upper
166 100
165 123.5 78.1 117.1#
167 30.7 11.0 16.6#





#14
Pentachlorophenol
Concen: 0.112 ng/ul
RT: 16.962 min Scan# 3028
Delta R.T. -0.005 min
Lab File: BN025218.D
Acq: 02 May 2023 13:48

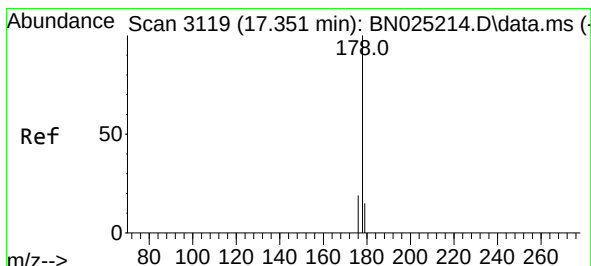
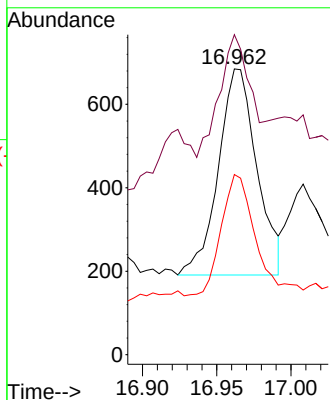
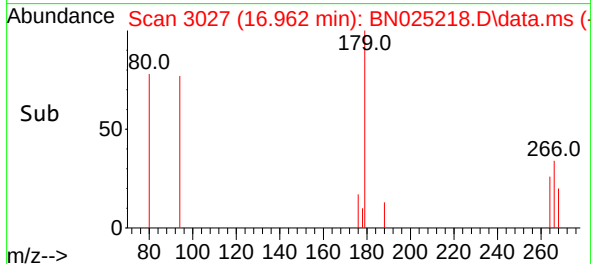
Instrument :
BNA_N
ClientSampleId :
EW926



Tgt Ion:266 Resp: 894
Ion Ratio Lower Upper
266 100
264 92.7 49.6 74.4#
268 52.2 51.3 76.9

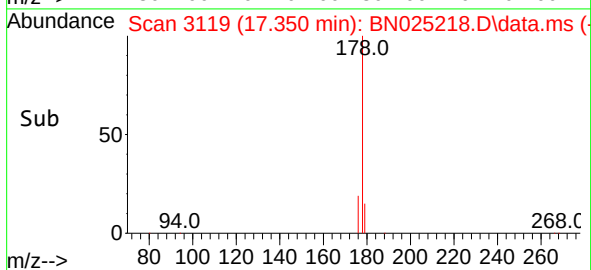
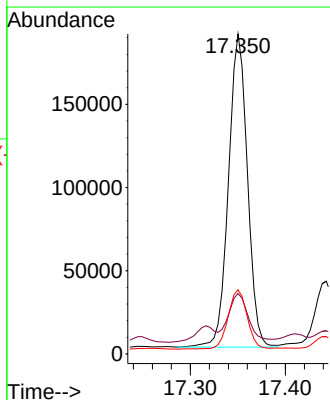
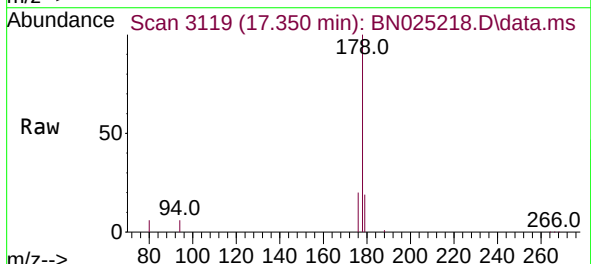
Manual Integrations
APPROVED

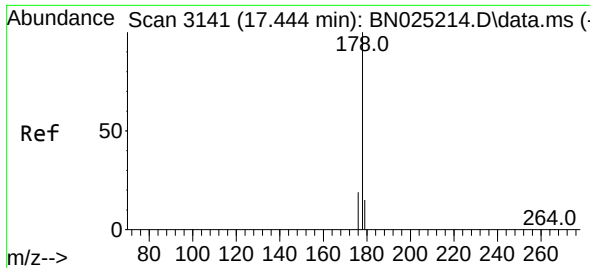
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#15
Phenanthrene
Concen: 2.267 ng/ul
RT: 17.350 min Scan# 3119
Delta R.T. -0.001 min
Lab File: BN025218.D
Acq: 02 May 2023 13:48

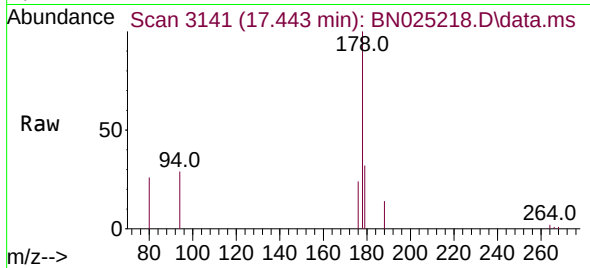
Tgt Ion:178 Resp: 260800
Ion Ratio Lower Upper
178 100
179 18.9 12.5 18.7#
176 20.0 15.6 23.4





#16
 Anthracene
 Concen: 0.647 ng/ul
 RT: 17.443 min Scan# 3141
 Delta R.T. -0.001 min
 Lab File: BN025218.D
 Acq: 02 May 2023 13:48

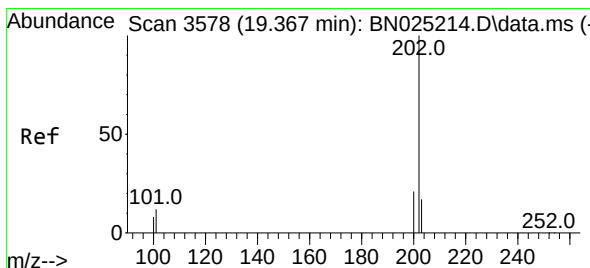
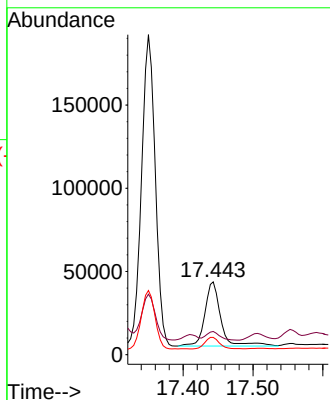
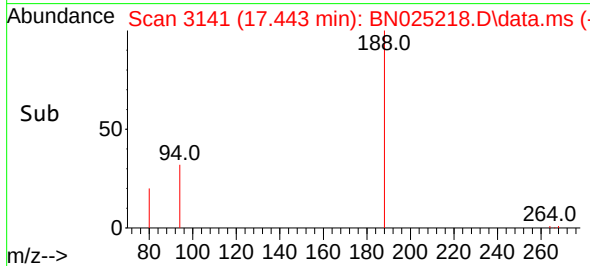
Instrument :
 BNA_N
 ClientSampleId :
 EW926



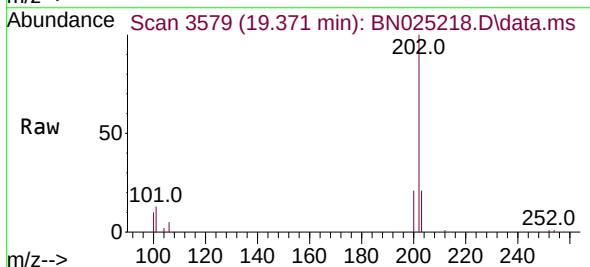
Tgt Ion:178 Resp: 60920
 Ion Ratio Lower Upper
 178 100
 179 31.8 12.7 19.1
 176 23.9 15.3 22.9

Manual Integrations
 APPROVED

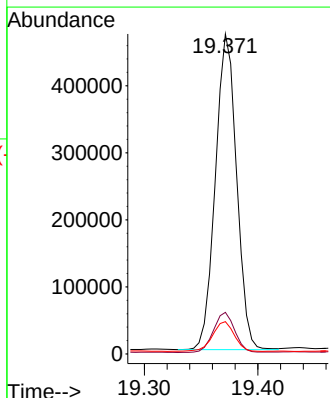
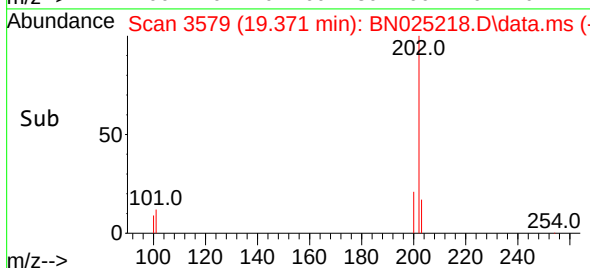
Reviewed By :Christian Giraldo 05/03/2023
 Supervised By :Jagrut Upadhyay 05/03/2023

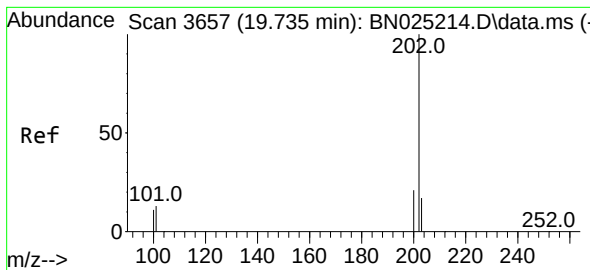


#19
 Fluoranthene
 Concen: 3.264 ng/ul
 RT: 19.371 min Scan# 3579
 Delta R.T. 0.004 min
 Lab File: BN025218.D
 Acq: 02 May 2023 13:48



Tgt Ion:202 Resp: 611435
 Ion Ratio Lower Upper
 202 100
 101 13.0 9.7 14.5
 100 10.1 7.3 10.9





#20

Pyrene

Concen: 2.837 ng/ul

RT: 19.734 min Scan# 30

Delta R.T. -0.001 min

Lab File: BN025218.D

Acq: 02 May 2023 13:48

Instrument :

BNA_N

ClientSampleId :

EW926

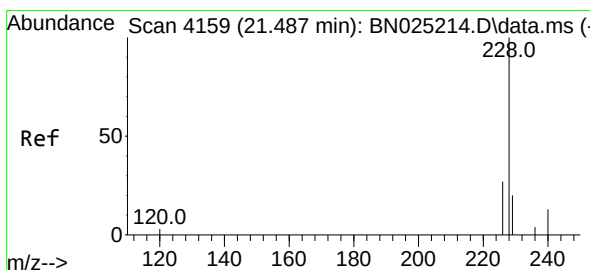
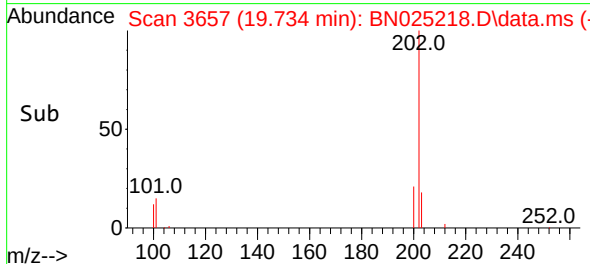
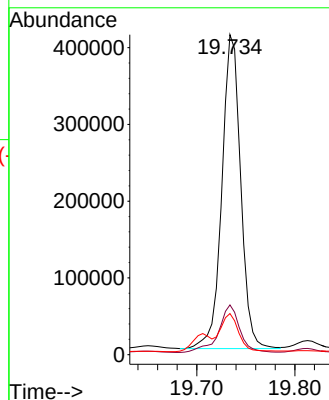
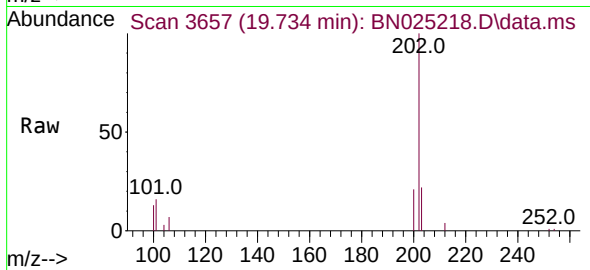
Tgt Ion:	202	Resp:	54592
Ion Ratio	Lower	Upper	
202	100		
101	15.5	11.3	16.9
100	12.9	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/03/2023

Supervised By :Jagrut Upadhyay 05/03/2023



#21

Benzo(a)anthracene

Concen: 1.756 ng/ul

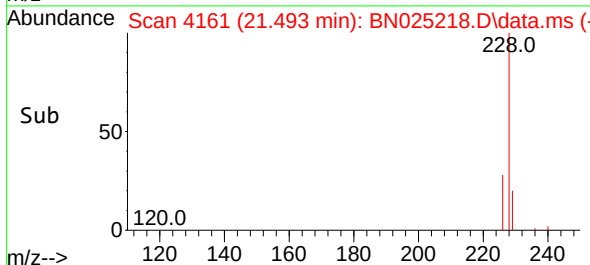
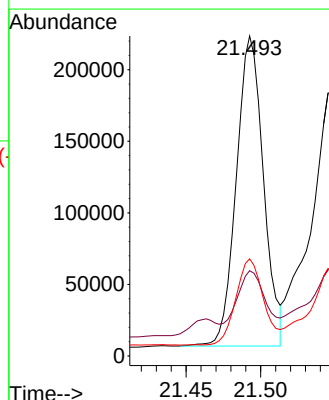
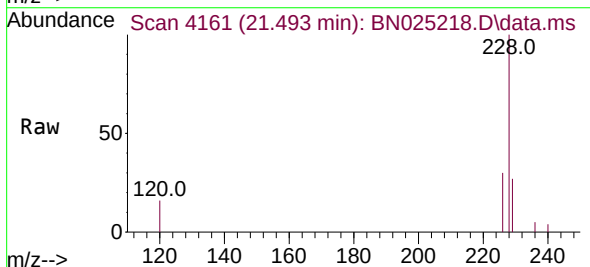
RT: 21.493 min Scan# 4161

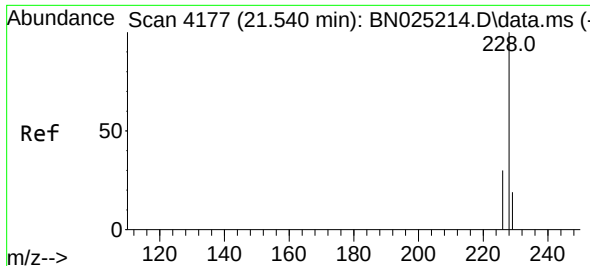
Delta R.T. 0.005 min

Lab File: BN025218.D

Acq: 02 May 2023 13:48

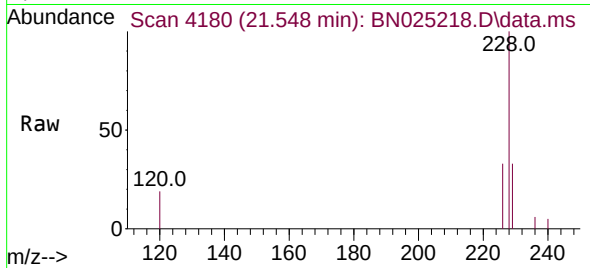
Tgt Ion:	228	Resp:	274054
Ion Ratio	Lower	Upper	
228	100		
229	26.7	15.6	23.4
226	30.3	22.1	33.1





#22
Chrysene
Concen: 1.719 ng/ul
RT: 21.548 min Scan# 4177
Delta R.T. 0.008 min
Lab File: BN025218.D
Acq: 02 May 2023 13:48

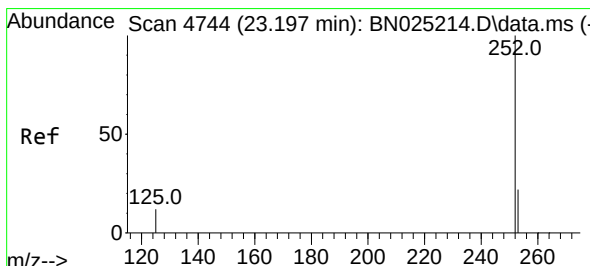
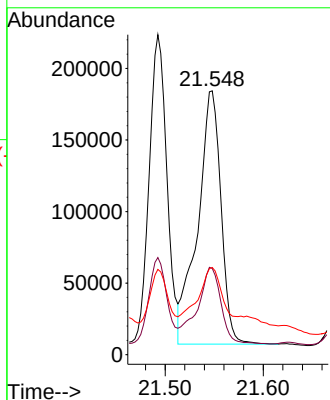
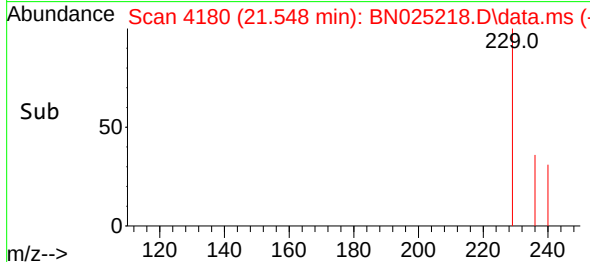
Instrument :
BNA_N
ClientSampleId :
EW926



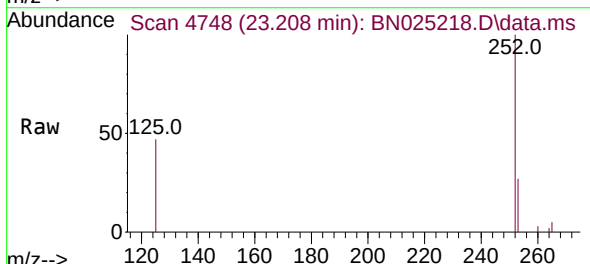
Tgt Ion:228 Resp: 292719
Ion Ratio Lower Upper
228 100
226 32.7 24.5 36.7
229 33.0 15.8 23.6

Manual Integrations
APPROVED

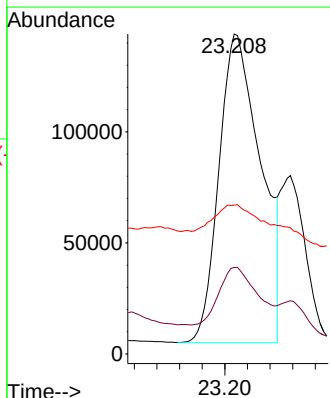
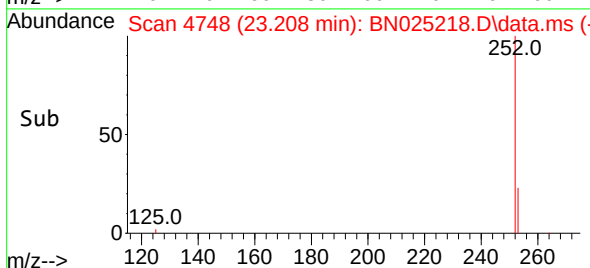
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

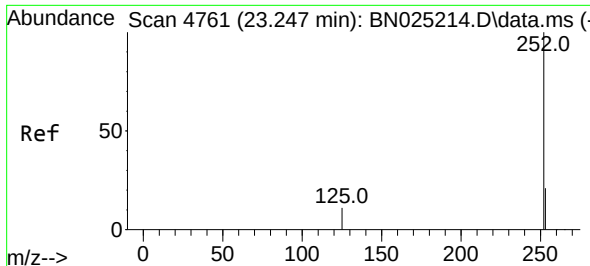


#24
Benzo(b)fluoranthene
Concen: 2.711 ng/ul m
RT: 23.208 min Scan# 4748
Delta R.T. 0.011 min
Lab File: BN025218.D
Acq: 02 May 2023 13:48



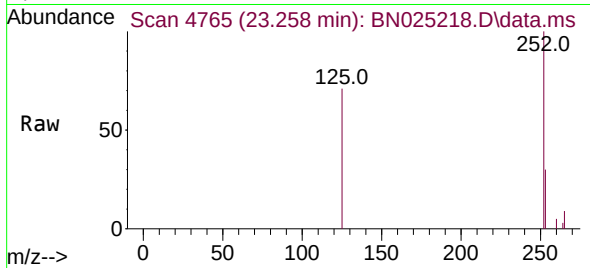
Tgt Ion:252 Resp: 357115
Ion Ratio Lower Upper
252 100
253 27.1 0.0 50.2
125 46.5 0.0 30.4





#25
Benzo(k)fluoranthene
Concen: 0.928 ng/ul m
RT: 23.258 min Scan# 4765
Delta R.T. 0.011 min
Lab File: BN025218.D
Acq: 02 May 2023 13:48

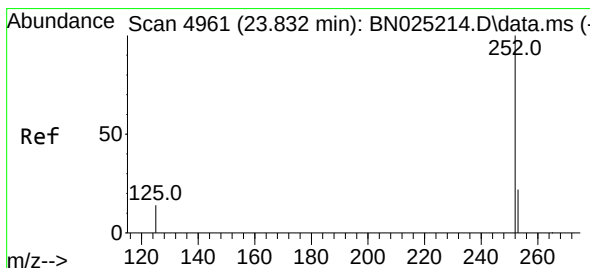
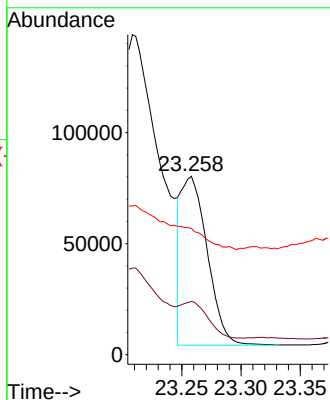
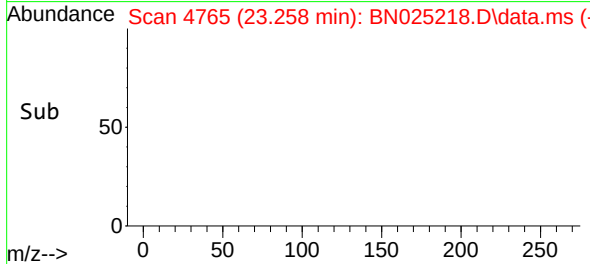
Instrument :
BNA_N
ClientSampleId :
EW926



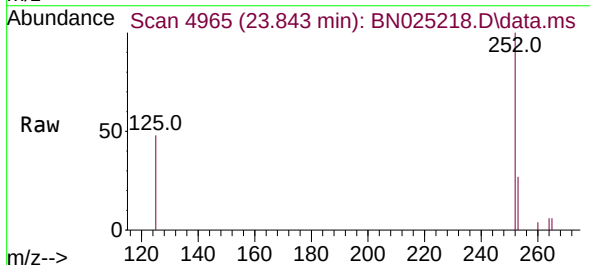
Tgt Ion:252 Resp: 117620
Ion Ratio Lower Upper
252 100
253 29.9 20.2 30.4
125 70.7 11.8 17.8

Manual Integrations
APPROVED

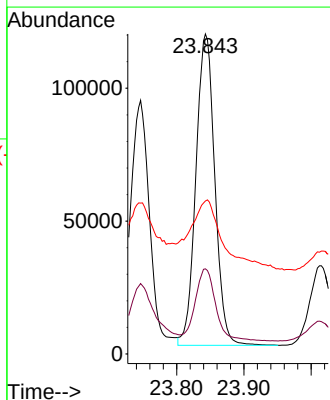
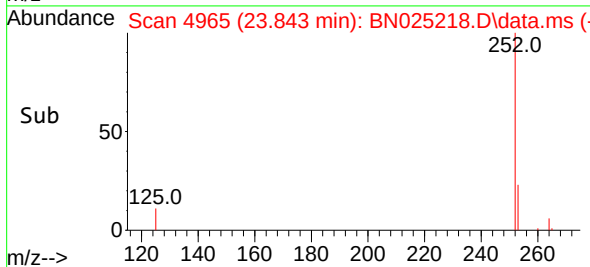
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023

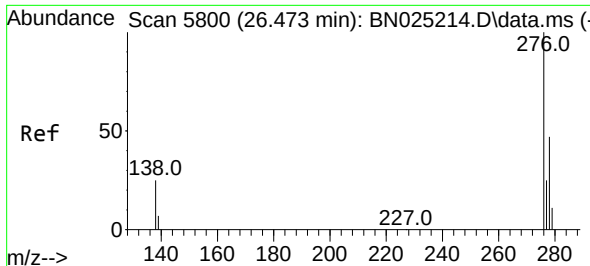


#26
Benzo(a)pyrene
Concen: 2.102 ng/ul
RT: 23.843 min Scan# 4965
Delta R.T. 0.011 min
Lab File: BN025218.D
Acq: 02 May 2023 13:48



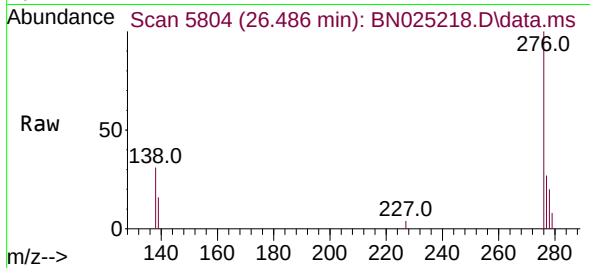
Tgt Ion:252 Resp: 229123
Ion Ratio Lower Upper
252 100
253 26.6 21.4 32.2
125 47.8 14.6 22.0





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.147 ng/ul
RT: 26.486 min Scan# 5804
Delta R.T. 0.013 min
Lab File: BN025218.D
Acq: 02 May 2023 13:48

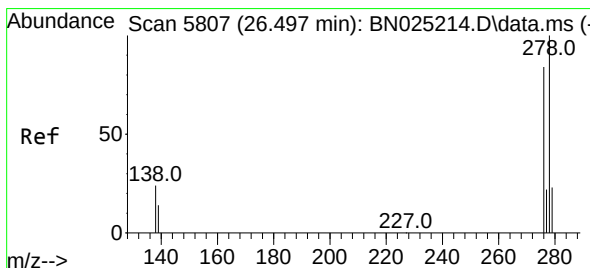
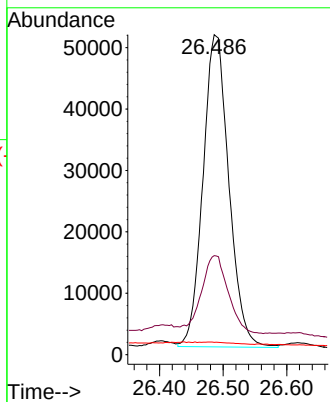
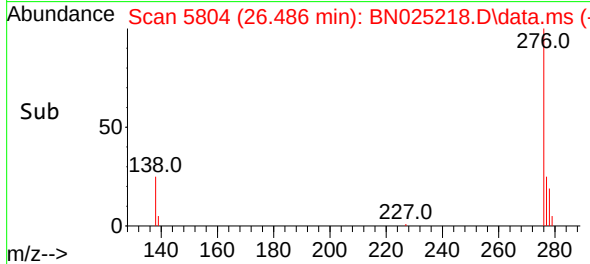
Instrument :
BNA_N
ClientSampleId :
EW926



Tgt Ion:276 Resp: 14405
Ion Ratio Lower Upper
276 100
138 31.0 21.9 32.9
227 0.0 0.1 0.1

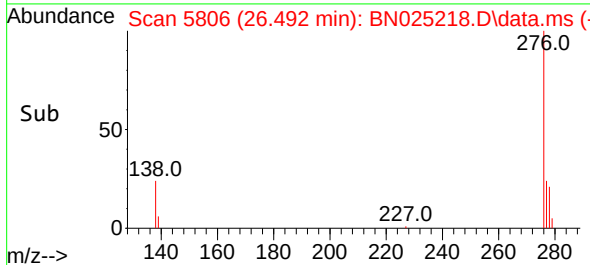
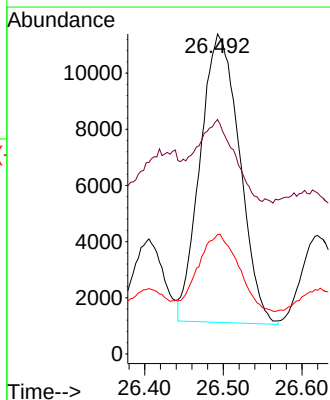
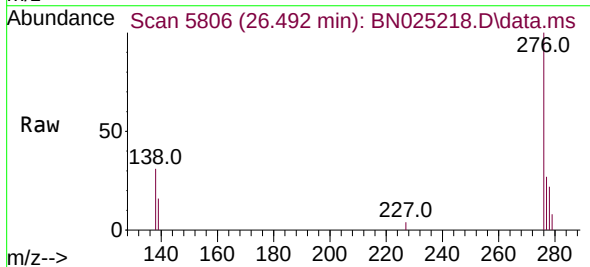
Manual Integrations
APPROVED

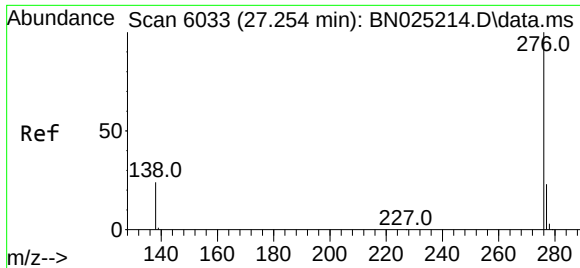
Reviewed By :Christian Giraldo 05/03/2023
Supervised By :Jagrut Upadhyay 05/03/2023



#28
Dibenzo(a,h)anthracene
Concen: 0.364 ng/ul
RT: 26.492 min Scan# 5806
Delta R.T. -0.004 min
Lab File: BN025218.D
Acq: 02 May 2023 13:48

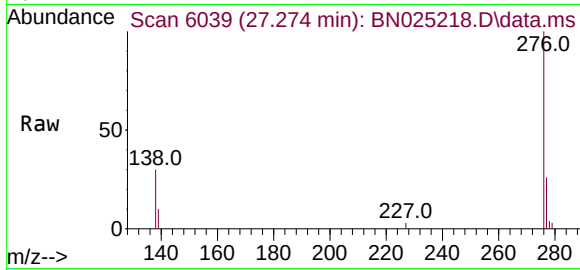
Tgt Ion:278 Resp: 35690
Ion Ratio Lower Upper
278 100
139 73.2 17.0 25.6#
279 37.4 21.8 32.8#





#29
 Benzo(g,h,i)perylene
 Concen: 1.372 ng/ul
 RT: 27.274 min Scan# 6039
 Delta R.T. 0.019 min
 Lab File: BN025218.D
 Acq: 02 May 2023 13:48

Instrument :
 BNA_N
 ClientSampleId :
 EW926



Tgt Ion: 276 Resp: 146500

Ion	Ratio	Lower	Upper
276	100		
138	29.8	20.3	30.5
277	25.7	19.8	29.6

Manual Integrations
 APPROVED

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

