

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
 Data File : BN025247.D
 Acq On : 03 May 2023 19:43
 Operator : CG/JU
 Sample : 02447-18MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW937MS

Manual Integrations
 APPROVED

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

Quant Time: May 04 04:30:50 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	8543	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	27038	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.565	164	22970m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	31557	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.491	240	24583m	0.400	ng/ul	-0.01
23) Perylene-d12	23.981	264	39931	0.400	ng/ul	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2206	0.249	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	8464	0.244	ng/ul	0.00
18) Fluoranthene-d10	19.335	212	56448m	0.871	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.335	88	5840	0.613	ng/ul#	77
5) Naphthalene	10.776	128	1771076	25.564	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	795616	18.750	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	711201	15.724	ng/ul	99
10) Acenaphthylene	14.288	152	2522859	29.483	ng/ul	99
11) Acenaphthene	14.630	153	2610461	36.191	ng/ul	97
12) Fluorene	15.620	166	3771767	46.775	ng/ul	99
14) Pentachlorophenol	16.988	266	3702	0.598	ng/ul	99
15) Phenanthrene	17.368	178	27860716	312.782	ng/ul	95
16) Anthracene	17.469	178	13364365	183.403	ng/ul	96
19) Fluoranthene	19.391	202	35143186	395.326	ng/ul#	87
20) Pyrene	19.758	202	32541665	356.283	ng/ul#	91
21) Benzo(a)anthracene	21.520	228	23043518	311.072	ng/ul#	79
22) Chrysene	21.581	228	22515572	278.626	ng/ul#	90
24) Benzo(b)fluoranthene	23.265	252	33717778m	208.128	ng/ul	
25) Benzo(k)fluoranthene	23.318	252	10362531m	66.499	ng/ul	
26) Benzo(a)pyrene	23.926	252	25556103m	190.660	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.608	276	19379772	125.485	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.594	278	5523262	45.785	ng/ul	99
29) Benzo(g,h,i)perylene	27.403	276	17304122	131.771	ng/ul	98

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

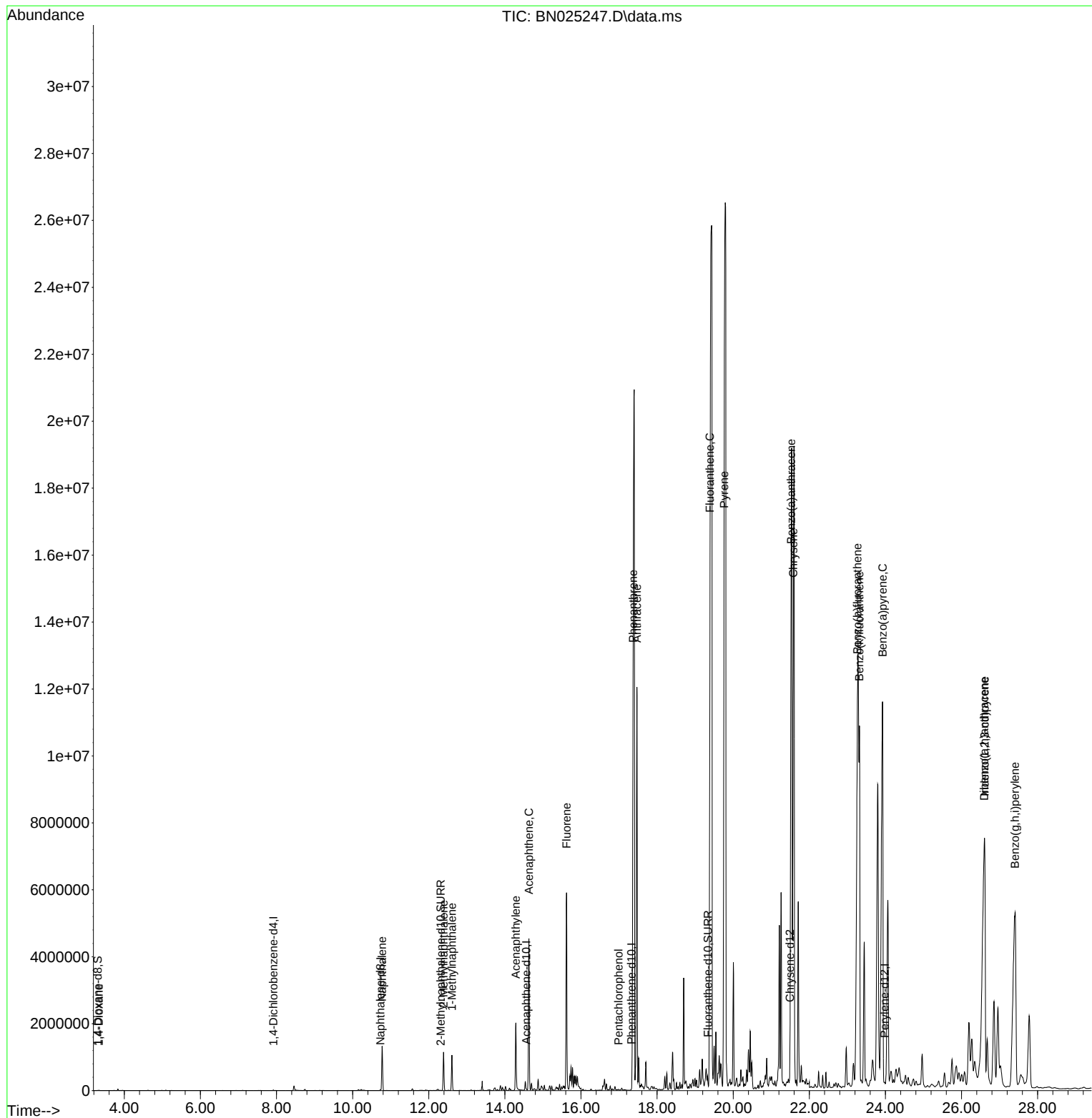
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025247.D
Acq On : 03 May 2023 19:43
Operator : CG/JU
Sample : 02447-18MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

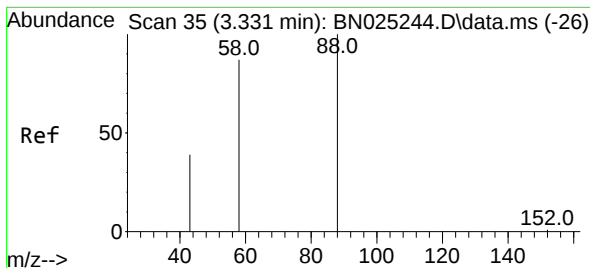
Instrument :
BNA_N
ClientSampleId :
EW937MS

Quant Time: May 04 04:30:50 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

Manual Integrations
APPROVED

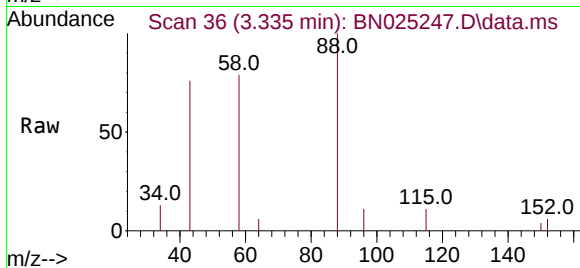
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023





#2
1,4-Dioxane
Concen: 0.613 ng/ul
RT: 3.335 min Scan# 30
Delta R.T. 0.005 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

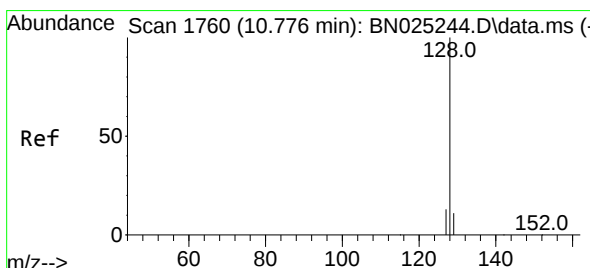
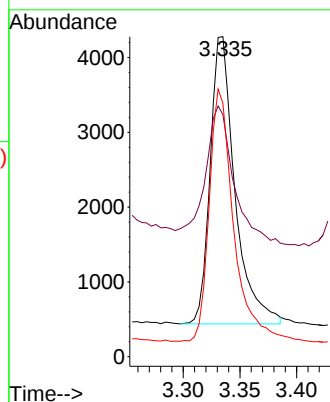
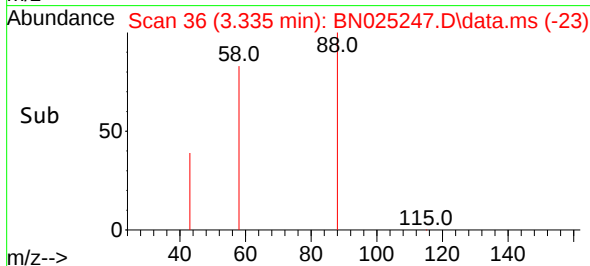
Instrument :
BNA_N
ClientSampleId :
EW937MS



Tgt Ion: 88 Resp: 5840
Ion Ratio Lower Upper
88 100
43 75.6 37.0 55.4
58 79.2 56.9 85.3

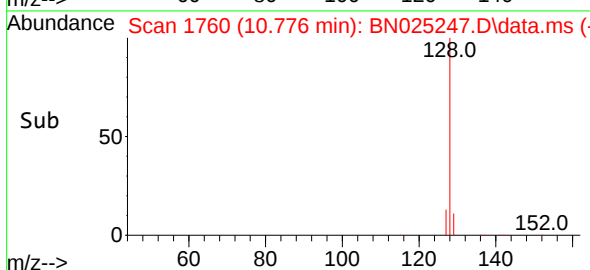
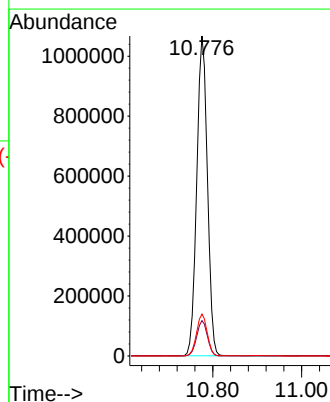
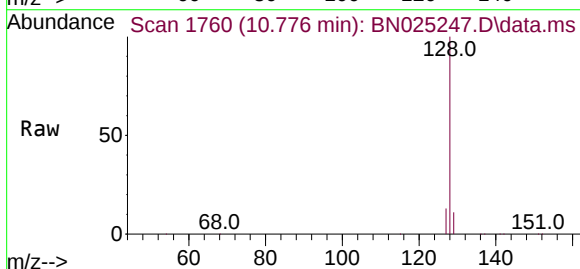
Manual Integrations
APPROVED

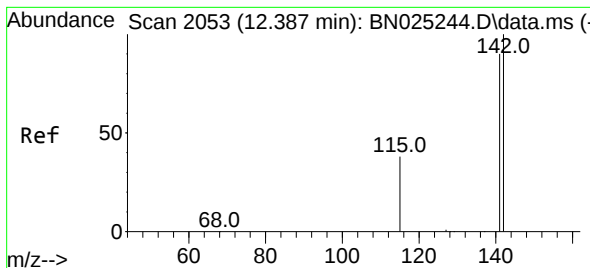
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#5
Naphthalene
Concen: 25.564 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.007 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

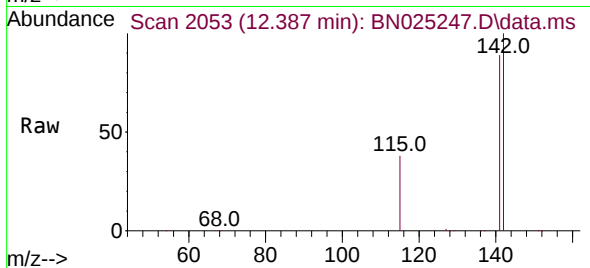
Tgt Ion:128 Resp: 1771076
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.1 10.7 16.1





#7
2-Methylnaphthalene
Concen: 18.750 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.002 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

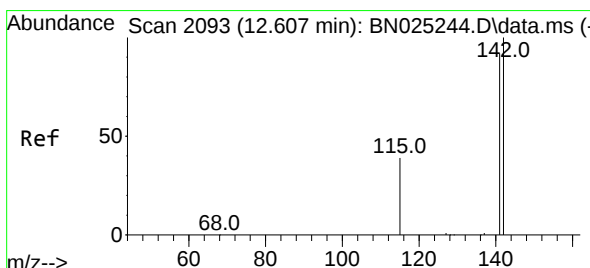
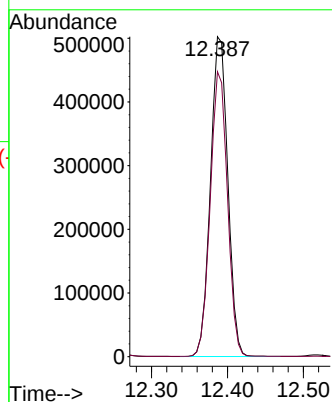
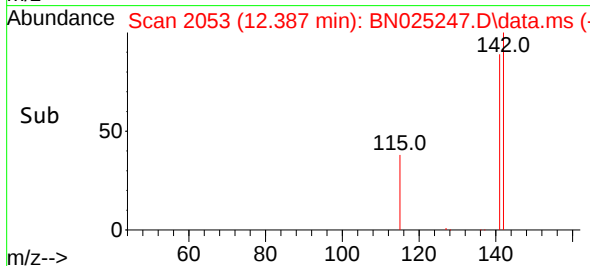
Instrument :
BNA_N
ClientSampleId :
EW937MS



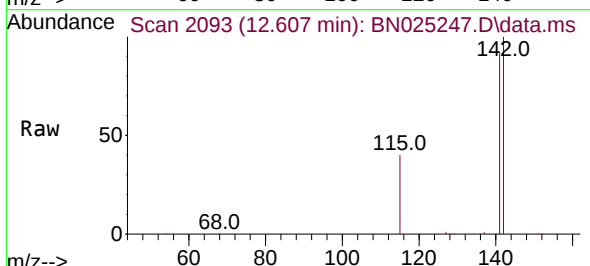
Tgt Ion:142 Resp: 795610
Ion Ratio Lower Upper
142 100
141 88.4 71.4 107.0

Manual Integrations
APPROVED

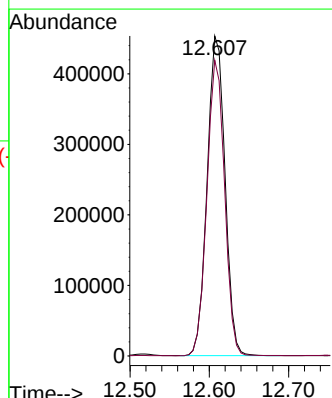
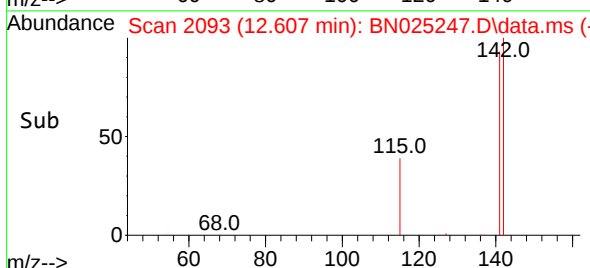
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

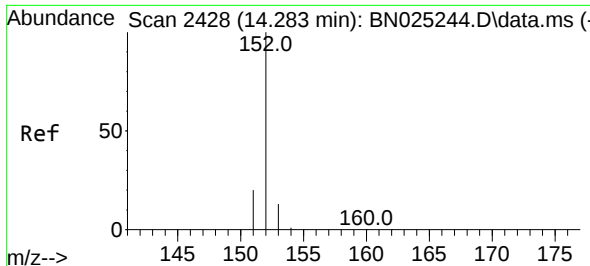


#8
1-Methylnaphthalene
Concen: 15.724 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43



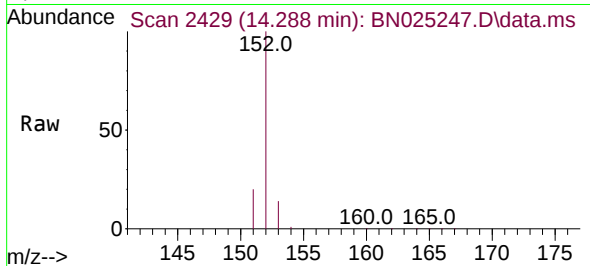
Tgt Ion:142 Resp: 711201
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.6





#10
Acenaphthylene
Concen: 29.483 ng/ul
RT: 14.288 min Scan# 2428
Delta R.T. 0.010 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

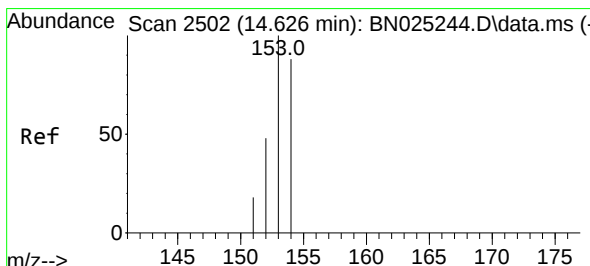
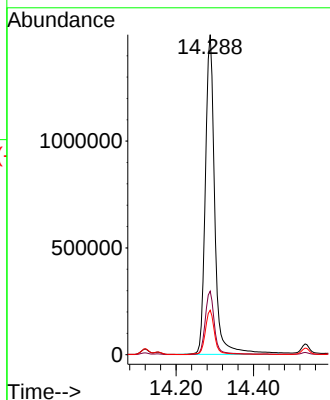
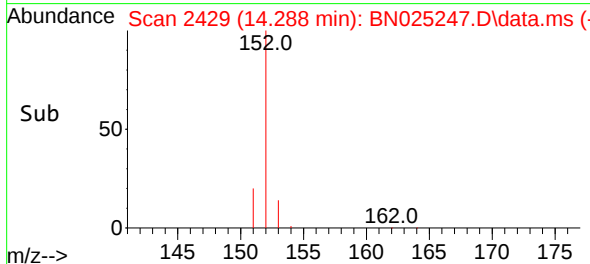
Instrument :
BNA_N
ClientSampleId :
EW937MS



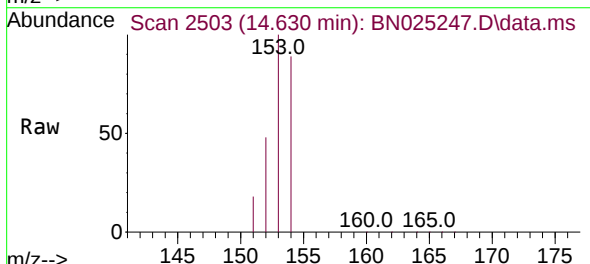
Tgt Ion:152 Resp: 2522859
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.9 10.8 16.2

Manual Integrations
APPROVED

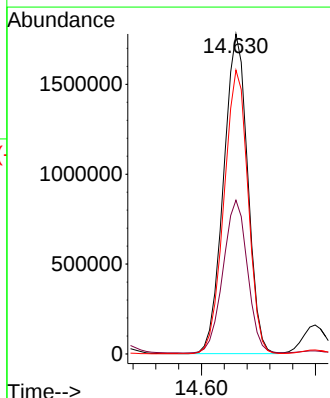
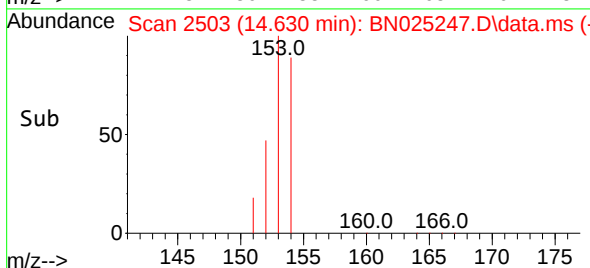
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

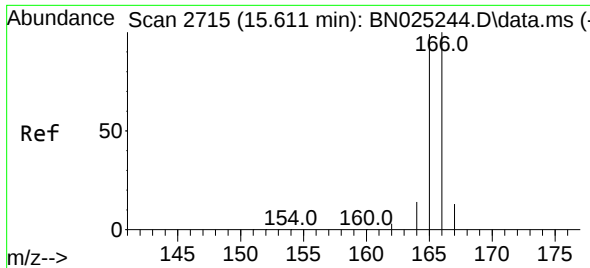


#11
Acenaphthene
Concen: 36.191 ng/ul
RT: 14.630 min Scan# 2503
Delta R.T. 0.010 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43



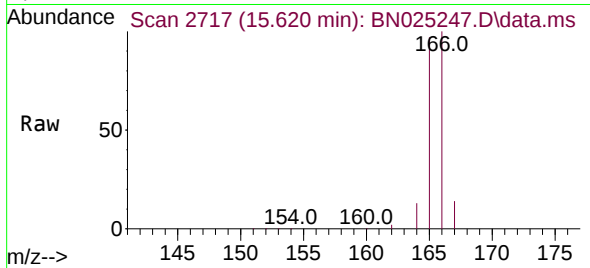
Tgt Ion:153 Resp: 2610461
Ion Ratio Lower Upper
153 100
152 48.1 40.2 60.4
154 88.7 69.4 104.2





#12
Fluorene
Concen: 46.775 ng/ul
RT: 15.620 min Scan# 21
Delta R.T. 0.010 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

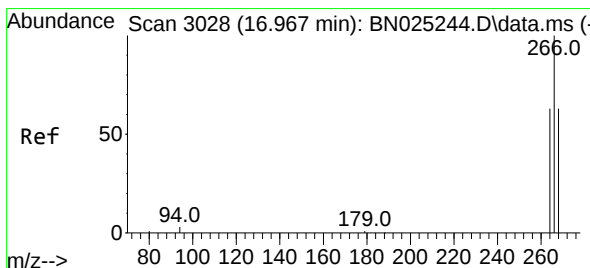
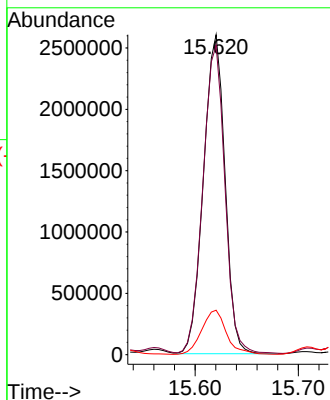
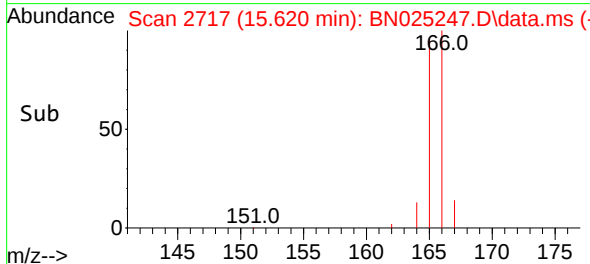
Instrument :
BNA_N
ClientSampleId :
EW937MS



Tgt Ion:166 Resp: 377176
Ion Ratio Lower Upper
166 100
165 96.6 78.1 117.1
167 13.9 11.0 16.6

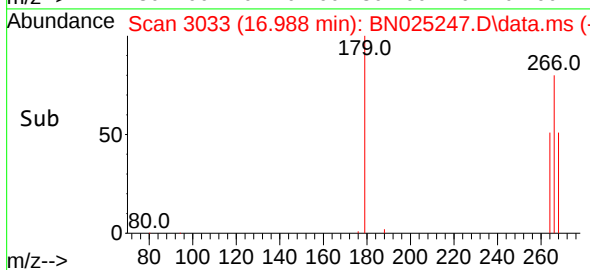
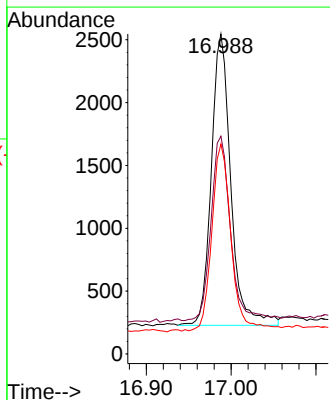
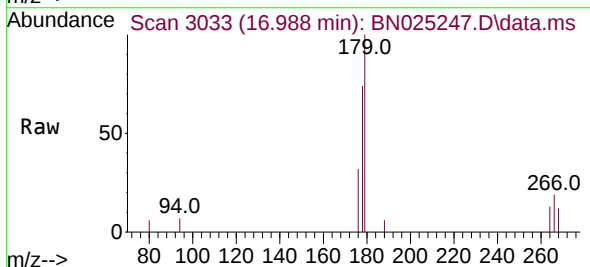
Manual Integrations
APPROVED

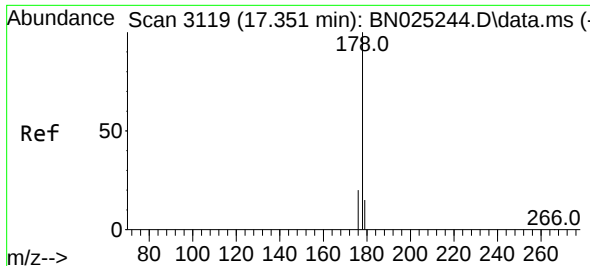
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#14
Pentachlorophenol
Concen: 0.598 ng/ul
RT: 16.988 min Scan# 3033
Delta R.T. 0.022 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

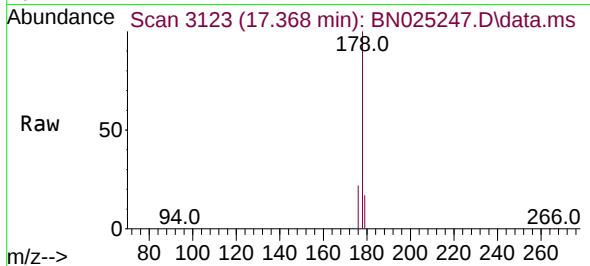
Tgt Ion:266 Resp: 3702
Ion Ratio Lower Upper
266 100
264 63.5 49.6 74.4
268 64.3 51.3 76.9





#15
Phenanthrene
Concen: 312.782 ng/u1
RT: 17.368 min Scan# 3119
Delta R.T. 0.018 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

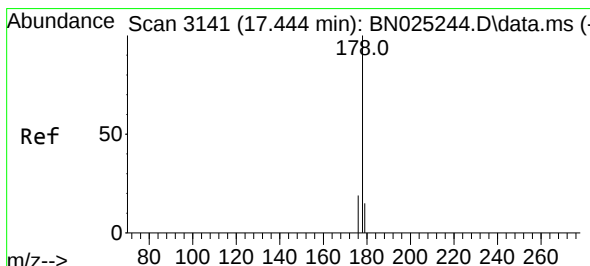
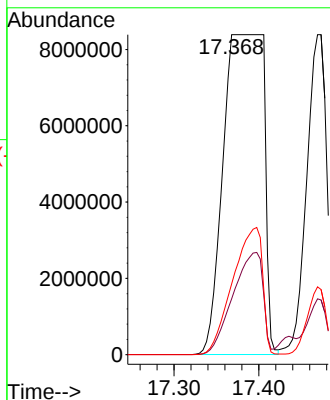
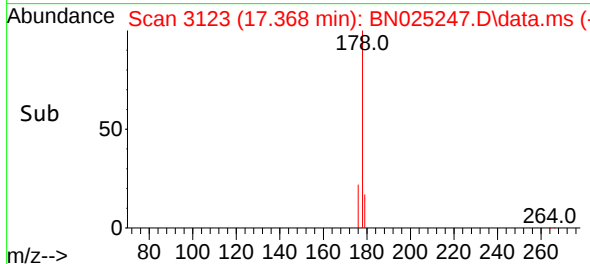
Instrument :
BNA_N
ClientSampleId :
EW937MS



Tgt Ion:178 Resp:27860710
Ion Ratio Lower Upper
178 100
179 17.5 12.5 18.7
176 22.1 15.6 23.4

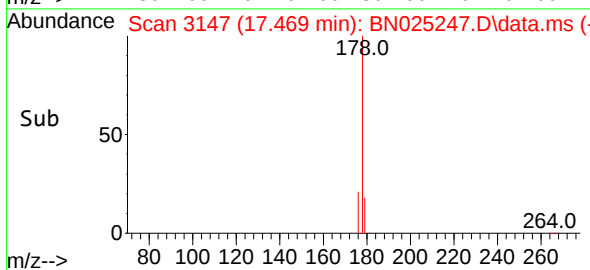
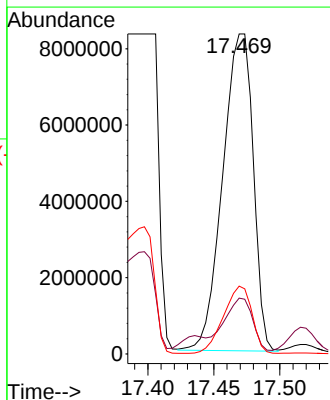
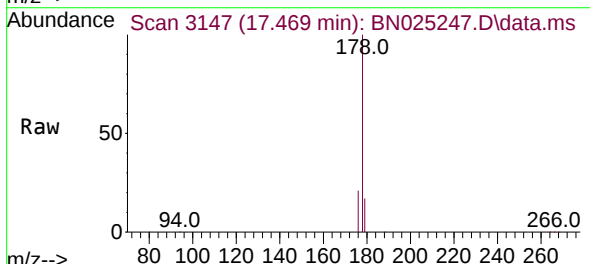
Manual Integrations
APPROVED

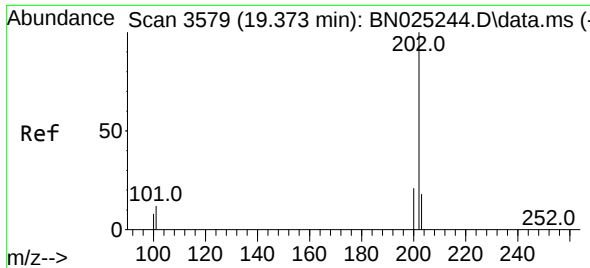
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#16
Anthracene
Concen: 183.403 ng/u1
RT: 17.469 min Scan# 3147
Delta R.T. 0.026 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

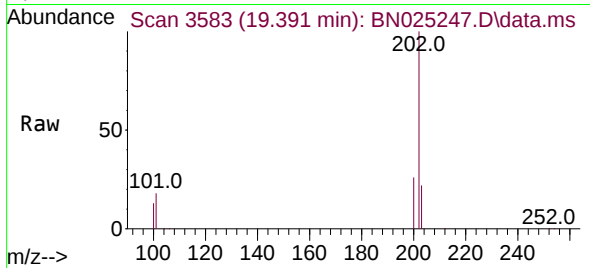
Tgt Ion:178 Resp:13364365
Ion Ratio Lower Upper
178 100
179 17.4 12.7 19.1
176 21.2 15.3 22.9





#19
Fluoranthene
Concen: 395.326 ng/u1
RT: 19.391 min Scan# 3583
Delta R.T. 0.020 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

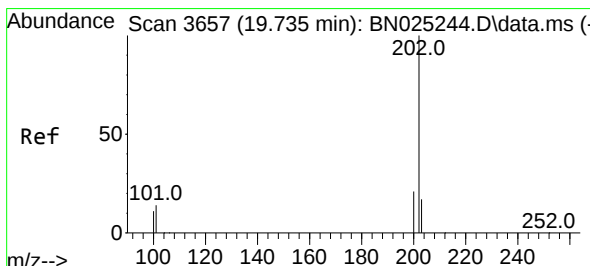
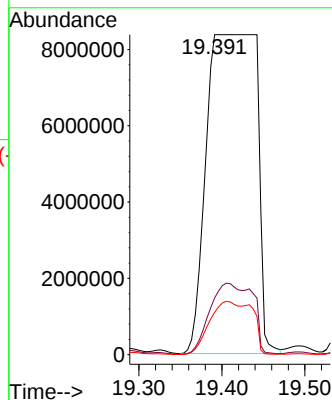
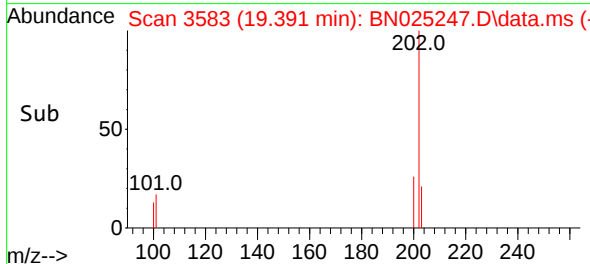
Instrument :
BNA_N
ClientSampleId :
EW937MS



Tgt Ion:202 Resp:35143180
Ion Ratio Lower Upper
202 100
101 17.7 9.7 14.5
100 13.2 7.3 10.9

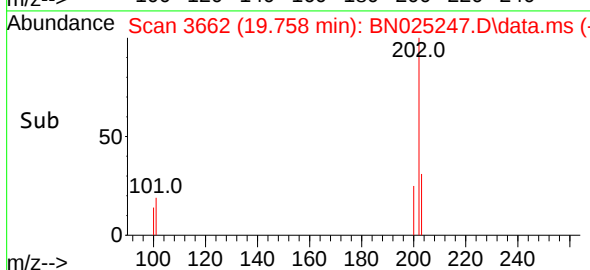
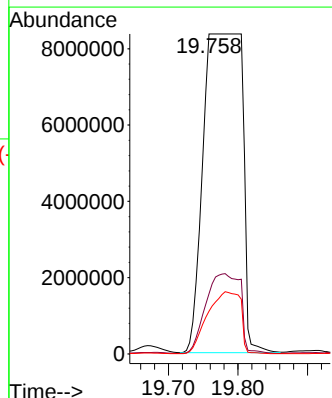
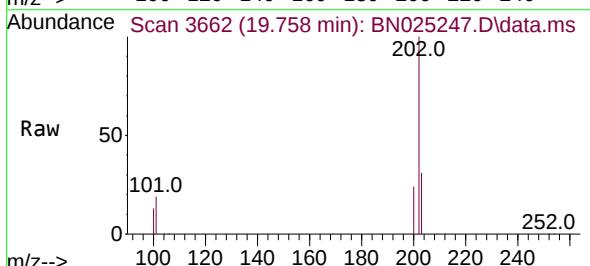
Manual Integrations
APPROVED

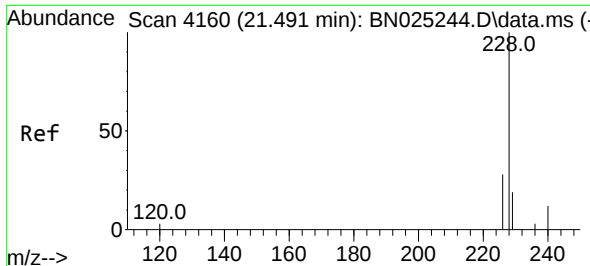
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#20
Pyrene
Concen: 356.283 ng/u1
RT: 19.758 min Scan# 3662
Delta R.T. 0.024 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

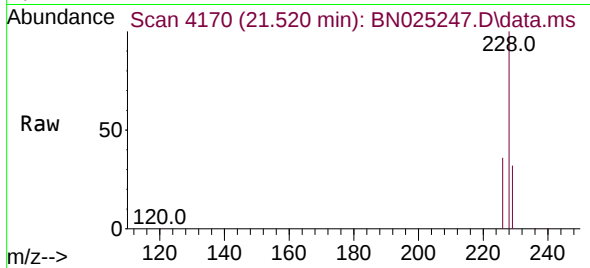
Tgt Ion:202 Resp:32541665
Ion Ratio Lower Upper
202 100
101 18.8 11.3 16.9
100 13.4 9.2 13.8





#21
Benzo(a)anthracene
Concen: 311.072 ng/u1
RT: 21.520 min Scan# 4160
Delta R.T. 0.033 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

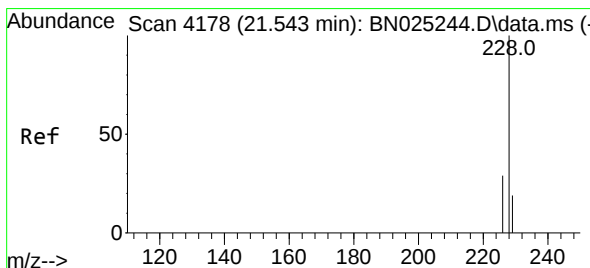
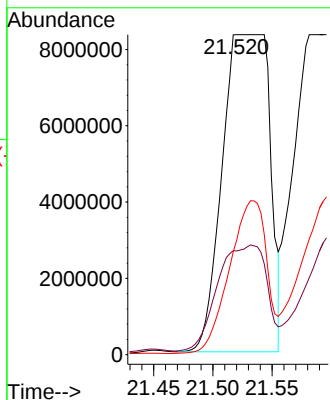
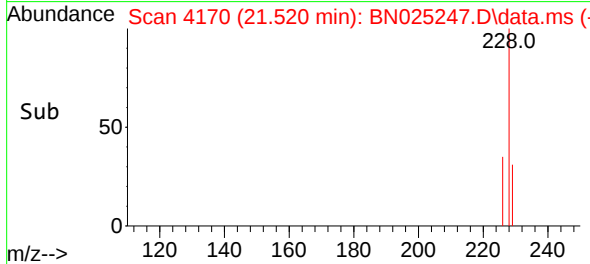
Instrument :
BNA_N
ClientSampleId :
EW937MS



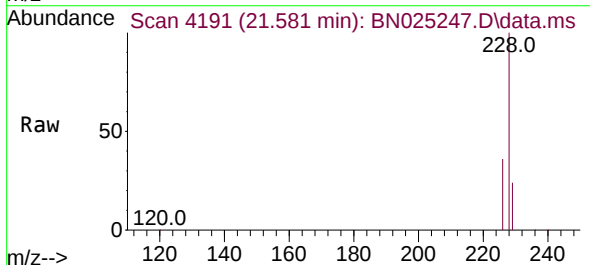
Tgt Ion:228 Resp:23043518
Ion Ratio Lower Upper
228 100
229 32.4 15.6 23.4
226 35.8 22.1 33.1

Manual Integrations
APPROVED

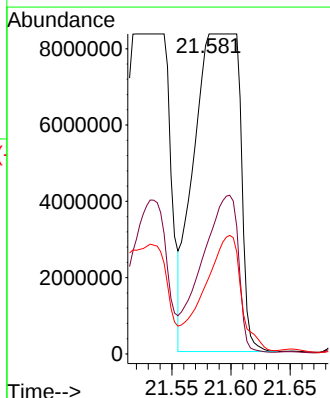
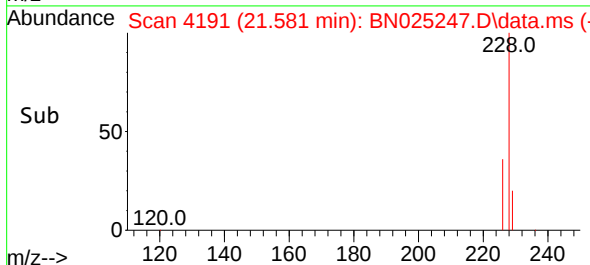
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

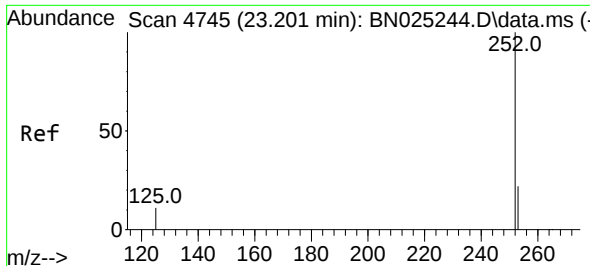


#22
Chrysene
Concen: 278.626 ng/u1
RT: 21.581 min Scan# 4191
Delta R.T. 0.042 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43



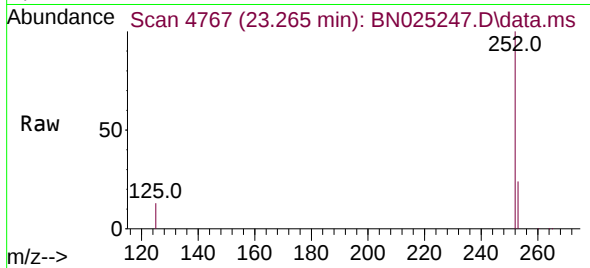
Tgt Ion:228 Resp:22515572
Ion Ratio Lower Upper
228 100
226 36.2 24.5 36.7
229 24.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 208.128 ng/ul m
RT: 23.265 min Scan# 4767
Delta R.T. 0.068 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

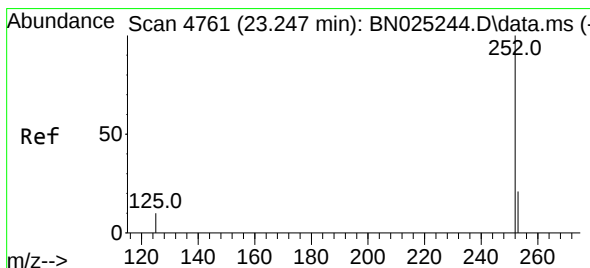
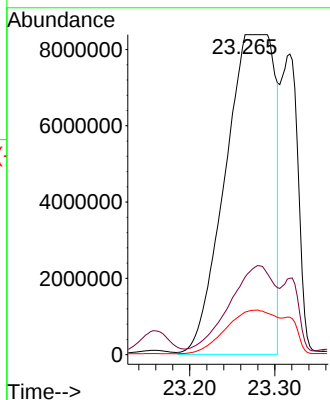
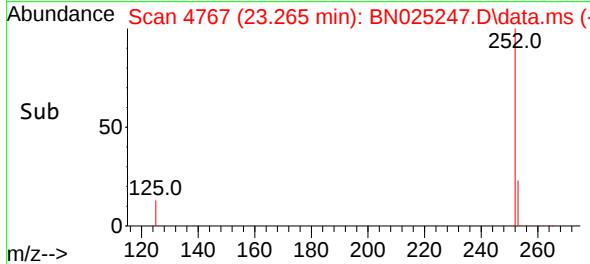
Instrument :
BNA_N
ClientSampleId :
EW937MS



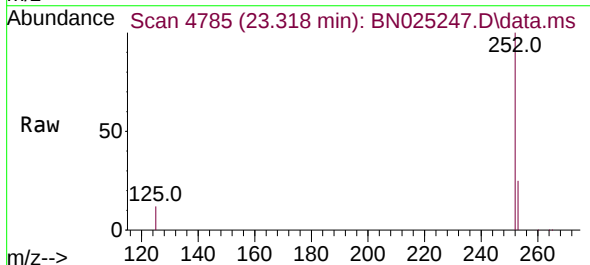
Tgt Ion:252 Resp:33717778
Ion Ratio Lower Upper
252 100
253 24.2 0.0 50.2
125 13.3 0.0 30.4

Manual Integrations
APPROVED

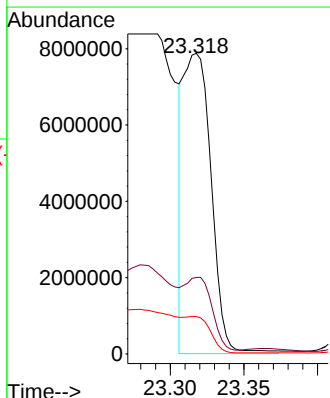
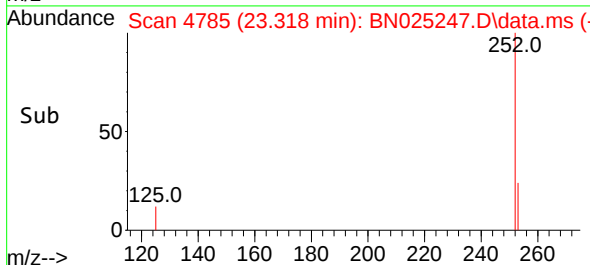
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

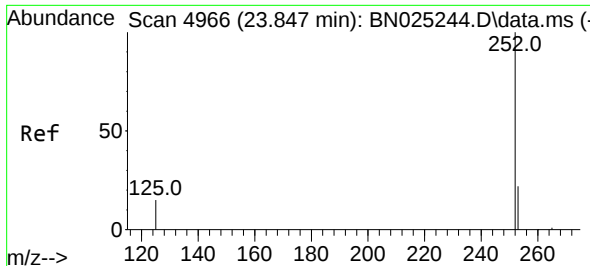


#25
Benzo(k)fluoranthene
Concen: 66.499 ng/ul m
RT: 23.318 min Scan# 4785
Delta R.T. 0.071 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43



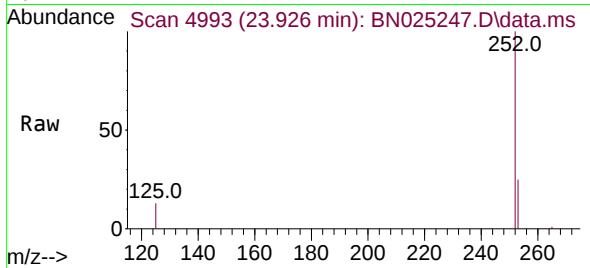
Tgt Ion:252 Resp:10362531
Ion Ratio Lower Upper
252 100
253 25.4 20.2 30.4
125 12.4 11.8 17.8





#26
Benzo(a)pyrene
Concen: 190.660 ng/ul m
RT: 23.926 min Scan# 4966
Delta R.T. 0.098 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

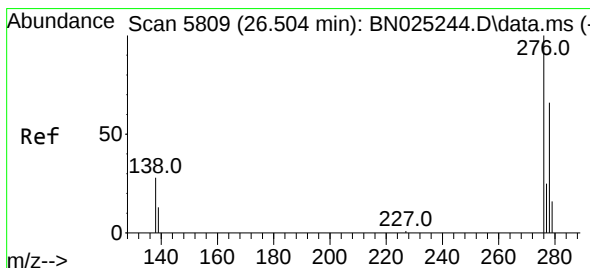
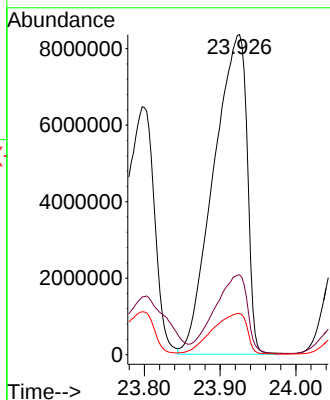
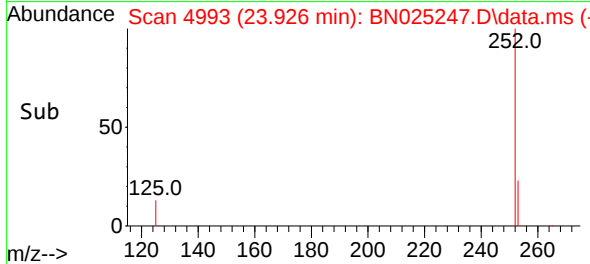
Instrument :
BNA_N
ClientSampleId :
EW937MS



Tgt Ion:252 Resp:2555610
Ion Ratio Lower Upper
252 100
253 25.0 21.4 32.2
125 12.9 14.6 22.0

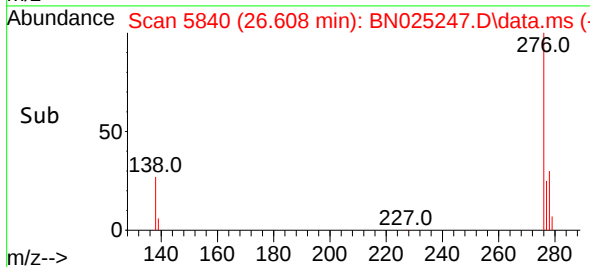
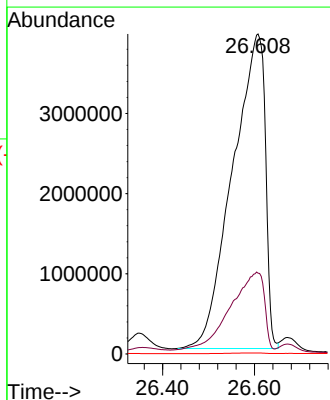
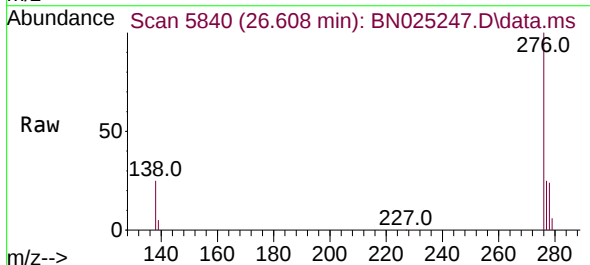
Manual Integrations
APPROVED

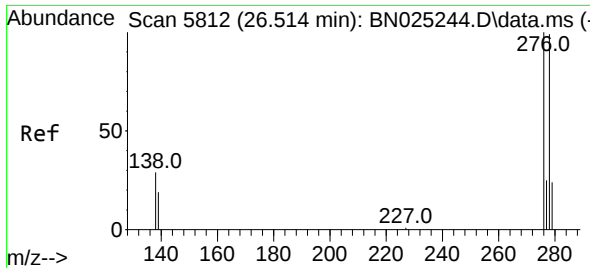
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 125.485 ng/ul
RT: 26.608 min Scan# 5840
Delta R.T. 0.132 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

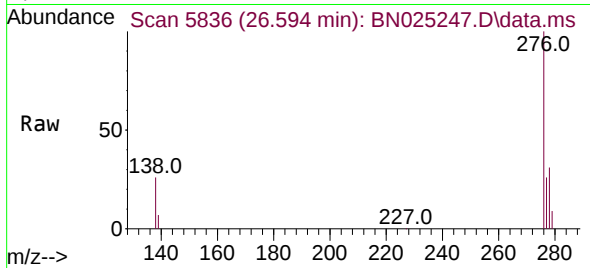
Tgt Ion:276 Resp:19379772
Ion Ratio Lower Upper
276 100
138 25.6 21.9 32.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 45.785 ng/ul
RT: 26.594 min Scan# 5836
Delta R.T. 0.102 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43

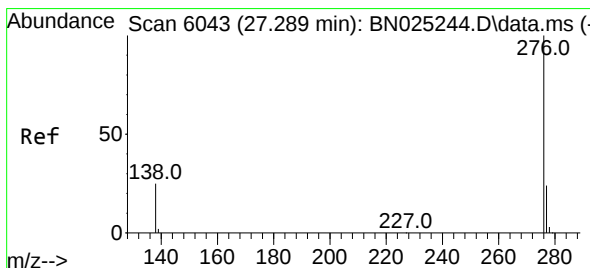
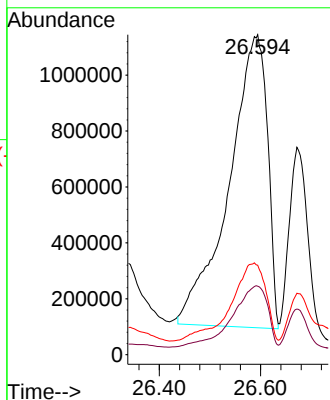
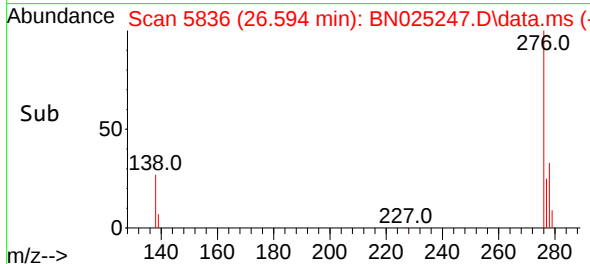
Instrument :
BNA_N
ClientSampleId :
EW937MS



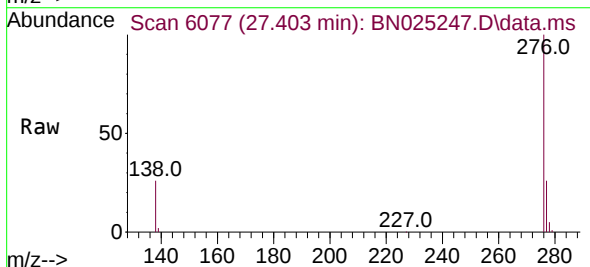
Tgt Ion:278 Resp: 552326
Ion Ratio Lower Upper
278 100
139 21.4 17.0 25.6
279 27.9 21.8 32.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 131.771 ng/ul
RT: 27.403 min Scan# 6077
Delta R.T. 0.142 min
Lab File: BN025247.D
Acq: 03 May 2023 19:43



Tgt Ion:276 Resp:17304122
Ion Ratio Lower Upper
276 100
138 26.4 20.3 30.5
277 25.8 19.8 29.6

