

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039761.D
 Acq On : 29 Apr 2023 06:44
 Operator : CG/JU
 Sample : 02417-02DL 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8W8DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/01/2023
 Supervised By : Jagrut Upadhyay 05/01/2023

Quant Time: May 01 01:32:45 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 29 04:28:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	4488	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.595	136	17671	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.446	164	11577	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	23597	0.400	ng/ul	0.00
17) Chrysene-d12	21.395	240	14734	0.400	ng/ul	0.00
23) Perylene-d12	23.742	264	11403	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2922	0.442	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	874	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.234	212	1993	0.050	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	87558	1.973	ng/ul	98
7) 2-Methylnaphthalene	12.267	142	22991	0.898	ng/ul	96
8) 1-Methylnaphthalene	12.487	142	15449	0.562	ng/ul	99
10) Acenaphthylene	14.168	152	5218	0.116	ng/ul#	91
11) Acenaphthene	14.506	153	24742	0.703	ng/ul	98
12) Fluorene	15.501	166	28273	0.724	ng/ul	98
15) Phenanthrene	17.238	178	479676	7.716	ng/ul	98
16) Anthracene	17.331	178	97796	1.832	ng/ul	98
19) Fluoranthene	19.262	202	694679	13.216	ng/ul	98
20) Pyrene	19.624	202	576903	10.163	ng/ul	99
21) Benzo(a)anthracene	21.378	228	240936	5.687	ng/ul	99
22) Chrysene	21.430	228	209169	4.363	ng/ul	98
24) Benzo(b)fluoranthene	23.029	252	250548	6.256	ng/ul	92
25) Benzo(k)fluoranthene	23.070	252	70094m	1.719	ng/ul	
26) Benzo(a)pyrene	23.637	252	161278	4.486	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.162	276	115954	2.550	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.169	278	24290	0.688	ng/ul	99
29) Benzo(g,h,i)perylene	26.910	276	101610	2.565	ng/ul	97

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

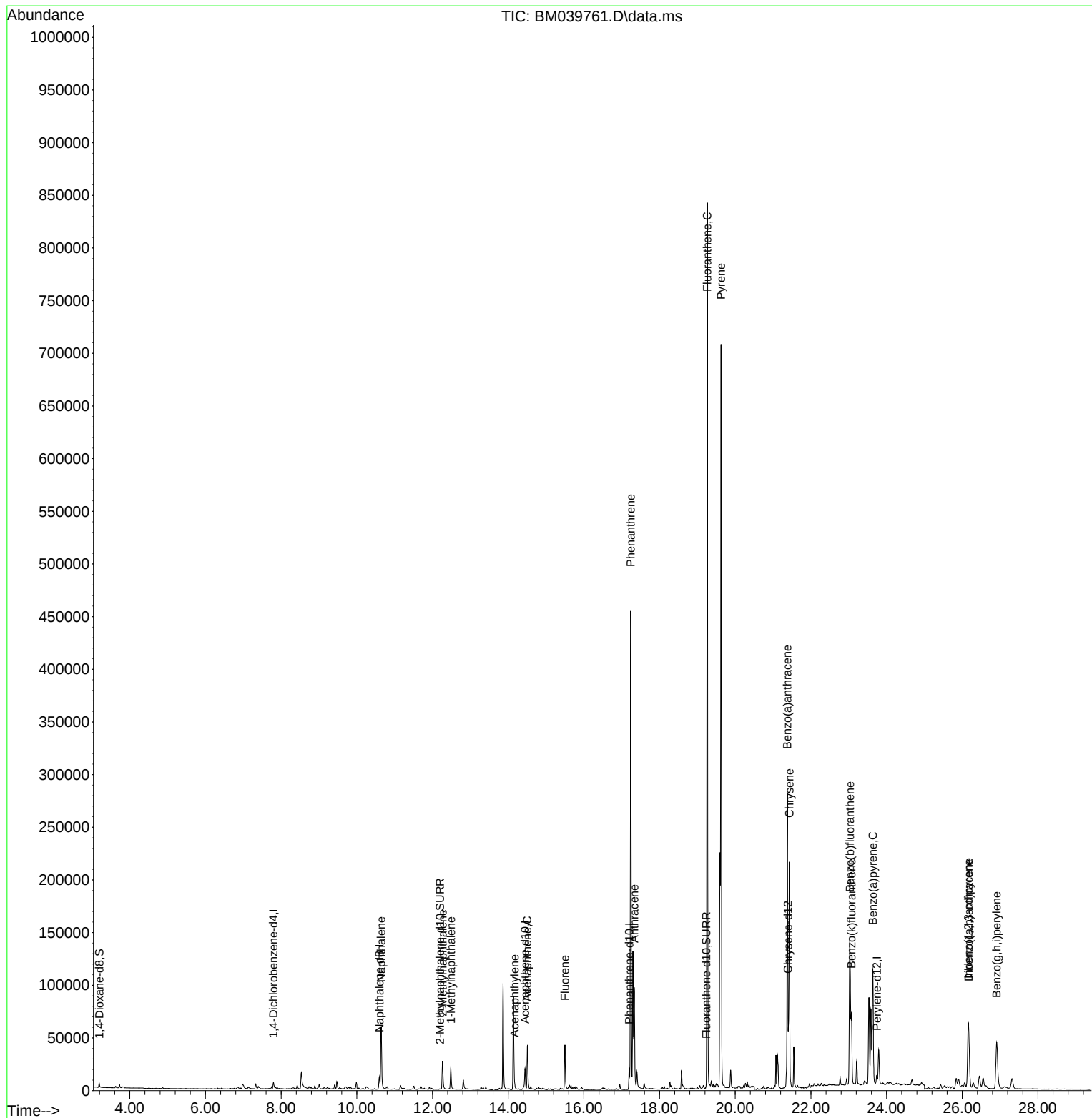
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
Data File : BM039761.D
Acq On : 29 Apr 2023 06:44
Operator : CG/JU
Sample : 02417-02DL 5X
Misc :
ALS Vial : 65 Sample Multiplier: 1

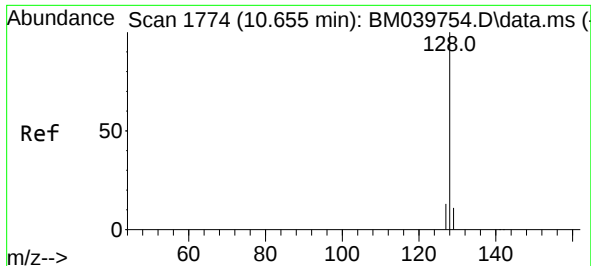
Instrument :
BNA_M
ClientSampleId :
EW8W8DL

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 05/01/2023
Supervised By : Jagrut Upadhyay 05/01/2023

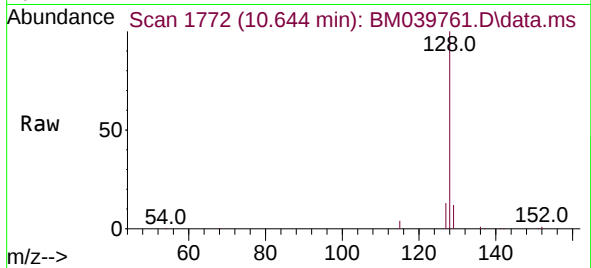
Quant Time: May 01 01:32:45 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.973 ng/ul
RT: 10.644 min Scan# 1774
Delta R.T. -0.011 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

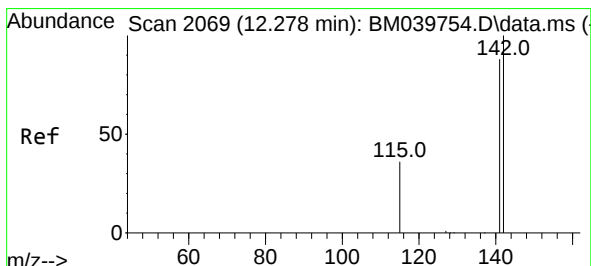
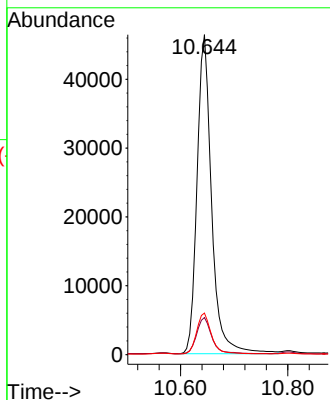
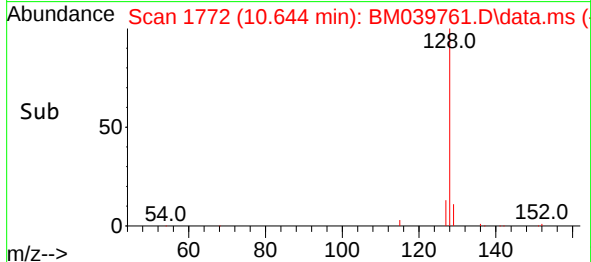
Instrument :
BNA_M
ClientSampleId :
EW8W8DL



Tgt Ion:128 Resp: 87558
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.6
127 13.0 11.1 16.7

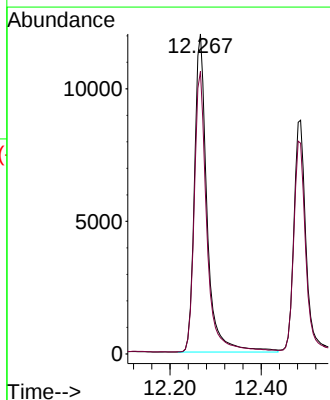
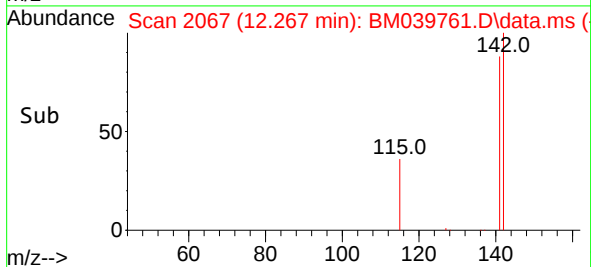
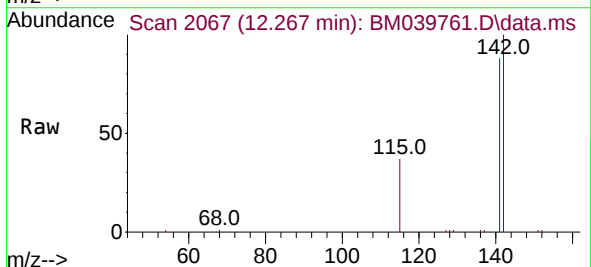
Manual Integrations
APPROVED

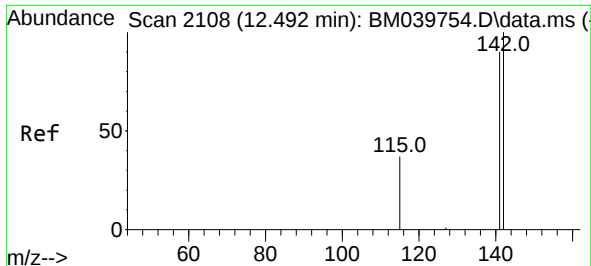
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#7
2-Methylnaphthalene
Concen: 0.898 ng/ul
RT: 12.267 min Scan# 2067
Delta R.T. -0.011 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

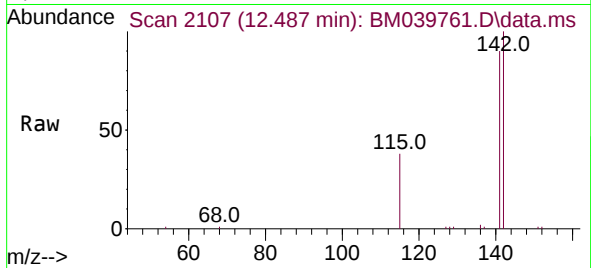
Tgt Ion:142 Resp: 22991
Ion Ratio Lower Upper
142 100
141 88.1 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.562 ng/ul
RT: 12.487 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

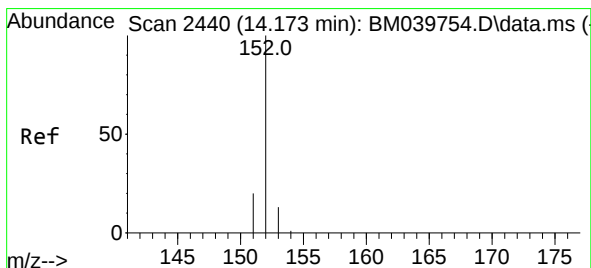
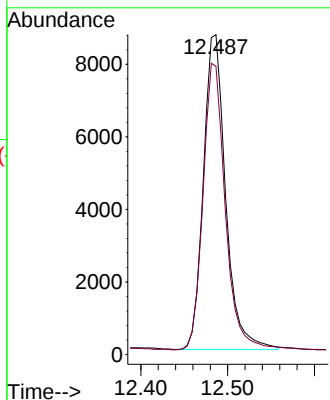
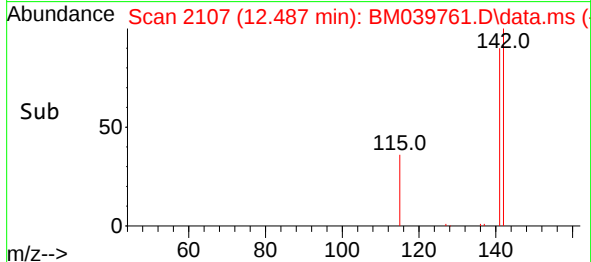
Instrument :
BNA_M
ClientSampleId :
EW8W8DL



Tgt Ion:142 Resp: 15449
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.2

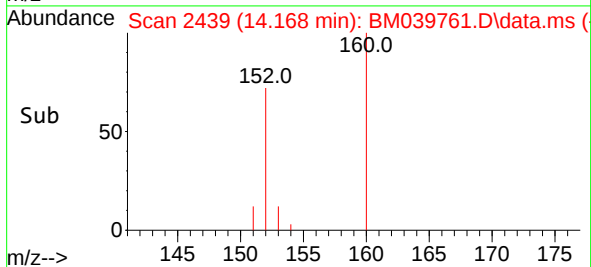
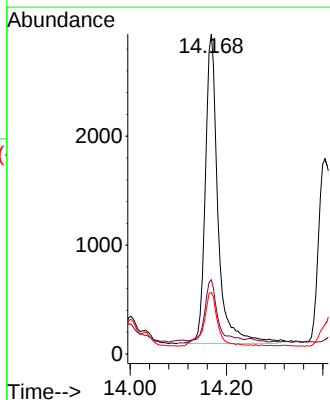
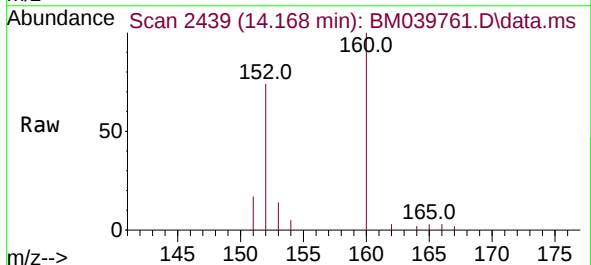
Manual Integrations
APPROVED

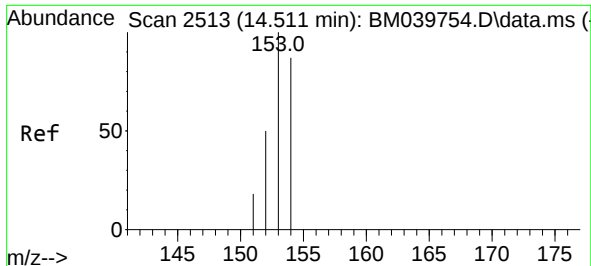
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#10
Acenaphthylene
Concen: 0.116 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

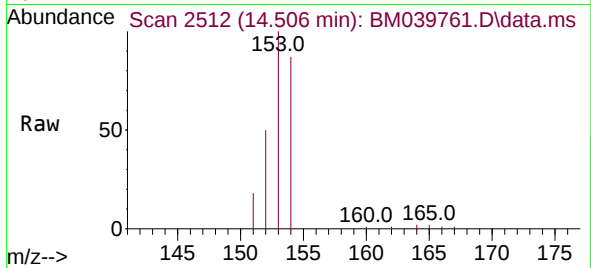
Tgt Ion:152 Resp: 5218
Ion Ratio Lower Upper
152 100
151 23.2 16.0 24.0
153 19.2 11.2 16.8#





#11
Acenaphthene
Concen: 0.703 ng/ul
RT: 14.506 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

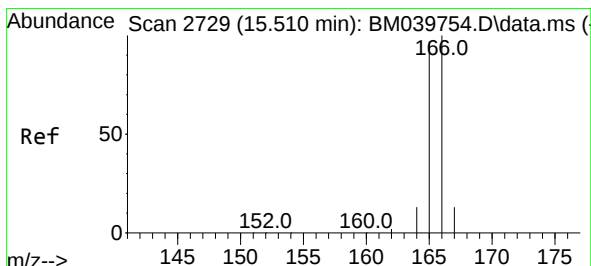
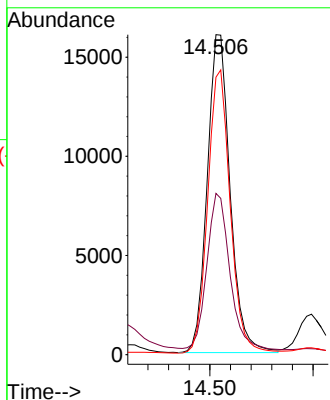
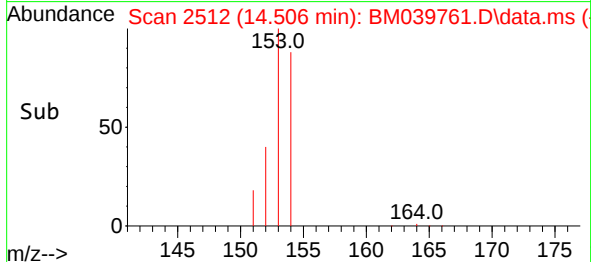
Instrument :
BNA_M
ClientSampleId :
EW8W8DL



Tgt Ion:153 Resp: 24742
Ion Ratio Lower Upper
153 100
152 50.4 40.6 61.0
154 86.7 71.9 107.9

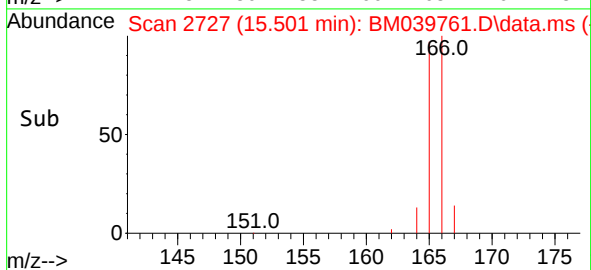
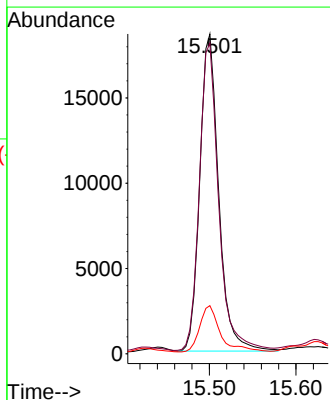
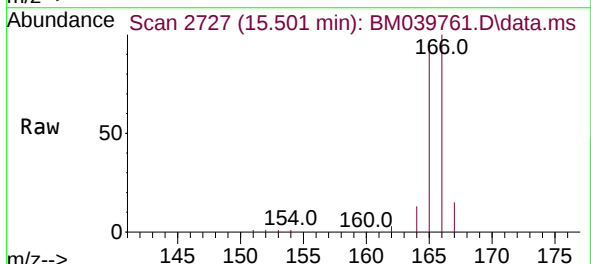
Manual Integrations
APPROVED

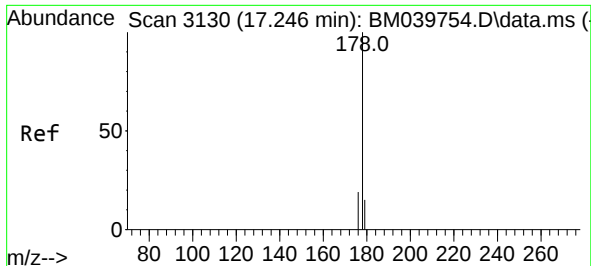
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#12
Fluorene
Concen: 0.724 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.009 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

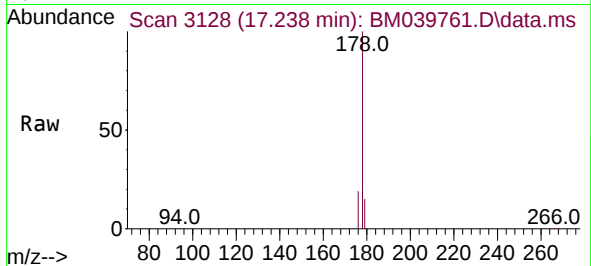
Tgt Ion:166 Resp: 28273
Ion Ratio Lower Upper
166 100
165 97.1 79.0 118.6
167 15.1 11.8 17.6





#15
Phenanthrene
Concen: 7.716 ng/ul
RT: 17.238 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

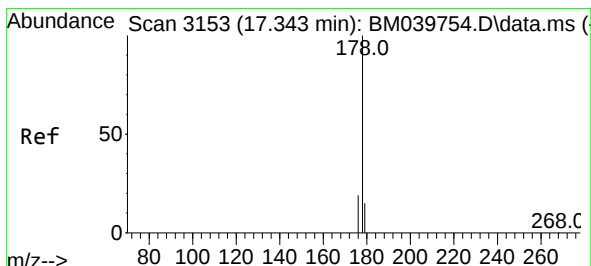
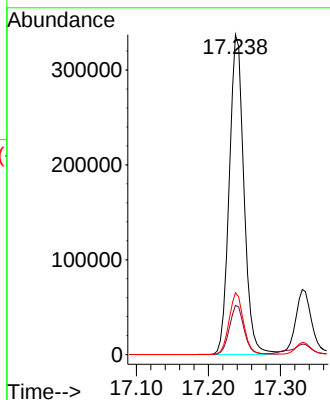
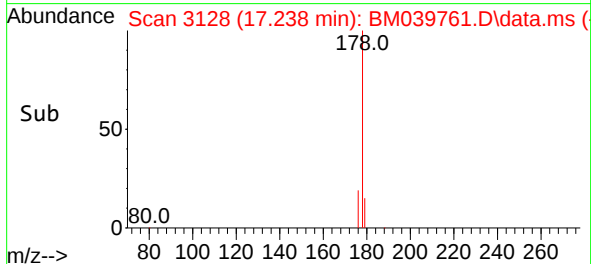
Instrument :
BNA_M
ClientSampleId :
EW8W8DL



Tgt Ion:178 Resp: 479676
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.3 15.8 23.8

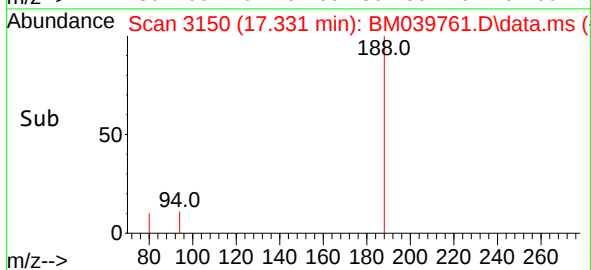
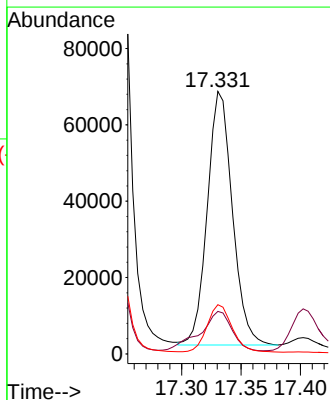
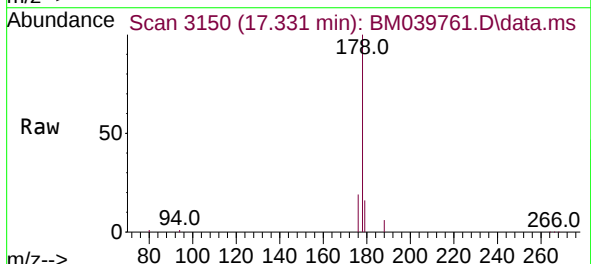
Manual Integrations
APPROVED

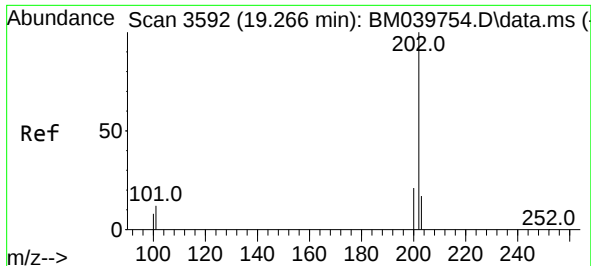
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#16
Anthracene
Concen: 1.832 ng/ul
RT: 17.331 min Scan# 3150
Delta R.T. -0.013 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

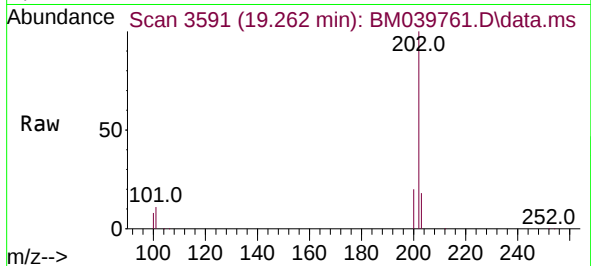
Tgt Ion:178 Resp: 97796
Ion Ratio Lower Upper
178 100
179 16.2 13.8 20.6
176 18.8 15.8 23.8





#19
Fluoranthene
Concen: 13.216 ng/ul
RT: 19.262 min Scan# 3591
Delta R.T. -0.005 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

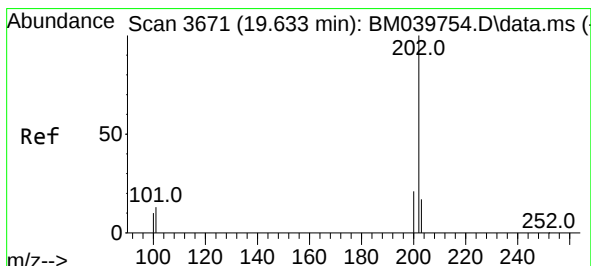
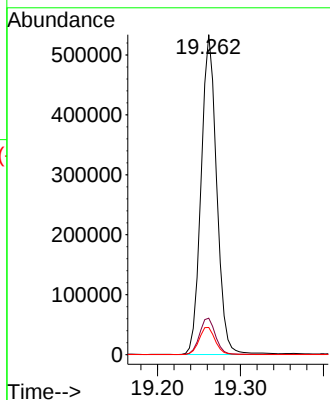
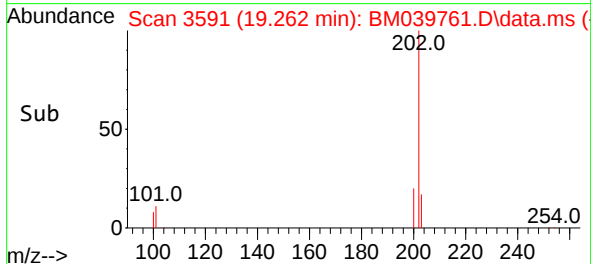
Instrument :
BNA_M
ClientSampleId :
EW8W8DL



Tgt Ion:202 Resp: 694679
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.8
100 8.5 7.3 10.9

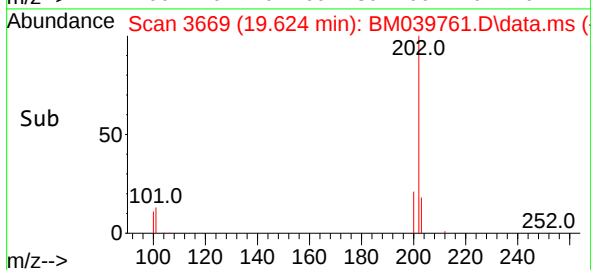
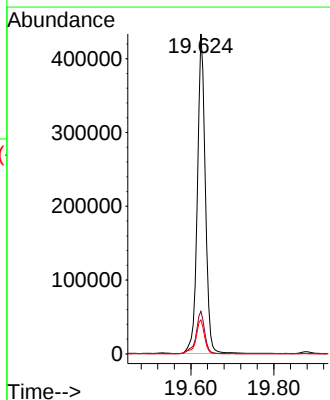
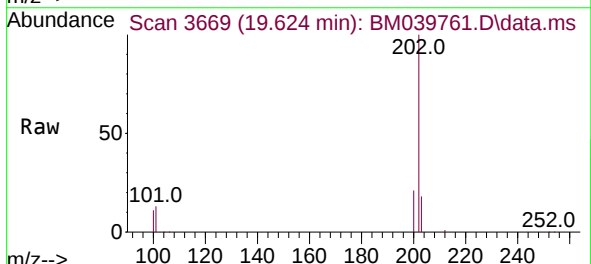
Manual Integrations
APPROVED

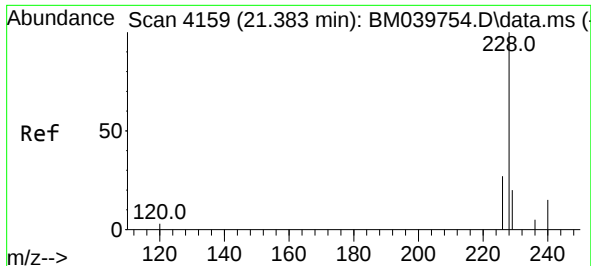
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#20
Pyrene
Concen: 10.163 ng/ul
RT: 19.624 min Scan# 3669
Delta R.T. -0.009 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

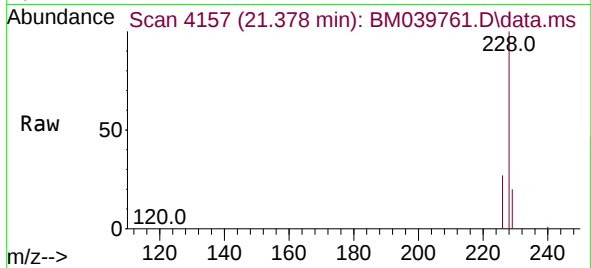
Tgt Ion:202 Resp: 576903
Ion Ratio Lower Upper
202 100
101 13.3 10.9 16.3
100 10.6 8.9 13.3





#21
Benzo(a)anthracene
Concen: 5.687 ng/ul
RT: 21.378 min Scan# 4159
Delta R.T. -0.006 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

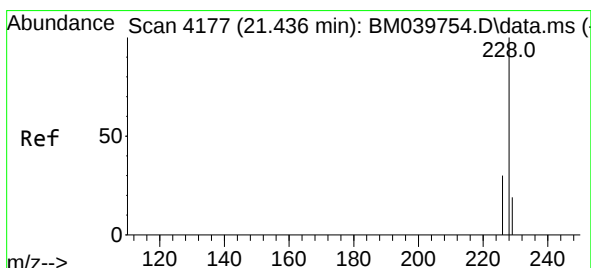
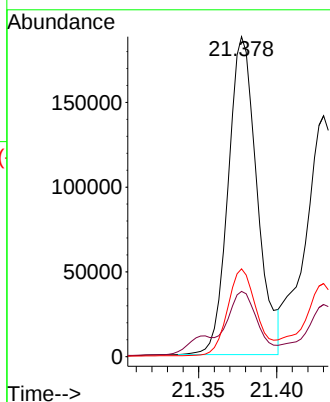
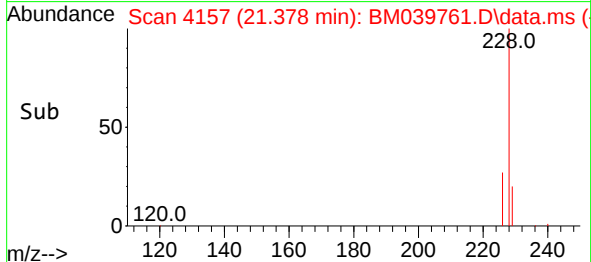
Instrument :
BNA_M
ClientSampleId :
EW8W8DL



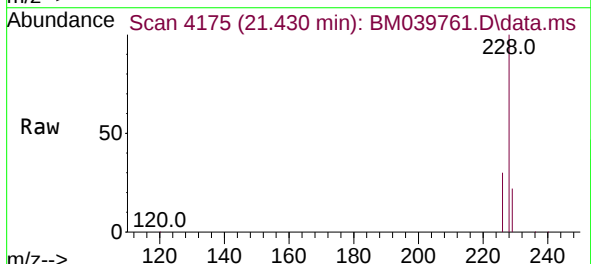
Tgt Ion:228 Resp: 240936
Ion Ratio Lower Upper
228 100
229 20.4 16.2 24.2
226 27.4 21.6 32.4

Manual Integrations
APPROVED

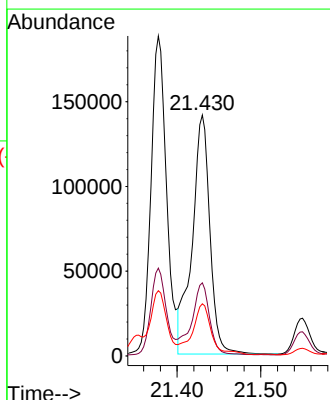
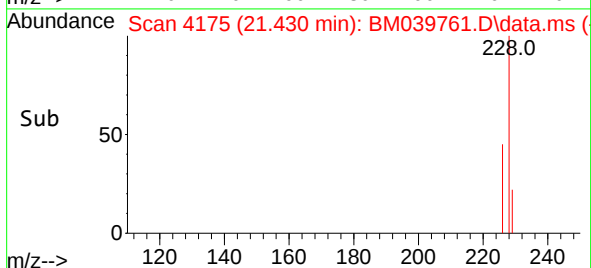
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

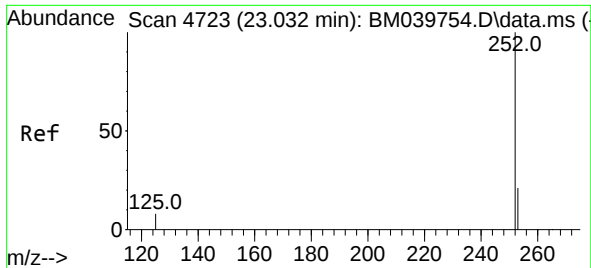


#22
Chrysene
Concen: 4.363 ng/ul
RT: 21.430 min Scan# 4175
Delta R.T. -0.006 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44



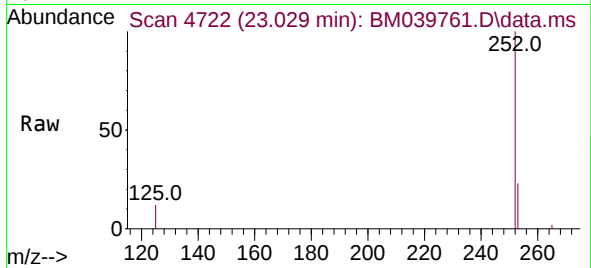
Tgt Ion:228 Resp: 209169
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.6 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 6.256 ng/ul
RT: 23.029 min Scan# 4722
Delta R.T. -0.003 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

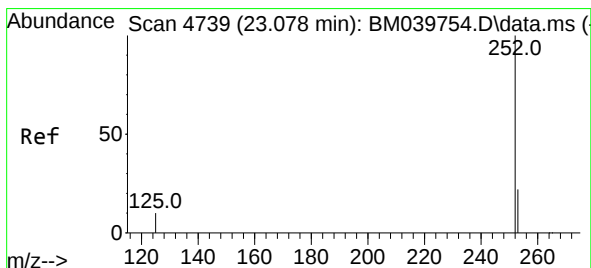
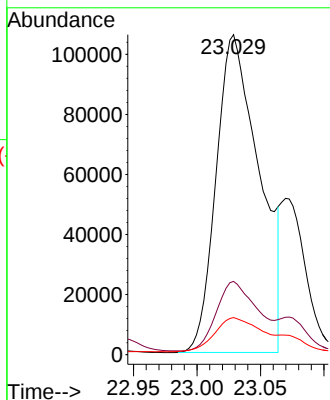
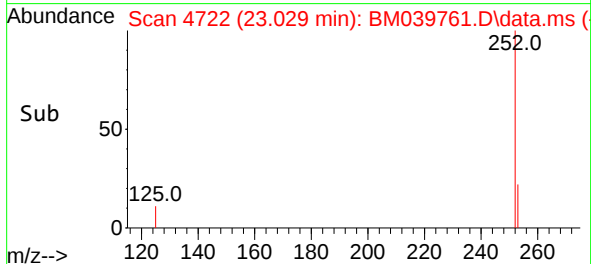
Instrument :
BNA_M
ClientSampleId :
EW8W8DL



Tgt Ion:252 Resp: 250548
Ion Ratio Lower Upper
252 100
253 22.9 0.0 52.8
125 11.6 0.0 31.6

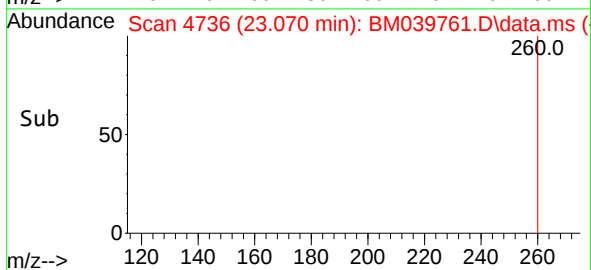
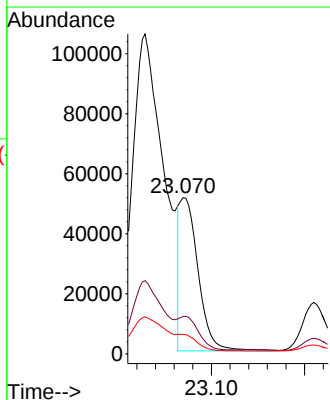
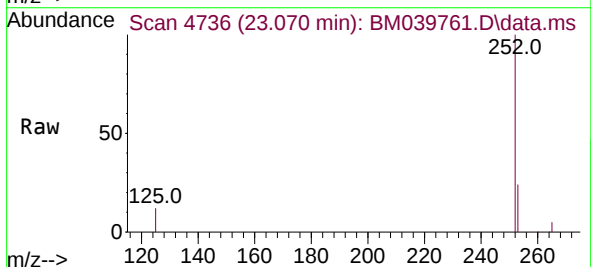
Manual Integrations
APPROVED

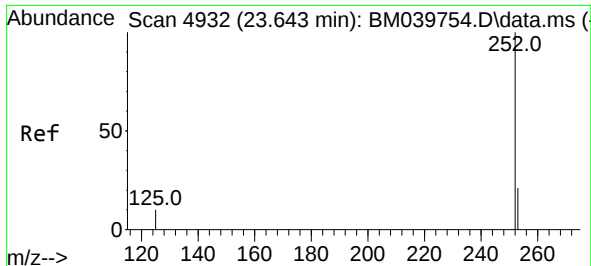
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#25
Benzo(k)fluoranthene
Concen: 1.719 ng/ul m
RT: 23.070 min Scan# 4736
Delta R.T. -0.009 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

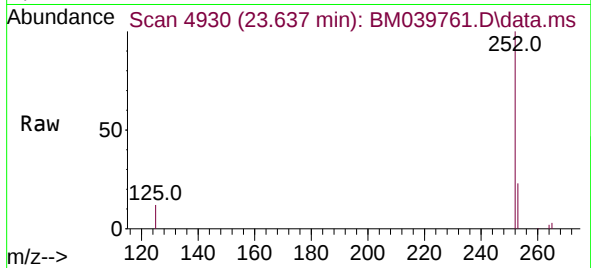
Tgt Ion:252 Resp: 70094
Ion Ratio Lower Upper
252 100
253 23.9 21.3 31.9
125 12.4 13.0 19.6#





#26
Benzo(a)pyrene
Concen: 4.486 ng/ul
RT: 23.637 min Scan# 4932
Delta R.T. -0.006 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

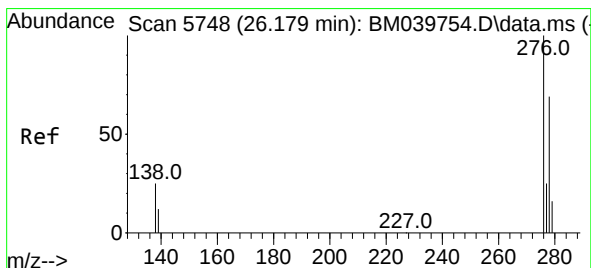
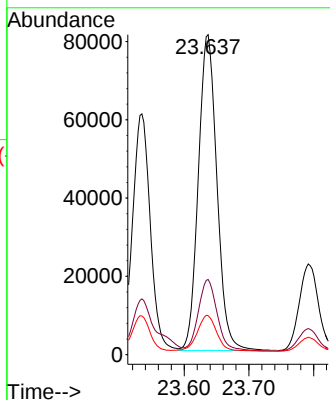
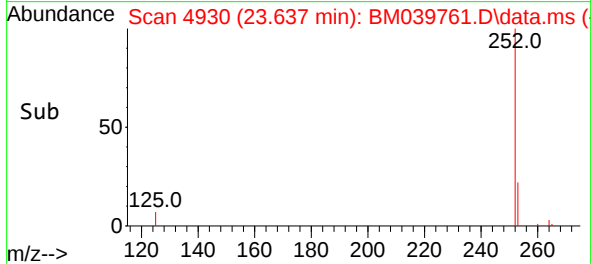
Instrument :
BNA_M
ClientSampleId :
EW8W8DL



Tgt Ion:252 Resp: 161278
Ion Ratio Lower Upper
252 100
253 23.5 24.7 37.1#
125 12.2 16.5 24.7#

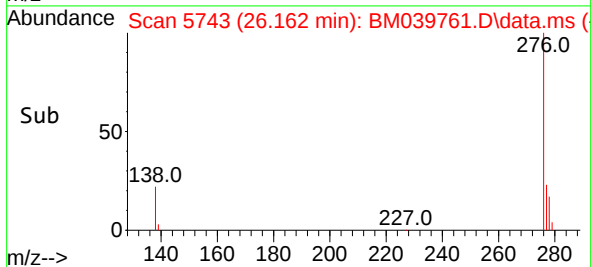
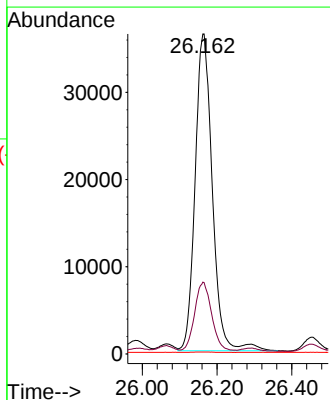
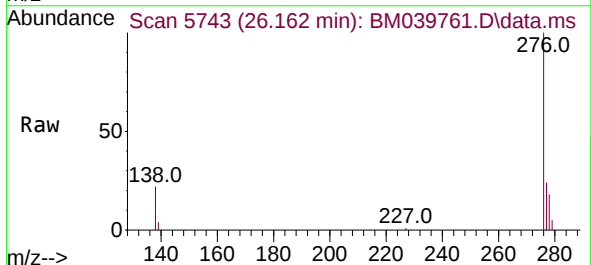
Manual Integrations
APPROVED

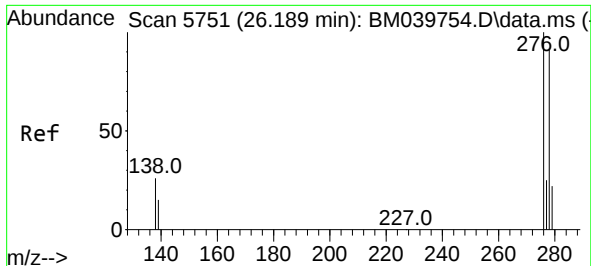
Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.550 ng/ul
RT: 26.162 min Scan# 5743
Delta R.T. -0.017 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

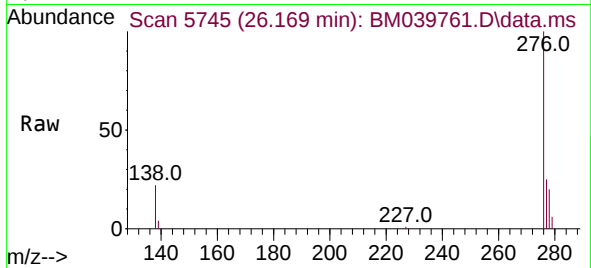
Tgt Ion:276 Resp: 115954
Ion Ratio Lower Upper
276 100
138 21.1 21.1 31.7#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.688 ng/ul
RT: 26.169 min Scan# 5745
Delta R.T. -0.020 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

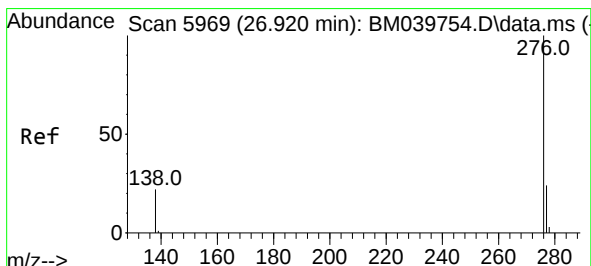
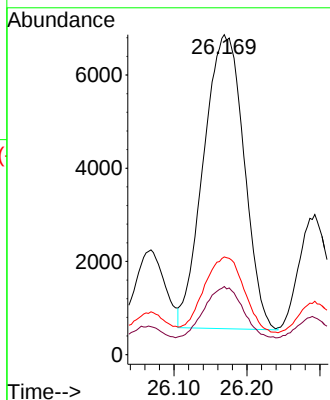
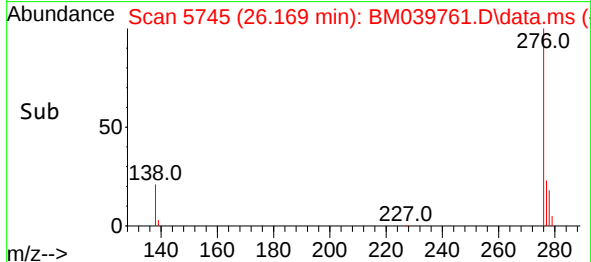
Instrument :
BNA_M
ClientSampleId :
EW8W8DL



Tgt Ion:278 Resp: 24290
Ion Ratio Lower Upper
278 100
139 21.3 17.0 25.6
279 30.5 23.4 35.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023



#29
Benzo(g,h,i)perylene
Concen: 2.565 ng/ul
RT: 26.910 min Scan# 5966
Delta R.T. -0.010 min
Lab File: BM039761.D
Acq: 29 Apr 2023 06:44

Tgt Ion:276 Resp: 101610
Ion Ratio Lower Upper
276 100
138 23.0 20.1 30.1
277 24.3 20.1 30.1

