

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043064.D
 Acq On : 28 Nov 2023 00:15
 Operator : MA/JU
 Sample : 05416-21
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 01:13:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	905m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.611	136	2783	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.455	164	1744m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.212	188	3640	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.409	240	2178	0.400	ng/ul	-0.01
23) Perylene-d12	23.756	264	1600m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1320	0.951	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	351	0.094	ng/ul	-0.02
18) Fluoranthene-d10	19.243	212	852	0.107	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.666	128	401	0.053	ng/ul#	73
7) 2-Methylnaphthalene	12.305	142	398	0.089	ng/ul	91
8) 1-Methylnaphthalene	12.514	142	295	0.059	ng/ul	95
10) Acenaphthylene	14.182	152	229	0.026	ng/ul#	48
15) Phenanthrene	17.250	178	1863	0.179	ng/ul	98
16) Anthracene	17.343	178	319m	0.032	ng/ul	
19) Fluoranthene	19.270	202	7173	0.581	ng/ul#	93
20) Pyrene	19.633	202	5955	0.454	ng/ul	98
21) Benzo(a)anthracene	21.397	228	1998	0.283	ng/ul	95
22) Chrysene	21.444	228	1314m	0.100	ng/ul	
24) Benzo(b)fluoranthene	23.034	252	2053	0.380	ng/ul	86
25) Benzo(k)fluoranthene	23.075	252	885m	0.119	ng/ul	
26) Benzo(a)pyrene	23.639	252	1397	0.237	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.232	276	1140	0.143	ng/ul#	100
29) Benzo(g,h,i)perylene	26.997	276	1118	0.144	ng/ul#	78

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

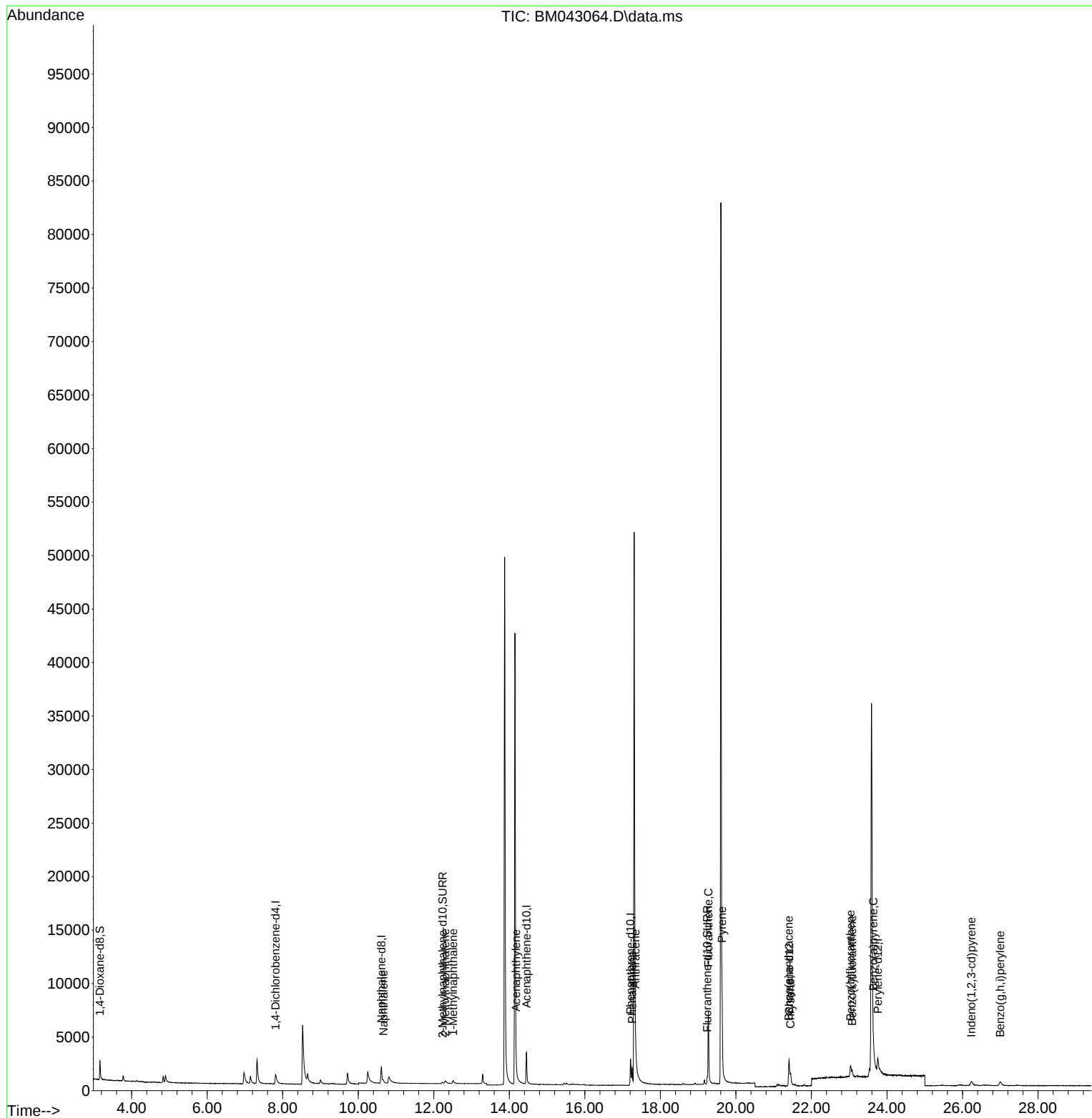
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043064.D
Acq On : 28 Nov 2023 00:15
Operator : MA/JU
Sample : 05416-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

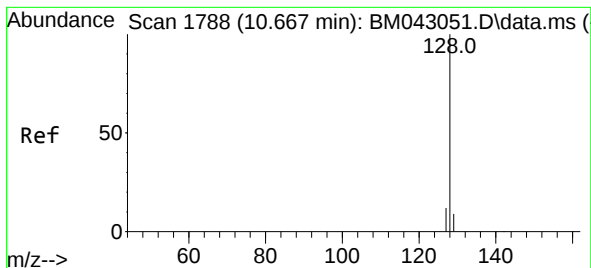
Instrument :
BNA_M
ClientSampleId :
C0AH4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023

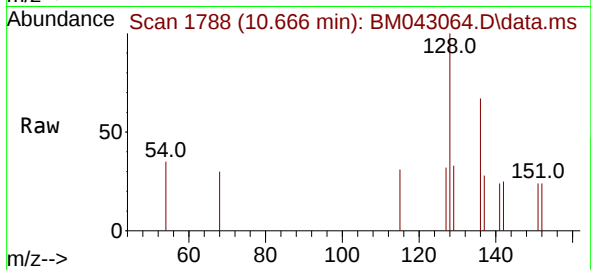
Quant Time: Nov 28 01:13:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.053 ng/u1
RT: 10.666 min Scan# 1788
Delta R.T. -0.033 min
Lab File: BM043064.D
Acq: 28 Nov 2023 00:15

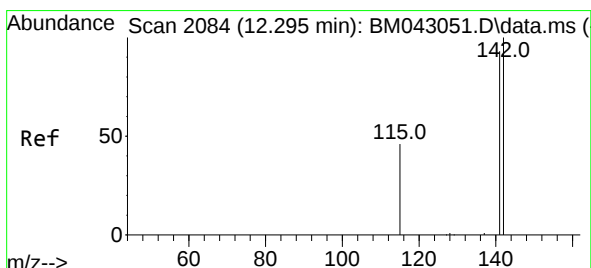
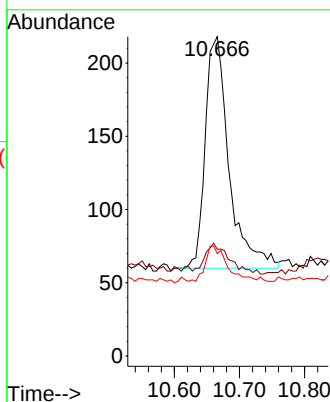
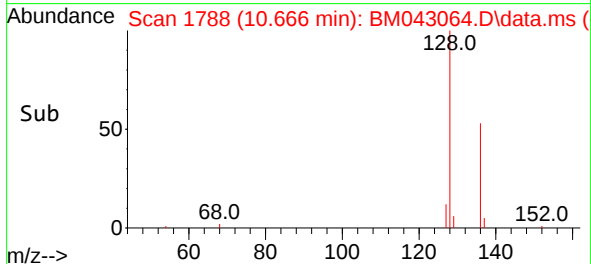
Instrument :
BNA_M
ClientSampleId :
C0AH4



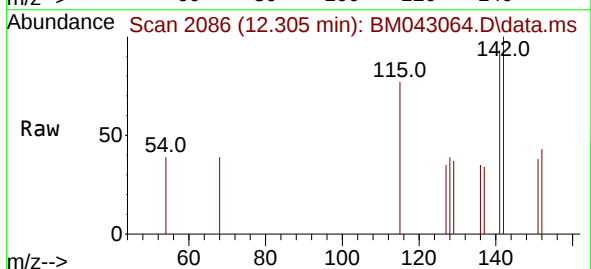
Tgt Ion:128 Resp: 400
Ion Ratio Lower Upper
128 100
129 33.5 16.0 24.0
127 32.1 16.5 24.7

Manual Integrations
APPROVED

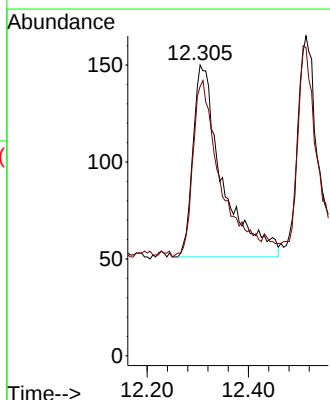
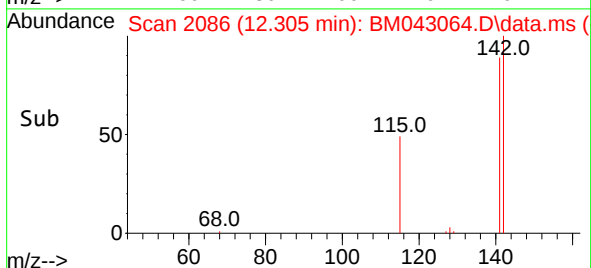
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023

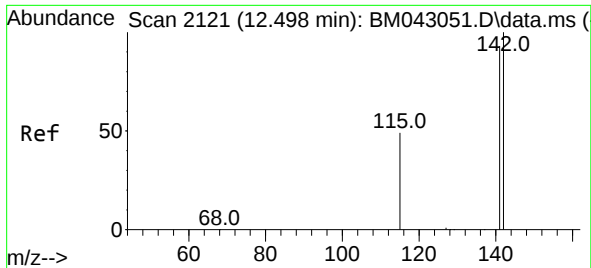


#7
2-Methylnaphthalene
Concen: 0.089 ng/u1
RT: 12.305 min Scan# 2086
Delta R.T. -0.027 min
Lab File: BM043064.D
Acq: 28 Nov 2023 00:15



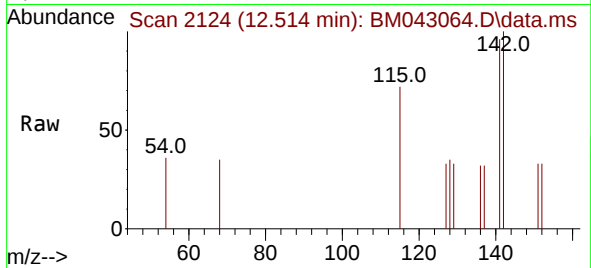
Tgt Ion:142 Resp: 398
Ion Ratio Lower Upper
142 100
141 86.2 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.514 min Scan# 2121
Delta R.T. -0.005 min
Lab File: BM043064.D
Acq: 28 Nov 2023 00:15

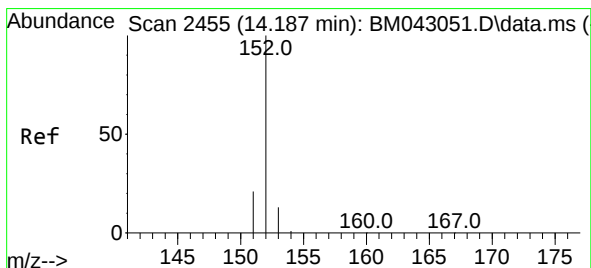
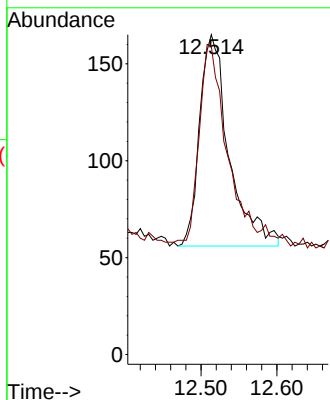
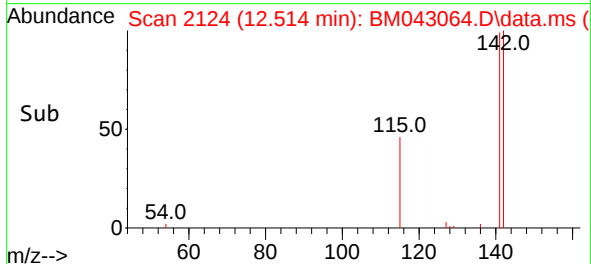
Instrument :
BNA_M
ClientSampleId :
C0AH4



Tgt Ion:142 Resp: 299
Ion Ratio Lower Upper
142 100
141 87.5 73.8 110.8

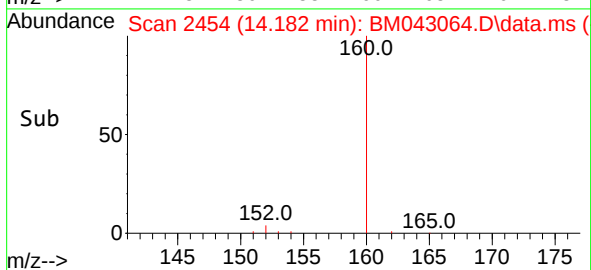
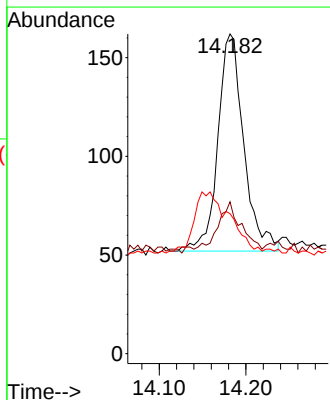
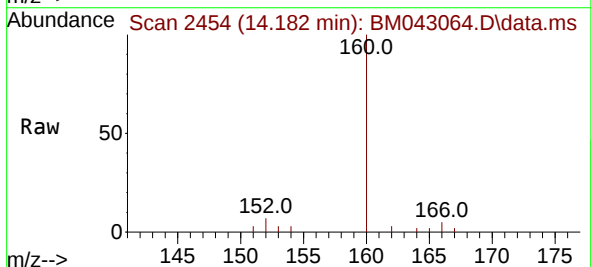
Manual Integrations
APPROVED

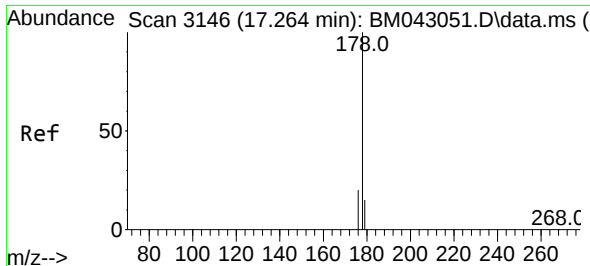
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#10
Acenaphthylene
Concen: 0.026 ng/ul
RT: 14.182 min Scan# 2454
Delta R.T. -0.023 min
Lab File: BM043064.D
Acq: 28 Nov 2023 00:15

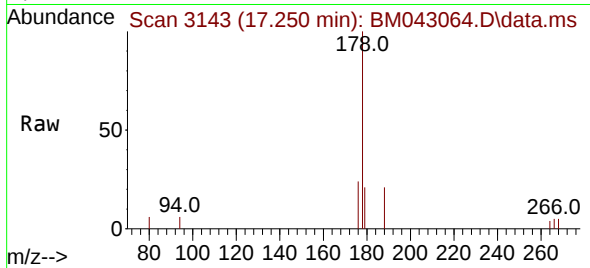
Tgt Ion:152 Resp: 229
Ion Ratio Lower Upper
152 100
151 47.5 19.4 29.0#
153 43.8 14.6 21.8#





#15
Phenanthrene
Concen: 0.179 ng/ul
RT: 17.250 min Scan# 3146
Delta R.T. -0.029 min
Lab File: BM043064.D
Acq: 28 Nov 2023 00:15

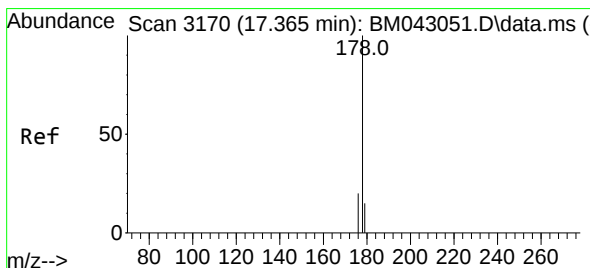
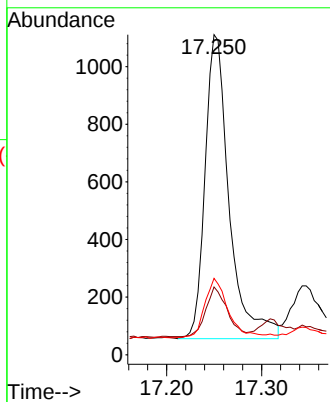
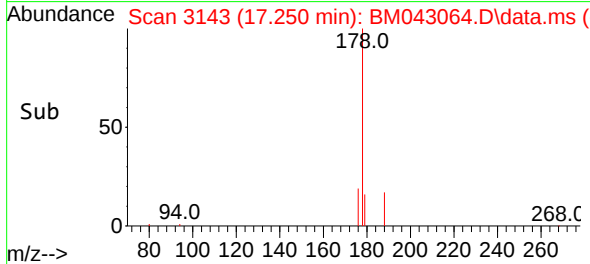
Instrument :
BNA_M
ClientSampleId :
C0AH4



Tgt Ion:178 Resp: 186
Ion Ratio Lower Upper
178 100
179 21.2 15.7 23.5
176 23.9 18.9 28.3

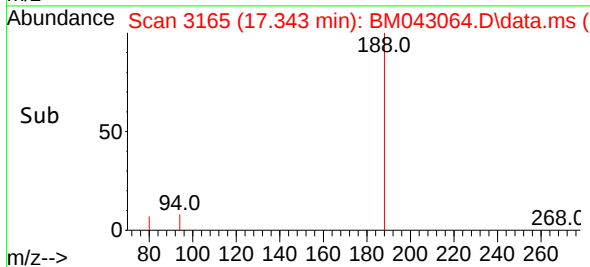
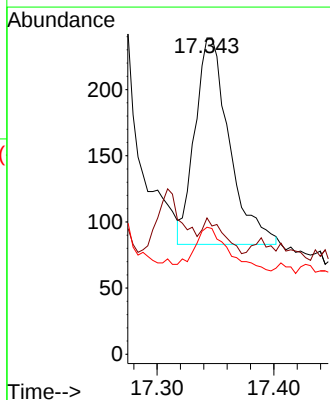
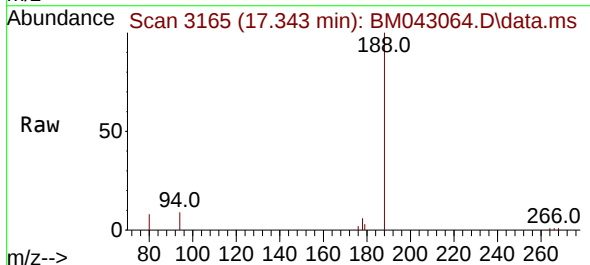
Manual Integrations
APPROVED

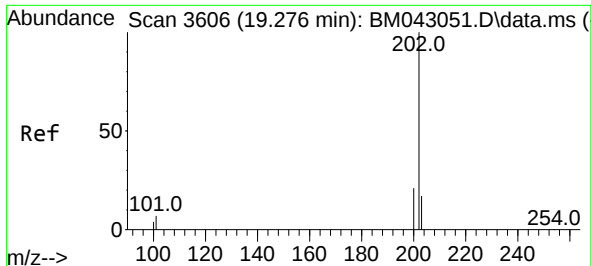
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#16
Anthracene
Concen: 0.032 ng/ul m
RT: 17.343 min Scan# 3165
Delta R.T. -0.050 min
Lab File: BM043064.D
Acq: 28 Nov 2023 00:15

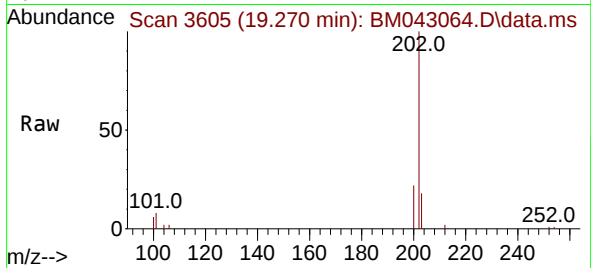
Tgt Ion:178 Resp: 319
Ion Ratio Lower Upper
178 100
179 43.1 17.3 25.9#
176 40.2 20.5 30.7#





#19
Fluoranthene
Concen: 0.581 ng/u1
RT: 19.270 min Scan# 3606
Delta R.T. -0.023 min
Lab File: BM043064.D
Acq: 28 Nov 2023 00:15

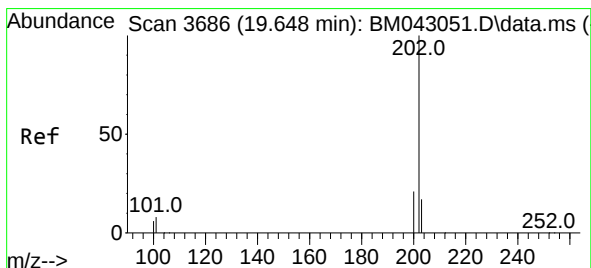
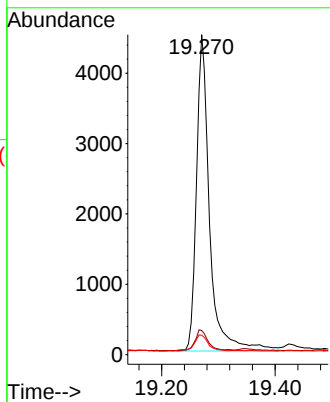
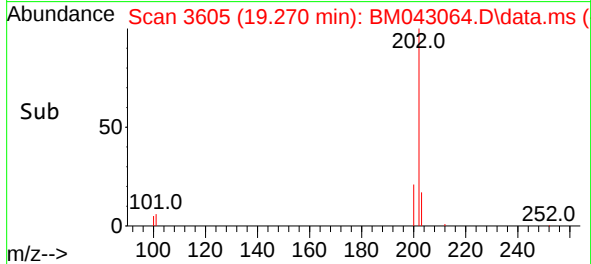
Instrument :
BNA_M
ClientSampleId :
C0AH4



Tgt Ion:202 Resp: 717
Ion Ratio Lower Upper
202 100
101 7.5 7.8 11.8
100 6.1 7.1 10.7

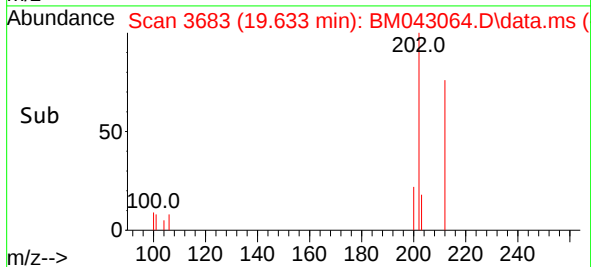
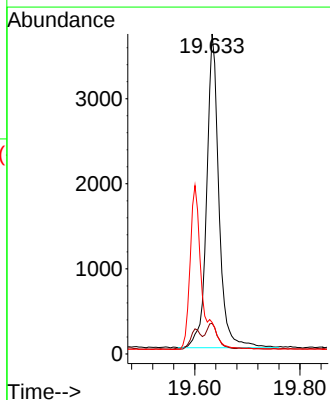
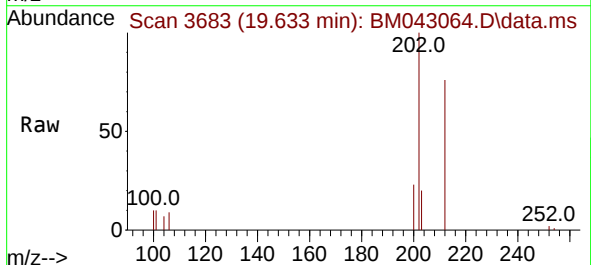
Manual Integrations
APPROVED

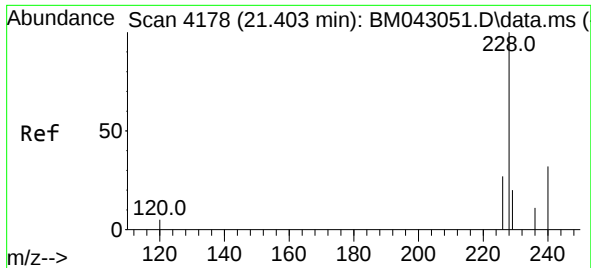
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#20
Pyrene
Concen: 0.454 ng/u1
RT: 19.633 min Scan# 3683
Delta R.T. -0.028 min
Lab File: BM043064.D
Acq: 28 Nov 2023 00:15

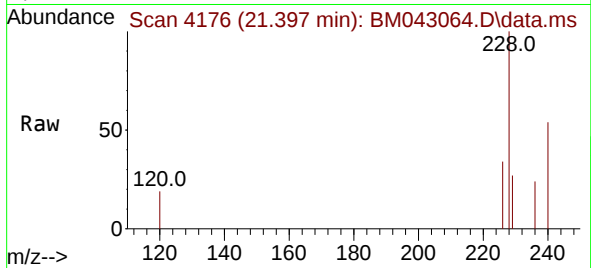
Tgt Ion:202 Resp: 5955
Ion Ratio Lower Upper
202 100
101 9.6 8.7 13.1
100 9.8 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.283 ng/ul
RT: 21.397 min Scan# 4178
Delta R.T. -0.014 min
Lab File: BM043064.D
Acq: 28 Nov 2023 00:15

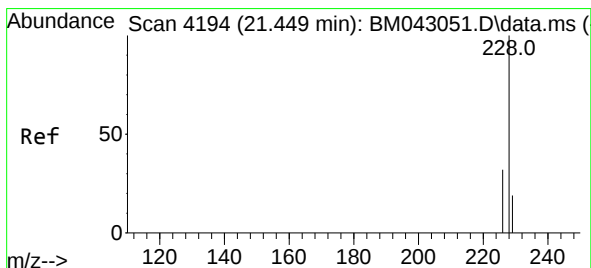
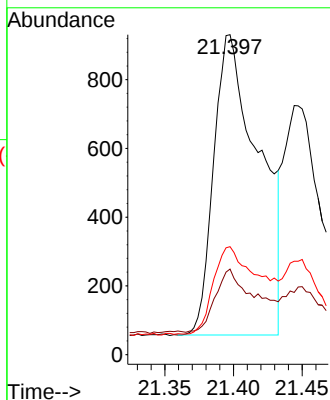
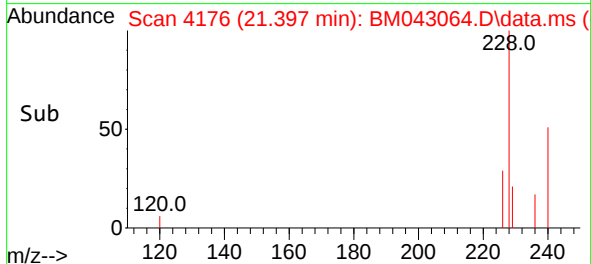
Instrument :
BNA_M
ClientSampleId :
C0AH4



Tgt Ion:228 Resp: 1998
Ion Ratio Lower Upper
228 100
229 26.7 19.4 29.0
226 33.7 24.9 37.3

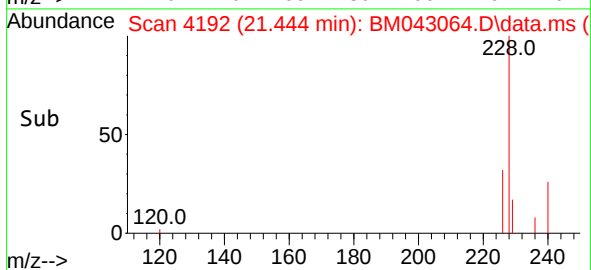
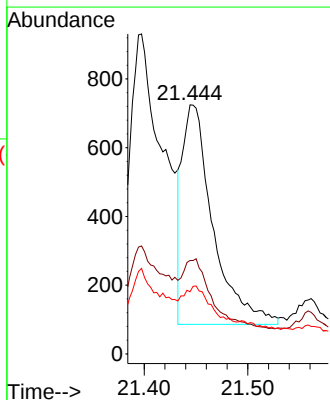
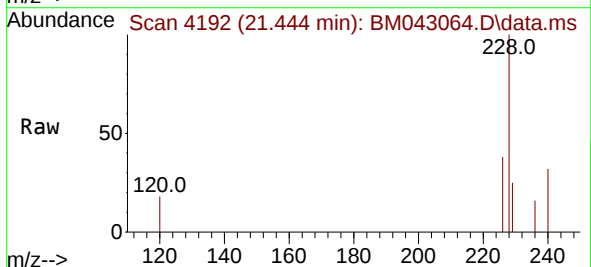
Manual Integrations
APPROVED

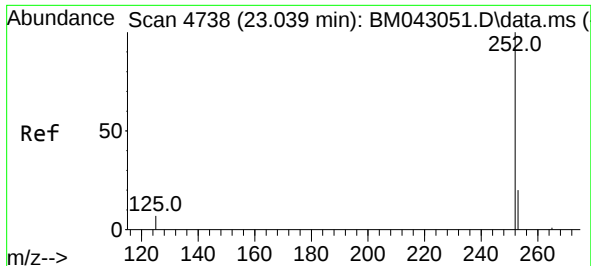
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#22
Chrysene
Concen: 0.100 ng/ul m
RT: 21.444 min Scan# 4192
Delta R.T. -0.014 min
Lab File: BM043064.D
Acq: 28 Nov 2023 00:15

Tgt Ion:228 Resp: 1314
Ion Ratio Lower Upper
228 100
226 37.5 27.2 40.8
229 25.0 18.0 27.0





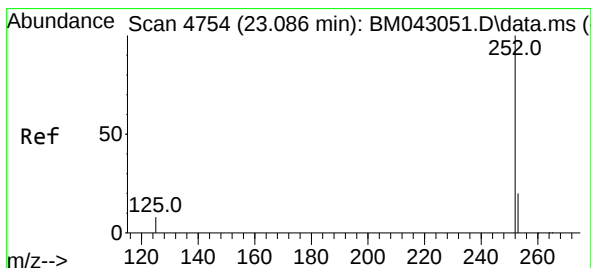
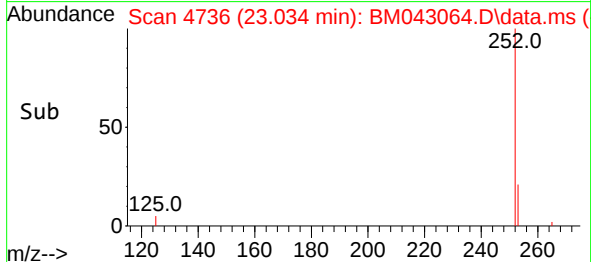
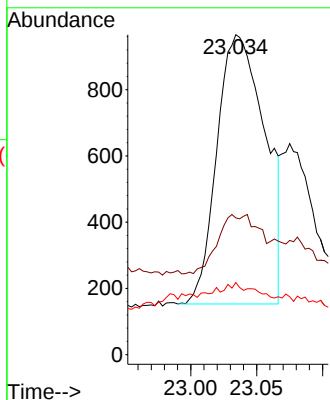
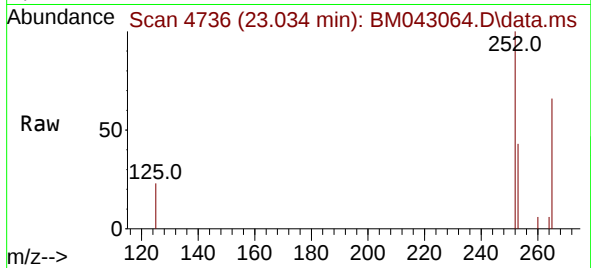
#24
Benzo(b)fluoranthene
Concen: 0.380 ng/ul
RT: 23.034 min Scan# 4736
Delta R.T. -0.017 min
Lab File: BM043064.D
Acq: 28 Nov 2023 00:15

Instrument :
BNA_M
ClientSampleId :
C0AH4

Tgt Ion:252 Resp: 205
Ion Ratio Lower Upper
252 100
253 42.8 0.0 71.8
125 22.6 0.0 29.0

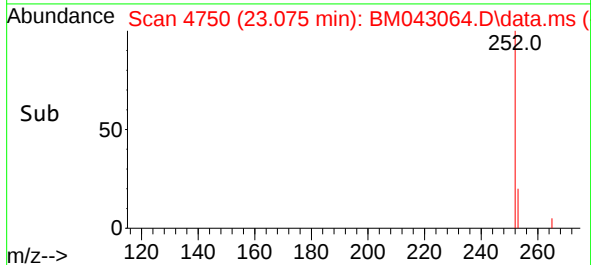
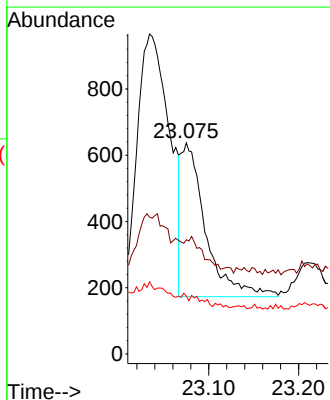
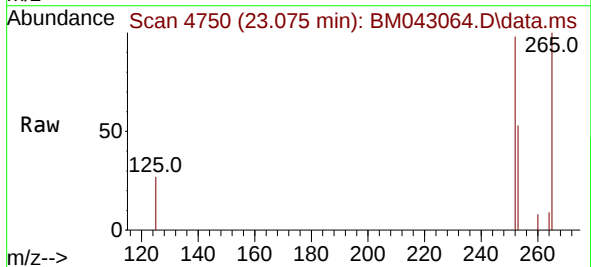
Manual Integrations
APPROVED

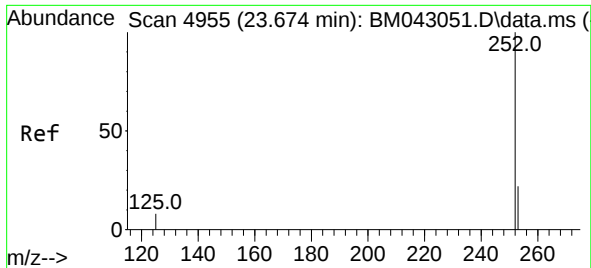
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#25
Benzo(k)fluoranthene
Concen: 0.119 ng/ul m
RT: 23.075 min Scan# 4750
Delta R.T. -0.023 min
Lab File: BM043064.D
Acq: 28 Nov 2023 00:15

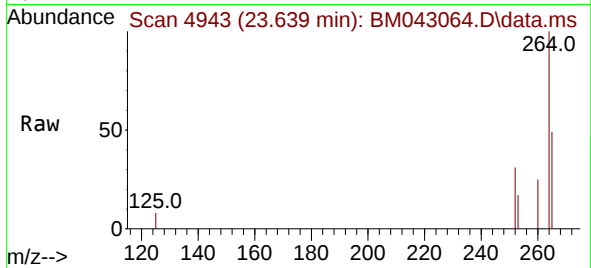
Tgt Ion:252 Resp: 885
Ion Ratio Lower Upper
252 100
253 54.2 28.2 42.2#
125 27.5 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 0.237 ng/ul
RT: 23.639 min Scan# 4955
Delta R.T. -0.047 min
Lab File: BM043064.D
Acq: 28 Nov 2023 00:15

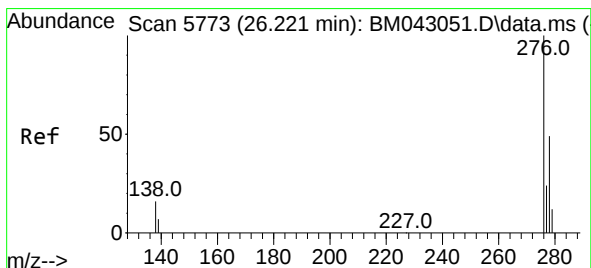
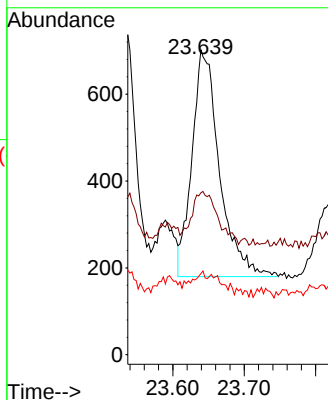
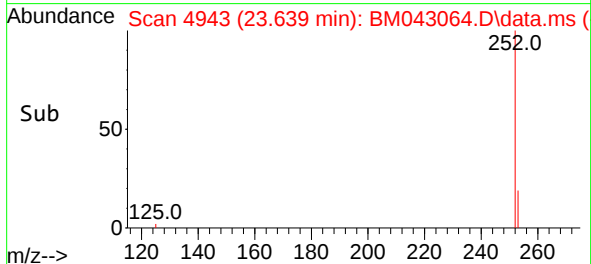
Instrument :
BNA_M
ClientSampleId :
COAH4



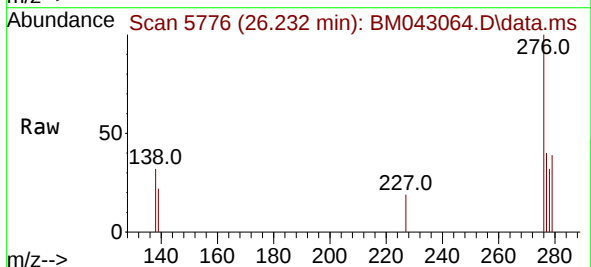
Tgt Ion:252 Resp: 139
Ion Ratio Lower Upper
252 100
253 53.1 36.6 55.0
125 26.6 16.2 24.4

Manual Integrations
APPROVED

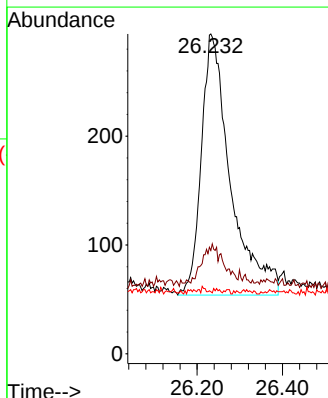
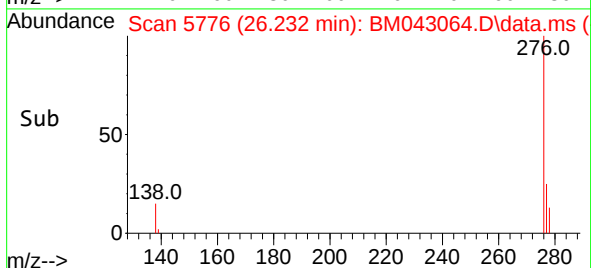
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023

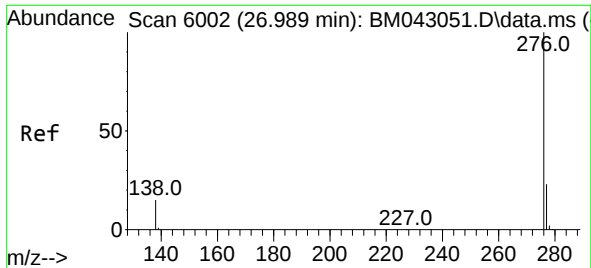


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.143 ng/ul
RT: 26.232 min Scan# 5776
Delta R.T. -0.006 min
Lab File: BM043064.D
Acq: 28 Nov 2023 00:15



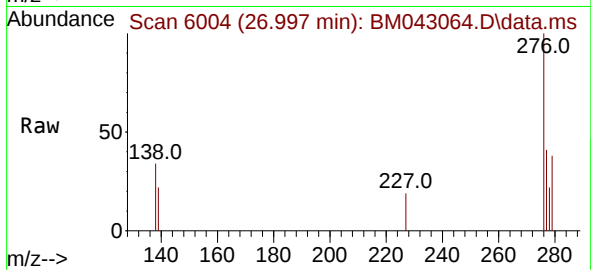
Tgt Ion:276 Resp: 1140
Ion Ratio Lower Upper
276 100
138 11.7 0.0 0.0#
227 0.3 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.144 ng/ul
RT: 26.997 min Scan# 6004
Delta R.T. -0.013 min
Lab File: BM043064.D
Acq: 28 Nov 2023 00:15

Instrument :
BNA_M
ClientSampleId :
C0AH4



Tgt Ion:276 Resp: 1118
Ion Ratio Lower Upper
276 100
138 34.1 17.8 26.8
277 40.9 23.8 35.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023

