

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
 Data File : BM040950.D
 Acq On : 18 Jul 2023 11:52
 Operator : MA/JU
 Sample : 03458-14
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46M7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 22:26:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 22:24:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.849	152	5345	0.400	ng/ul	0.00
4) Naphthalene-d8	10.653	136	16843	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.499	164	7562	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.248	188	16103	0.400	ng/ul	0.00
17) Chrysene-d12	21.445	240	10980	0.400	ng/ul	0.00
23) Perylene-d12	23.822	264	15170	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	41260	4.914	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.242	152	6963	0.295	ng/ul	0.00
18) Fluoranthene-d10	19.283	212	15398	0.437	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.702	128	1155	0.025	ng/ul#	77
10) Acenaphthylene	14.217	152	1757	0.052	ng/ul#	82
15) Phenanthrene	17.291	178	6469	0.129	ng/ul	97
16) Anthracene	17.384	178	1746	0.042	ng/ul#	81
19) Fluoranthene	19.315	202	23808	0.510	ng/ul	98
20) Pyrene	19.678	202	18006m	0.360	ng/ul	
21) Benzo(a)anthracene	21.428	228	7927	0.213	ng/ul	94
22) Chrysene	21.483	228	8134	0.192	ng/ul#	93
24) Benzo(b)fluoranthene	23.100	252	13366	0.228	ng/ul	77
25) Benzo(k)fluoranthene	23.143	252	4505m	0.078	ng/ul	
26) Benzo(a)pyrene	23.713	252	9551	0.181	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.273	276	9119	0.124	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.290	278	2872	0.050	ng/ul#	45
29) Benzo(g,h,i)perylene	27.028	276	9028	0.140	ng/ul	94

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

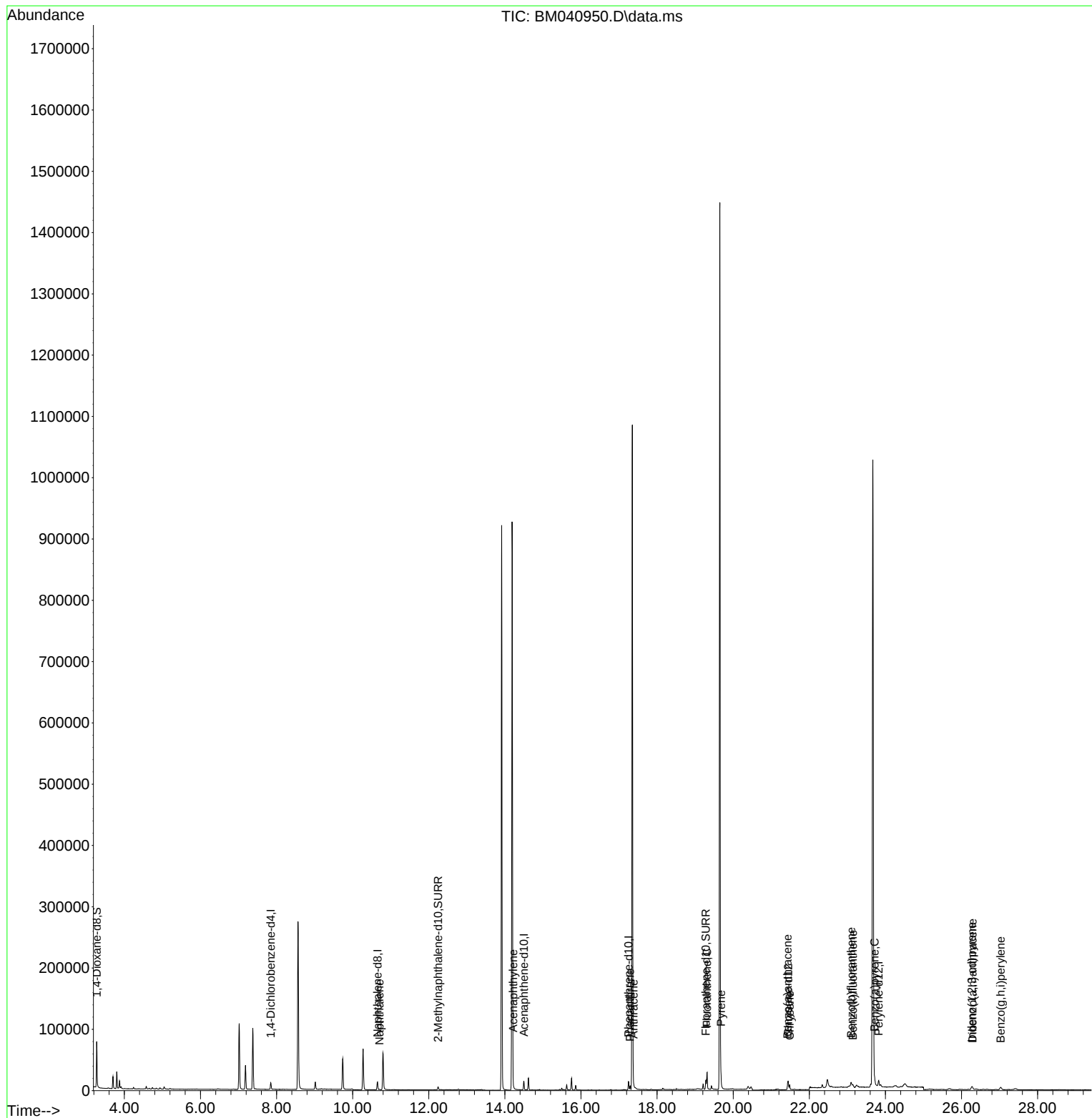
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040950.D
Acq On : 18 Jul 2023 11:52
Operator : MA/JU
Sample : 03458-14
Misc :
ALS Vial : 37 Sample Multiplier: 1

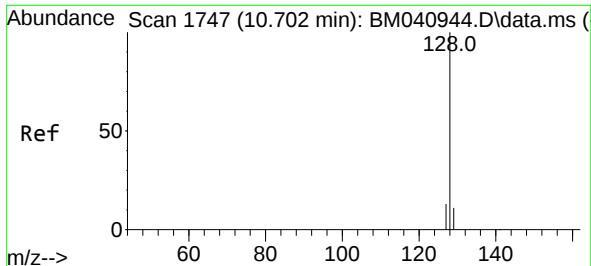
Instrument :
BNA_M
ClientSampleId :
A46M7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

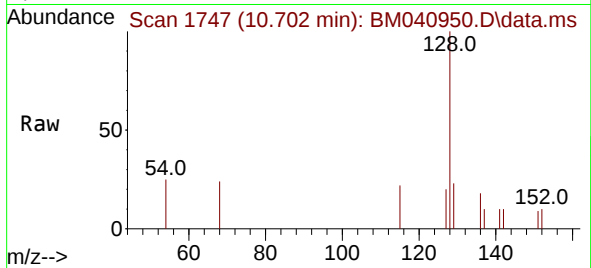
Quant Time: Jul 18 22:26:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 22:24:09 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.702 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM040950.D
Acq: 18 Jul 2023 11:52

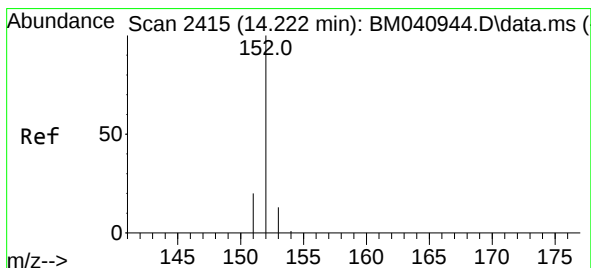
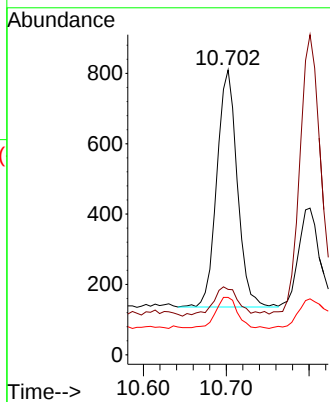
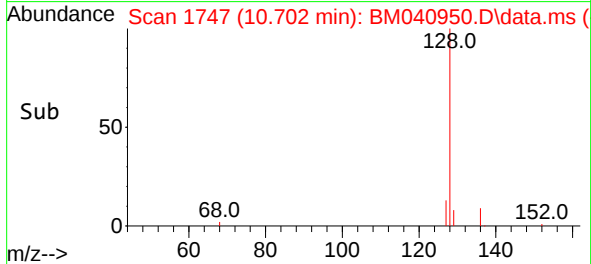
Instrument :
BNA_M
ClientSampleId :
A46M7



Tgt Ion:128 Resp: 115
Ion Ratio Lower Upper
128 100
129 23.0 9.2 13.8
127 20.1 10.6 15.8

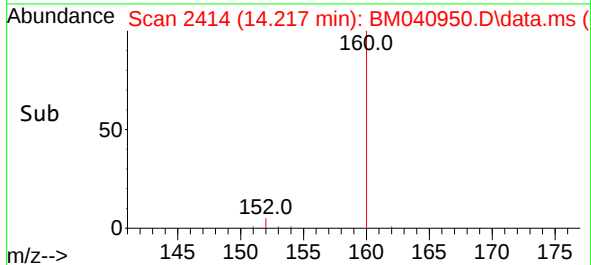
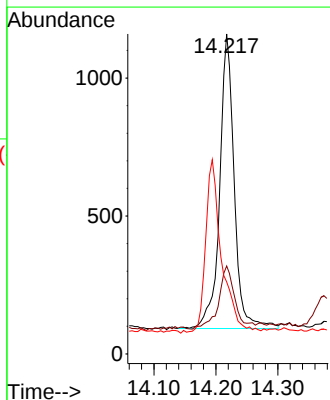
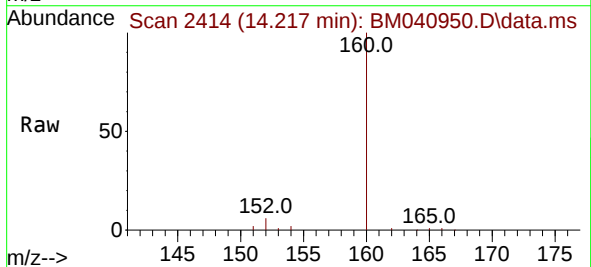
Manual Integrations
APPROVED

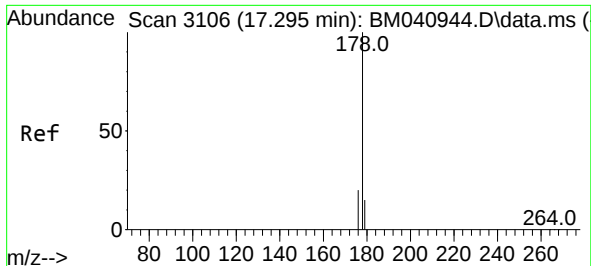
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#10
Acenaphthylene
Concen: 0.052 ng/ul
RT: 14.217 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040950.D
Acq: 18 Jul 2023 11:52

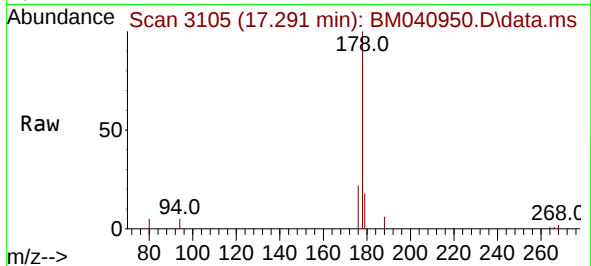
Tgt Ion:152 Resp: 1757
Ion Ratio Lower Upper
152 100
151 27.5 16.2 24.2#
153 22.5 10.9 16.3#





#15
Phenanthrene
Concen: 0.129 ng/ul
RT: 17.291 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040950.D
Acq: 18 Jul 2023 11:52

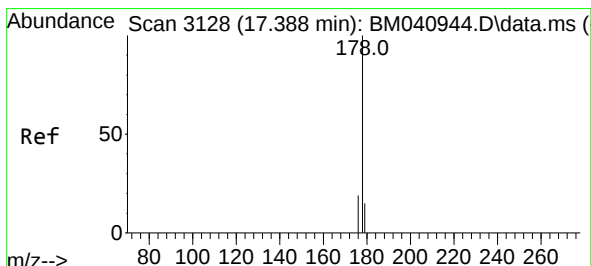
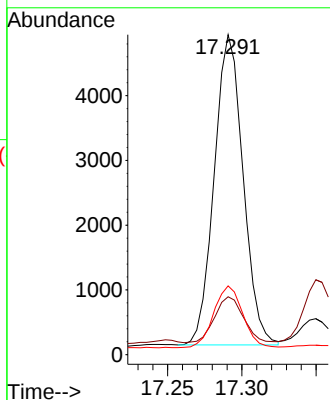
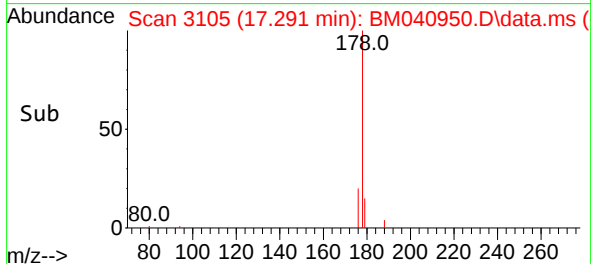
Instrument :
BNA_M
ClientSampleId :
A46M7



Tgt Ion:178 Resp: 6469
Ion Ratio Lower Upper
178 100
179 18.1 12.8 19.2
176 21.5 16.4 24.6

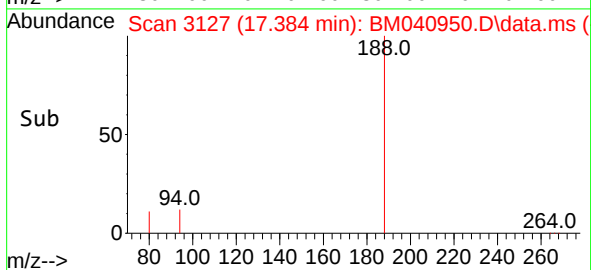
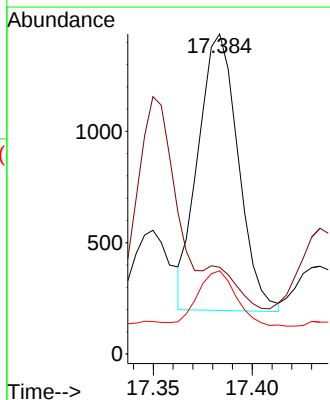
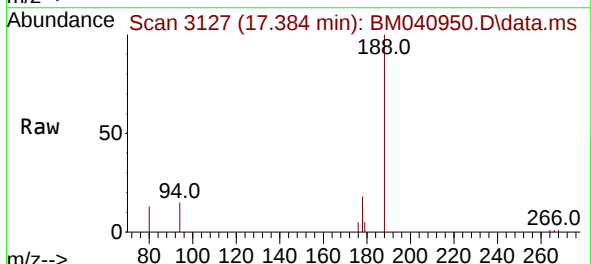
Manual Integrations
APPROVED

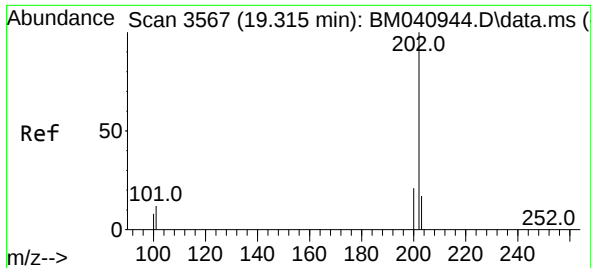
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#16
Anthracene
Concen: 0.042 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM040950.D
Acq: 18 Jul 2023 11:52

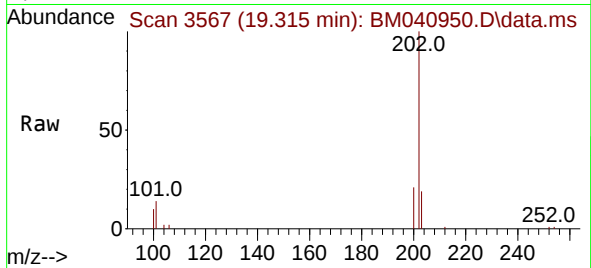
Tgt Ion:178 Resp: 1746
Ion Ratio Lower Upper
178 100
179 27.1 12.9 19.3#
176 26.0 15.8 23.6#





#19
Fluoranthene
Concen: 0.510 ng/ul
RT: 19.315 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BM040950.D
Acq: 18 Jul 2023 11:52

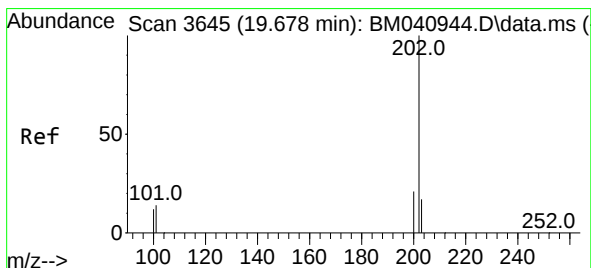
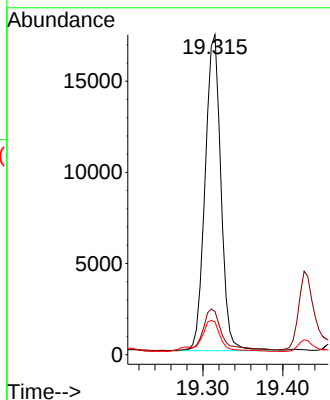
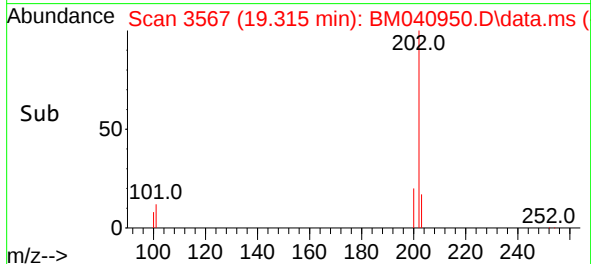
Instrument :
BNA_M
ClientSampleId :
A46M7



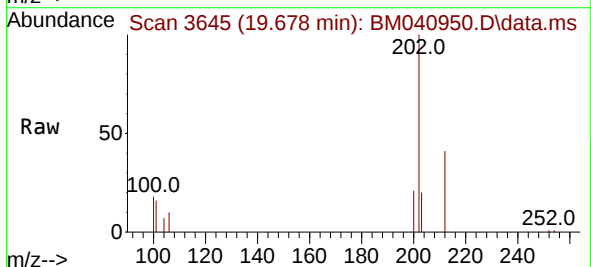
Tgt Ion:202 Resp: 2380
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 10.2 8.7 13.1

Manual Integrations
APPROVED

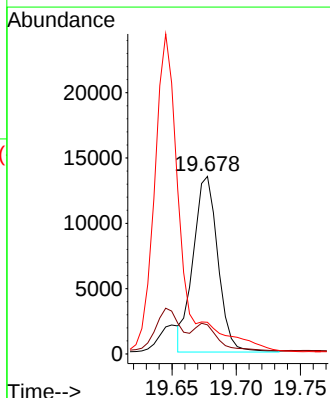
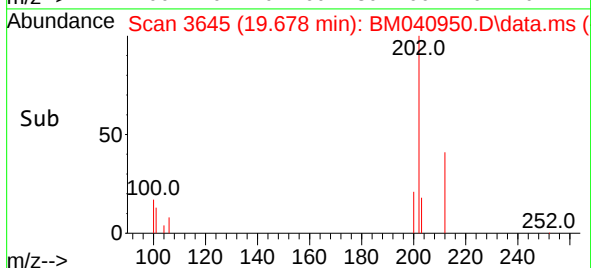
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

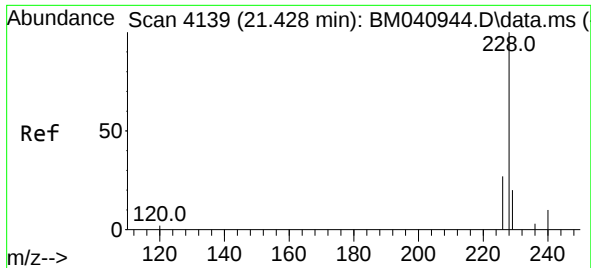


#20
Pyrene
Concen: 0.360 ng/ul m
RT: 19.678 min Scan# 3645
Delta R.T. -0.000 min
Lab File: BM040950.D
Acq: 18 Jul 2023 11:52



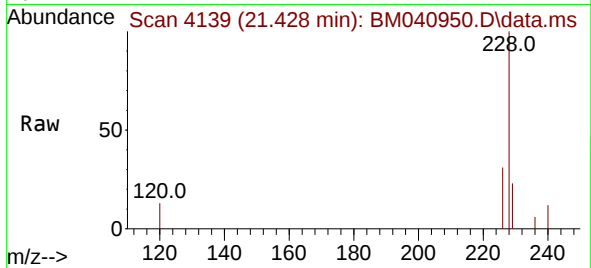
Tgt Ion:202 Resp: 18006
Ion Ratio Lower Upper
202 100
101 16.4 12.6 18.8
100 17.8 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 0.213 ng/ul
RT: 21.428 min Scan# 4139
Delta R.T. -0.000 min
Lab File: BM040950.D
Acq: 18 Jul 2023 11:52

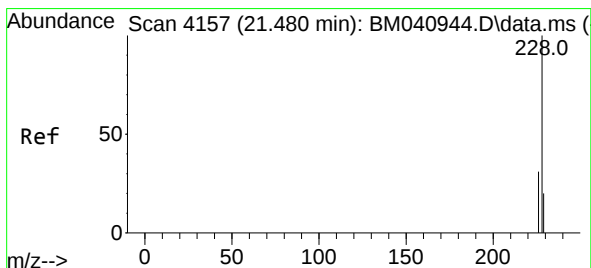
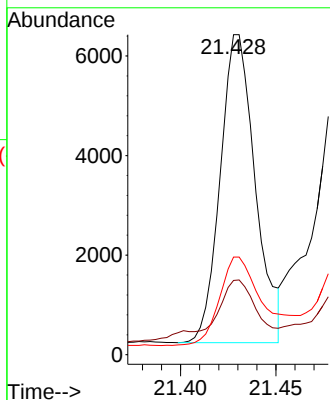
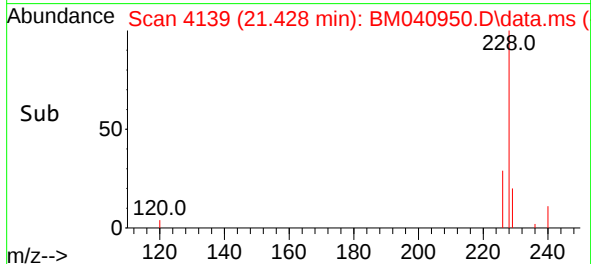
Instrument :
BNA_M
ClientSampleId :
A46M7



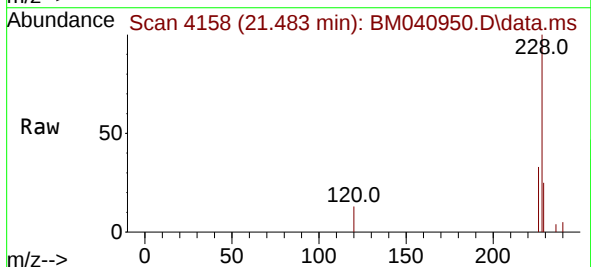
Tgt Ion:228 Resp: 792
Ion Ratio Lower Upper
228 100
229 23.2 16.0 24.0
226 30.5 22.3 33.5

Manual Integrations
APPROVED

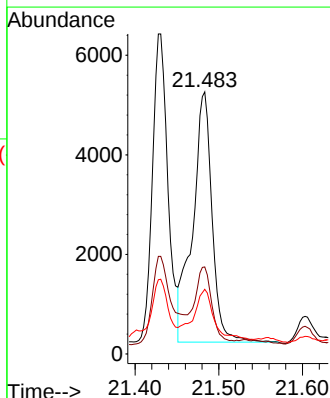
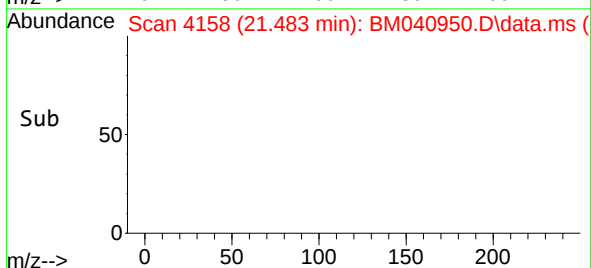
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

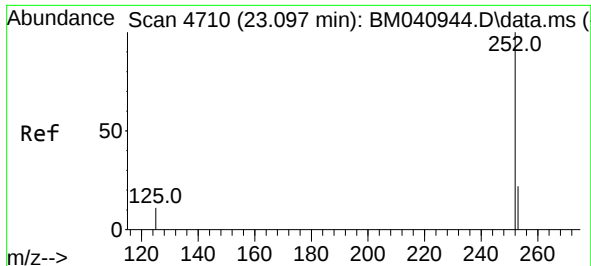


#22
Chrysene
Concen: 0.192 ng/ul
RT: 21.483 min Scan# 4158
Delta R.T. 0.003 min
Lab File: BM040950.D
Acq: 18 Jul 2023 11:52



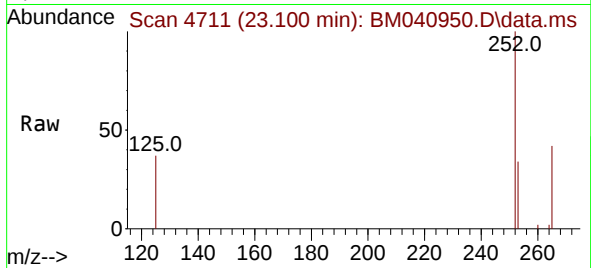
Tgt Ion:228 Resp: 8134
Ion Ratio Lower Upper
228 100
226 33.2 24.9 37.3
229 24.7 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.228 ng/ul
RT: 23.100 min Scan# 4711
Delta R.T. 0.003 min
Lab File: BM040950.D
Acq: 18 Jul 2023 11:52

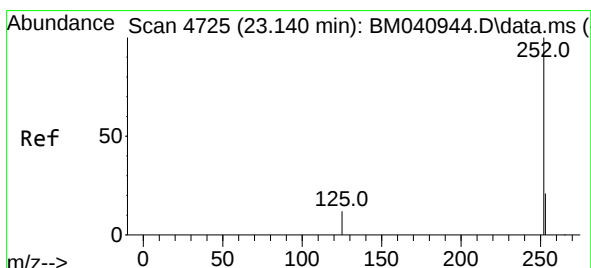
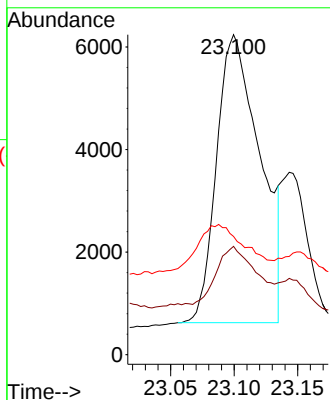
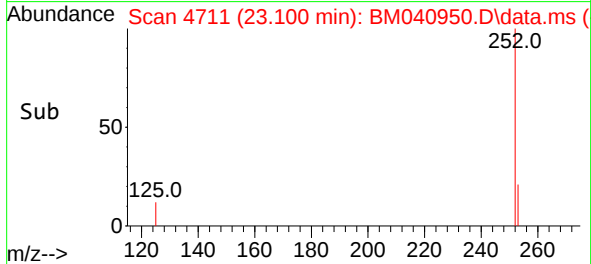
Instrument :
BNA_M
ClientSampleId :
A46M7



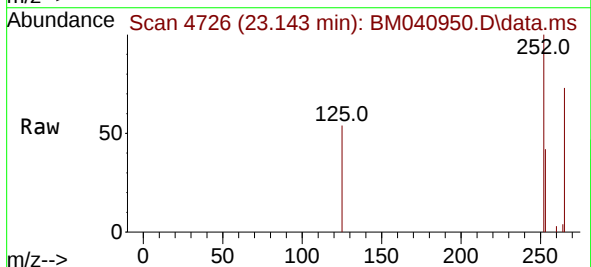
Tgt Ion:252 Resp: 13360
Ion Ratio Lower Upper
252 100
253 33.8 0.0 52.8
125 36.9 0.0 43.0

Manual Integrations
APPROVED

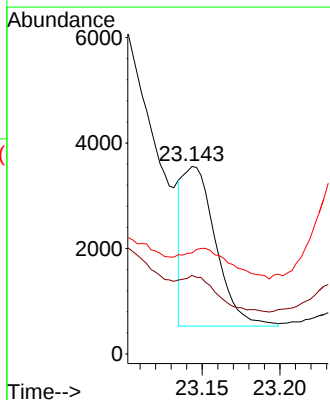
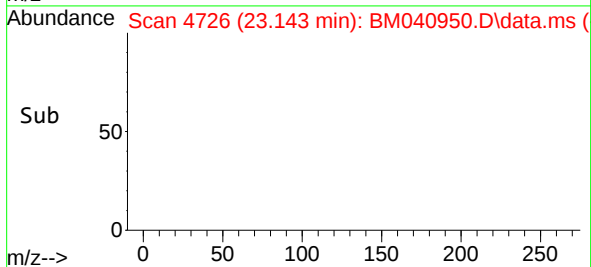
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

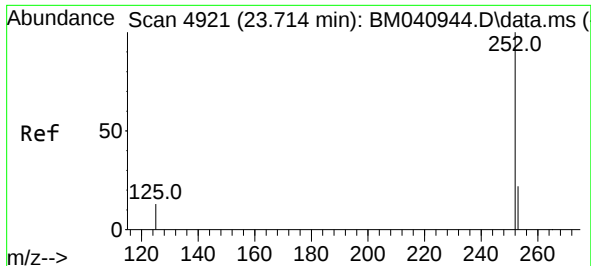


#25
Benzo(k)fluoranthene
Concen: 0.078 ng/ul m
RT: 23.143 min Scan# 4726
Delta R.T. 0.003 min
Lab File: BM040950.D
Acq: 18 Jul 2023 11:52



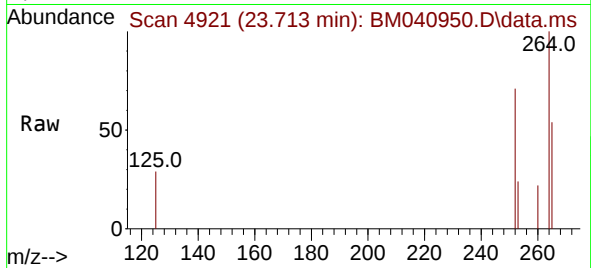
Tgt Ion:252 Resp: 4505
Ion Ratio Lower Upper
252 100
253 41.9 21.2 31.8#
125 53.9 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.181 ng/ul
RT: 23.713 min Scan# 4921
Delta R.T. -0.000 min
Lab File: BM040950.D
Acq: 18 Jul 2023 11:52

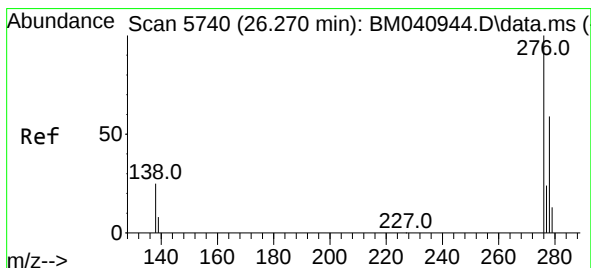
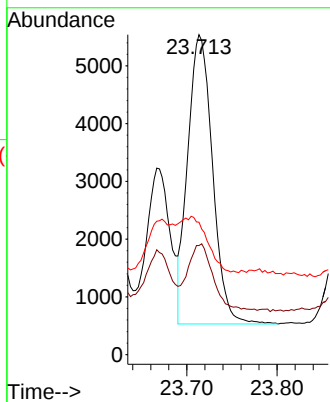
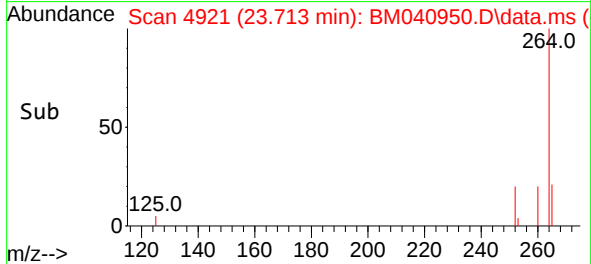
Instrument :
BNA_M
ClientSampleId :
A46M7



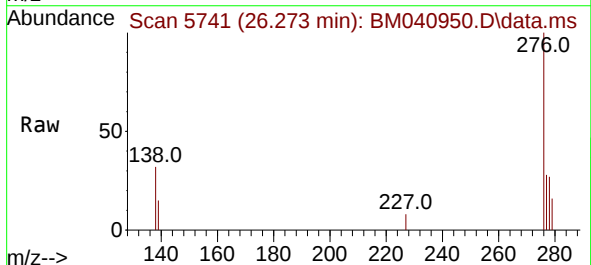
Tgt Ion:252 Resp: 955
Ion Ratio Lower Upper
252 100
253 34.1 22.9 34.3
125 41.4 21.0 31.4

Manual Integrations
APPROVED

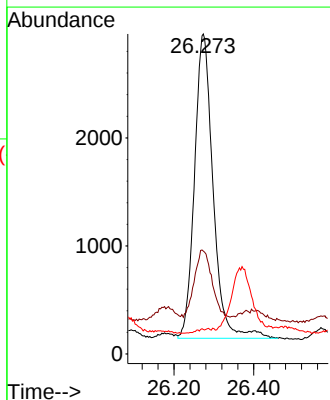
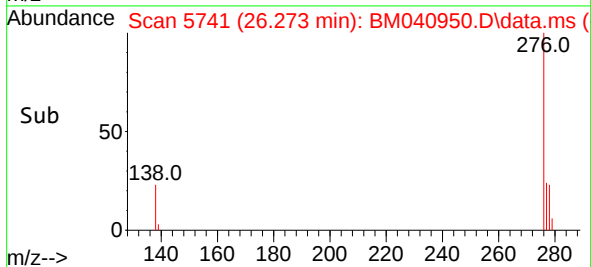
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

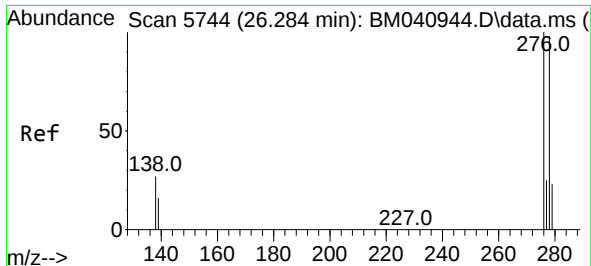


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.124 ng/ul
RT: 26.273 min Scan# 5741
Delta R.T. 0.003 min
Lab File: BM040950.D
Acq: 18 Jul 2023 11:52



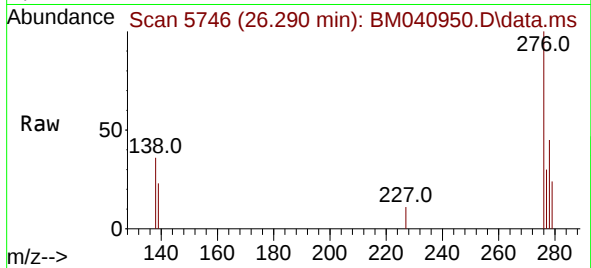
Tgt Ion:276 Resp: 9119
Ion Ratio Lower Upper
276 100
138 23.1 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 26.290 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM040950.D
Acq: 18 Jul 2023 11:52

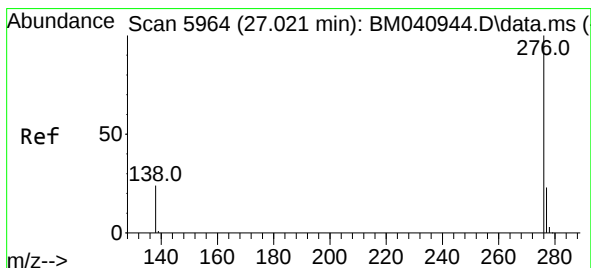
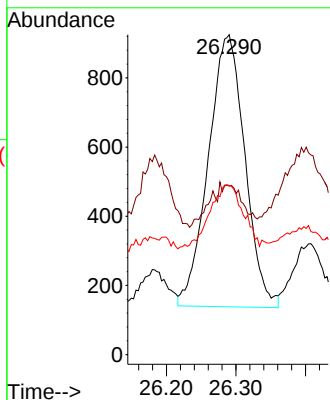
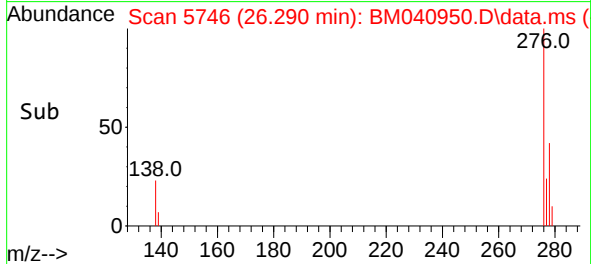
Instrument :
BNA_M
ClientSampleId :
A46M7



Tgt Ion:278 Resp: 287
Ion Ratio Lower Upper
278 100
139 52.6 17.9 26.9
279 52.9 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#29
Benzo(g,h,i)perylene
Concen: 0.140 ng/ul
RT: 27.028 min Scan# 5966
Delta R.T. 0.007 min
Lab File: BM040950.D
Acq: 18 Jul 2023 11:52

Tgt Ion:276 Resp: 9028
Ion Ratio Lower Upper
276 100
138 32.4 23.0 34.6
277 27.9 20.3 30.5

