

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
 Data File : BM033790.D
 Acq On : 20 Jan 2022 16:01
 Operator : CG/JU
 Sample : N1129-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBM02

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
 Supervised By :mohammad ahmed 01/27/2022

Quant Time: Jan 21 01:35:13 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 21 01:34:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	4908	0.400	ng/ul	0.00
4) Naphthalene-d8	10.761	136	18140	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.587	164	10021	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	17393	0.400	ng/ul	0.00
17) Chrysene-d12	21.485	240	10678	0.400	ng/ul	# 0.00
23) Perylene-d12	23.885	264	9906	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.303	96	13694	2.619	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	4823	0.196	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	7418	0.224	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.810	128	3185	0.061	ng/ul	95
7) 2-Methylnaphthalene	12.425	142	2491	0.074	ng/ul	99
8) 1-Methylnaphthalene	12.641	142	1648	0.050	ng/ul	99
10) Acenaphthylene	14.307	152	29432	0.636	ng/ul#	89
12) Fluorene	15.634	166	1483	0.034	ng/ul#	96
14) Pentachlorophenol	16.976	266	578	0.084	ng/ul	98
15) Phenanthrene	17.361	178	32472	0.577	ng/ul	94
16) Anthracene	17.455	178	26897	0.520	ng/ul#	91
19) Fluoranthene	19.372	202	206315	4.119	ng/ul	99
20) Pyrene	19.731	202	213256	4.209	ng/ul	95
21) Benzo(a)anthracene	21.470	228	104254	2.351	ng/ul	98
22) Chrysene	21.521	228	138167	3.046	ng/ul	98
24) Benzo(b)fluoranthene	23.156	252	213512m	4.920	ng/ul	
25) Benzo(k)fluoranthene	23.202	252	75890m	1.783	ng/ul	
26) Benzo(a)pyrene	23.781	252	109272	2.896	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.395	276	82506	1.680	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.407	278	19728	0.505	ng/ul#	88
29) Benzo(g,h,i)perylene	27.168	276	69428	1.645	ng/ul	93

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

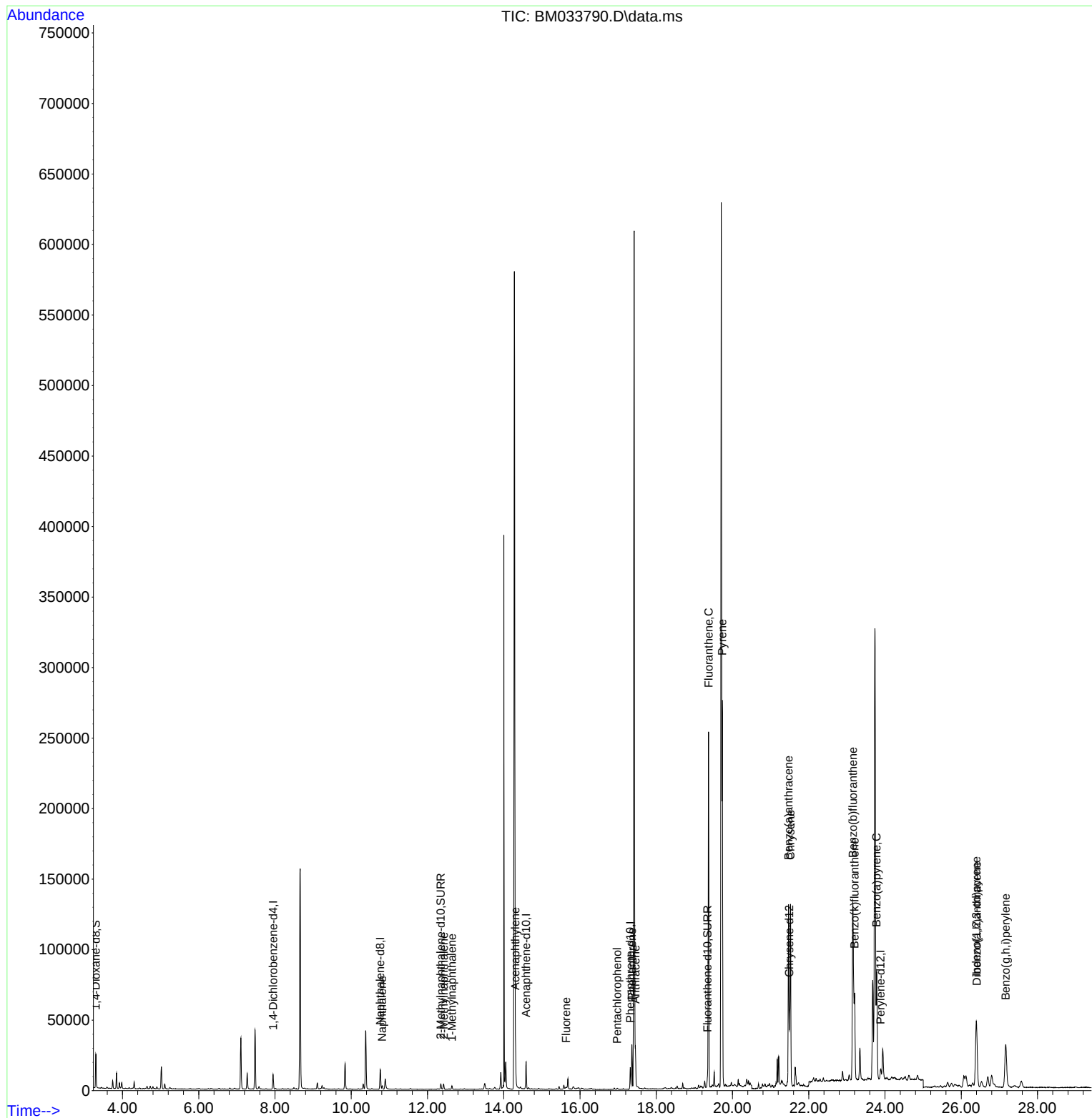
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
Data File : BM033790.D
Acq On : 20 Jan 2022 16:01
Operator : CG/JU
Sample : N1129-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

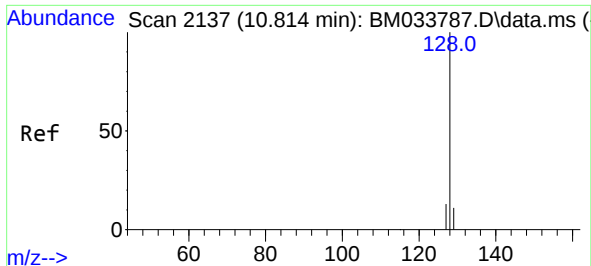
Instrument :
BNA_M
ClientSampleId :
DBM02

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

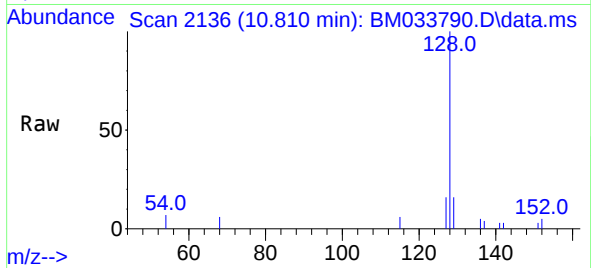
Quant Time: Jan 21 01:35:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 21 01:34:59 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.061 ng/ul
RT: 10.810 min Scan# 2137
Delta R.T. -0.004 min
Lab File: BM033790.D
Acq: 20 Jan 2022 16:01

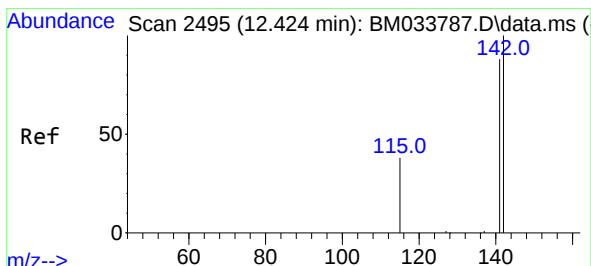
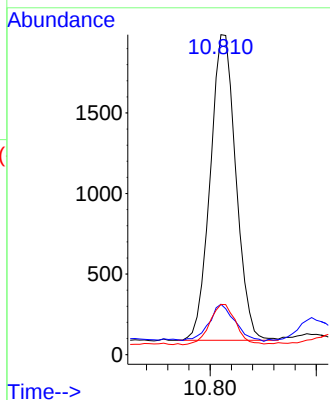
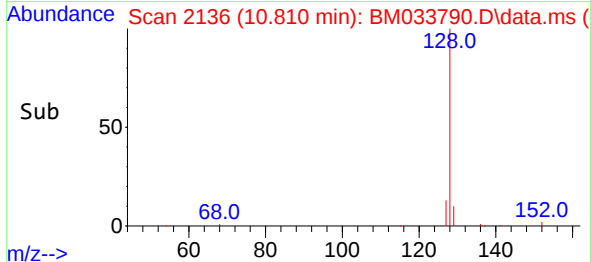
Instrument :
BNA_M
ClientSampleId :
DBM02



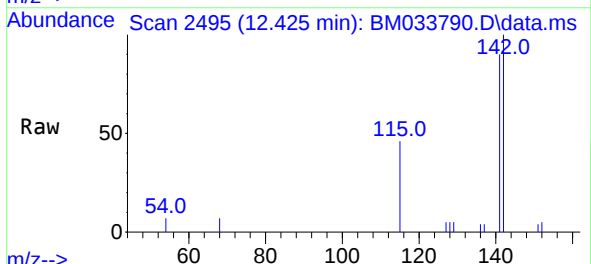
Tgt Ion:128 Resp: 318
Ion Ratio Lower Upper
128 100
129 15.7 13.4 20.2
127 15.7 15.2 22.8

Manual Integrations
APPROVED

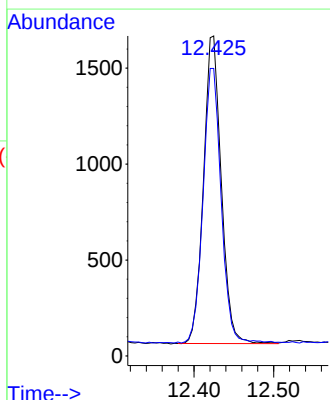
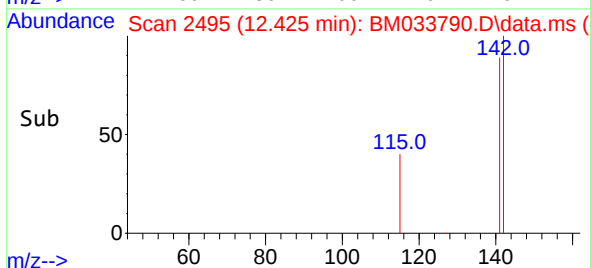
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

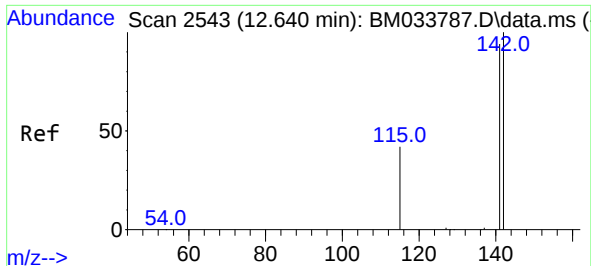


#7
2-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.425 min Scan# 2495
Delta R.T. 0.000 min
Lab File: BM033790.D
Acq: 20 Jan 2022 16:01



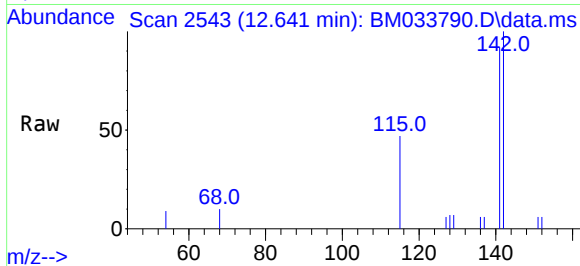
Tgt Ion:142 Resp: 2491
Ion Ratio Lower Upper
142 100
141 90.6 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033790.D
Acq: 20 Jan 2022 16:01

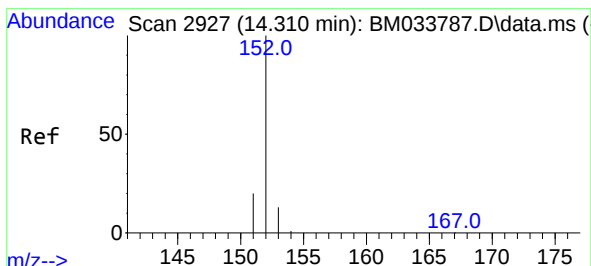
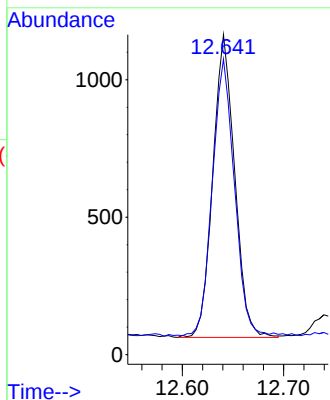
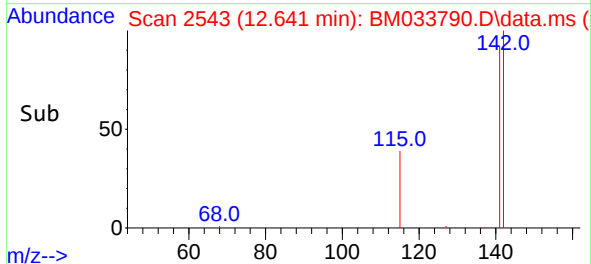
Instrument :
BNA_M
ClientSampleId :
DBM02



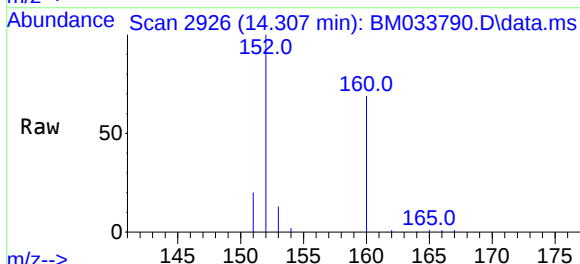
Tgt Ion:142 Resp: 1648
Ion Ratio Lower Upper
142 100
141 92.7 75.0 112.4

Manual Integrations
APPROVED

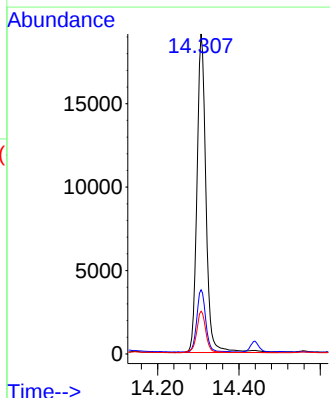
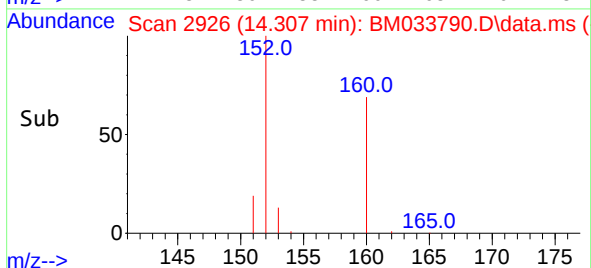
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

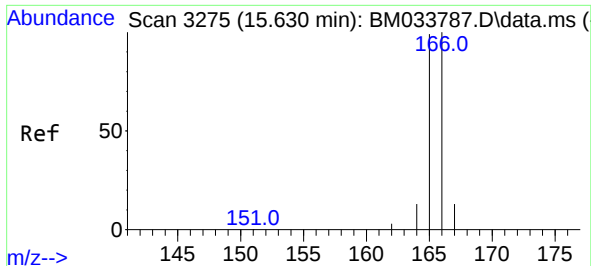


#10
Acenaphthylene
Concen: 0.636 ng/ul
RT: 14.307 min Scan# 2926
Delta R.T. -0.004 min
Lab File: BM033790.D
Acq: 20 Jan 2022 16:01



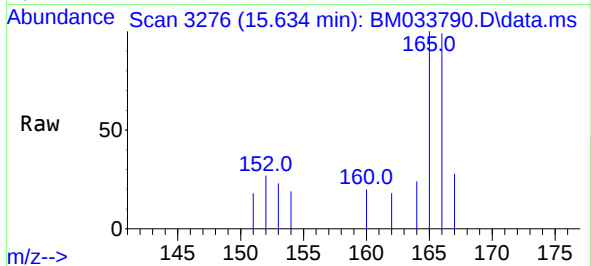
Tgt Ion:152 Resp: 29432
Ion Ratio Lower Upper
152 100
151 20.1 19.9 29.9
153 13.4 15.0 22.4#





#12
Fluorene
Concen: 0.034 ng/ul
RT: 15.634 min Scan# 31
Delta R.T. 0.004 min
Lab File: BM033790.D
Acq: 20 Jan 2022 16:01

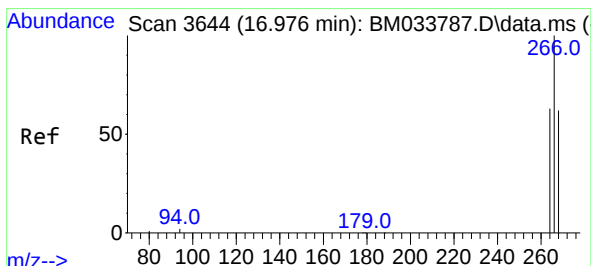
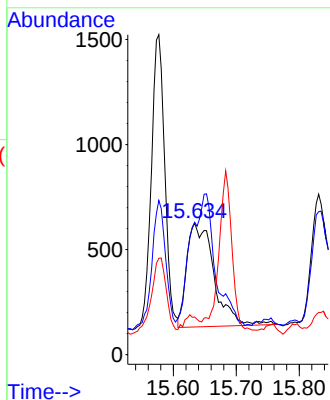
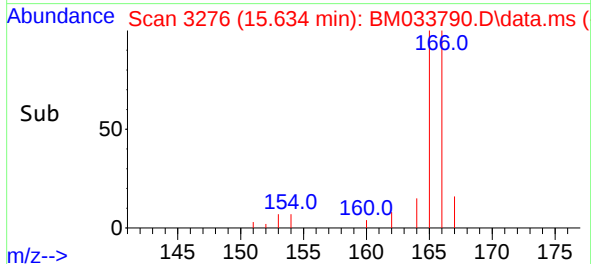
Instrument :
BNA_M
ClientSampleId :
DBM02



Tgt Ion:166 Resp: 148
Ion Ratio Lower Upper
166 100
165 100.6 81.1 121.7
167 28.6 14.9 22.3

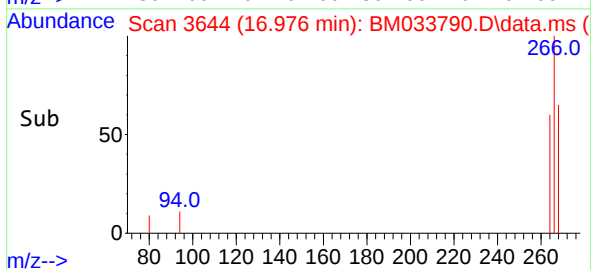
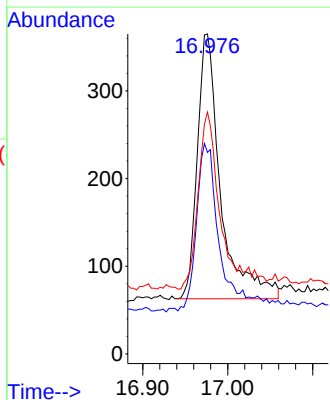
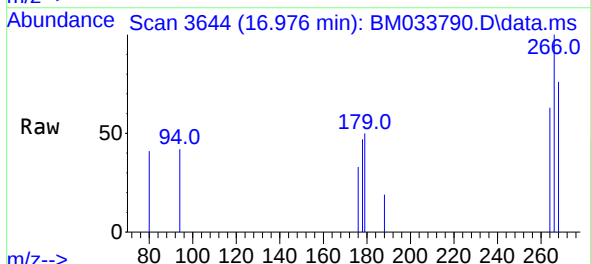
Manual Integrations
APPROVED

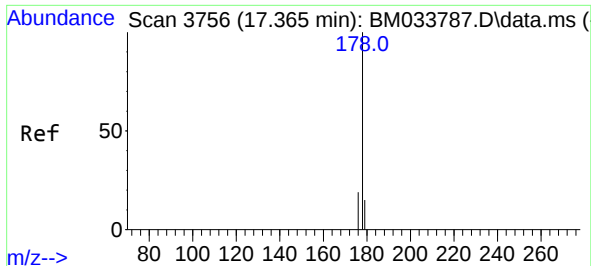
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#14
Pentachlorophenol
Concen: 0.084 ng/ul
RT: 16.976 min Scan# 3644
Delta R.T. 0.000 min
Lab File: BM033790.D
Acq: 20 Jan 2022 16:01

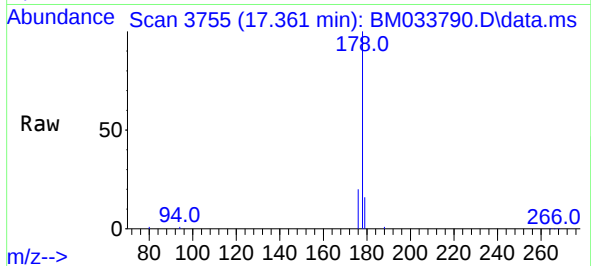
Tgt Ion:266 Resp: 578
Ion Ratio Lower Upper
266 100
264 63.5 51.4 77.0
268 64.5 53.1 79.7





#15
Phenanthrene
Concen: 0.577 ng/u1
RT: 17.361 min Scan# 31
Delta R.T. -0.003 min
Lab File: BM033790.D
Acq: 20 Jan 2022 16:01

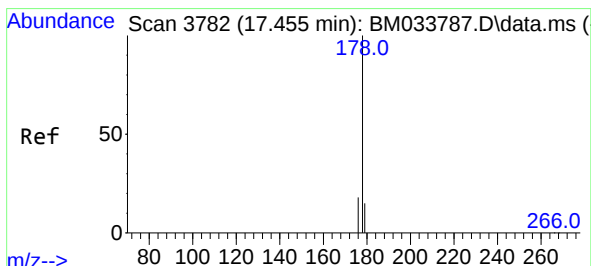
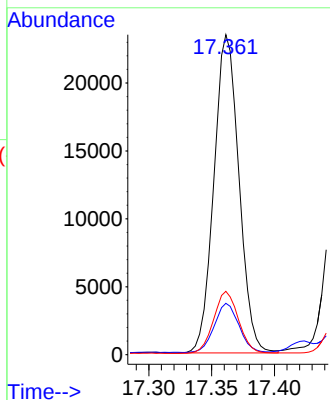
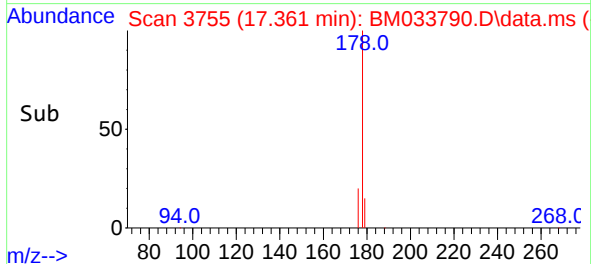
Instrument :
BNA_M
ClientSampleId :
DBM02



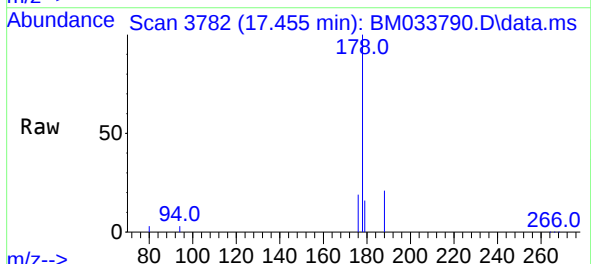
Tgt Ion:178 Resp: 32472
Ion Ratio Lower Upper
178 100
179 16.0 15.0 22.6
176 19.8 17.9 26.9

Manual Integrations
APPROVED

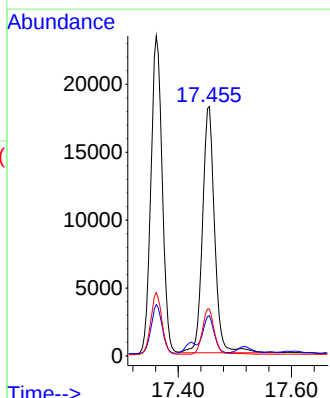
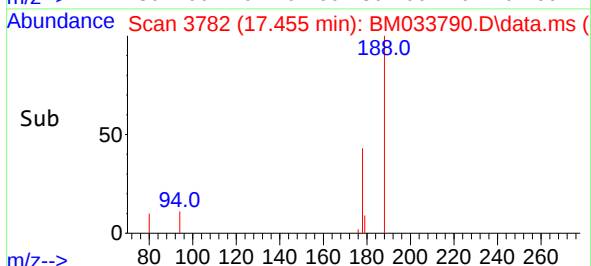
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

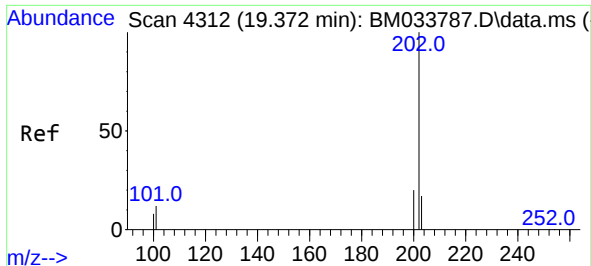


#16
Anthracene
Concen: 0.520 ng/u1
RT: 17.455 min Scan# 3782
Delta R.T. 0.000 min
Lab File: BM033790.D
Acq: 20 Jan 2022 16:01



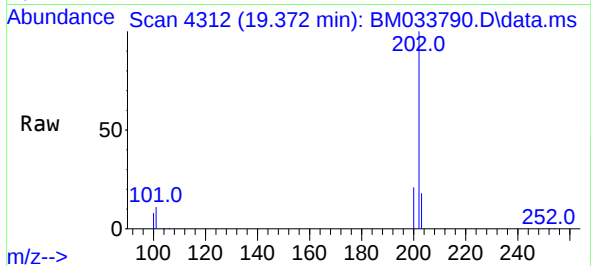
Tgt Ion:178 Resp: 26897
Ion Ratio Lower Upper
178 100
179 16.1 16.5 24.7#
176 18.9 18.3 27.5





#19
Fluoranthene
Concen: 4.119 ng/u1
RT: 19.372 min Scan# 4312
Delta R.T. 0.001 min
Lab File: BM033790.D
Acq: 20 Jan 2022 16:01

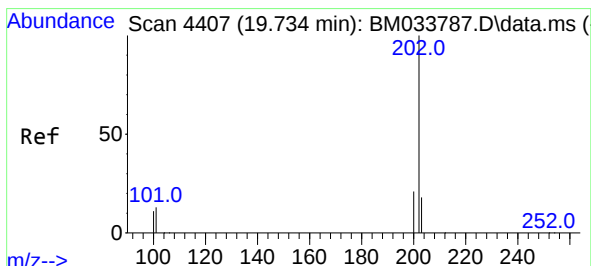
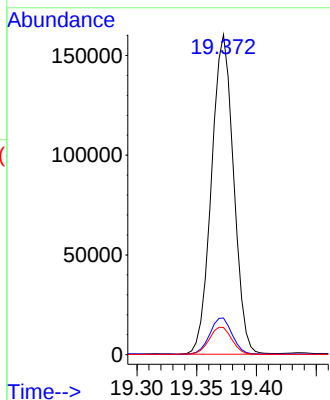
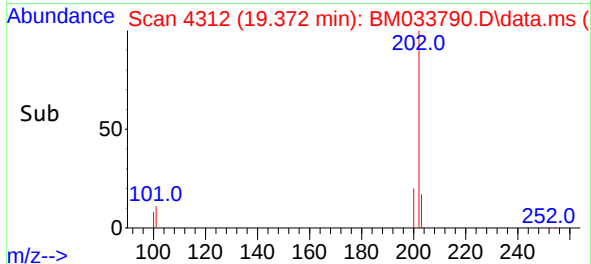
Instrument :
BNA_M
ClientSampleId :
DBM02



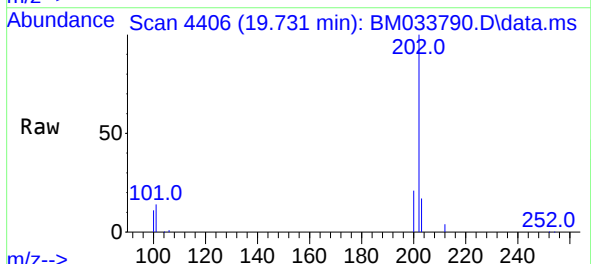
Tgt Ion:202 Resp: 206315
Ion Ratio Lower Upper
202 100
101 11.4 9.2 13.8
100 8.5 7.2 10.8

Manual Integrations
APPROVED

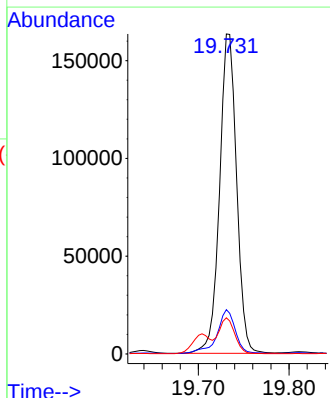
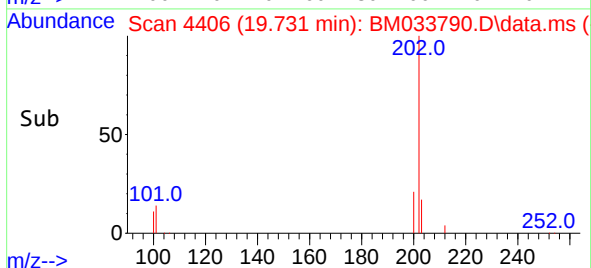
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

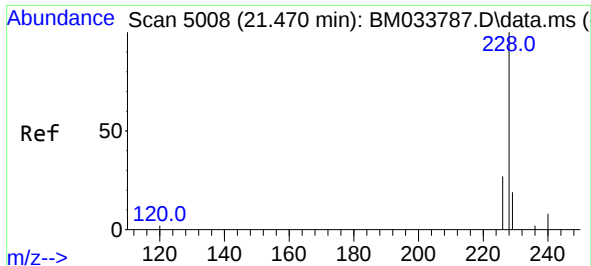


#20
Pyrene
Concen: 4.209 ng/u1
RT: 19.731 min Scan# 4406
Delta R.T. -0.003 min
Lab File: BM033790.D
Acq: 20 Jan 2022 16:01



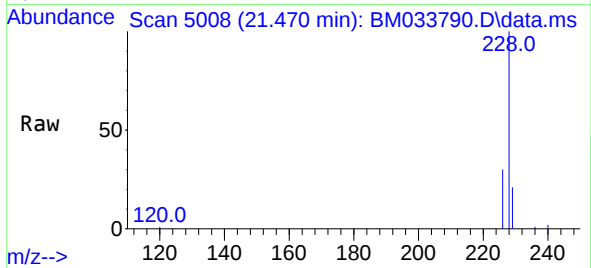
Tgt Ion:202 Resp: 213256
Ion Ratio Lower Upper
202 100
101 13.8 9.3 13.9
100 11.3 7.8 11.6





#21
Benzo(a)anthracene
Concen: 2.351 ng/u1
RT: 21.470 min Scan# 5008
Delta R.T. 0.001 min
Lab File: BM033790.D
Acq: 20 Jan 2022 16:01

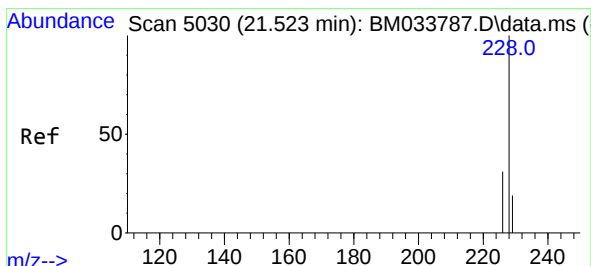
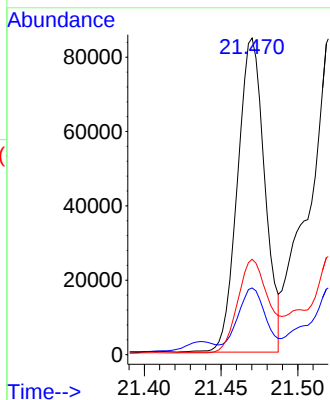
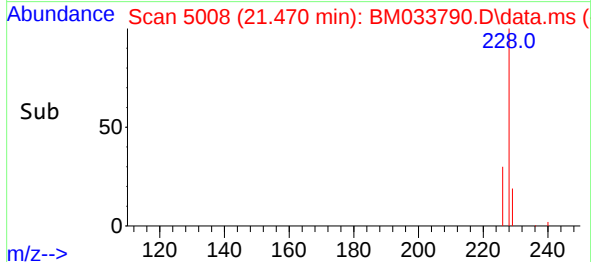
Instrument :
BNA_M
ClientSampleId :
DBM02



Tgt Ion:228 Resp: 104254
Ion Ratio Lower Upper
228 100
229 21.1 17.3 25.9
226 30.1 23.2 34.8

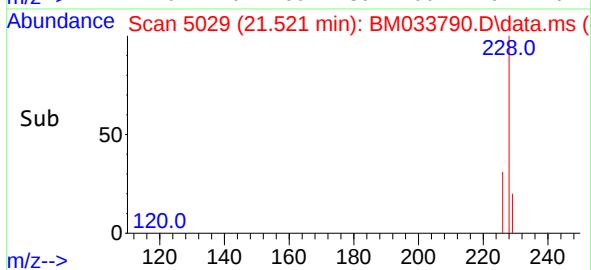
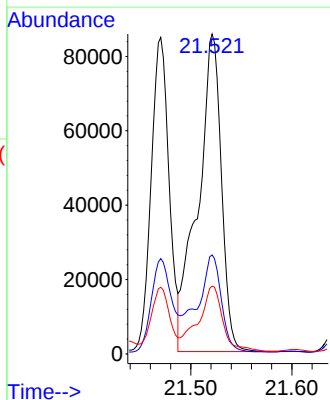
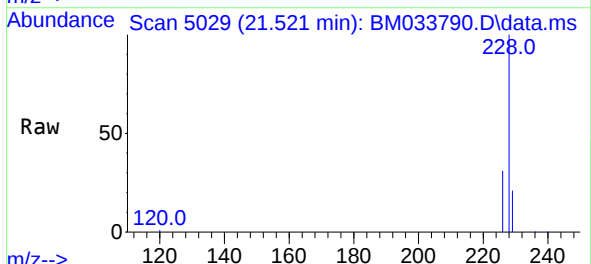
Manual Integrations
APPROVED

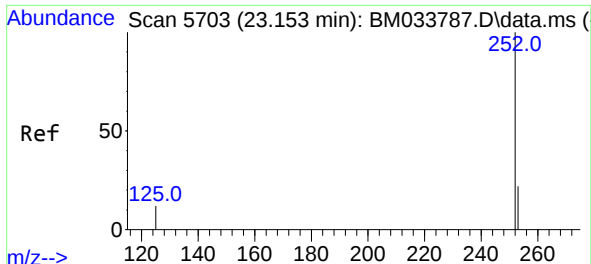
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#22
Chrysene
Concen: 3.046 ng/u1
RT: 21.521 min Scan# 5029
Delta R.T. -0.002 min
Lab File: BM033790.D
Acq: 20 Jan 2022 16:01

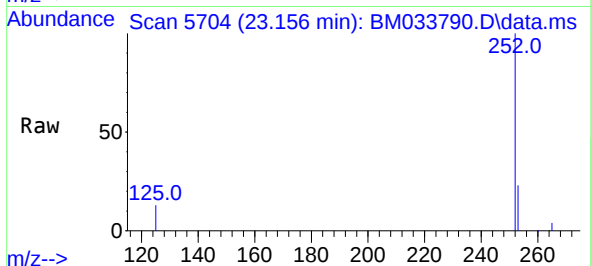
Tgt Ion:228 Resp: 138167
Ion Ratio Lower Upper
228 100
226 30.9 25.8 38.8
229 21.2 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 4.920 ng/ul m
RT: 23.156 min Scan# 5704
Delta R.T. 0.003 min
Lab File: BM033790.D
Acq: 20 Jan 2022 16:01

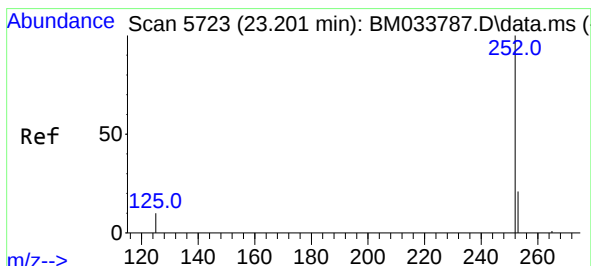
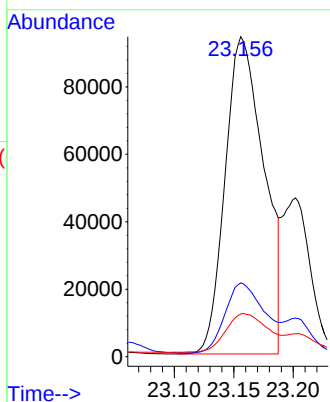
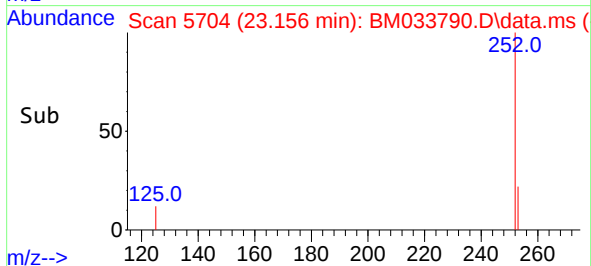
Instrument :
BNA_M
ClientSampleId :
DBM02



Tgt Ion:252 Resp: 21351
Ion Ratio Lower Upper
252 100
253 23.1 0.0 64.2
125 13.4 0.0 28.8

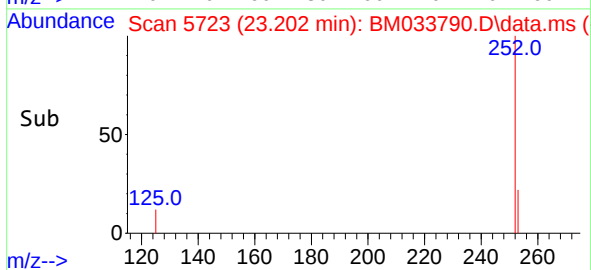
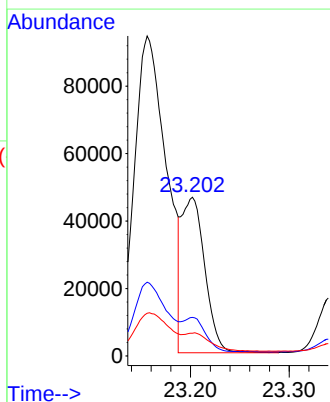
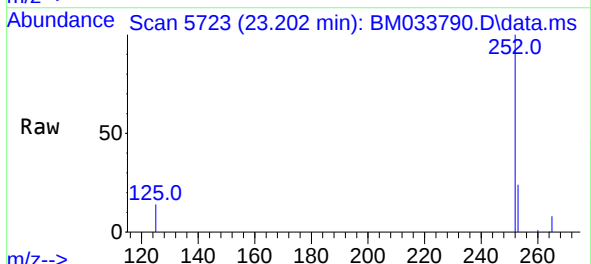
Manual Integrations
APPROVED

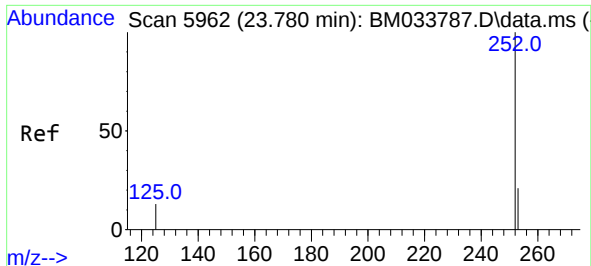
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#25
Benzo(k)fluoranthene
Concen: 1.783 ng/ul m
RT: 23.202 min Scan# 5723
Delta R.T. 0.001 min
Lab File: BM033790.D
Acq: 20 Jan 2022 16:01

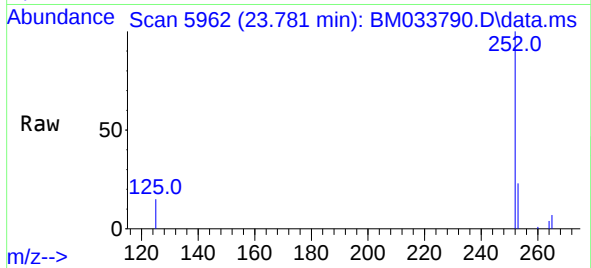
Tgt Ion:252 Resp: 75890
Ion Ratio Lower Upper
252 100
253 24.3 26.8 40.2#
125 14.3 12.0 18.0





#26
Benzo(a)pyrene
Concen: 2.896 ng/ul
RT: 23.781 min Scan# 5962
Delta R.T. 0.001 min
Lab File: BM033790.D
Acq: 20 Jan 2022 16:01

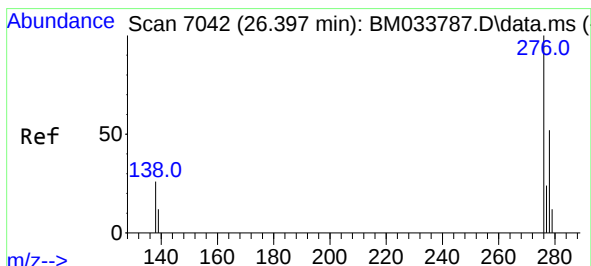
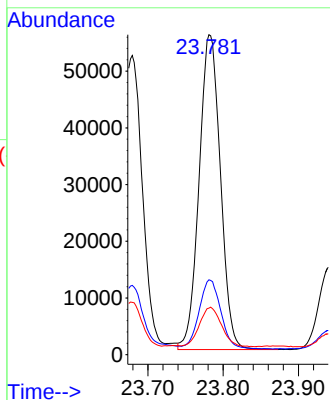
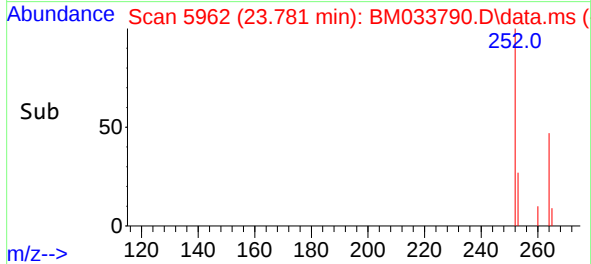
Instrument :
BNA_M
ClientSampleId :
DBM02



Tgt Ion:252 Resp: 109272
Ion Ratio Lower Upper
252 100
253 23.4 32.0 48.0
125 14.6 14.5 21.7

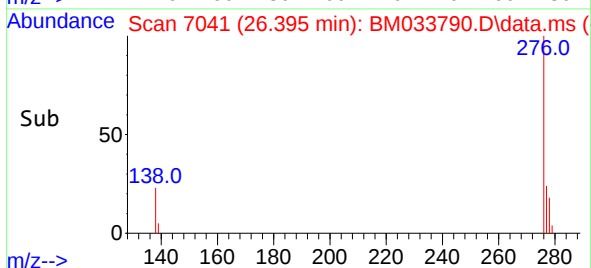
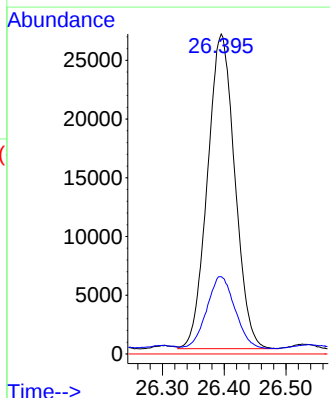
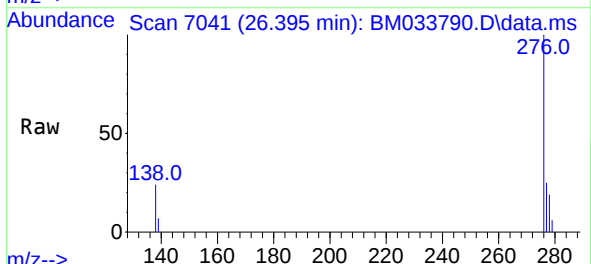
Manual Integrations
APPROVED

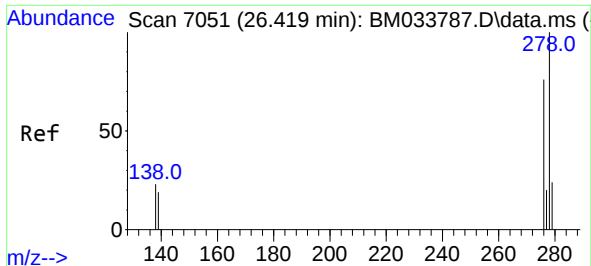
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.680 ng/ul
RT: 26.395 min Scan# 7041
Delta R.T. -0.002 min
Lab File: BM033790.D
Acq: 20 Jan 2022 16:01

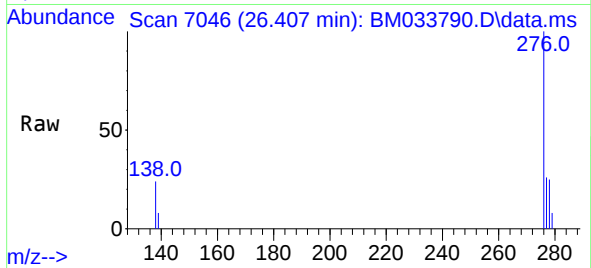
Tgt Ion:276 Resp: 82506
Ion Ratio Lower Upper
276 100
138 23.6 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.505 ng/ul
RT: 26.407 min Scan# 7051
Delta R.T. -0.012 min
Lab File: BM033790.D
Acq: 20 Jan 2022 16:01

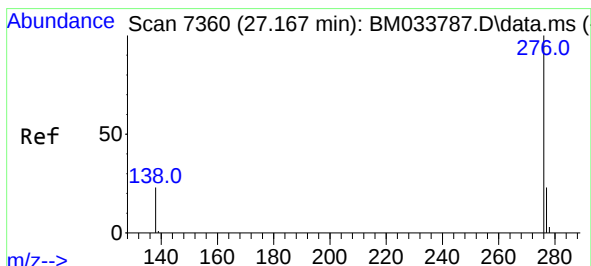
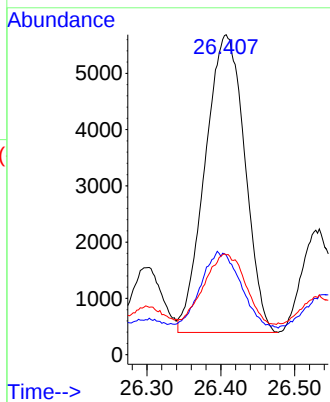
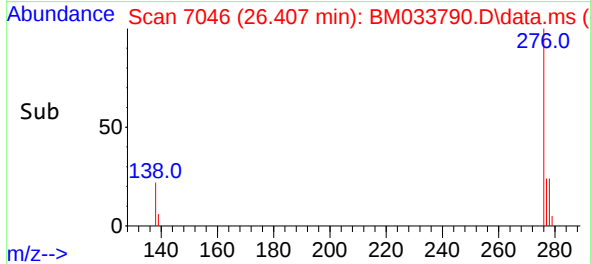
Instrument :
BNA_M
ClientSampleId :
DBM02



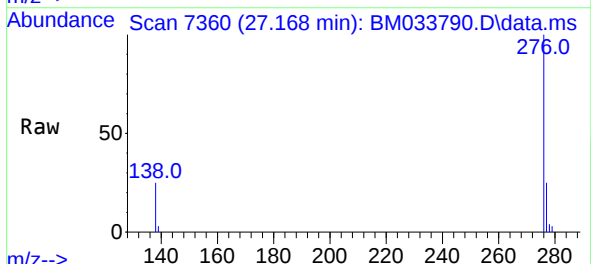
Tgt Ion:278 Resp: 19728
Ion Ratio Lower Upper
278 100
139 31.1 18.0 27.0
279 31.2 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#29
Benzo(g,h,i)perylene
Concen: 1.645 ng/ul
RT: 27.168 min Scan# 7360
Delta R.T. 0.001 min
Lab File: BM033790.D
Acq: 20 Jan 2022 16:01



Tgt Ion:276 Resp: 69428
Ion Ratio Lower Upper
276 100
138 24.9 17.4 26.0
277 24.7 22.6 33.8

