

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
 Data File : BM033580.D
 Acq On : 22 Dec 2021 18:04
 Operator : CG/JU
 Sample : M5034-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00U9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
 Supervised By :mohammad ahmed 12/29/2021

Quant Time: Dec 23 00:36:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 12:43:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.915	152	392	0.400	ng/ul	0.00
4) Naphthalene-d8	10.725	136	998	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	606	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.306	188	1400	0.400	ng/ul	-0.01
17) Chrysene-d12	21.489	240	1726	0.400	ng/ul	0.00
23) Perylene-d12	23.880	264	1814	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	1512	4.518	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	121	0.091	ng/ul	0.00
18) Fluoranthene-d10	19.330	212	534	0.134	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.774	128	158	0.048	ng/ul#	34
7) 2-Methylnaphthalene	12.393	142	103	0.046	ng/ul	95
8) 1-Methylnaphthalene	12.614	142	67	0.032	ng/ul	93
12) Fluorene	15.603	166	68	0.025	ng/ul#	84
15) Phenanthrene	17.347	178	939	0.207	ng/ul#	93
16) Anthracene	17.438	178	172	0.040	ng/ul#	43
19) Fluoranthene	19.364	202	1310	0.247	ng/ul#	88
20) Pyrene	19.719	202	1109m	0.200	ng/ul	
21) Benzo(a)anthracene	21.480	228	515m	0.109	ng/ul	
22) Chrysene	21.526	228	648m	0.121	ng/ul	
24) Benzo(b)fluoranthene	23.156	252	728m	0.127	ng/ul	
25) Benzo(k)fluoranthene	23.194	252	375m	0.062	ng/ul	
26) Benzo(a)pyrene	23.773	252	473	0.089	ng/ul#	33
27) Indeno(1,2,3-cd)pyrene	26.390	276	360	0.049	ng/ul#	75
29) Benzo(g,h,i)perylene	27.163	276	232	0.036	ng/ul#	23

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

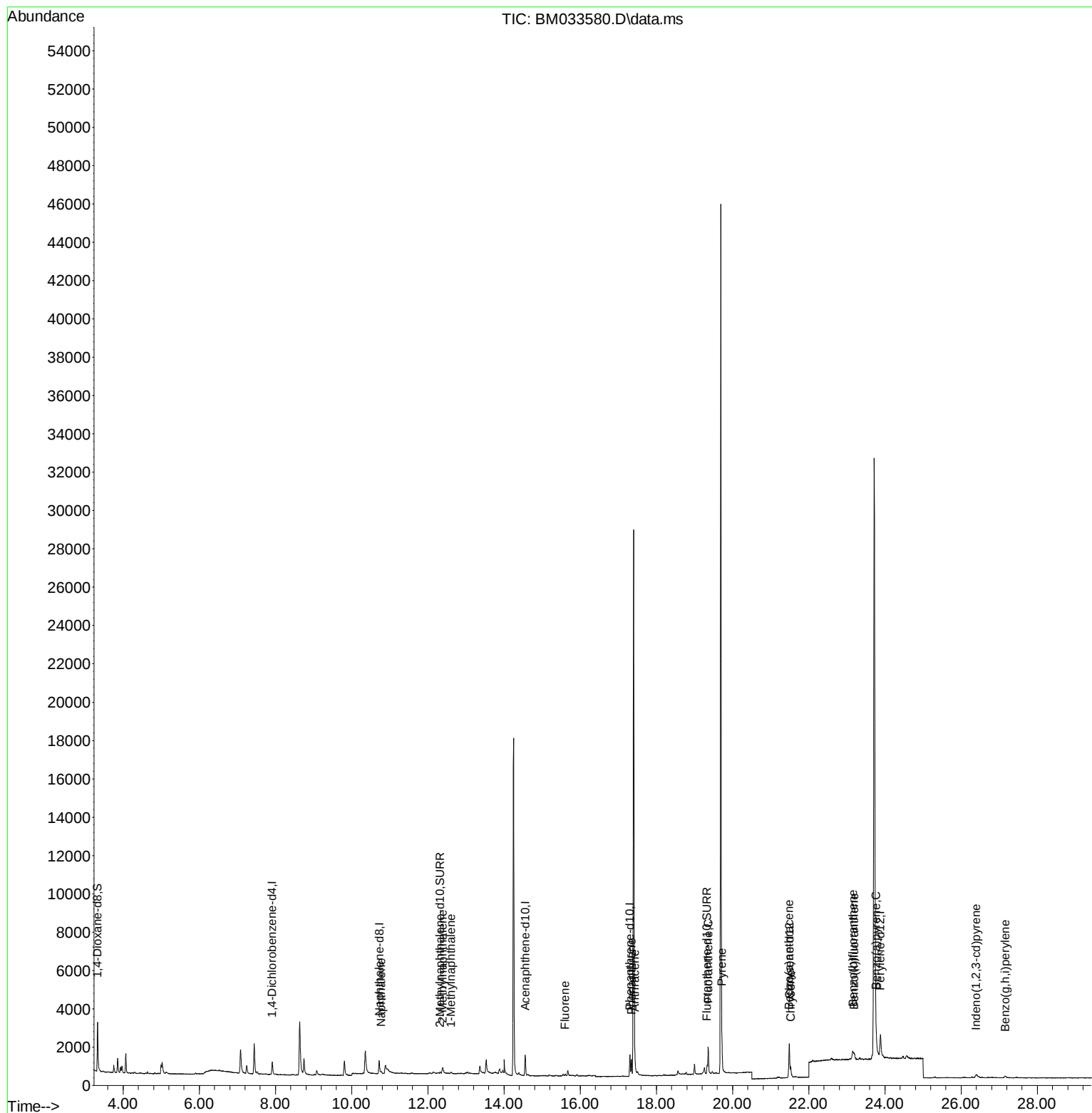
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122221\
Data File : BM033580.D
Acq On : 22 Dec 2021 18:04
Operator : CG/JU
Sample : M5034-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

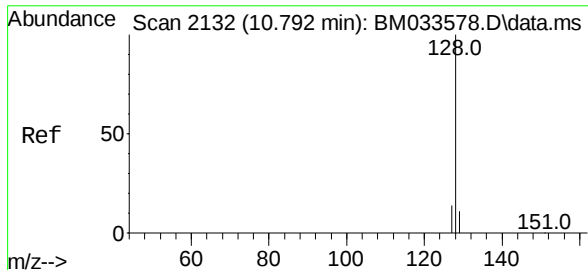
Instrument :
BNA_M
ClientSampleId :
C00U9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

Quant Time: Dec 23 00:36:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 12:43:31 2021
Response via : Initial Calibration





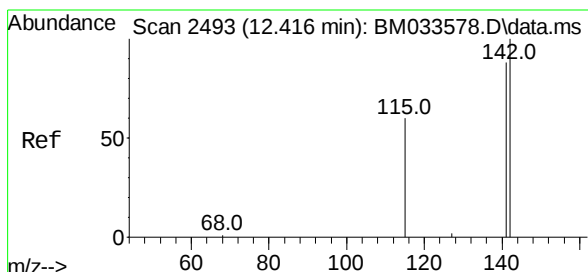
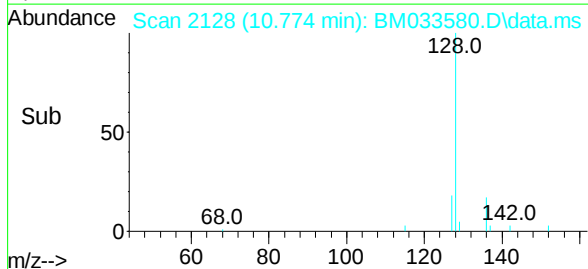
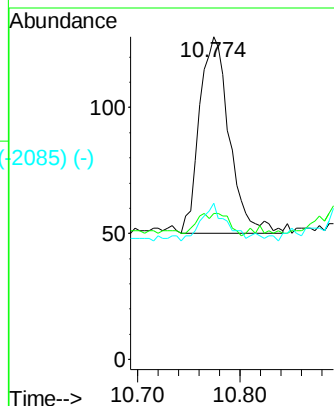
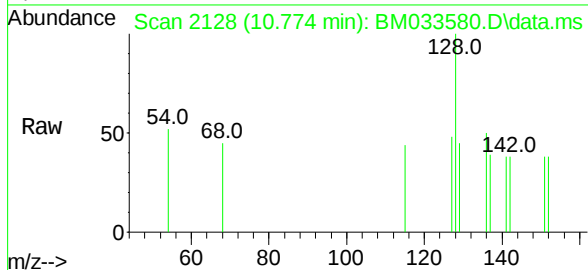
Naphthalene
 Concen: 0.048 ng/ul
 RT: 10.774 min Scan# 2128
 Delta R.T. -0.004 min
 Lab File: BM033580.D
 Acq: 22 Dec 2021 18:04

Instrument :
 BNA_M
 ClientSampleId :
 C00U9

Tgt Ion:	128	Resp:	15
Ion	Ratio	Lower	Upper
128	100		
129	45.3	13.4	20.2
127	48.4	15.2	22.8

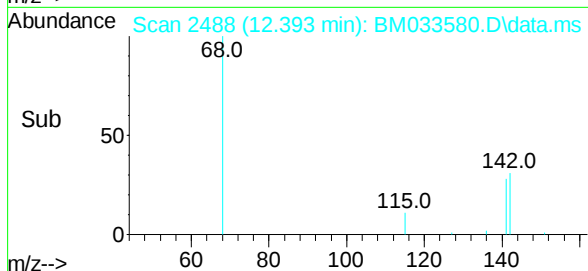
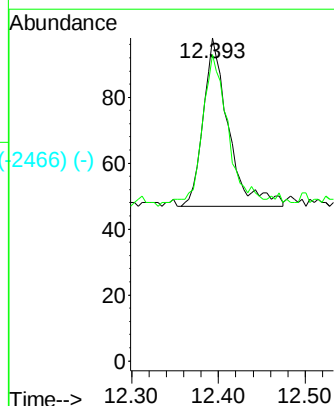
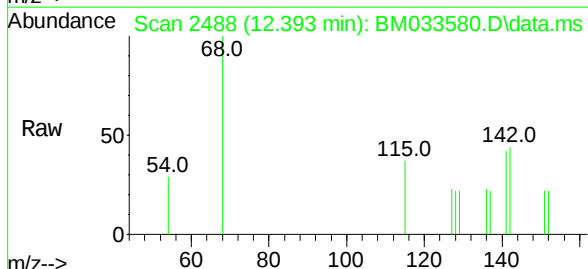
Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
 Supervised By :mohammad ahmed 12/29/2021



2-Methylnaphthalene
 Concen: 0.046 ng/ul
 RT: 12.393 min Scan# 2488
 Delta R.T. 0.000 min
 Lab File: BM033580.D
 Acq: 22 Dec 2021 18:04

Tgt Ion:	142	Resp:	103
Ion	Ratio	Lower	Upper
142	100		
141	94.2	71.8	107.6



Abundance Scan 2538 (12.618 min): BM033578.D\data.ms (-2538) (-)

1-Methylnaphthalene

Concen: 0.032 ng/u1

RT: 12.614 min Scan# 2538

Delta R.T. 0.005 min

Lab File: BM033580.D

Acq: 22 Dec 2021 18:04

Tgt Ion:142 Resp: 6

Ion Ratio Lower Upper

142 100

141 100.0 75.0 112.4

Instrument :

BNA_M

ClientSampleId :

C00U9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021

Supervised By :mohammad ahmed 12/29/2021

Abundance Scan 2537 (12.614 min): BM033580.D\data.ms

Ref

54.0 68.0 115.0 142.0

Raw

50

0

m/z-->

60 80 100 120 140

Abundance Scan 2537 (12.614 min): BM033580.D\data.ms (-2514) (-)

Sub

50

0

m/z-->

60 80 100 120 140

Abundance

12.614

60

40

20

0

Time-->

12.60

Abundance Scan 3275 (15.630 min): BM033578.D\data.ms (-3275) (-)

Fluorene

Concen: 0.025 ng/u1

RT: 15.603 min Scan# 3268

Delta R.T. -0.015 min

Lab File: BM033580.D

Acq: 22 Dec 2021 18:04

Tgt Ion:166 Resp: 68

Ion Ratio Lower Upper

166 100

165 100.0 81.1 121.7

167 60.2 14.9 22.3#

Abundance Scan 3268 (15.603 min): BM033580.D\data.ms

Ref

152.0 160.0 166.0

Raw

50

0

m/z-->

145 150 155 160 165 170 175

Abundance Scan 3268 (15.603 min): BM033580.D\data.ms (-3246) (-)

Sub

50

0

m/z-->

145 150 155 160 165 170 175

Abundance

15.603

80

60

40

20

0

Time-->

15.55 15.60 15.65

Abundance Scan 3756 (17.365 min): BM033578.D\data.ms (-3715) (-)

Phenanthrene

Concen: 0.207 ng/ul

RT: 17.347 min Scan# 3751

Delta R.T. -0.010 min

Lab File: BM033580.D

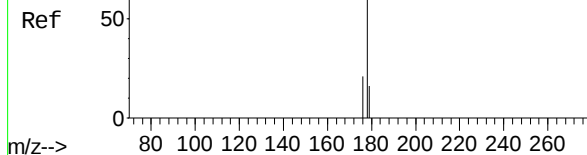
Acq: 22 Dec 2021 18:04

Instrument :

BNA_M

ClientSampleId :

C00U9



Tgt Ion:178 Resp: 93

Ion Ratio Lower Upper

178 100

179 22.7 15.0 22.6

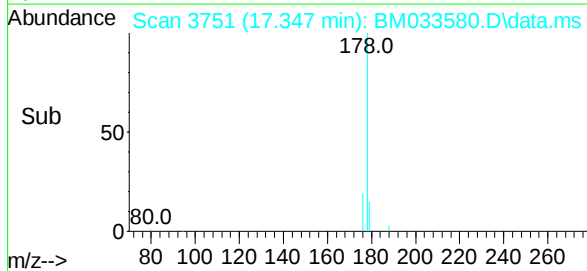
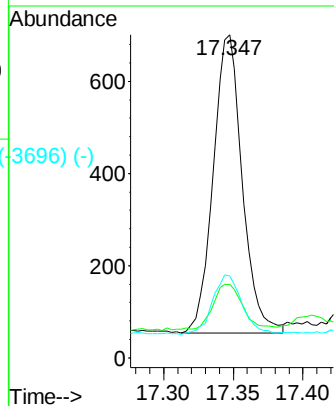
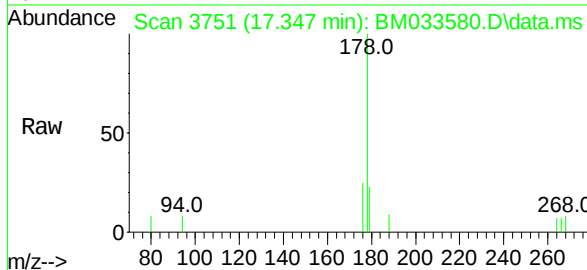
176 25.2 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021

Supervised By :mohammad ahmed 12/29/2021



Abundance Scan 3786 (17.469 min): BM033578.D\data.ms (-3716) (-)

Anthracene

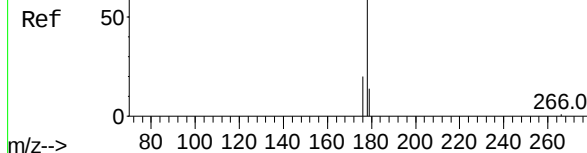
Concen: 0.040 ng/ul

RT: 17.438 min Scan# 3777

Delta R.T. -0.014 min

Lab File: BM033580.D

Acq: 22 Dec 2021 18:04



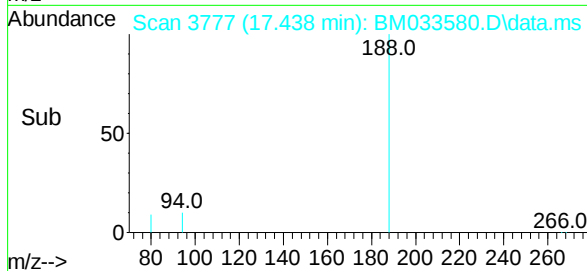
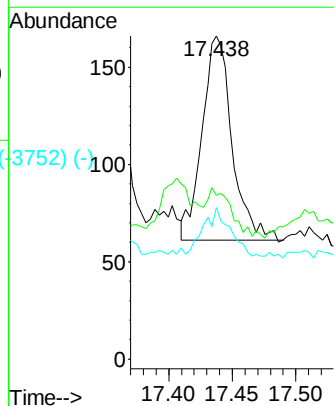
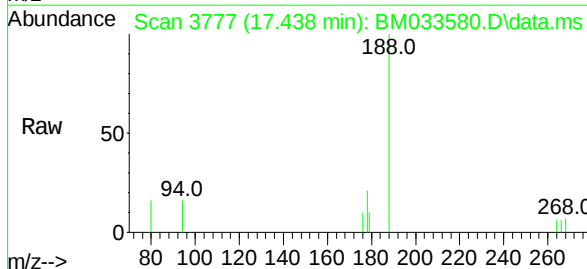
Tgt Ion:178 Resp: 172

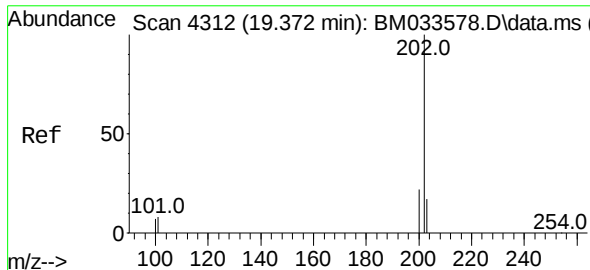
Ion Ratio Lower Upper

178 100

179 50.6 16.5 24.7#

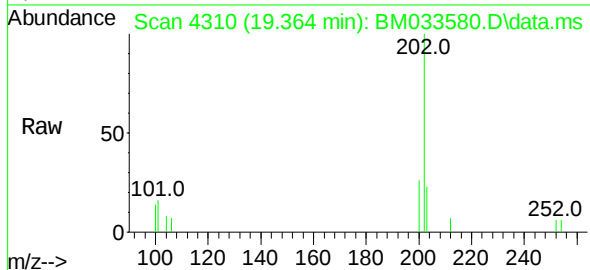
176 47.0 18.3 27.5#





Scan 4312 (19.372 min): BM033578.D\data.ms (-4312) (-)
 Fluoranthene
 Concen: 0.247 ng/ul
 RT: 19.364 min Scan# 4310
 Delta R.T. -0.000 min
 Lab File: BM033580.D
 Acq: 22 Dec 2021 18:04

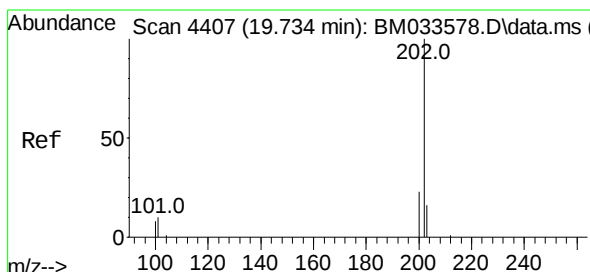
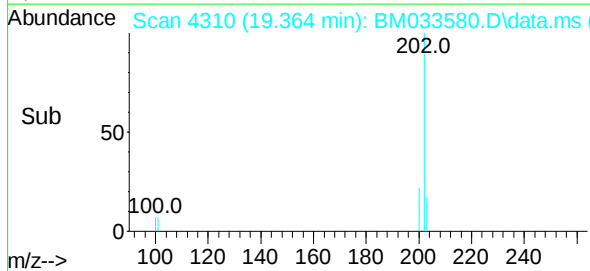
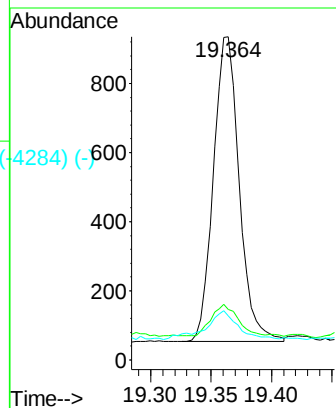
Instrument :
 BNA_M
 ClientSampleId :
 C00U9



Tgt Ion: 202 Resp: 133
 Ion Ratio Lower Upper
 202 100
 101 15.7 9.2 13.8
 100 13.6 7.2 10.8

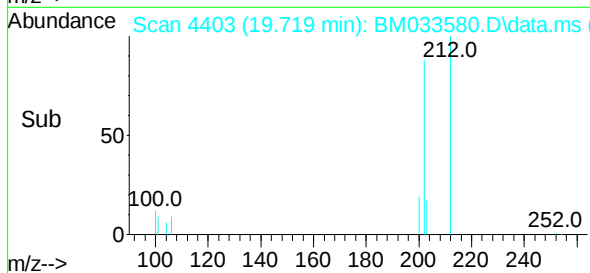
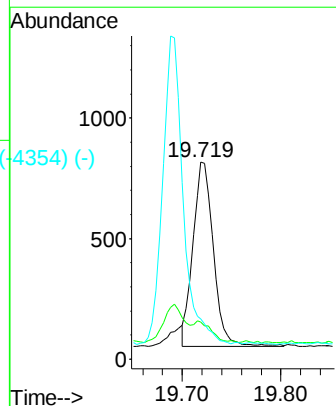
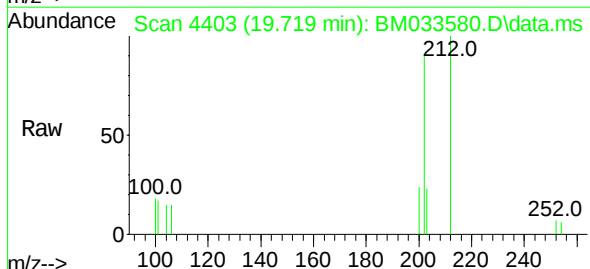
Manual Integrations
 APPROVED

Reviewed By : Jagrut Upadhyay 12/23/2021
 Supervised By : mohammad ahmed 12/29/2021

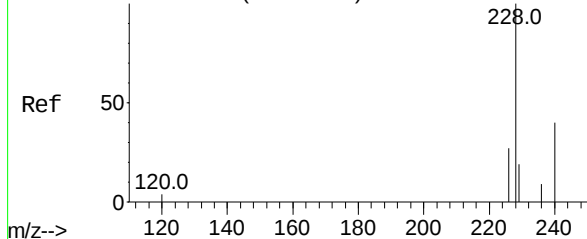


Scan 4407 (19.734 min): BM033578.D\data.ms (-4407) (-)
 Pyrene
 Concen: 0.200 ng/ul m
 RT: 19.719 min Scan# 4403
 Delta R.T. -0.012 min
 Lab File: BM033580.D
 Acq: 22 Dec 2021 18:04

Tgt Ion: 202 Resp: 1109
 Ion Ratio Lower Upper
 202 100
 101 18.9 9.3 13.9#
 100 20.4 7.8 11.6#



Abundance Scan 5014 (21.485 min): BM033578.D\data.ms (-500) (-)



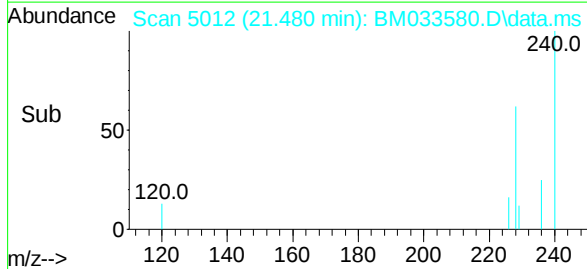
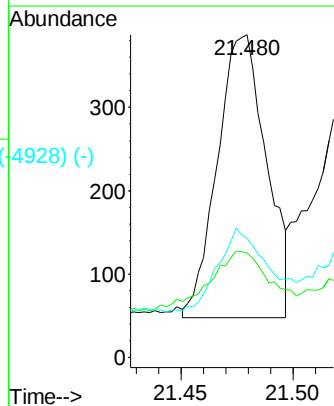
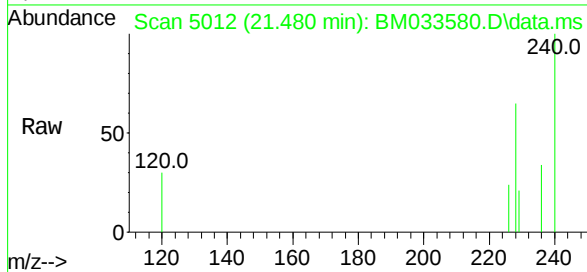
Benzo(a)anthracene
Concen: 0.109 ng/ul m
RT: 21.480 min Scan# 5012
Delta R.T. 0.002 min
Lab File: BM033580.D
Acq: 22 Dec 2021 18:04

Instrument :
BNA_M
ClientSampleId :
C00U9

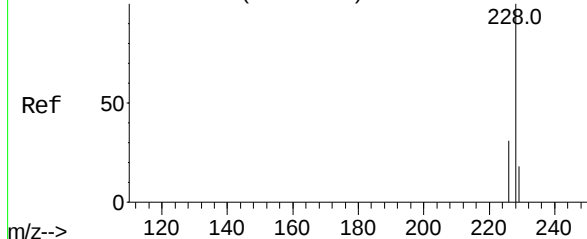
Tgt Ion:228 Resp: 50
Ion Ratio Lower Upper
228 100
229 32.3 17.3 25.9
226 37.0 23.2 34.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

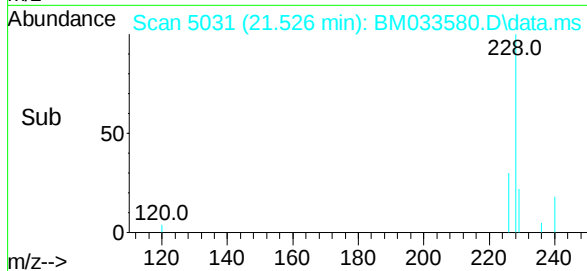
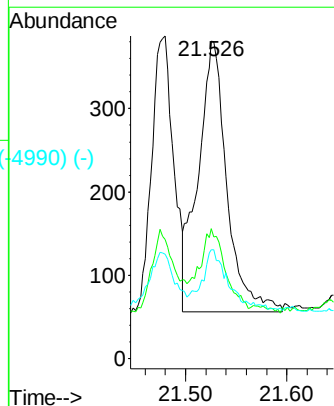
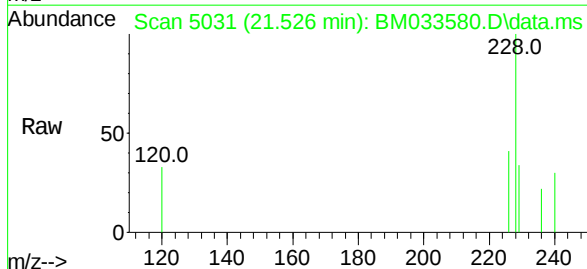


Abundance Scan 5034 (21.533 min): BM033578.D\data.ms (-5028) (-)

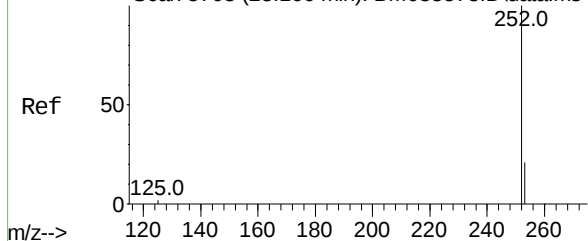


Chrysene
Concen: 0.121 ng/ul m
RT: 21.526 min Scan# 5031
Delta R.T. -0.000 min
Lab File: BM033580.D
Acq: 22 Dec 2021 18:04

Tgt Ion:228 Resp: 648
Ion Ratio Lower Upper
228 100
226 40.9 25.8 38.8#
229 34.4 16.7 25.1#



Abundance Scan 5708 (23.166 min): BM033578.D\data.ms (-5624) (-)



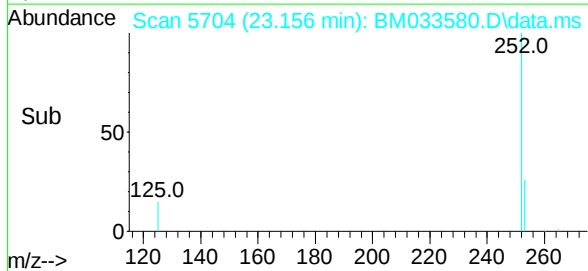
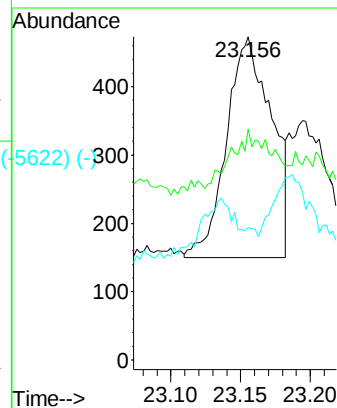
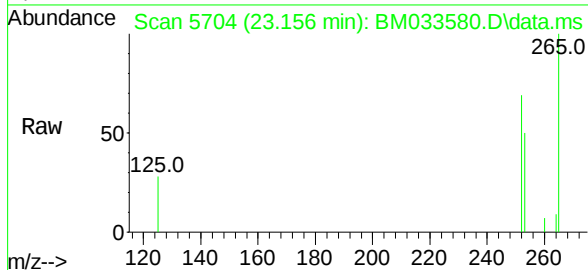
Benzo(b)fluoranthene
Concen: 0.127 ng/ul m
RT: 23.156 min Scan#
Delta R.T. -0.000 min
Lab File: BM033580.D
Acq: 22 Dec 2021 18:04

Instrument :
BNA_M
ClientSampleId :
C00U9

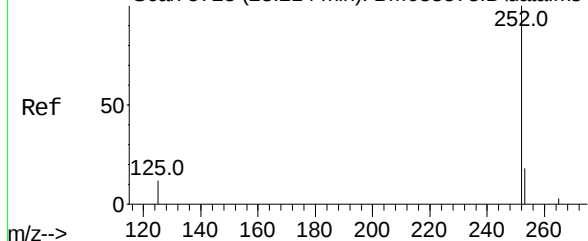
Tgt Ion:252 Resp: 72
Ion Ratio Lower Upper
252 100
253 71.5 0.0 64.2
125 41.0 0.0 28.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

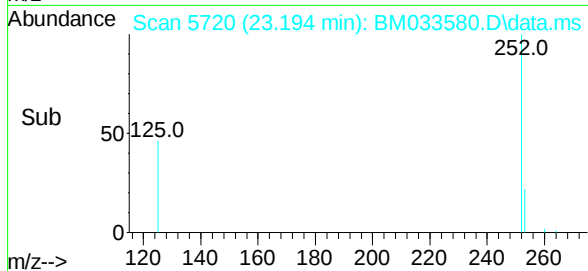
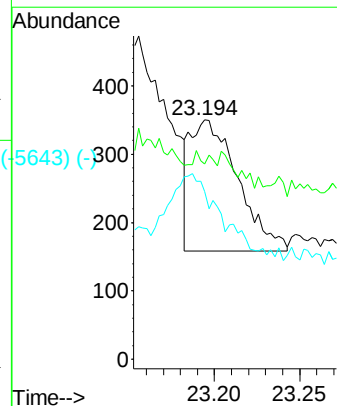
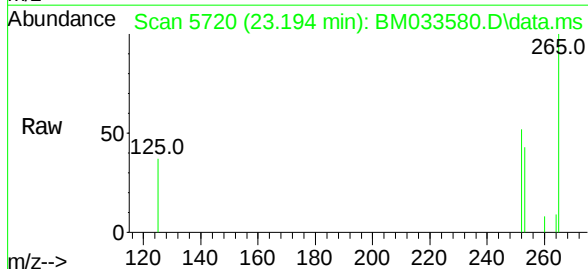


Abundance Scan 5728 (23.214 min): BM033578.D\data.ms (-5725) (-)



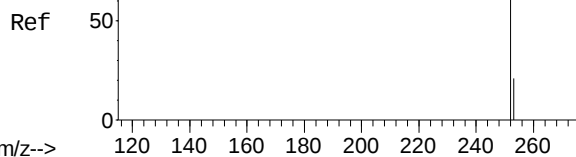
Benzo(k)fluoranthene
Concen: 0.062 ng/ul m
RT: 23.194 min Scan# 5720
Delta R.T. -0.012 min
Lab File: BM033580.D
Acq: 22 Dec 2021 18:04

Tgt Ion:252 Resp: 375
Ion Ratio Lower Upper
252 100
253 81.7 26.8 40.2#
125 70.0 12.0 18.0#



Abundance Scan 5966 (23.791 min): BM033578.D\data.ms (-5926) (-)

Benzo(a)pyrene
Concen: 0.089 ng/u1
RT: 23.773 min Scan# 5926
Delta R.T. -0.012 min
Lab File: BM033580.D
Acq: 22 Dec 2021 18:04

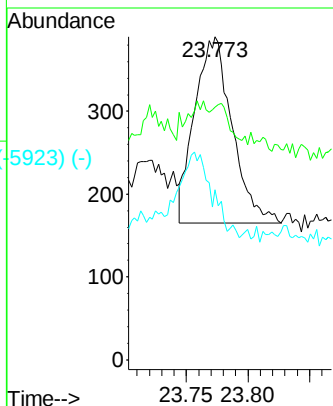
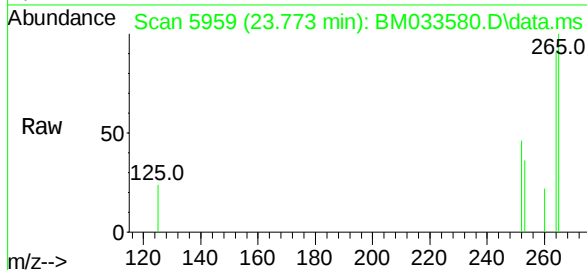


Tgt Ion:	252	Resp:	47
Ion Ratio	Lower	Upper	
252	100		
253	78.2	32.0	48.0
125	52.6	14.5	21.7

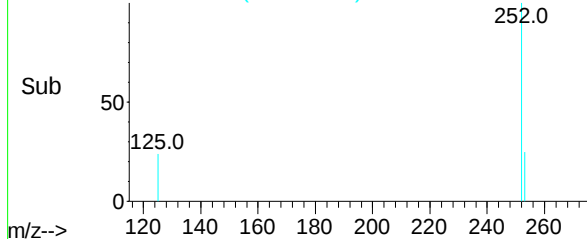
Instrument :
BNA_M
ClientSampleId :
C00U9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



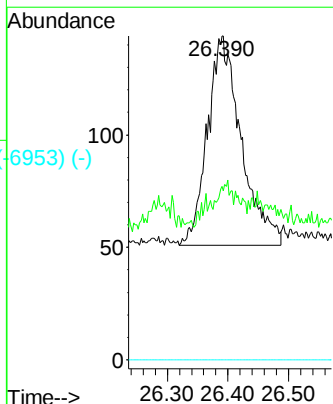
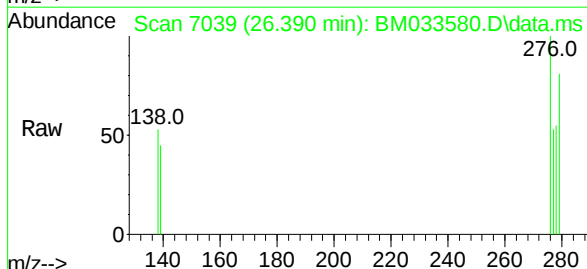
Abundance Scan 5959 (23.773 min): BM033580.D\data.ms (-5923) (-)



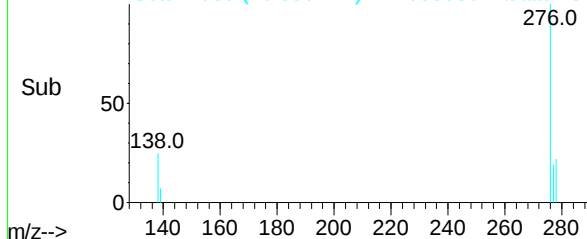
Abundance Scan 7039 (26.390 min): BM033578.D\data.ms (-7027) (-)

Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng/u1
RT: 26.390 min Scan# 7039
Delta R.T. 0.009 min
Lab File: BM033580.D
Acq: 22 Dec 2021 18:04

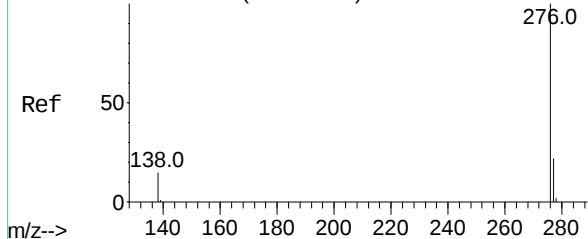
Tgt Ion:	276	Resp:	360
Ion Ratio	Lower	Upper	
276	100		
138	8.3	15.8	23.6#
227	0.0	0.0	0.0



Abundance Scan 7039 (26.390 min): BM033580.D\data.ms (-6953) (-)

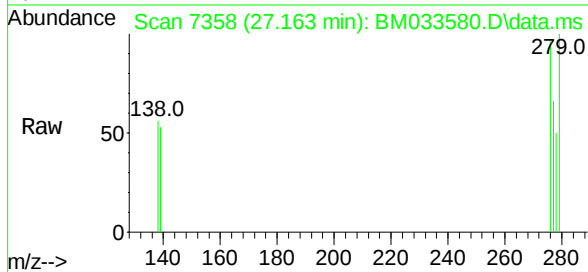


Abundance Scan 7350 (27.144 min): BM033578.D\data.ms (-7266) (-)



Benzo(g,h,i)perylene
Concen: 0.036 ng/u1
RT: 27.163 min Scan#
Delta R.T. 0.024 min
Lab File: BM033580.D
Acq: 22 Dec 2021 18:04

Instrument :
BNA_M
ClientSampleId :
C00U9



Tgt Ion:	276	Resp:	23
Ion	Ratio	Lower	Upper
276	100		
138	58.6	17.4	26.0
277	68.5	22.6	33.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

Abundance Scan 7358 (27.163 min): BM033580.D\data.ms (-7266) (-)

