

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035752.D
 Acq On : 29 Jun 2022 08:56
 Operator : CG/JU
 Sample : PB145656BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS656

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022

Quant Time: Jun 29 17:49:19 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:48:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3378m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.584	136	11146	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.418	164	6131m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.174	188	11928	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.366	240	12514	0.400	ng/ul	#-0.01
23) Perylene-d12	23.686	264	12837	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	3680	0.803	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	6343	0.363	ng/ul	-0.04
18) Fluoranthene-d10	19.201	212	13705	0.325	ng/ul	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.251	88	9335m	2.059	ng/ul	
5) Naphthalene	10.633	128	12042	0.353	ng/ul	99
7) 2-Methylnaphthalene	12.255	142	7111	0.333	ng/ul	99
8) 1-Methylnaphthalene	12.464	142	7340	0.364	ng/ul	98
10) Acenaphthylene	14.145	152	11659	0.362	ng/ul	98
11) Acenaphthene	14.483	153	8219	0.332	ng/ul	100
12) Fluorene	15.482	166	9163	0.321	ng/ul	97
14) Pentachlorophenol	16.857	266	2119m	1.125	ng/ul	
15) Phenanthrene	17.216	178	14167	0.328	ng/ul#	94
16) Anthracene	17.313	178	13762	0.383	ng/ul#	94
19) Fluoranthene	19.233	202	17927	0.286	ng/ul	95
20) Pyrene	19.596	202	19689	0.280	ng/ul	96
21) Benzo(a)anthracene	21.348	228	16457	0.380	ng/ul#	88
22) Chrysene	21.401	228	17963	0.323	ng/ul#	89
24) Benzo(b)fluoranthene	22.982	252	19793	0.360	ng/ul	69
25) Benzo(k)fluoranthene	23.028	252	19354	0.344	ng/ul#	71
26) Benzo(a)pyrene	23.587	252	20209	0.359	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.091	276	25137	0.410	ng/ul	100
28) Dibenzo(a,h)anthracene	26.101	278	20527	0.423	ng/ul#	70
29) Benzo(g,h,i)perylene	26.833	276	22238	0.394	ng/ul#	78

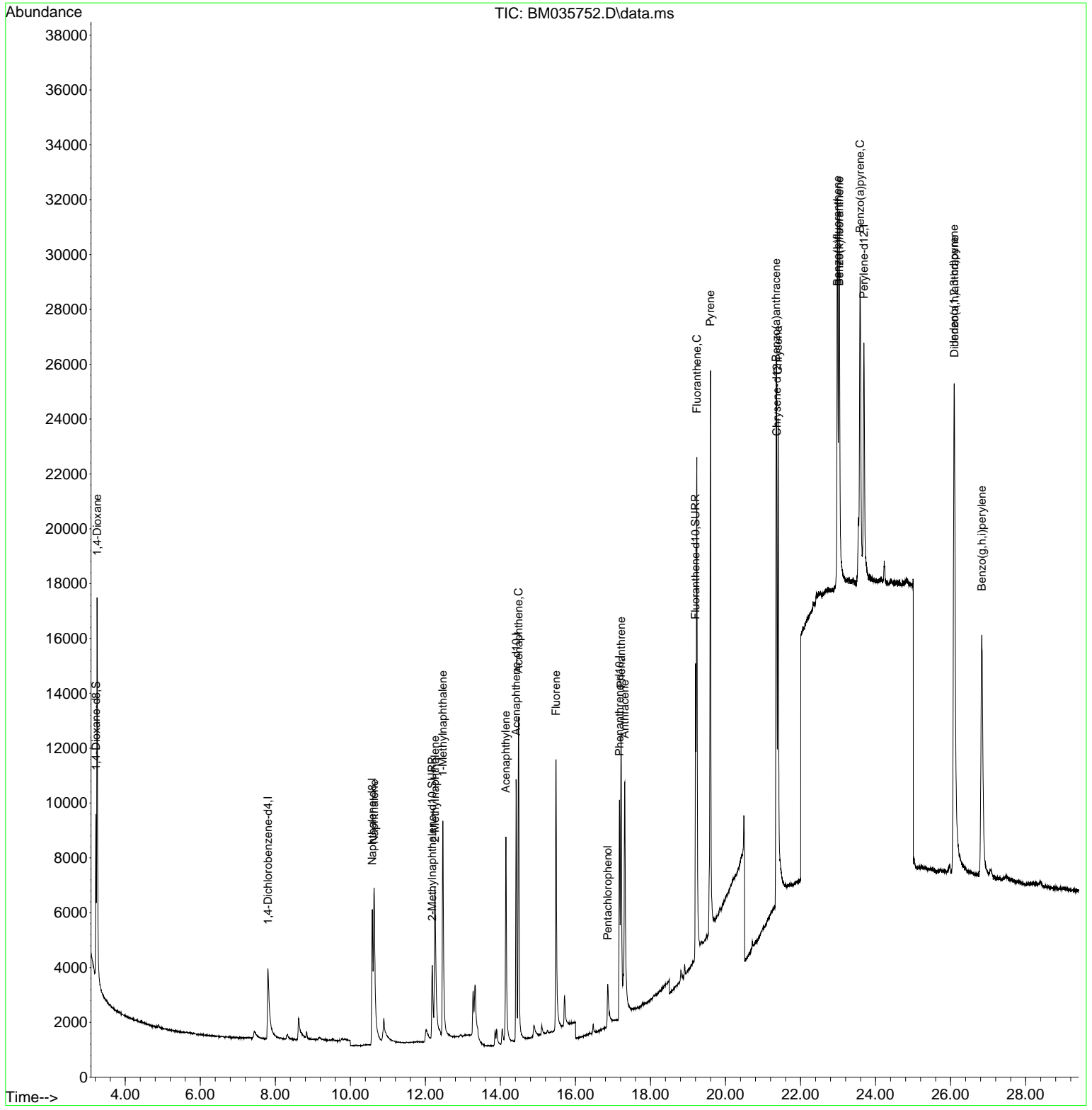
(#) = qualifier out of range (m) = manual integration (+) = signals summed

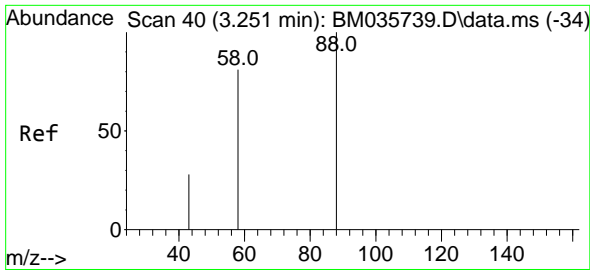
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062822\
 Data File : BM035752.D
 Acq On : 29 Jun 2022 08:56
 Operator : CG/JU
 Sample : PB145656BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 SLCS656

Quant Time: Jun 29 17:49:19 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:48:53 2022
 Response via : Initial Calibration

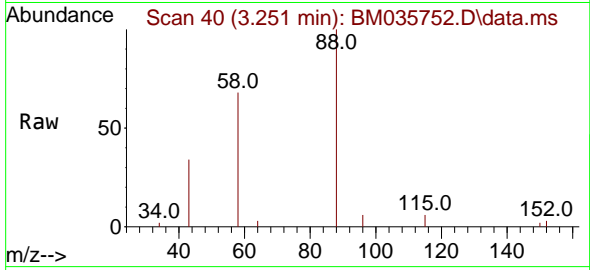
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022





#2
 1,4-Dioxane
 Concen: 2.059 ng/u1 m
 RT: 3.251 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56

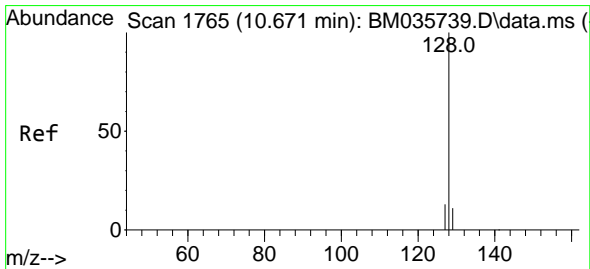
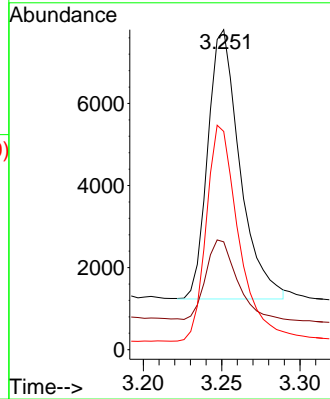
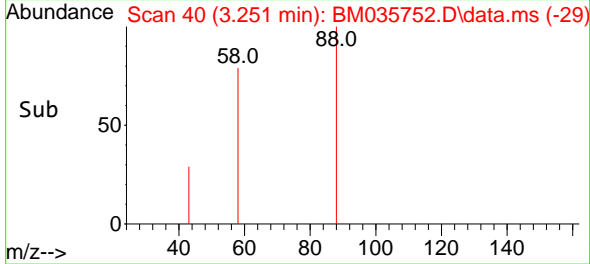
Instrument :
 BNA_M
 ClientSampleId :
 SLCS656



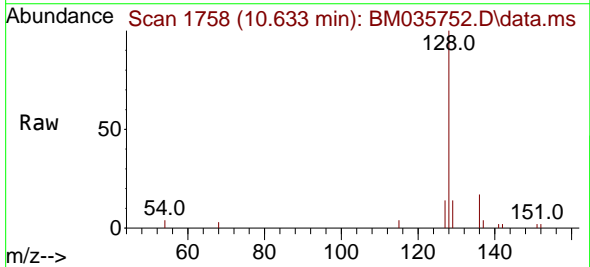
Tgt Ion: 88 Resp: 933
 Ion Ratio Lower Upper
 88 100
 43 33.7 37.8 56.6
 58 68.2 42.6 63.8

Manual Integrations
 APPROVED

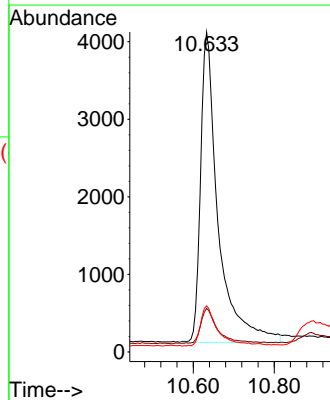
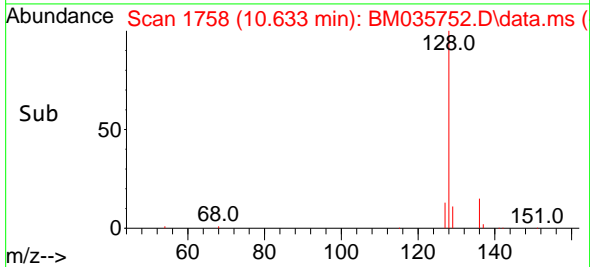
Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022

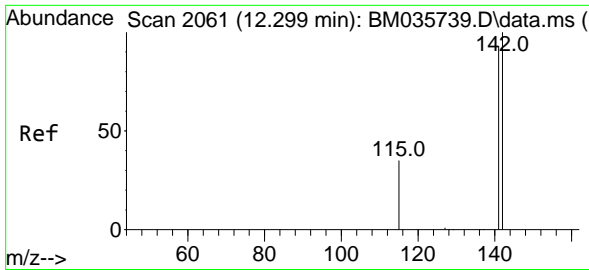


#5
 Naphthalene
 Concen: 0.353 ng/u1
 RT: 10.633 min Scan# 1758
 Delta R.T. -0.038 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56



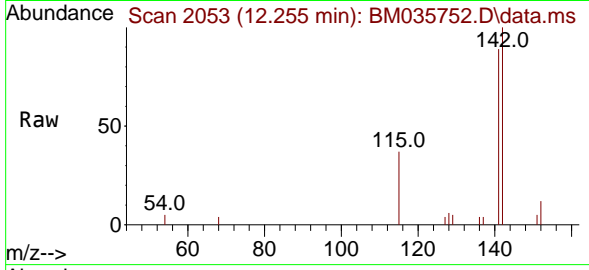
Tgt Ion:128 Resp: 12042
 Ion Ratio Lower Upper
 128 100
 129 13.6 10.2 15.2
 127 14.4 11.7 17.5





#7
 2-Methylnaphthalene
 Concen: 0.333 ng/u1
 RT: 12.255 min Scan# 2091
 Delta R.T. -0.038 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56

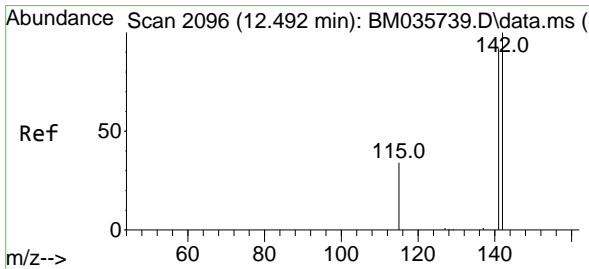
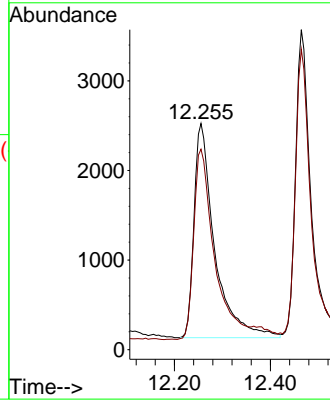
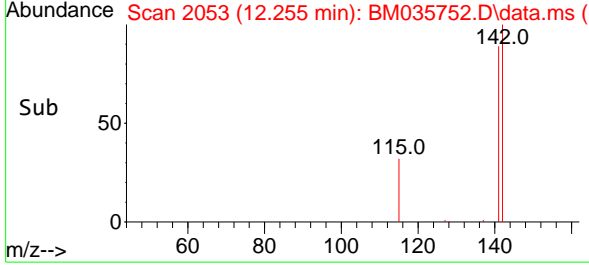
Instrument :
 BNA_M
 ClientSampleId :
 SLCS656



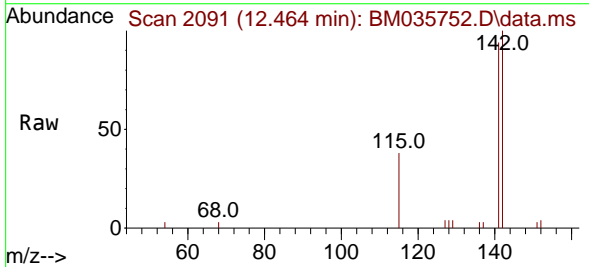
Tgt Ion:142 Resp: 711
 Ion Ratio Lower Upper
 142 100
 141 95.6 77.4 116.0

Manual Integrations
 APPROVED

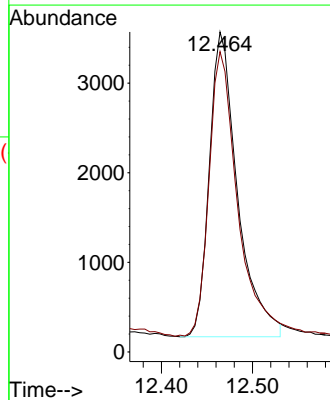
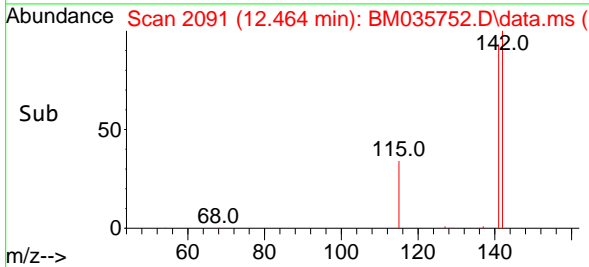
Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022

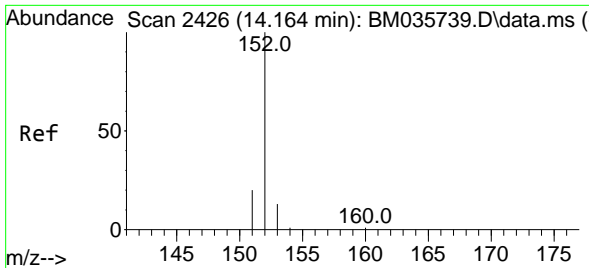


#8
 1-Methylnaphthalene
 Concen: 0.364 ng/u1
 RT: 12.464 min Scan# 2091
 Delta R.T. -0.027 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56



Tgt Ion:142 Resp: 7340
 Ion Ratio Lower Upper
 142 100
 141 94.1 74.1 111.1





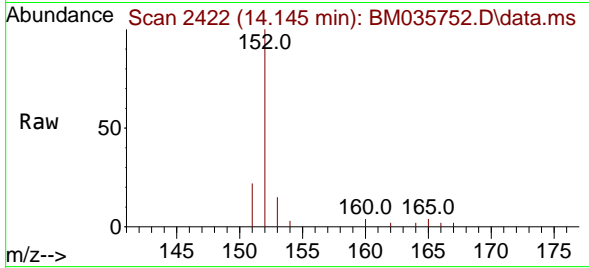
#10
 Acenaphthylene
 Concen: 0.362 ng/u1
 RT: 14.145 min Scan# 2422
 Delta R.T. -0.018 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56

Instrument :

BNA_M

ClientSampleId :

SLCS656

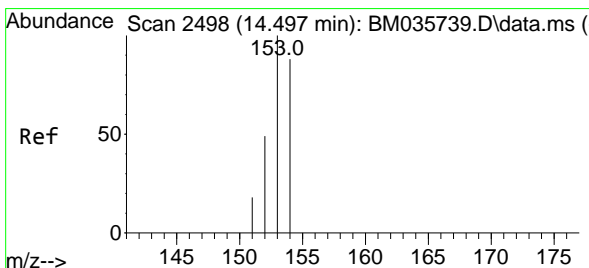
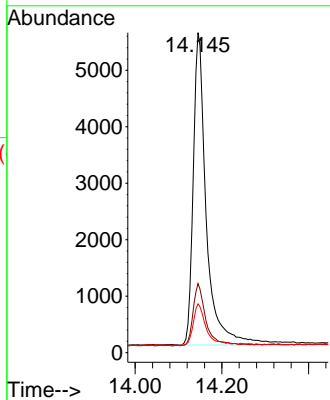
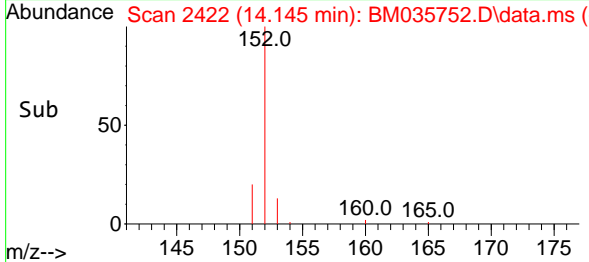


Tgt Ion:152 Resp: 11659
 Ion Ratio Lower Upper
 152 100
 151 21.6 16.6 24.8
 153 15.3 11.4 17.0

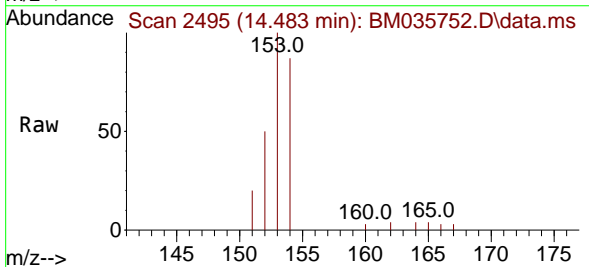
Manual Integrations

APPROVED

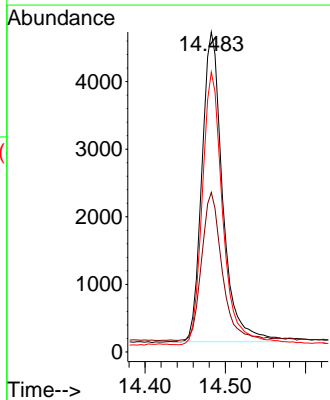
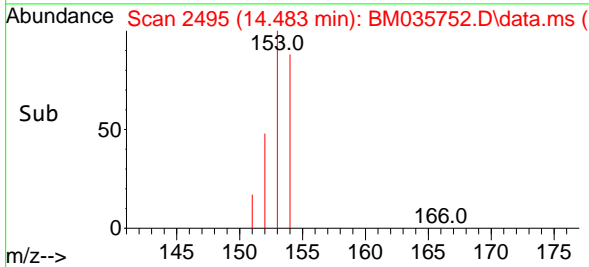
Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022

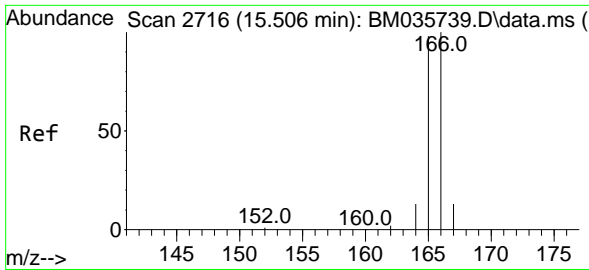


#11
 Acenaphthene
 Concen: 0.332 ng/u1
 RT: 14.483 min Scan# 2495
 Delta R.T. -0.014 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56



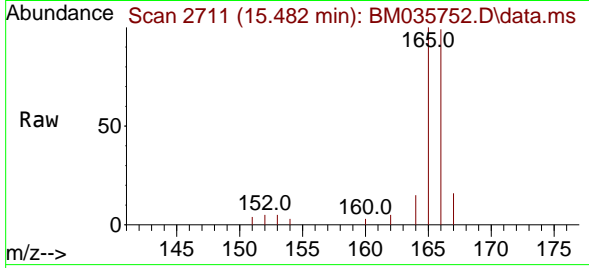
Tgt Ion:153 Resp: 8219
 Ion Ratio Lower Upper
 153 100
 152 49.8 40.2 60.4
 154 87.5 69.7 104.5





#12
 Fluorene
 Concen: 0.321 ng/u1
 RT: 15.482 min Scan# 2711
 Delta R.T. -0.023 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56

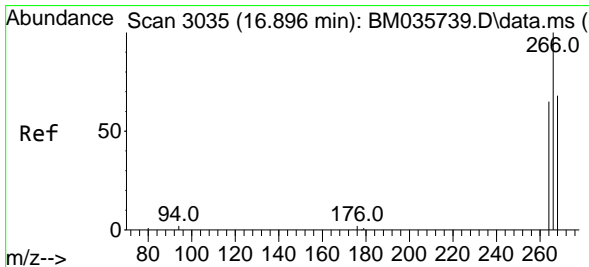
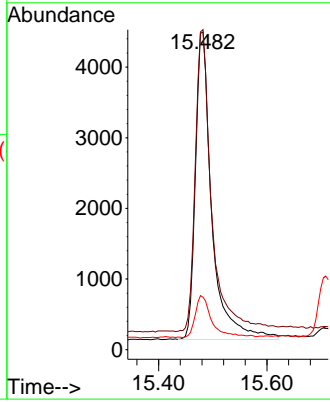
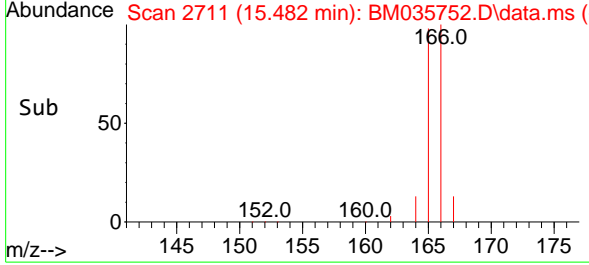
Instrument : BNA_M
 ClientSampleId : SLCS656



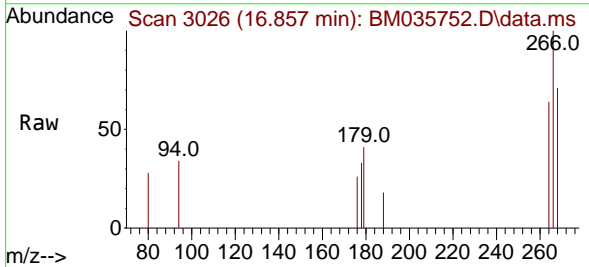
Tgt Ion:166 Resp: 916

Ion	Ratio	Lower	Upper
166	100		
165	100.8	78.9	118.3
167	16.6	11.3	16.9

Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022

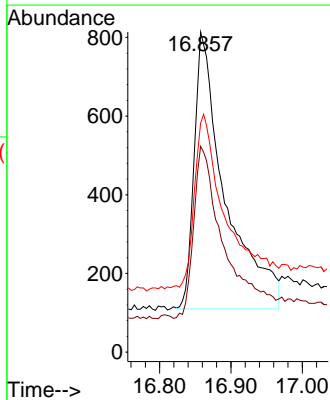
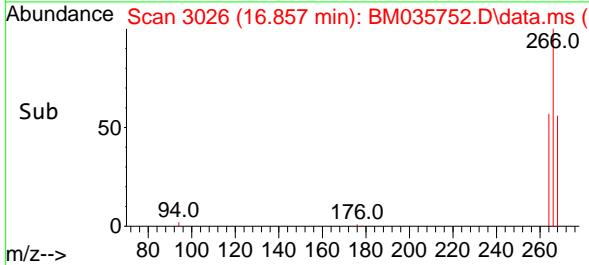


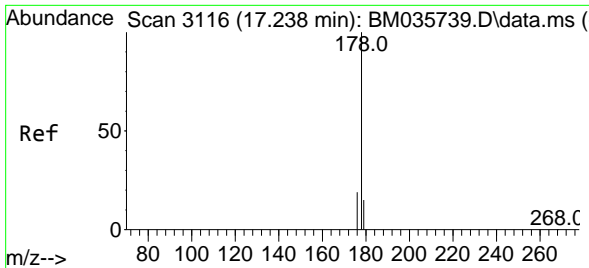
#14
 Pentachlorophenol
 Concen: 1.125 ng/u1 m
 RT: 16.857 min Scan# 3026
 Delta R.T. -0.042 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56



Tgt Ion:266 Resp: 2119

Ion	Ratio	Lower	Upper
266	100		
264	48.2	50.3	75.5#
268	50.8	53.5	80.3#





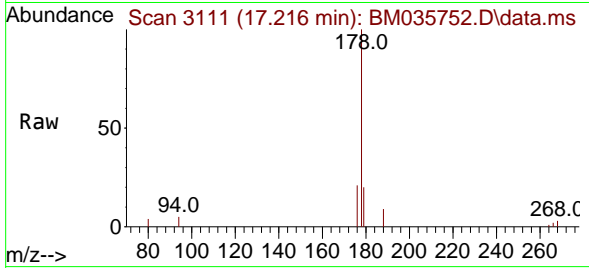
#15
 Phenanthrene
 Concen: 0.328 ng/u1
 RT: 17.216 min Scan# 3116
 Delta R.T. -0.021 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56

Instrument :

BNA_M

ClientSampleId :

SLCS656

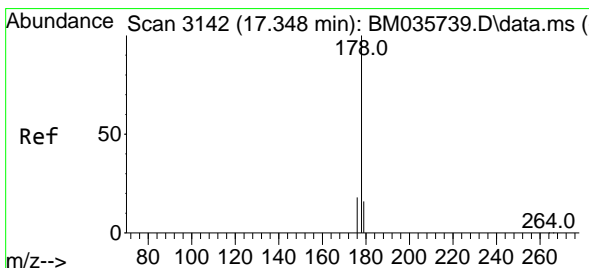
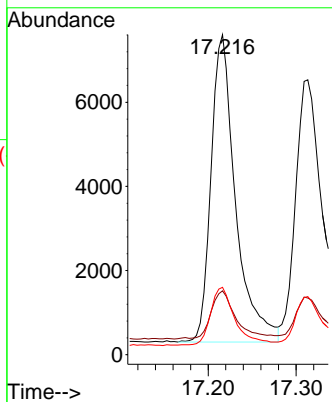
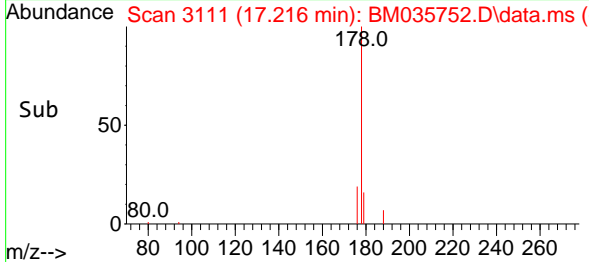


Tgt Ion:178 Resp: 1416
 Ion Ratio Lower Upper
 178 100
 179 19.9 13.0 19.6
 176 21.0 15.6 23.4

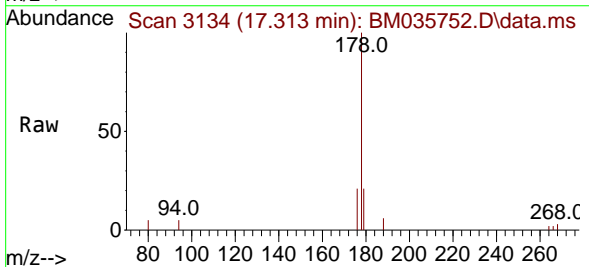
Manual Integrations

APPROVED

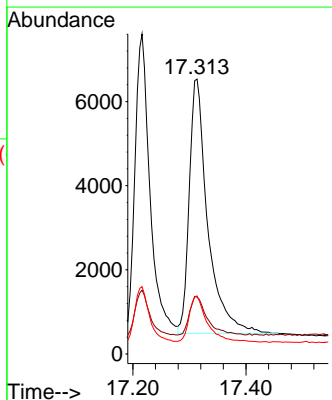
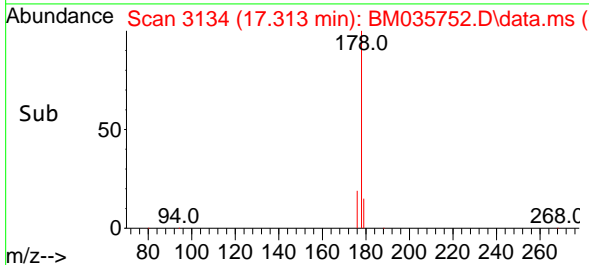
Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022

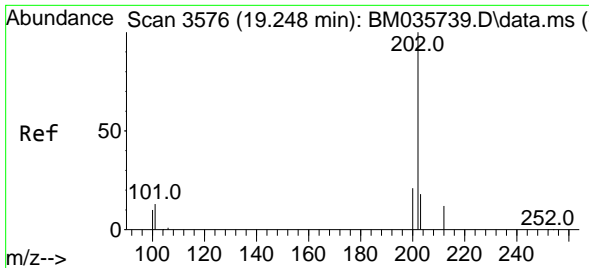


#16
 Anthracene
 Concen: 0.383 ng/u1
 RT: 17.313 min Scan# 3134
 Delta R.T. -0.034 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56



Tgt Ion:178 Resp: 13762
 Ion Ratio Lower Upper
 178 100
 179 20.6 13.6 20.4#
 176 21.1 15.6 23.4





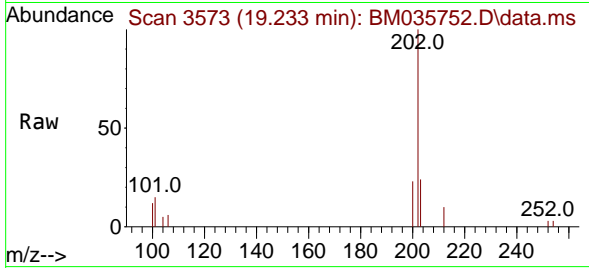
#19
 Fluoranthene
 Concen: 0.286 ng/u1
 RT: 19.233 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56

Instrument :

BNA_M

ClientSampleId :

SLCS656

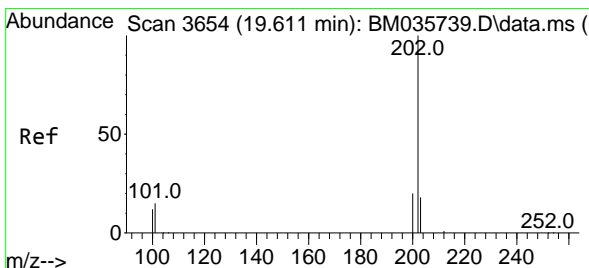
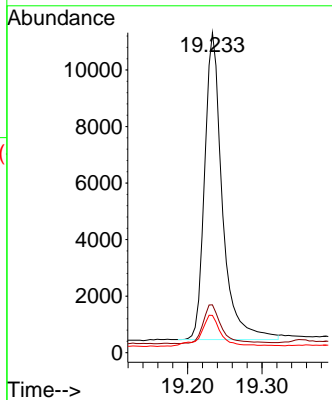
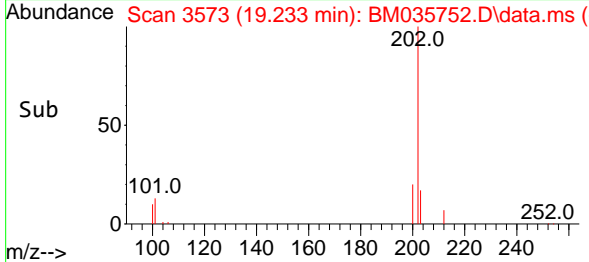


Tgt Ion:202 Resp: 1792
 Ion Ratio Lower Upper
 202 100
 101 14.9 10.1 15.1
 100 11.7 7.9 11.9

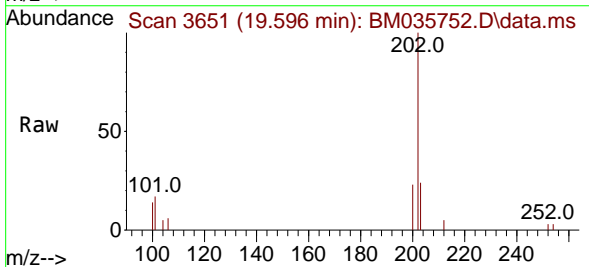
Manual Integrations

APPROVED

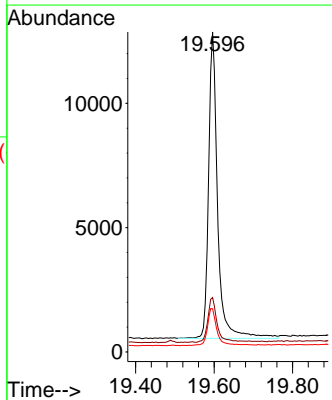
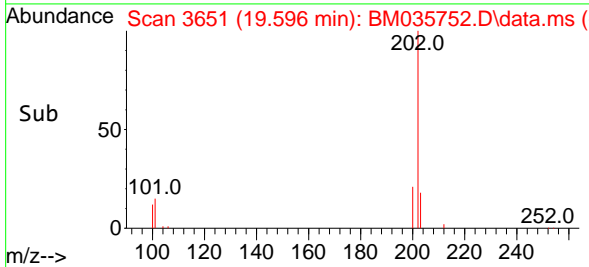
Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022

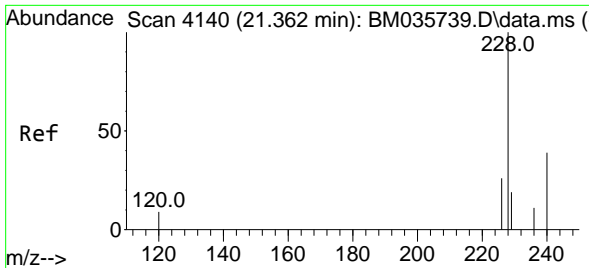


#20
 Pyrene
 Concen: 0.280 ng/u1
 RT: 19.596 min Scan# 3651
 Delta R.T. -0.019 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56



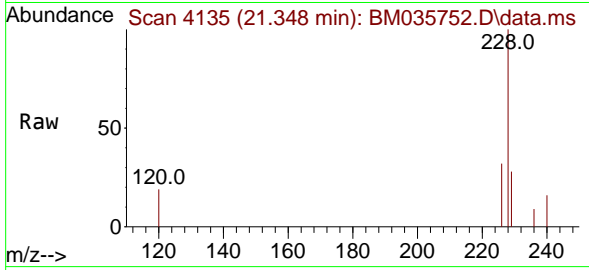
Tgt Ion:202 Resp: 19689
 Ion Ratio Lower Upper
 202 100
 101 17.0 12.0 18.0
 100 13.5 9.8 14.6





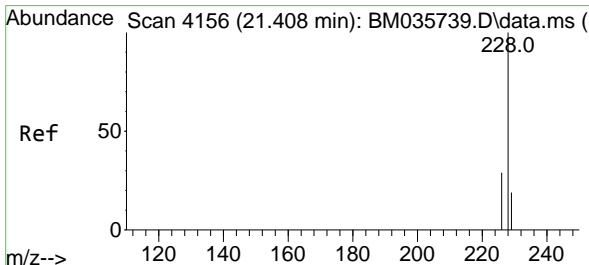
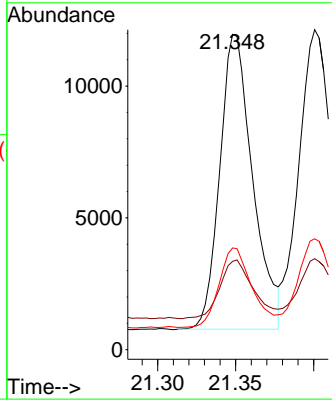
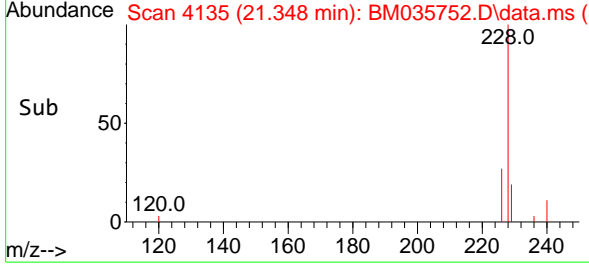
#21
 Benzo(a)anthracene
 Concen: 0.380 ng/u1
 RT: 21.348 min Scan# 4135
 Delta R.T. -0.020 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56

Instrument : BNA_M
 ClientSampleId : SLCS656

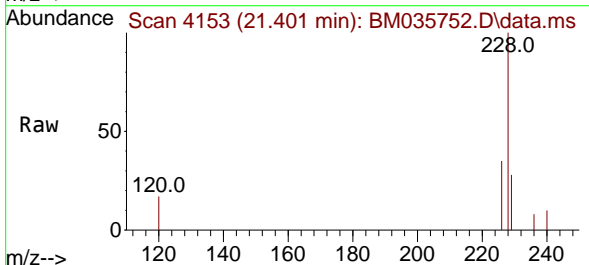


Tgt Ion:228 Resp: 1645
 Ion Ratio Lower Upper
 228 100
 229 28.0 16.2 24.2
 226 32.3 22.5 33.7

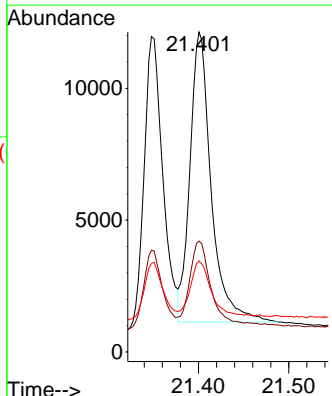
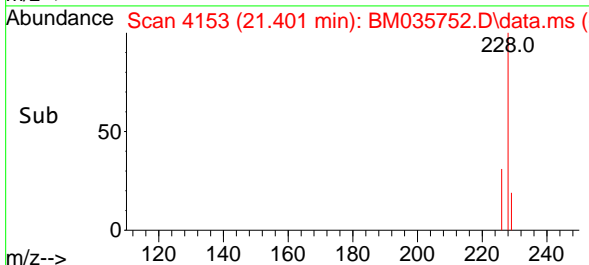
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022

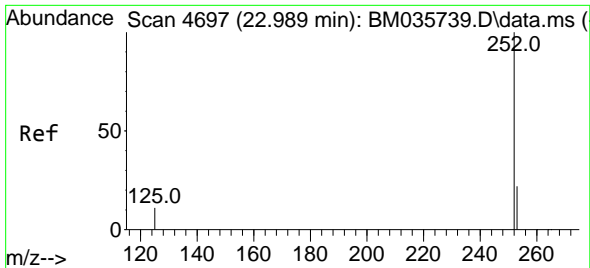


#22
 Chrysene
 Concen: 0.323 ng/u1
 RT: 21.401 min Scan# 4153
 Delta R.T. -0.015 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56



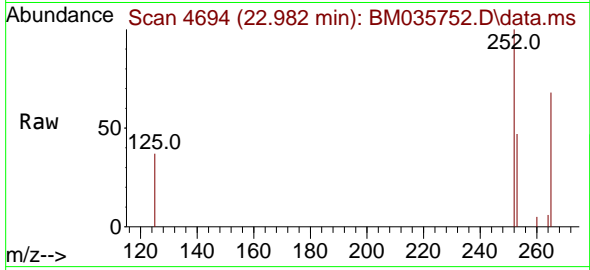
Tgt Ion:228 Resp: 17963
 Ion Ratio Lower Upper
 228 100
 226 34.7 24.6 37.0
 229 28.4 16.4 24.6#





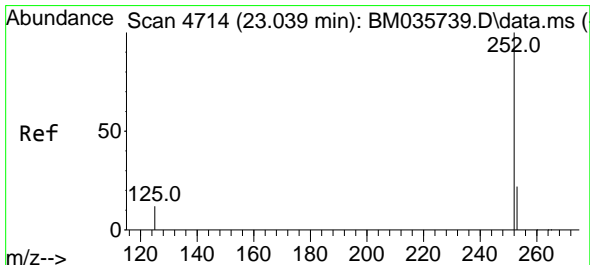
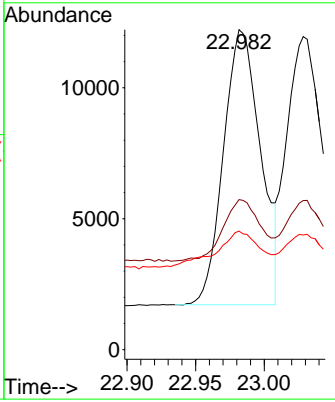
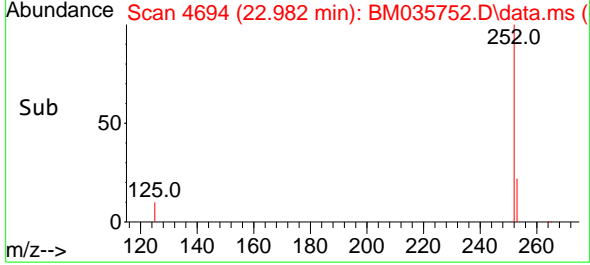
#24
 Benzo(b)fluoranthene
 Concen: 0.360 ng/u1
 RT: 22.982 min Scan# 4694
 Delta R.T. -0.020 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56

Instrument :
 BNA_M
ClientSampleId :
 SLCS656



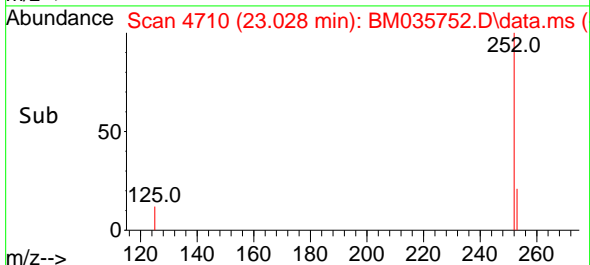
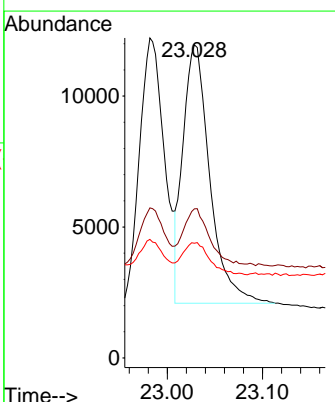
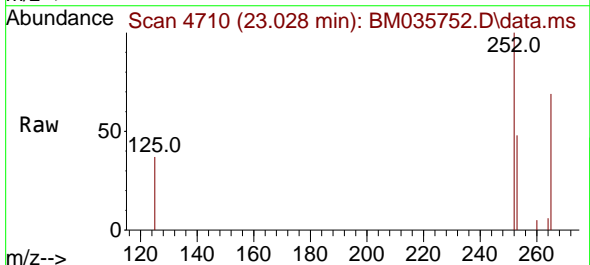
Tgt Ion:252 Resp: 1979
 Ion Ratio Lower Upper
 252 100
 253 46.9 0.0 61.4
 125 37.1 0.0 42.6

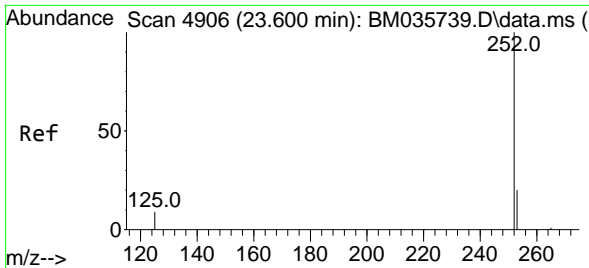
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022



#25
 Benzo(k)fluoranthene
 Concen: 0.344 ng/u1
 RT: 23.028 min Scan# 4710
 Delta R.T. -0.020 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56

Tgt Ion:252 Resp: 19354
 Ion Ratio Lower Upper
 252 100
 253 47.6 25.2 37.8#
 125 36.7 18.3 27.5#





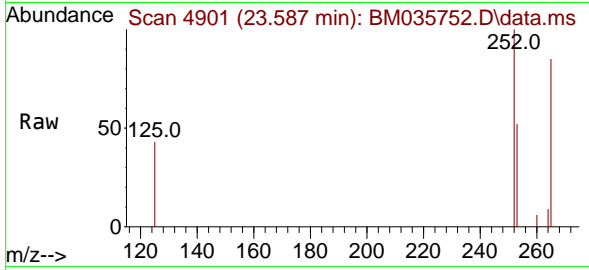
#26
 Benzo(a)pyrene
 Concen: 0.359 ng/u1
 RT: 23.587 min Scan# 4906
 Delta R.T. -0.029 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56

Instrument :

BNA_M

ClientSampleId :

SLCS656

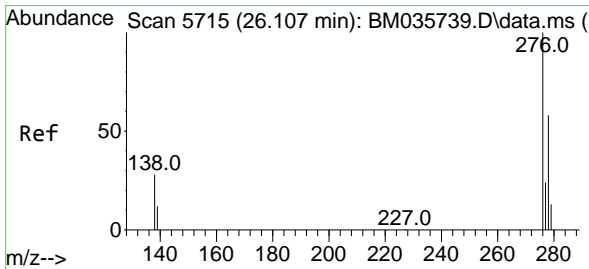
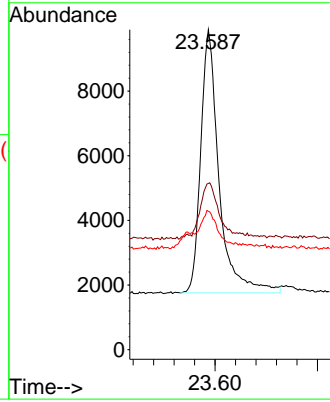
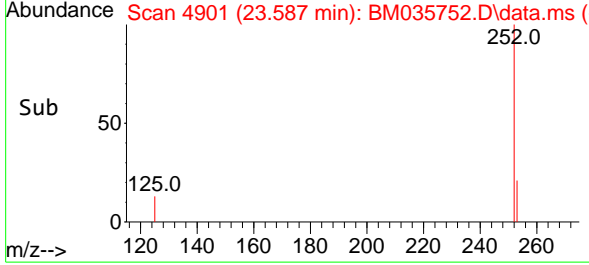


Tgt Ion:252 Resp: 20209
 Ion Ratio Lower Upper
 252 100
 253 51.9 29.7 44.5
 125 43.2 23.6 35.4

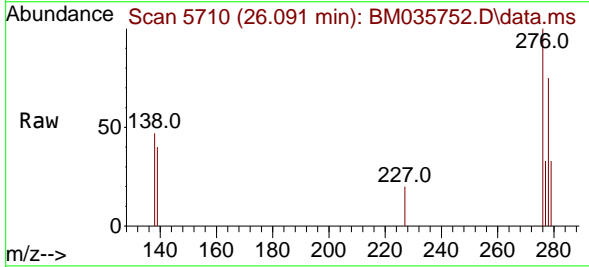
Manual Integrations

APPROVED

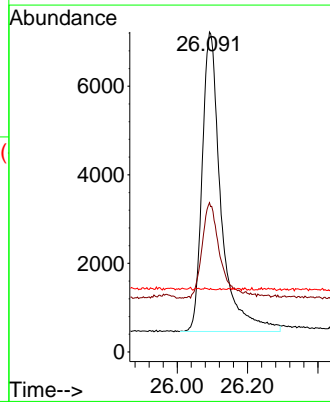
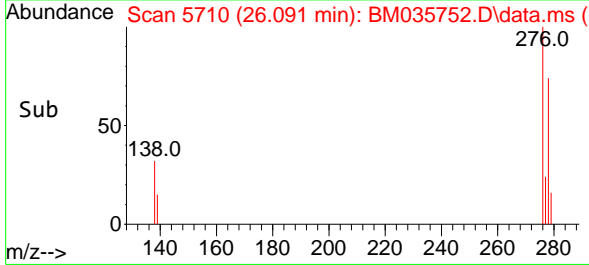
Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022

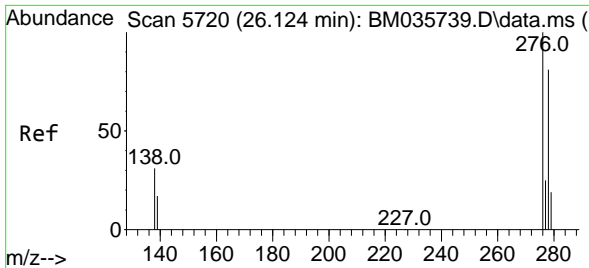


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.410 ng/u1
 RT: 26.091 min Scan# 5710
 Delta R.T. -0.040 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56



Tgt Ion:276 Resp: 25137
 Ion Ratio Lower Upper
 276 100
 138 29.9 23.9 35.9
 227 0.1 0.1 0.1





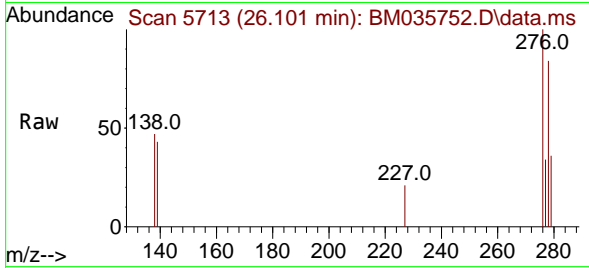
#28
 Dibenzo(a,h)anthracene
 Concen: 0.423 ng/ul
 RT: 26.101 min Scan# 51
 Delta R.T. -0.040 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56

Instrument :

BNA_M

ClientSampleId :

SLCS656

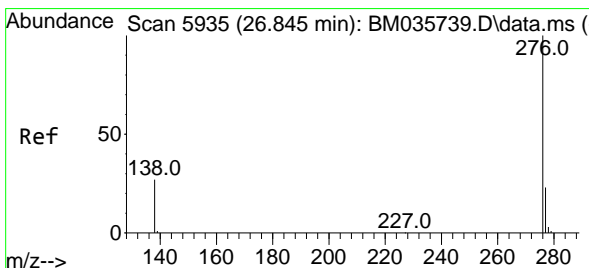
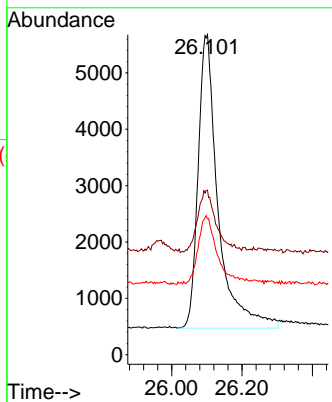
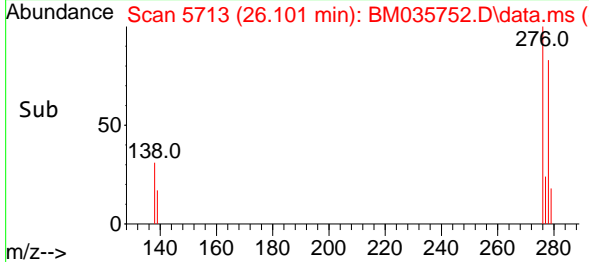


Tgt Ion:278 Resp: 2052
 Ion Ratio Lower Upper
 278 100
 139 51.4 19.8 29.6#
 279 42.5 27.7 41.5#

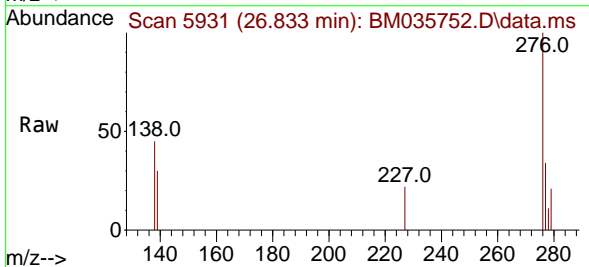
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/30/2022
 Supervised By :mohammad ahmed 07/01/2022



#29
 Benzo(g,h,i)perylene
 Concen: 0.394 ng/ul
 RT: 26.833 min Scan# 5931
 Delta R.T. -0.023 min
 Lab File: BM035752.D
 Acq: 29 Jun 2022 08:56



Tgt Ion:276 Resp: 22238
 Ion Ratio Lower Upper
 276 100
 138 44.5 23.4 35.0#
 277 34.0 21.0 31.4#

