

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062322\  
 Data File : BM035638.D  
 Acq On : 23 Jun 2022 23:31  
 Operator : CG/JU  
 Sample : PB145603BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS603

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022  
 Supervised By :Yogesh Patel 06/28/2022

Quant Time: Jun 25 07:57:15 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM061822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 20 01:56:13 2022  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	3868	0.400	ng/ul	0.03
4) Naphthalene-d8	10.650	136	17098	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	9045	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.229	188	19220	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	15128	0.400	ng/ul	0.00
23) Perylene-d12	23.759	264	11701	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	3838	0.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.261	152	7795	0.307	ng/ul	0.02
18) Fluoranthene-d10	19.252	212	19404	0.382	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.298	88	11665	2.153	ng/ul#	54
5) Naphthalene	10.704	128	20214	0.349	ng/ul	99
7) 2-Methylnaphthalene	12.332	142	11147	0.337	ng/ul	96
8) 1-Methylnaphthalene	12.525	142	11069	0.364	ng/ul	99
10) Acenaphthylene	14.200	152	19225	0.377	ng/ul	99
11) Acenaphthene	14.533	153	14632	0.388	ng/ul	99
12) Fluorene	15.542	166	16832	0.395	ng/ul	100
14) Pentachlorophenol	16.925	266	2787	0.756	ng/ul	98
15) Phenanthrene	17.271	178	27054	0.384	ng/ul	99
16) Anthracene	17.377	178	22992	0.373	ng/ul	99
19) Fluoranthene	19.280	202	32711	0.423	ng/ul	99
20) Pyrene	19.642	202	36440	0.449	ng/ul	99
21) Benzo(a)anthracene	21.401	228	21701	0.379	ng/ul	99
22) Chrysene	21.444	228	29439	0.433	ng/ul	99
24) Benzo(b)fluoranthene	23.043	252	22898m	0.447	ng/ul	
25) Benzo(k)fluoranthene	23.093	252	23455	0.441	ng/ul	95
26) Benzo(a)pyrene	23.663	252	23307	0.439	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.212	276	26086	0.426	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.222	278	21185	0.424	ng/ul	97
29) Benzo(g,h,i)perylene	26.943	276	23894	0.436	ng/ul	98

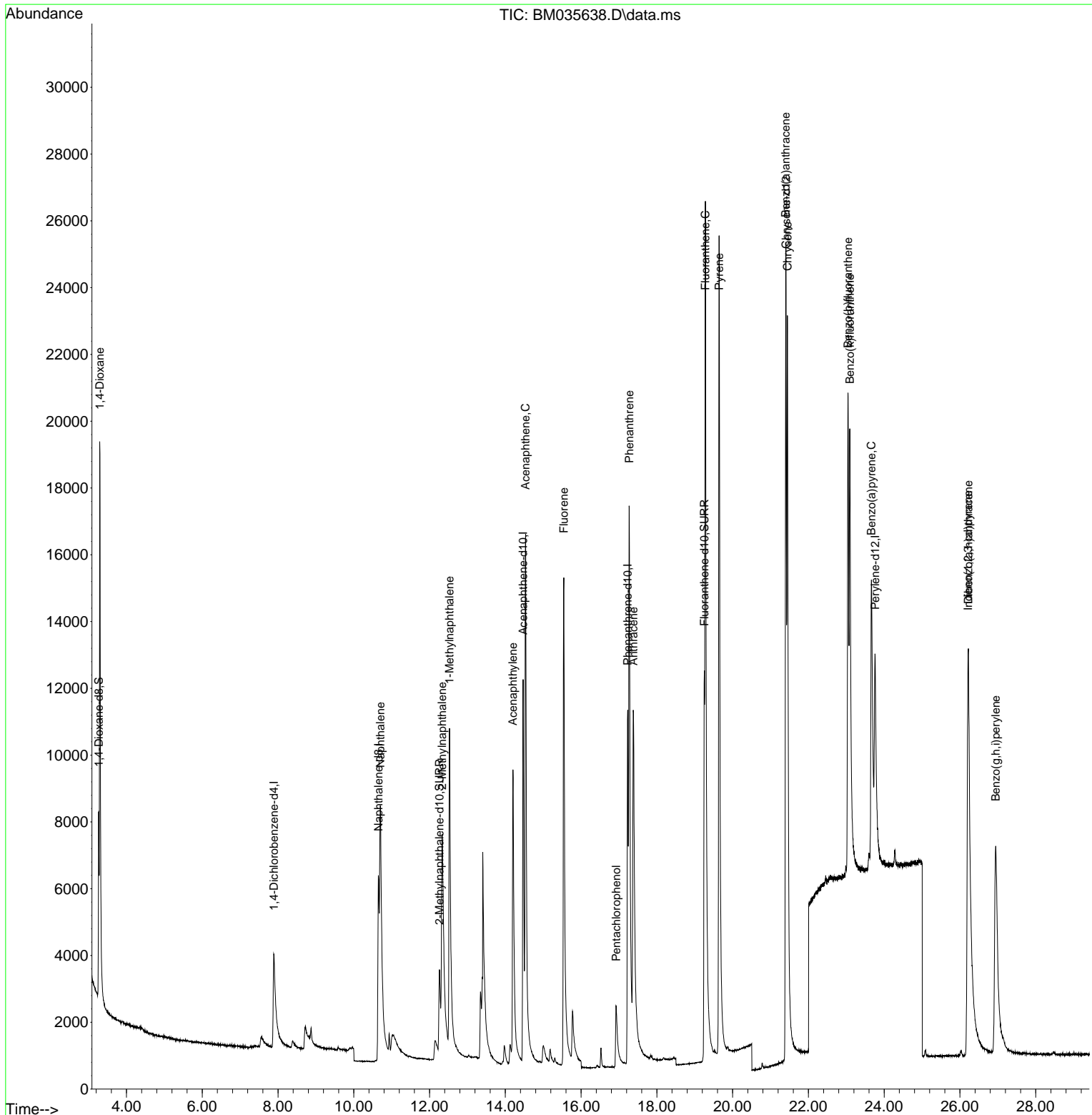
(#) = qualifier out of range (m) = manual integration (+) = signals summed

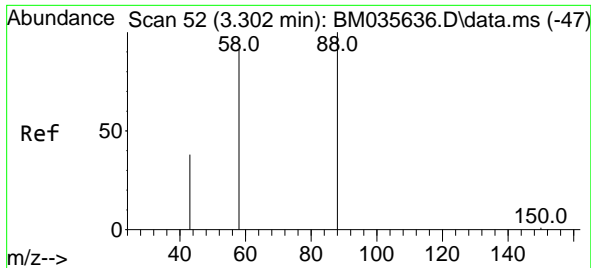
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062322\  
 Data File : BM035638.D  
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM061822.M  
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**Manual Integrations**  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 06/27/2022  
 Supervised By :Yogesh Patel 06/28/2022





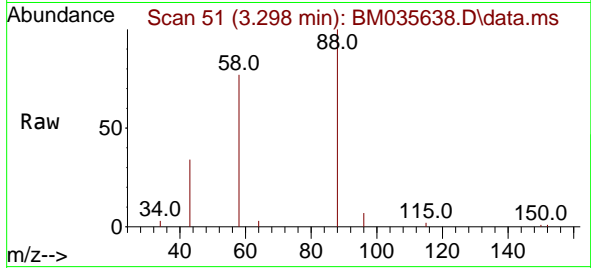
#2  
 1,4-Dioxane  
 Concen: 2.153 ng/u1  
 RT: 3.298 min Scan# 51  
 Delta R.T. -0.008 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31

Instrument :

BNA\_M

ClientSampled :

SLCS603

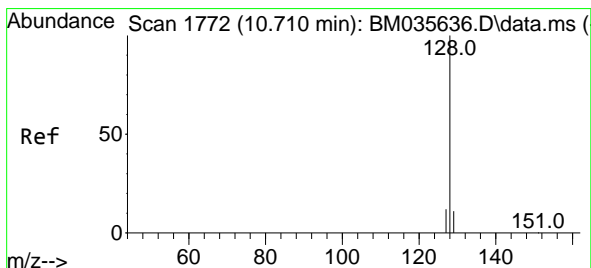
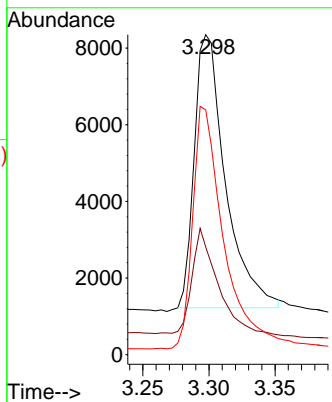
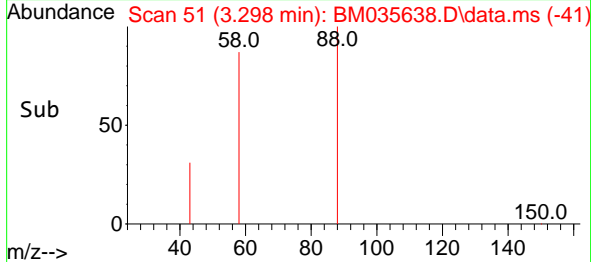


Tgt Ion: 88 Resp: 1166  
 Ion Ratio Lower Upper  
 88 100  
 43 33.7 70.4 105.6  
 58 76.5 45.6 68.4

Manual Integrations

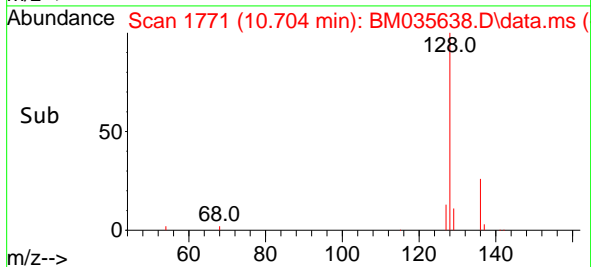
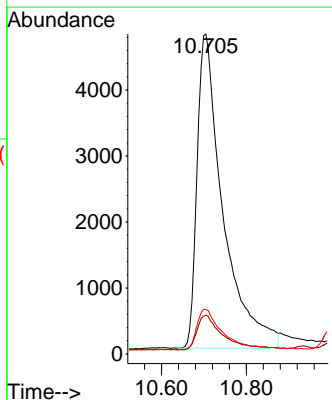
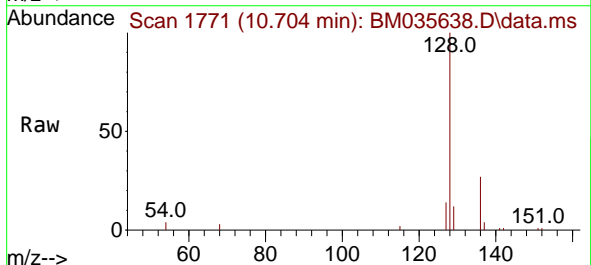
APPROVED

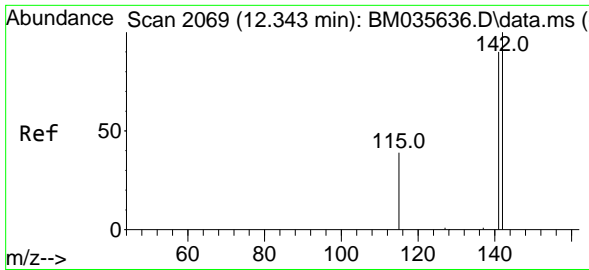
Reviewed By :Jagrut Upadhyay 06/27/2022  
 Supervised By :Yogesh Patel 06/28/2022



#5  
 Naphthalene  
 Concen: 0.349 ng/u1  
 RT: 10.704 min Scan# 1771  
 Delta R.T. 0.011 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31

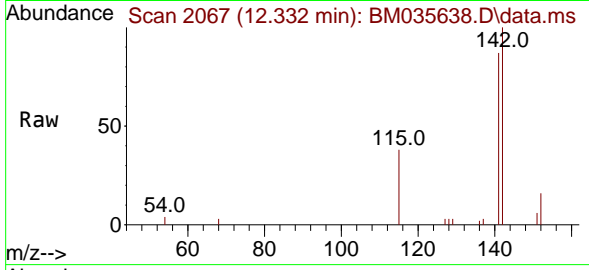
Tgt Ion:128 Resp: 20214  
 Ion Ratio Lower Upper  
 128 100  
 129 12.1 10.1 15.1  
 127 13.9 11.4 17.2





#7  
 2-Methylnaphthalene  
 Concen: 0.337 ng/u1  
 RT: 12.332 min Scan# 2067  
 Delta R.T. 0.011 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31

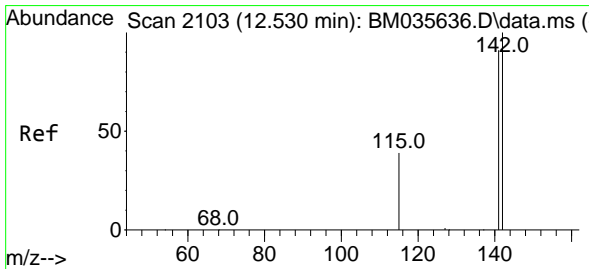
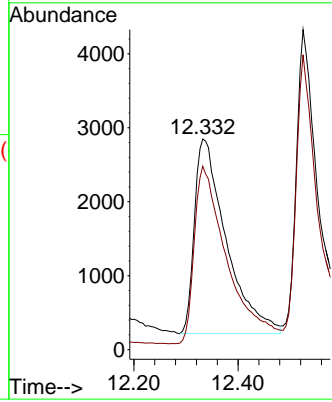
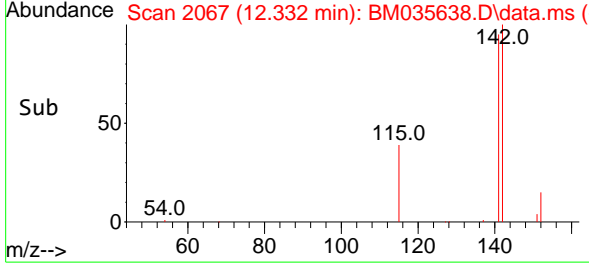
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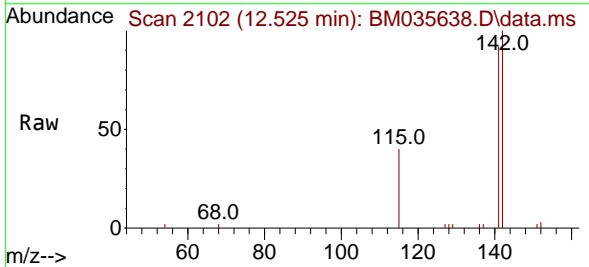
Tgt Ion:142 Resp: 1114  
 Ion Ratio Lower Upper  
 142 100  
 141 95.9 73.8 110.8

Manual Integrations  
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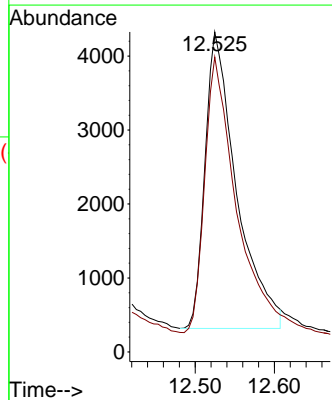
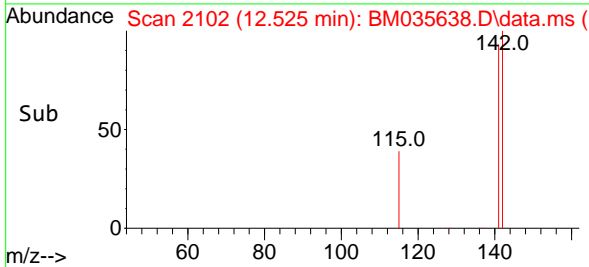
Reviewed By :Jagrut Upadhyay 06/27/2022  
 Supervised By :Yogesh Patel 06/28/2022

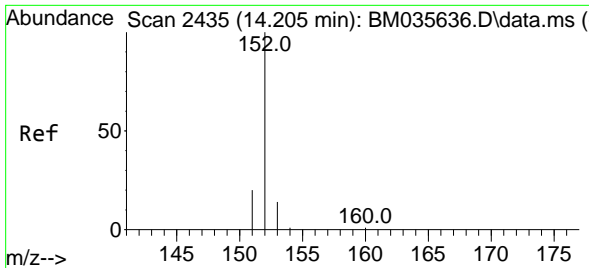


#8  
 1-Methylnaphthalene  
 Concen: 0.364 ng/u1  
 RT: 12.525 min Scan# 2102  
 Delta R.T. 0.000 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31



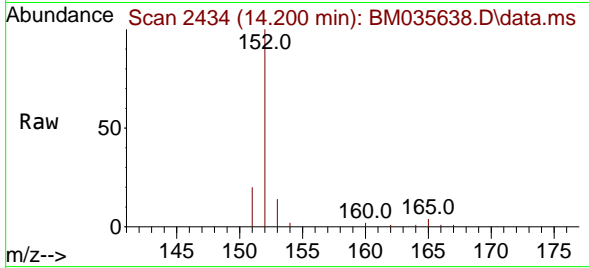
Tgt Ion:142 Resp: 11069  
 Ion Ratio Lower Upper  
 142 100  
 141 92.6 74.6 111.8





#10  
 Acenaphthylene  
 Concen: 0.377 ng/u1  
 RT: 14.200 min Scan# 2435  
 Delta R.T. -0.001 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31

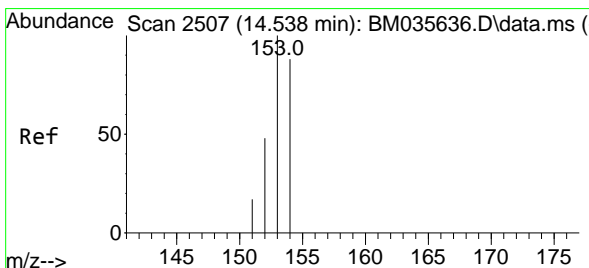
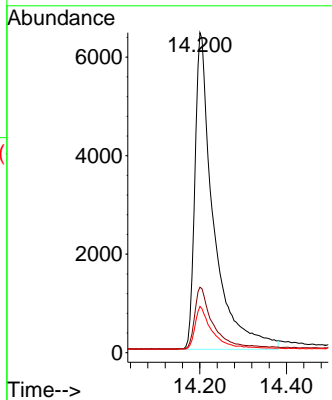
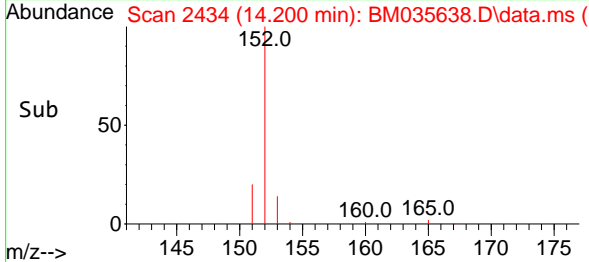
Instrument :  
 BNA\_M  
 ClientSampled :  
 SLCS603



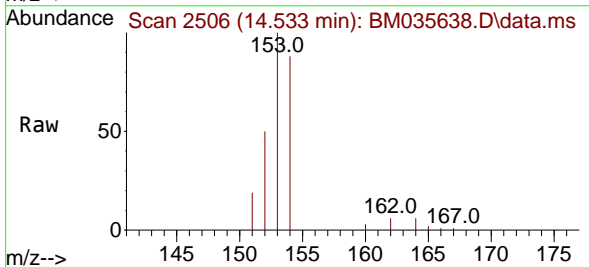
Tgt Ion:152 Resp: 19224  
 Ion Ratio Lower Upper  
 152 100  
 151 20.5 16.8 25.2  
 153 14.5 11.1 16.7

Manual Integrations  
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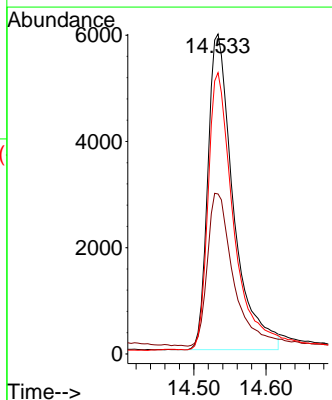
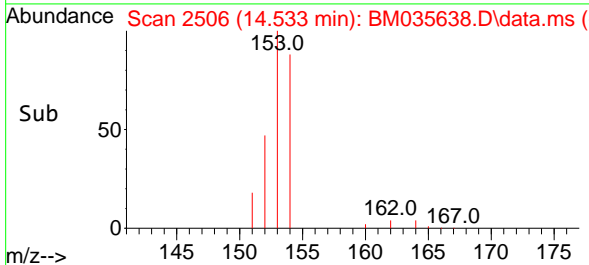
Reviewed By :Jagrut Upadhyay 06/27/2022  
 Supervised By :Yogesh Patel 06/28/2022

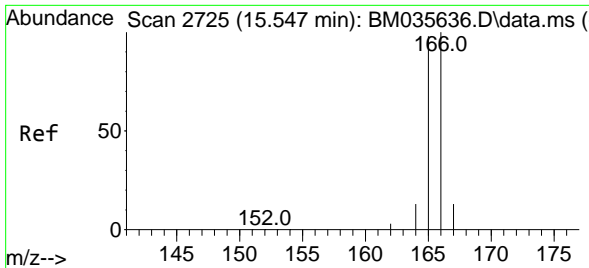


#11  
 Acenaphthene  
 Concen: 0.388 ng/u1  
 RT: 14.533 min Scan# 2506  
 Delta R.T. -0.001 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31



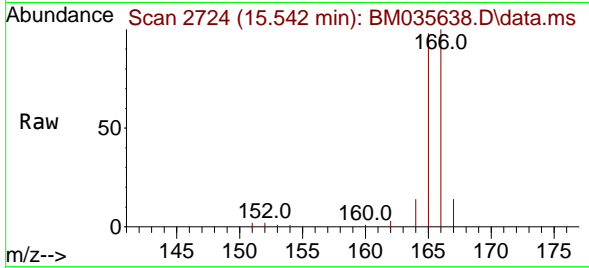
Tgt Ion:153 Resp: 14632  
 Ion Ratio Lower Upper  
 153 100  
 152 50.0 40.0 60.0  
 154 87.9 69.1 103.7





#12  
 Fluorene  
 Concen: 0.395 ng/u1  
 RT: 15.542 min Scan# 21  
 Delta R.T. 0.004 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31

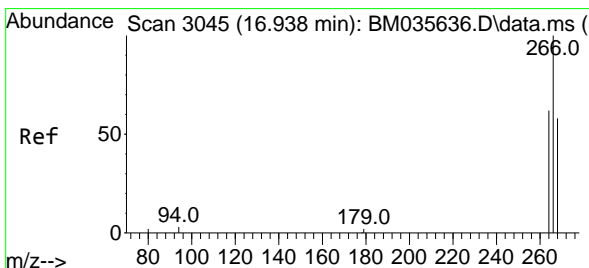
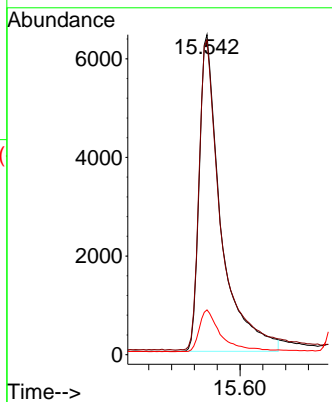
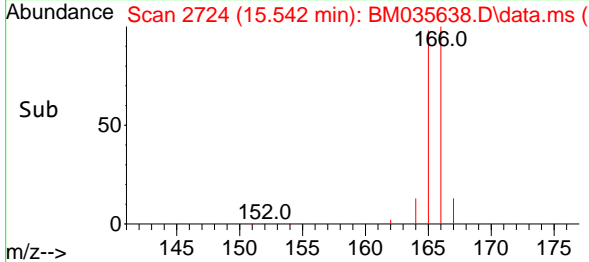
Instrument :  
 BNA\_M  
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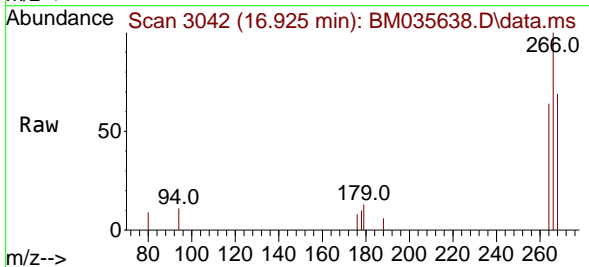
Tgt Ion:166 Resp: 1683  
 Ion Ratio Lower Upper  
 166 100  
 165 98.3 78.7 118.1  
 167 14.0 11.6 17.4

Manual Integrations  
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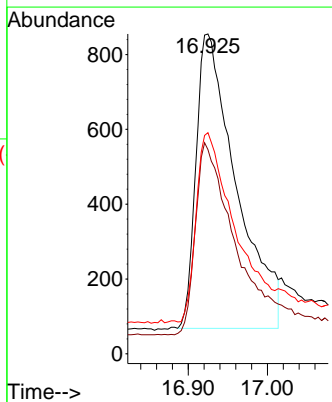
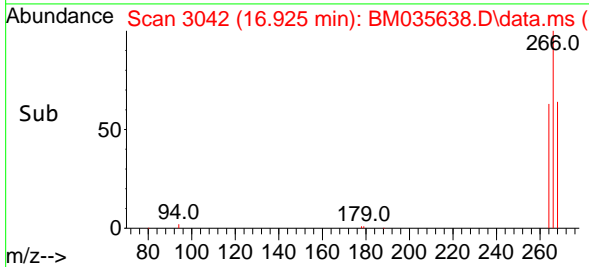
Reviewed By :Jagrut Upadhyay 06/27/2022  
 Supervised By :Yogesh Patel 06/28/2022

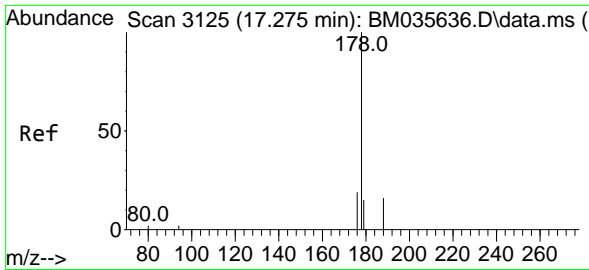


#14  
 Pentachlorophenol  
 Concen: 0.756 ng/u1  
 RT: 16.925 min Scan# 3042  
 Delta R.T. -0.005 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31



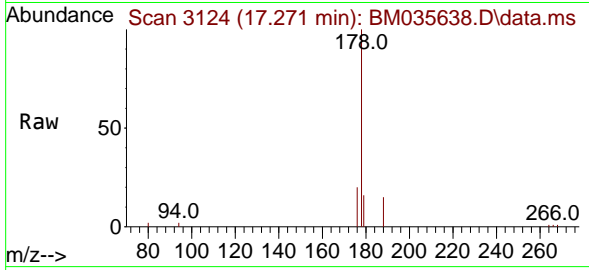
Tgt Ion:266 Resp: 2787  
 Ion Ratio Lower Upper  
 266 100  
 264 62.6 51.0 76.4  
 268 62.5 51.7 77.5





#15  
 Phenanthrene  
 Concen: 0.384 ng/u1  
 RT: 17.271 min Scan# 3125  
 Delta R.T. -0.001 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31

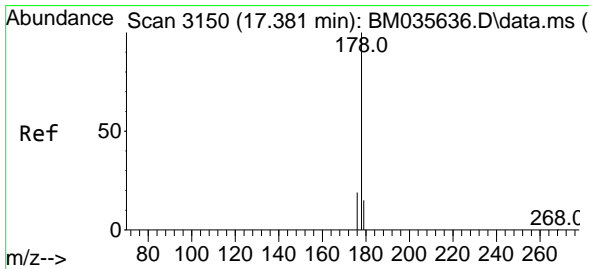
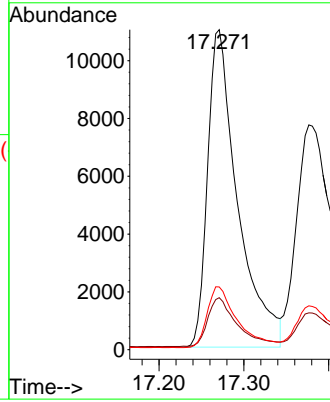
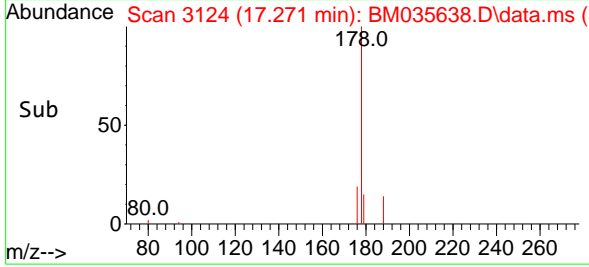
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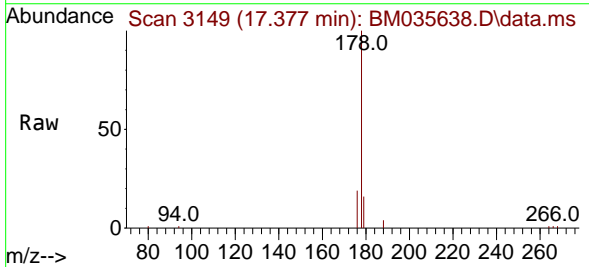
Tgt Ion:178 Resp: 27054  
 Ion Ratio Lower Upper  
 178 100  
 179 16.3 13.2 19.8  
 176 19.6 16.2 24.4

Manual Integrations  
 APPROVED

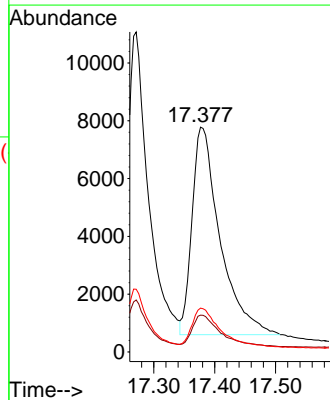
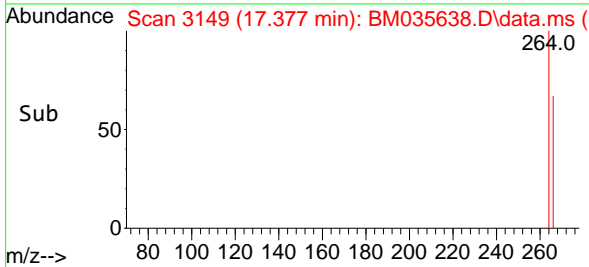
Reviewed By :Jagrut Upadhyay 06/27/2022  
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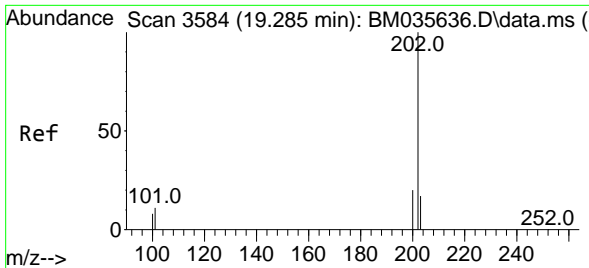


#16  
 Anthracene  
 Concen: 0.373 ng/u1  
 RT: 17.377 min Scan# 3149  
 Delta R.T. 0.003 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31



Tgt Ion:178 Resp: 22992  
 Ion Ratio Lower Upper  
 178 100  
 179 16.4 13.4 20.0  
 176 19.5 15.9 23.9





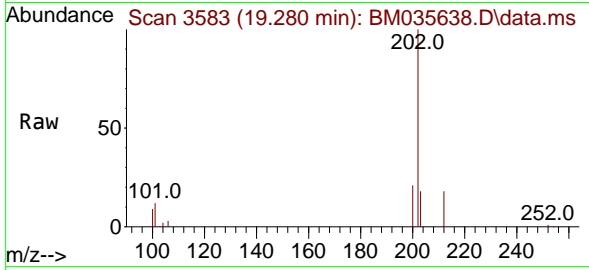
#19  
 Fluoranthene  
 Concen: 0.423 ng/u1  
 RT: 19.280 min Scan# 3584  
 Delta R.T. -0.005 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31

Instrument :

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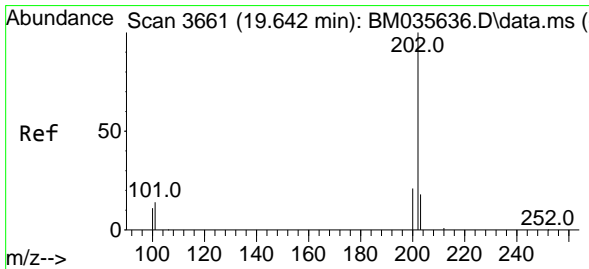
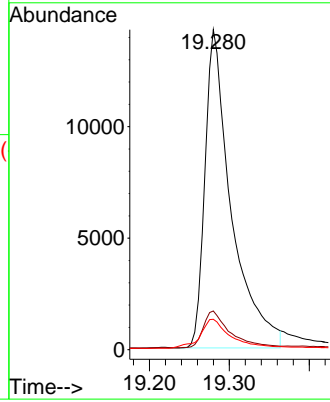
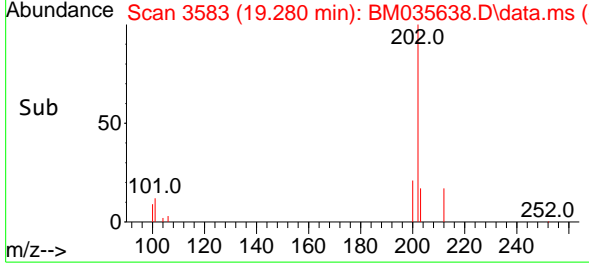
Tgt Ion:202 Resp: 3271

Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.0	15.0
100	9.5	7.5	11.3

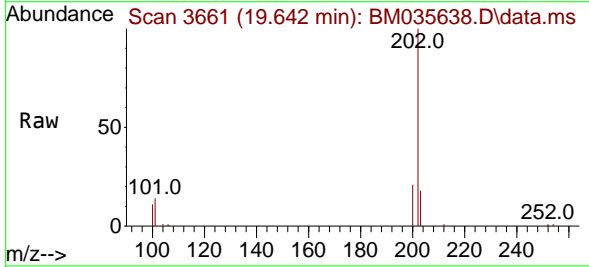
Manual Integrations

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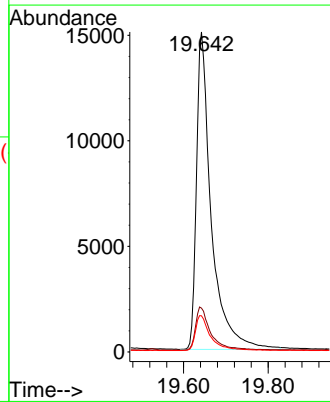
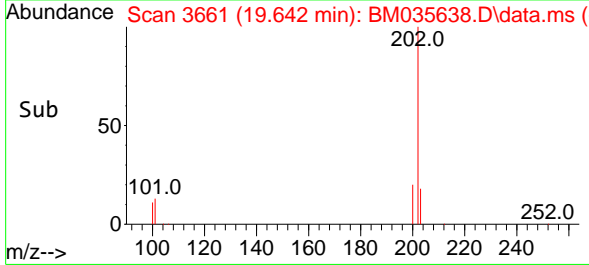


#20  
 Pyrene  
 Concen: 0.449 ng/u1  
 RT: 19.642 min Scan# 3661  
 Delta R.T. -0.006 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31

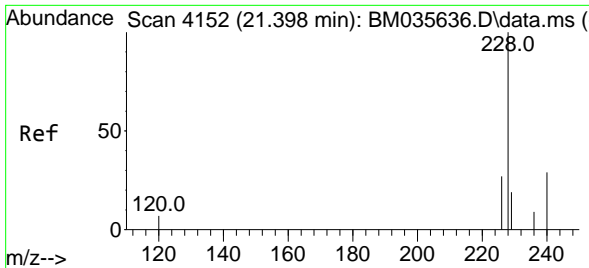


Tgt Ion:202 Resp: 36440

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.6	17.4
100	11.3	9.3	13.9







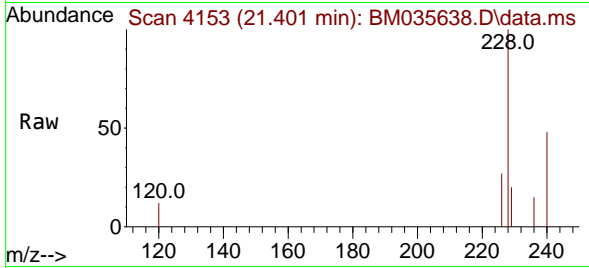
#21  
 Benzo(a)anthracene  
 Concen: 0.379 ng/u1  
 RT: 21.401 min Scan# 4153  
 Delta R.T. 0.001 min  
 Lab File: BM035638.D  
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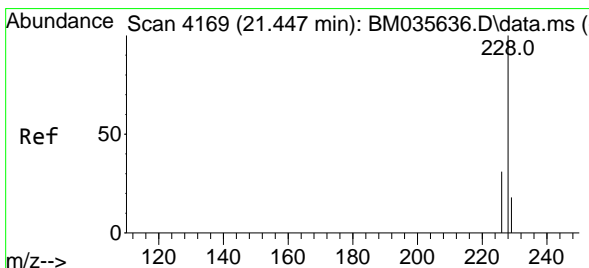
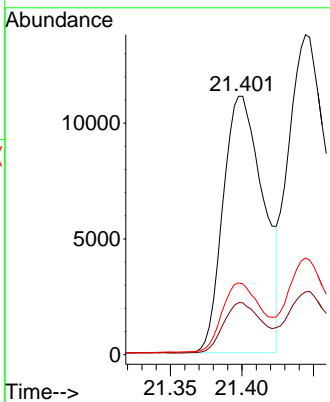
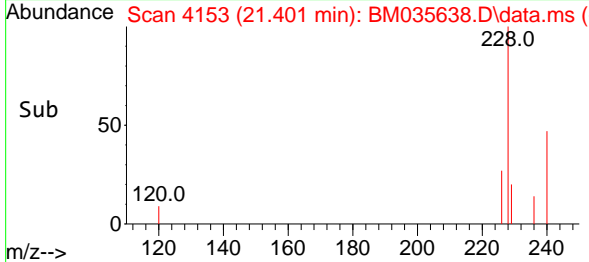


Tgt Ion:228 Resp: 2170  
 Ion Ratio Lower Upper  
 228 100  
 229 20.1 16.2 24.2  
 226 27.4 22.3 33.5

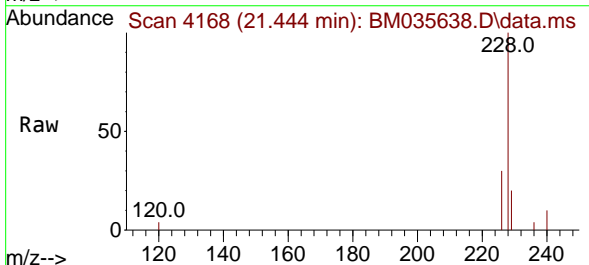
Manual Integrations

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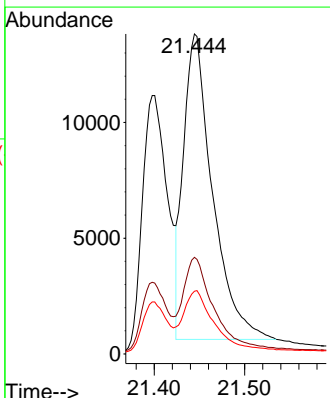
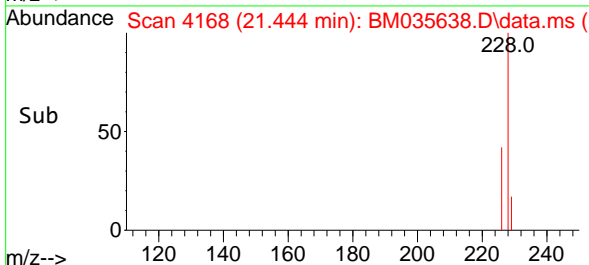
Reviewed By :Jagrut Upadhyay 06/27/2022  
 Supervised By :Yogesh Patel 06/28/2022

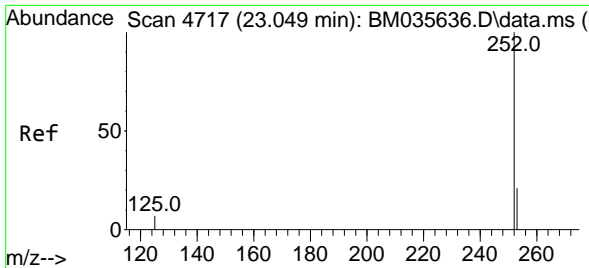


#22  
 Chrysene  
 Concen: 0.433 ng/u1  
 RT: 21.444 min Scan# 4168  
 Delta R.T. -0.005 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31



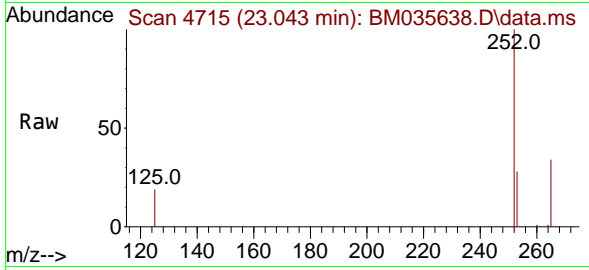
Tgt Ion:228 Resp: 29439  
 Ion Ratio Lower Upper  
 228 100  
 226 30.2 24.5 36.7  
 229 19.6 15.8 23.8





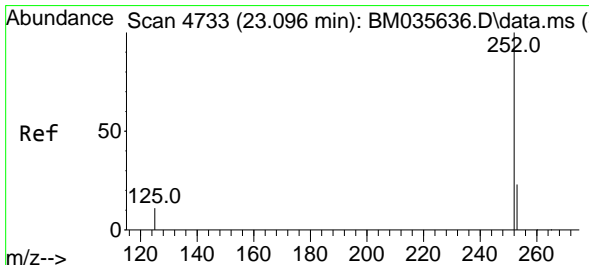
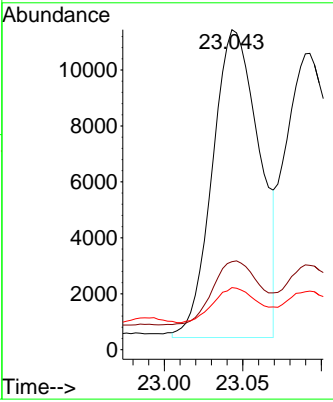
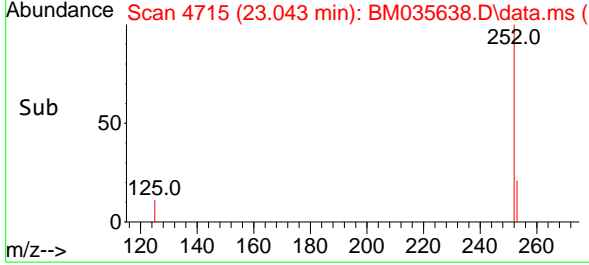
#24  
 Benzo(b)fluoranthene  
 Concen: 0.447 ng/ul m  
 RT: 23.043 min Scan# 4715  
 Delta R.T. -0.008 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31

Instrument : BNA\_M  
 Client Sample Id : SLCS603

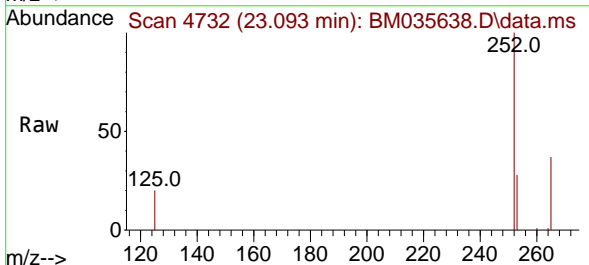


Tgt Ion: 252 Resp: 22898  
 Ion Ratio Lower Upper  
 252 100  
 253 27.5 0.0 60.6  
 125 19.4 0.0 44.8

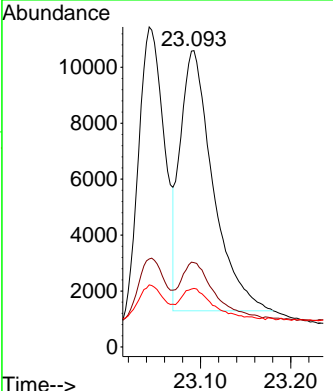
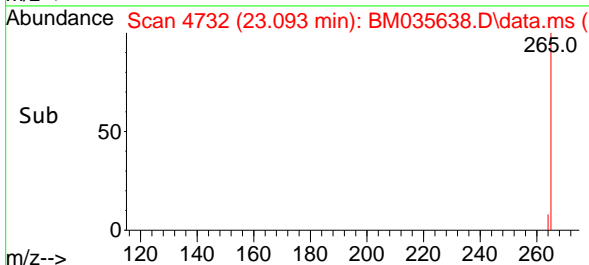
Manual Integrations  
**APPROVED**  
 Reviewed By : Jagrut Upadhyay 06/27/2022  
 Supervised By : Yogesh Patel 06/28/2022

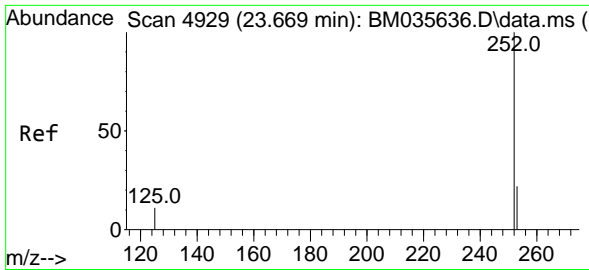


#25  
 Benzo(k)fluoranthene  
 Concen: 0.441 ng/ul  
 RT: 23.093 min Scan# 4732  
 Delta R.T. -0.005 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31



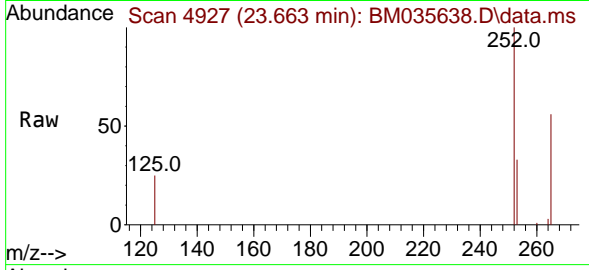
Tgt Ion: 252 Resp: 23455  
 Ion Ratio Lower Upper  
 252 100  
 253 28.5 24.7 37.1  
 125 19.8 18.2 27.4





#26  
 Benzo(a)pyrene  
 Concen: 0.439 ng/u1  
 RT: 23.663 min Scan# 4927  
 Delta R.T. -0.005 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31

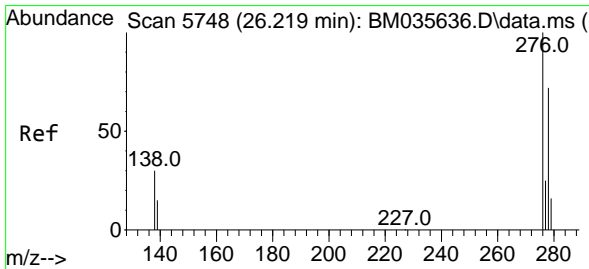
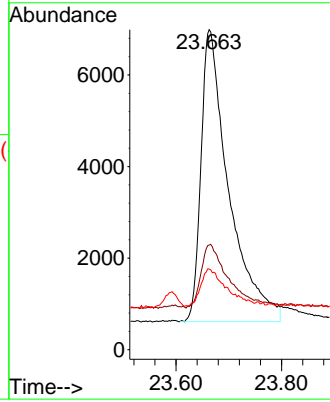
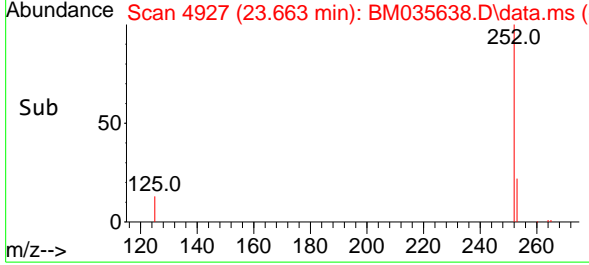
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SLCS603



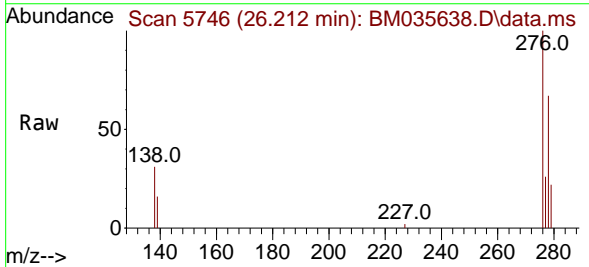
Tgt Ion:252 Resp: 2330  
 Ion Ratio Lower Upper  
 252 100  
 253 32.7 27.8 41.6  
 125 25.2 23.3 34.9

Manual Integrations  
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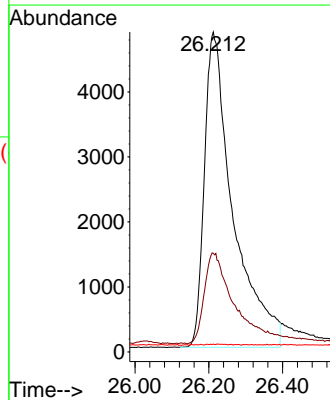
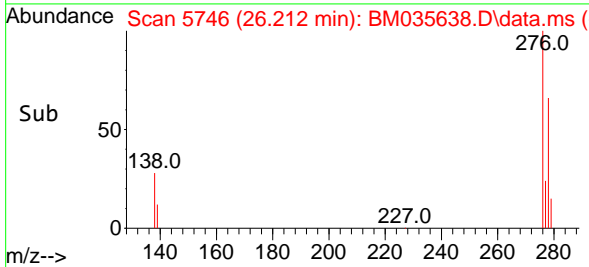
Reviewed By :Jagrut Upadhyay 06/27/2022  
 Supervised By :Yogesh Patel 06/28/2022

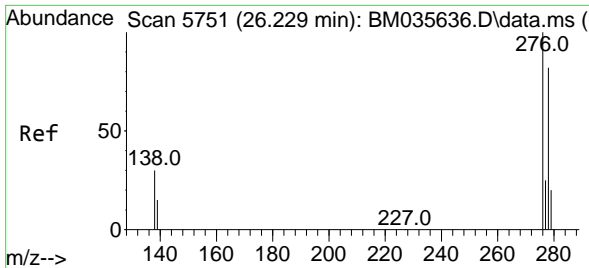


#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.426 ng/u1  
 RT: 26.212 min Scan# 5746  
 Delta R.T. 0.001 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31



Tgt Ion:276 Resp: 26086  
 Ion Ratio Lower Upper  
 276 100  
 138 30.2 24.8 37.2  
 227 0.0 0.1 0.1#





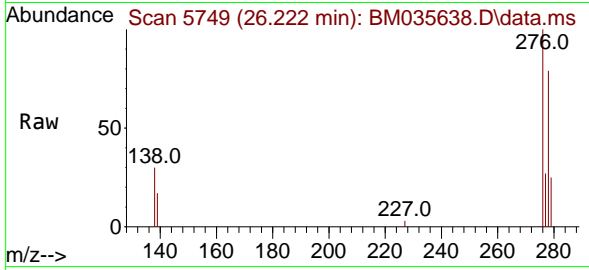
#28  
 Dibenzo(a,h)anthracene  
 Concen: 0.424 ng/ul  
 RT: 26.222 min Scan# 5749  
 Delta R.T. 0.001 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31

Instrument :

BNA\_M

ClientSampleId :

SLCS603

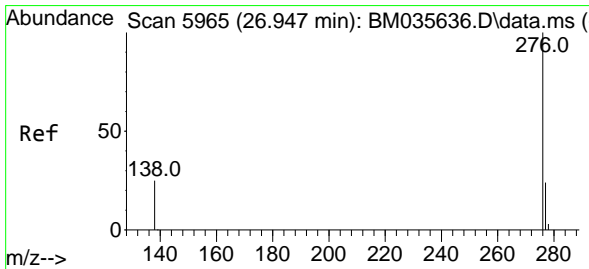
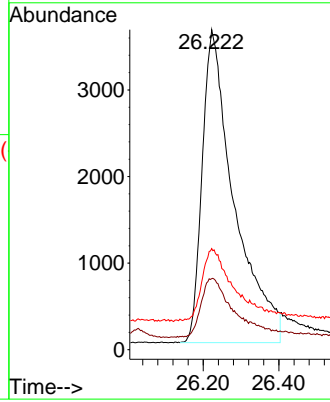
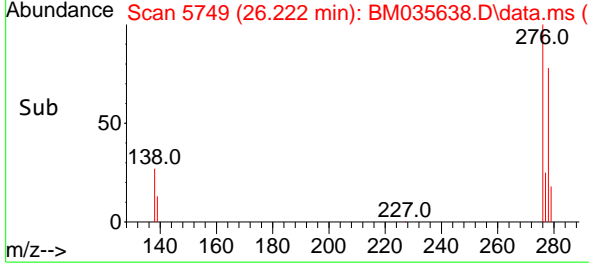


Tgt Ion:278 Resp: 2118  
 Ion Ratio Lower Upper  
 278 100  
 139 22.2 19.1 28.7  
 279 31.6 26.7 40.1

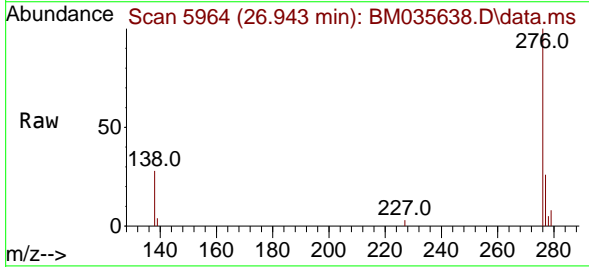
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 Supervised By :Yogesh Patel 06/28/2022



#29  
 Benzo(g,h,i)perylene  
 Concen: 0.436 ng/ul  
 RT: 26.943 min Scan# 5964  
 Delta R.T. -0.002 min  
 Lab File: BM035638.D  
 Acq: 23 Jun 2022 23:31



Tgt Ion:276 Resp: 23894  
 Ion Ratio Lower Upper  
 276 100  
 138 27.8 23.1 34.7  
 277 26.2 20.3 30.5

