

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111321\
 Data File : BM033074.D
 Acq On : 14 Nov 2021 11:35
 Operator : CG/JU
 Sample : PB140483BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS483

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
 Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 15 03:45:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:11:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.435	152	1408	0.400	ng/ul	0.00
4) Naphthalene-d8	10.203	136	5771	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.091	164	3631	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.838	188	7168	0.400	ng/ul	0.00
17) Chrysene-d12	21.030	240	4923	0.400	ng/ul	0.00
23) Perylene-d12	23.137	264	3988	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.843	96	1302	0.724	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.804	152	3028	0.369	ng/ul	0.00
18) Fluoranthene-d10	18.869	212	6144	0.412	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.878	88	3581	1.939	ng/ul#	89
5) Naphthalene	10.253	128	6065	0.362	ng/ul	99
7) 2-Methylnaphthalene	11.876	142	4026	0.347	ng/ul	97
8) 1-Methylnaphthalene	12.101	142	3915	0.344	ng/ul	99
10) Acenaphthylene	13.810	152	5290	0.335	ng/ul	99
11) Acenaphthene	14.152	153	4729	0.343	ng/ul	99
12) Fluorene	15.145	166	5264	0.324	ng/ul	99
14) Pentachlorophenol	16.511	266	953	0.510	ng/ul	98
15) Phenanthrene	16.876	178	7988	0.335	ng/ul	99
16) Anthracene	16.966	178	6570	0.314	ng/ul	98
19) Fluoranthene	18.900	202	8724	0.378	ng/ul	99
20) Pyrene	19.262	202	8870	0.369	ng/ul	98
21) Benzo(a)anthracene	21.013	228	6007	0.330	ng/ul	99
22) Chrysene	21.067	228	7277	0.355	ng/ul	100
24) Benzo(b)fluoranthene	22.514	252	6294	0.344	ng/ul	93
25) Benzo(k)fluoranthene	22.555	252	5999m	0.306	ng/ul	
26) Benzo(a)pyrene	23.045	252	5206	0.345	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.194	276	6697	0.386	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.196	278	5329	0.388	ng/ul	94
29) Benzo(g,h,i)perylene	25.819	276	6108	0.406	ng/ul	98

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

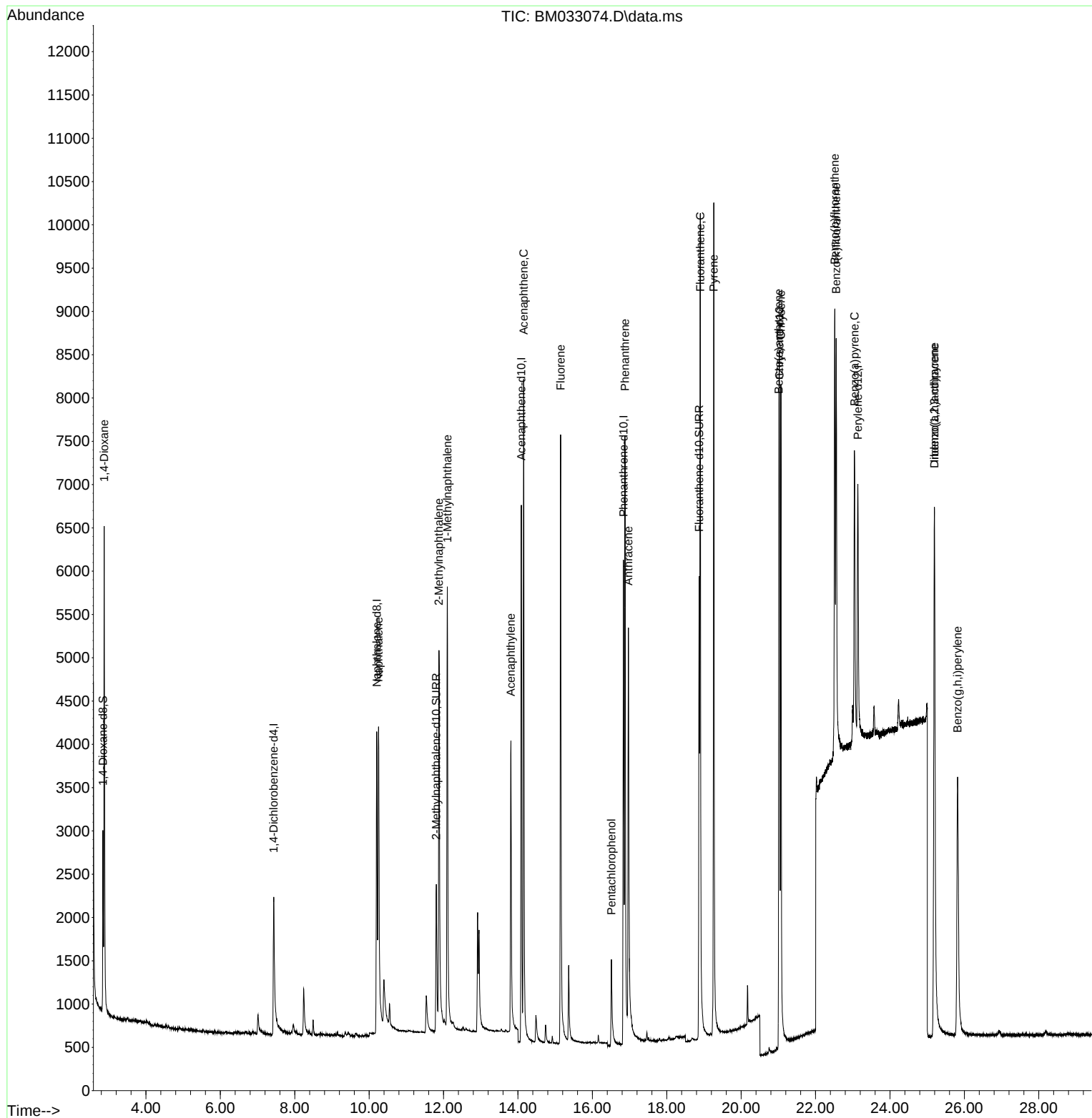
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111321\
Data File : BM033074.D
Acq On : 14 Nov 2021 11:35
Operator : CG/JU
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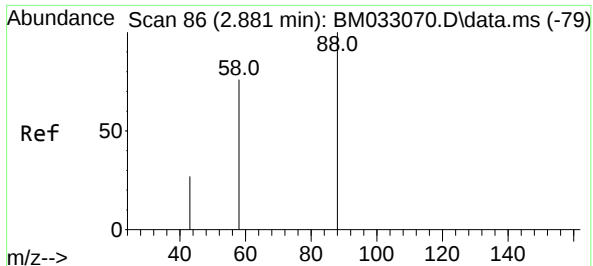
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Quant Time: Nov 15 03:45:42 2021
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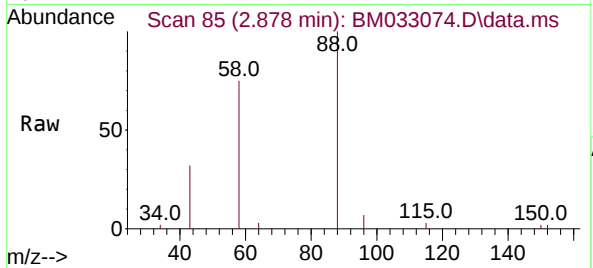
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021





#2
1,4-Dioxane
Concen: 1.939 ng/ul
RT: 2.878 min Scan# 86
Delta R.T. -0.010 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35

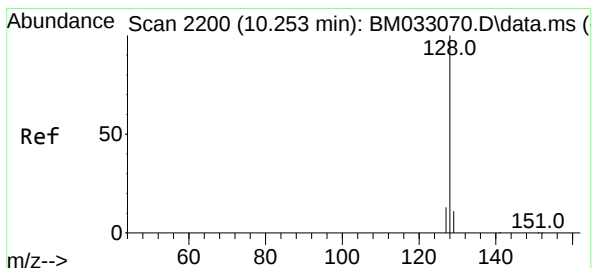
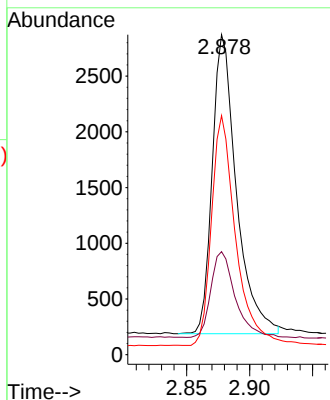
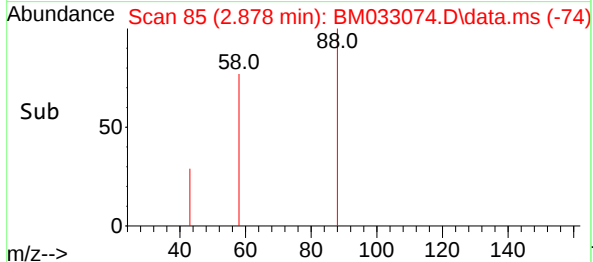
Instrument :
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SLCS483



Tgt Ion: 88 Resp: 358
Ion Ratio Lower Upper
88 100
43 32.2 35.8 53.8
58 74.7 55.8 83.8

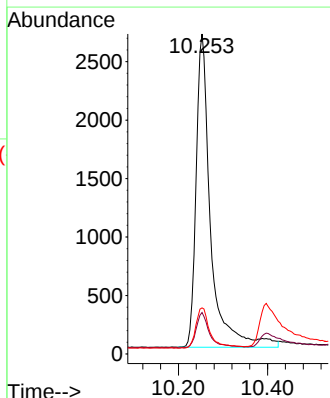
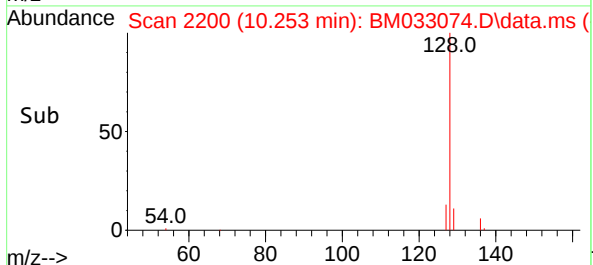
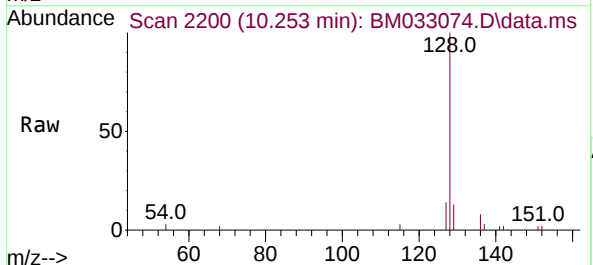
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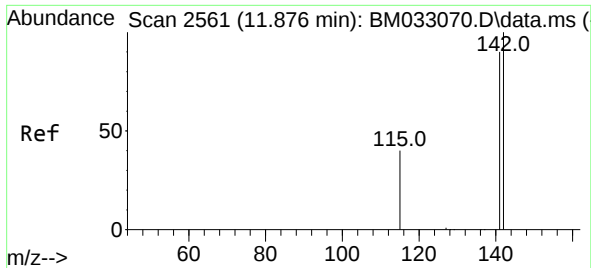
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#5
Naphthalene
Concen: 0.362 ng/ul
RT: 10.253 min Scan# 2200
Delta R.T. -0.005 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35

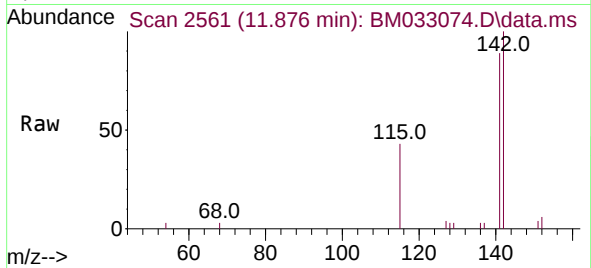
Tgt Ion:128 Resp: 6065
Ion Ratio Lower Upper
128 100
129 13.0 9.8 14.6
127 14.4 11.8 17.8





#7
2-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 11.876 min Scan# 2561
Delta R.T. -0.009 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35

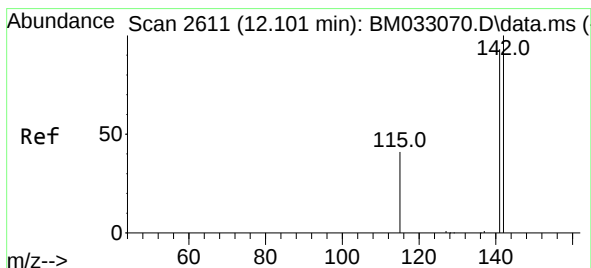
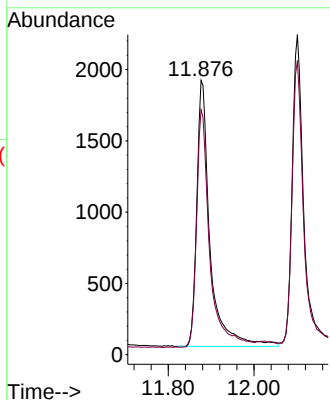
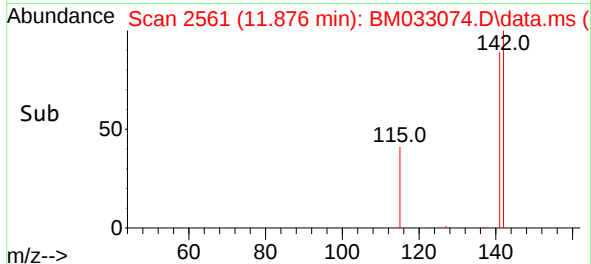
Instrument :
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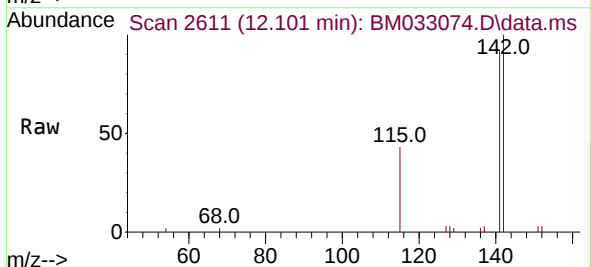
Tgt Ion:142 Resp: 4020
Ion Ratio Lower Upper
142 100
141 88.4 73.3 109.9

Manual Integrations
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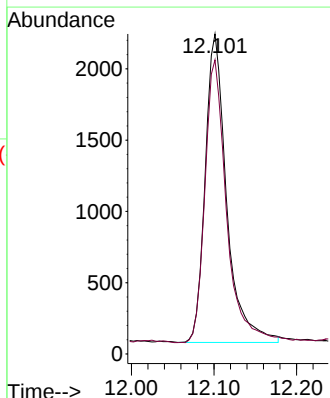
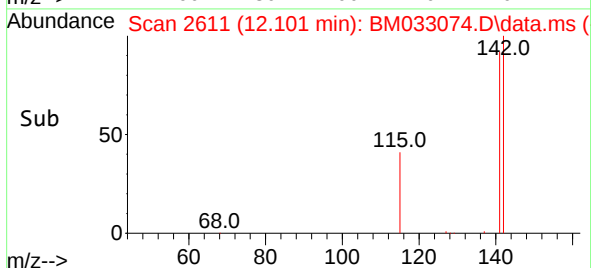
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

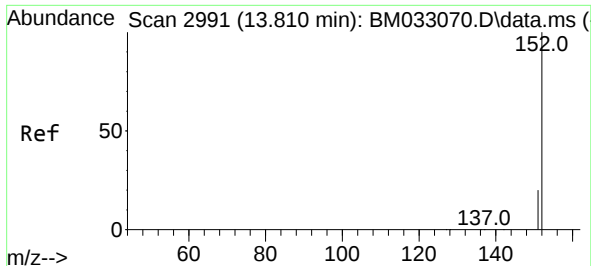


#8
1-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.101 min Scan# 2611
Delta R.T. -0.005 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35



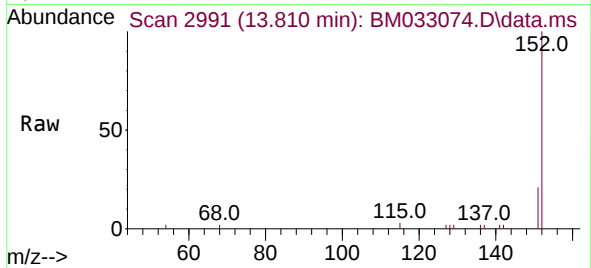
Tgt Ion:142 Resp: 3915
Ion Ratio Lower Upper
142 100
141 92.0 74.5 111.7





#10
Acenaphthylene
Concen: 0.335 ng/ul
RT: 13.810 min Scan# 2991
Delta R.T. -0.005 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35

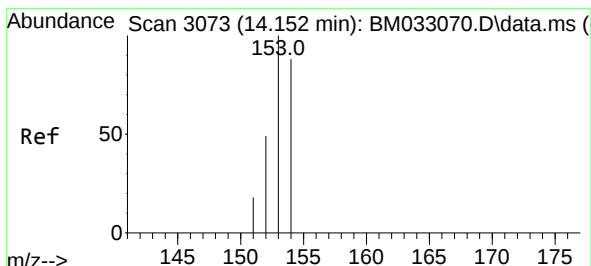
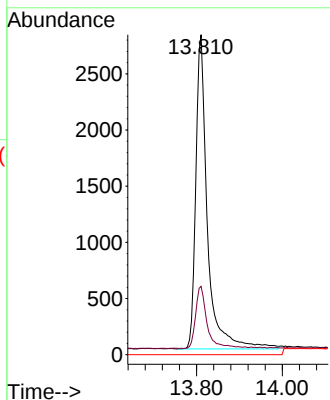
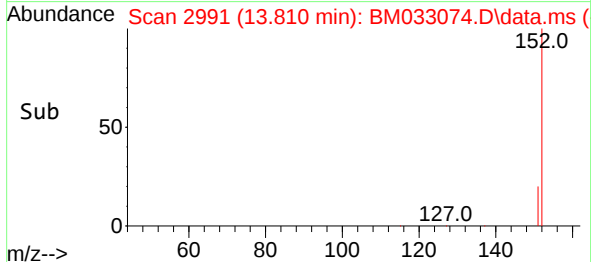
Instrument :
BNA_M
ClientSampleId :
SLCS483



Tgt Ion:152 Resp: 5290
Ion Ratio Lower Upper
152 100
151 21.3 16.7 25.1
153 0.0 0.0 0.0

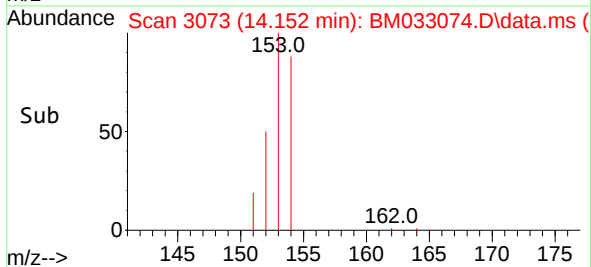
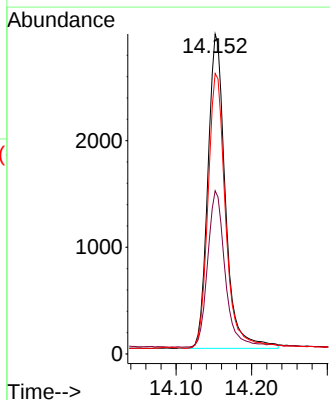
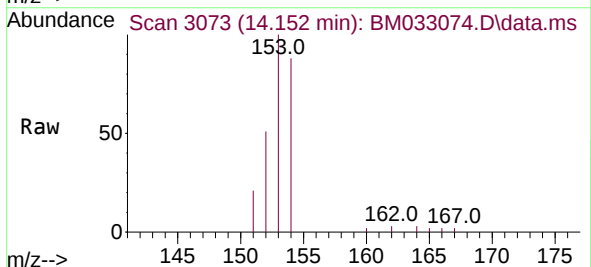
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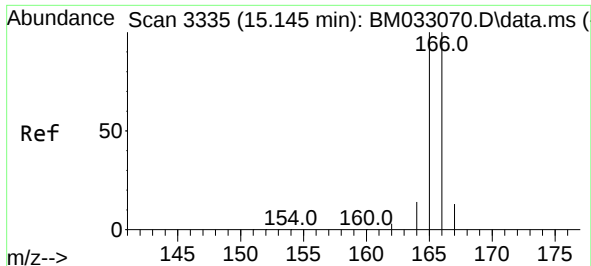
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#11
Acenaphthene
Concen: 0.343 ng/ul
RT: 14.152 min Scan# 3073
Delta R.T. -0.008 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35

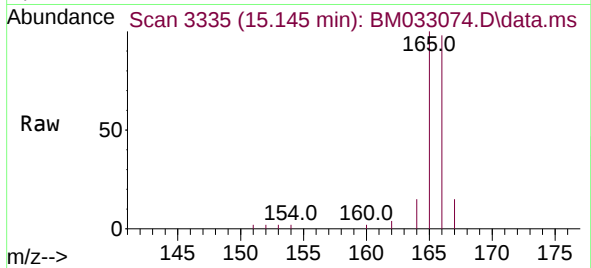
Tgt Ion:153 Resp: 4729
Ion Ratio Lower Upper
153 100
152 51.0 40.6 60.8
154 87.7 70.8 106.2





#12
Fluorene
Concen: 0.324 ng/ul
RT: 15.145 min Scan# 31
Delta R.T. -0.008 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35

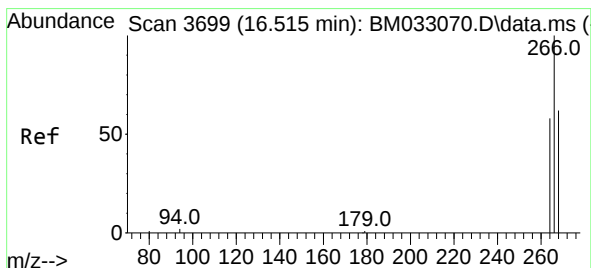
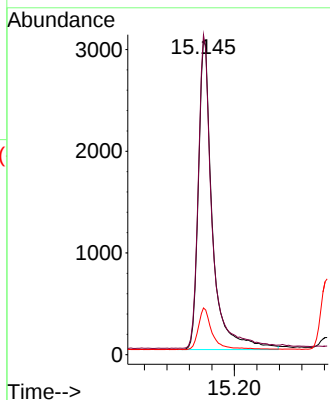
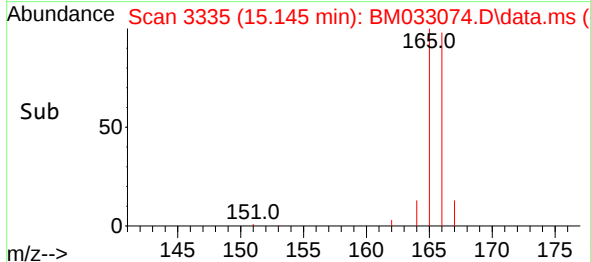
Instrument :
BNA_M
ClientSampleId :
SLCS483



Tgt Ion:166 Resp: 526
Ion Ratio Lower Upper
166 100
165 102.0 80.8 121.2
167 14.9 11.7 17.5

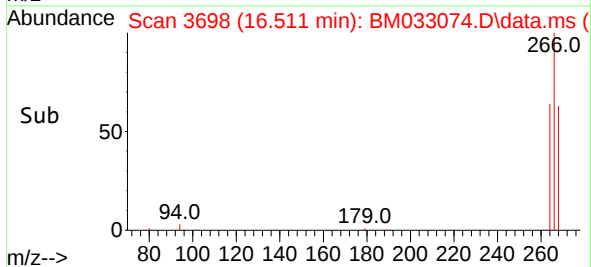
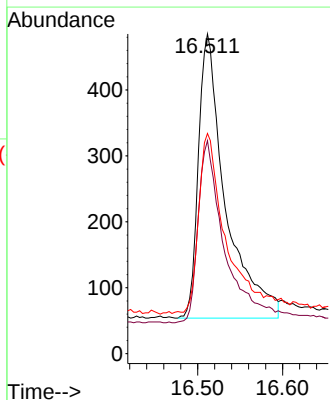
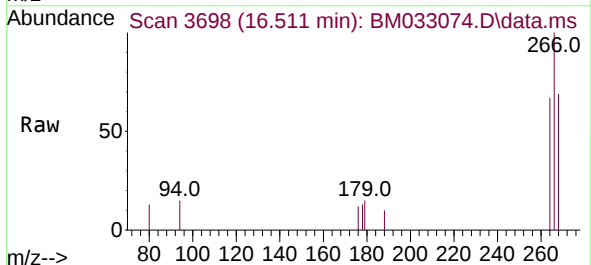
Manual Integrations
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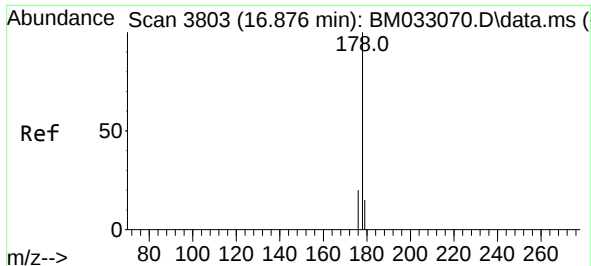
Reviewed By :Jagrut Upadhyay 11/15/2021
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#14
Pentachlorophenol
Concen: 0.510 ng/ul
RT: 16.511 min Scan# 3698
Delta R.T. -0.000 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35

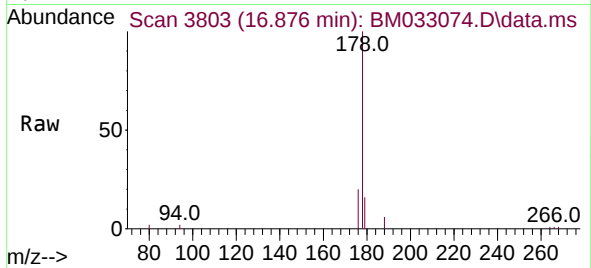
Tgt Ion:266 Resp: 953
Ion Ratio Lower Upper
266 100
264 62.5 51.2 76.8
268 64.0 52.9 79.3





#15
Phenanthrene
Concen: 0.335 ng/ul
RT: 16.876 min Scan# 3803
Delta R.T. -0.007 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35

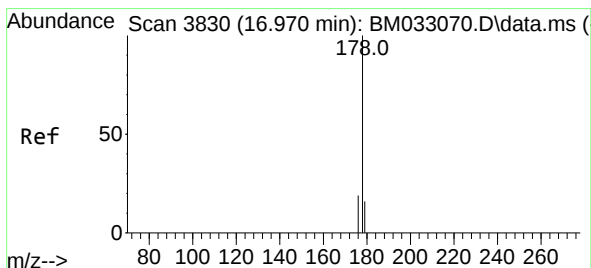
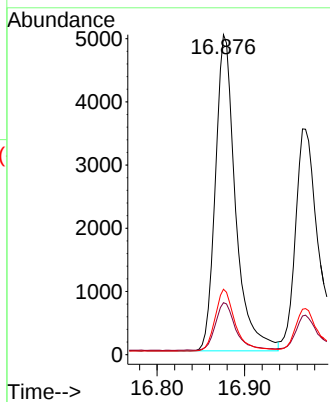
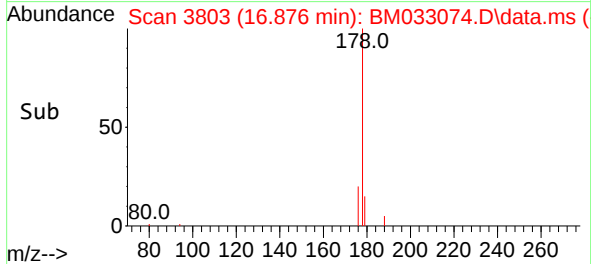
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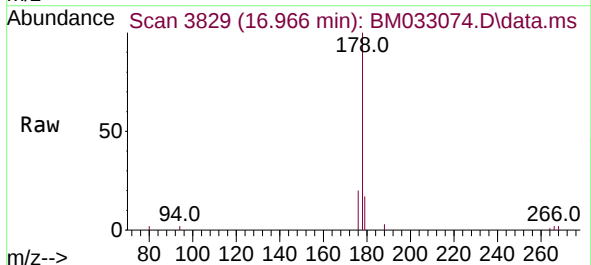
Tgt Ion:178 Resp: 7988
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 20.5 16.0 24.0

Manual Integrations
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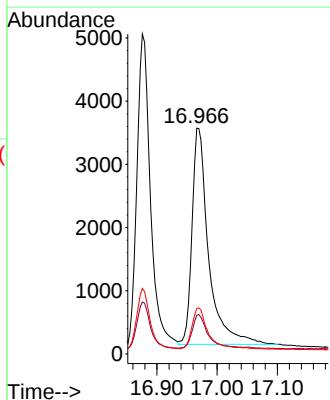
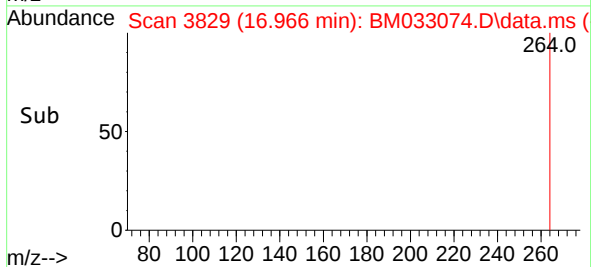
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Supervised By :mohammad ahmed 11/17/2021

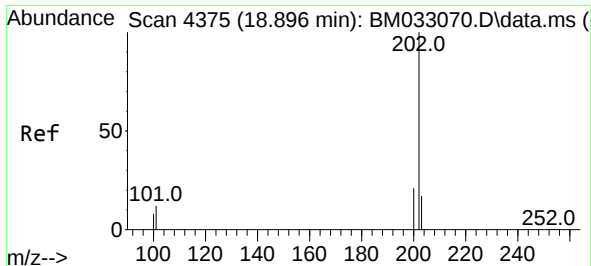


#16
Anthracene
Concen: 0.314 ng/ul
RT: 16.966 min Scan# 3829
Delta R.T. -0.007 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35



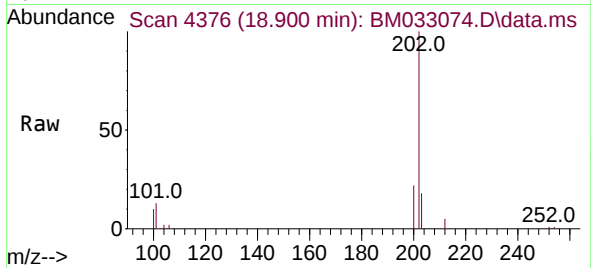
Tgt Ion:178 Resp: 6570
Ion Ratio Lower Upper
178 100
179 17.2 13.0 19.6
176 20.1 15.6 23.4





#19
Fluoranthene
Concen: 0.378 ng/u1
RT: 18.900 min Scan# 4376
Delta R.T. -0.004 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35

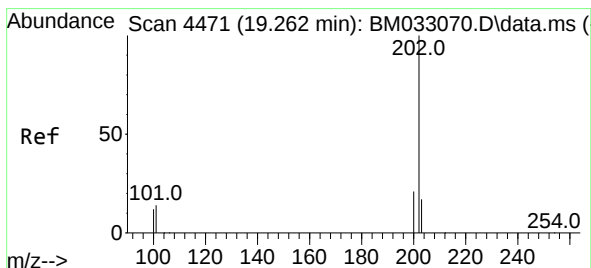
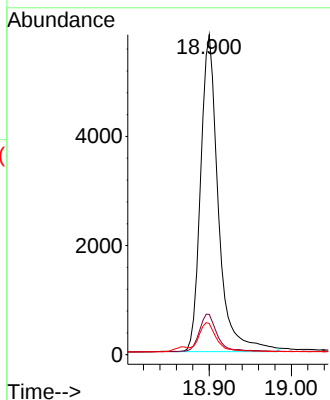
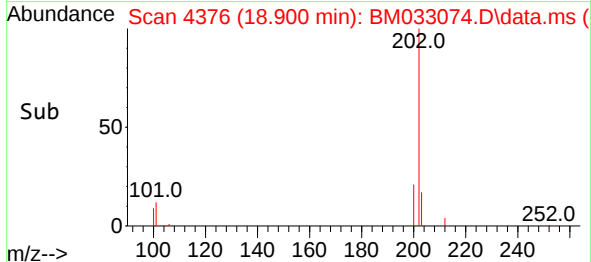
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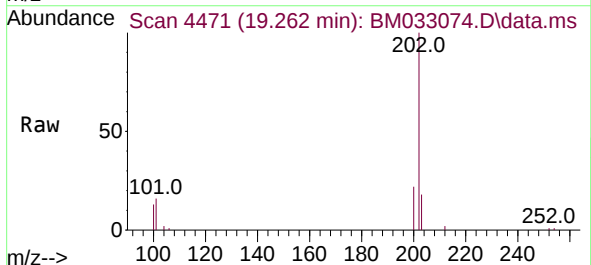
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101 12.6 9.9 14.9
100 9.8 7.3 10.9

Manual Integrations
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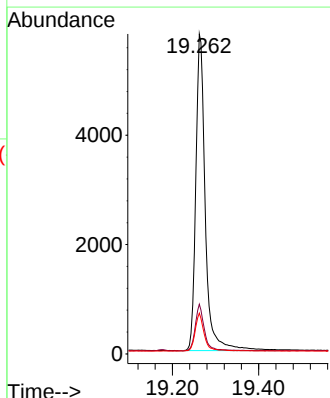
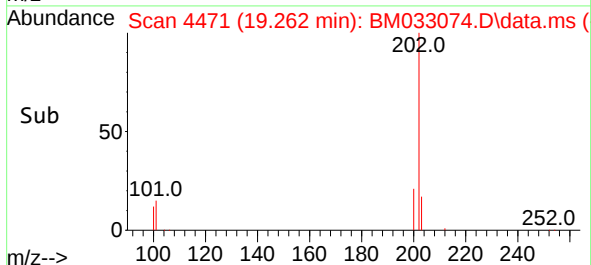
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

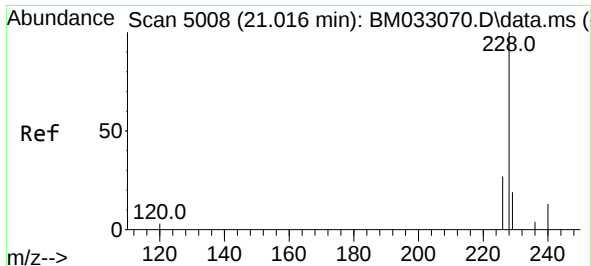


#20
Pyrene
Concen: 0.369 ng/u1
RT: 19.262 min Scan# 4471
Delta R.T. -0.008 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35



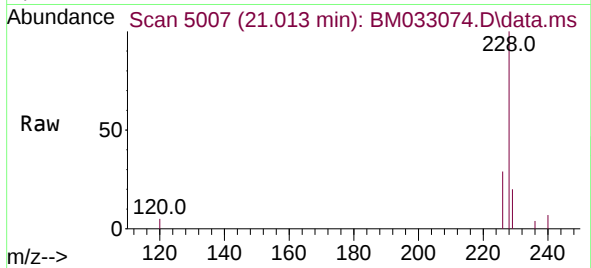
Tgt Ion:202 Resp: 8870
Ion Ratio Lower Upper
202 100
101 15.5 11.8 17.6
100 12.7 9.5 14.3





#21
Benzo(a)anthracene
Concen: 0.330 ng/ul
RT: 21.013 min Scan# 5007
Delta R.T. -0.007 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35

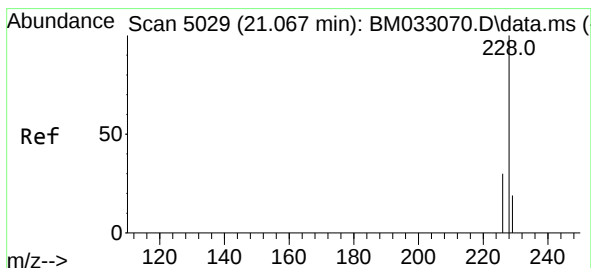
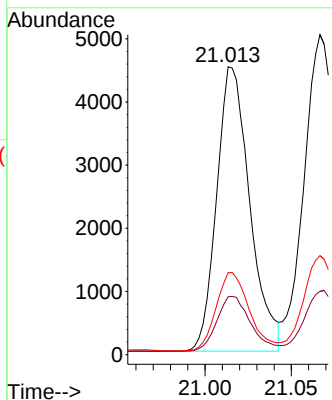
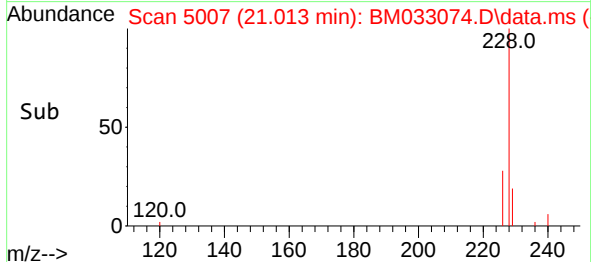
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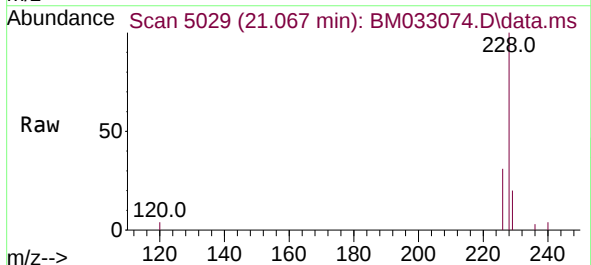
Tgt Ion:228 Resp: 6007
Ion Ratio Lower Upper
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229 20.1 15.7 23.5
226 28.5 22.4 33.6

Manual Integrations
APPROVED

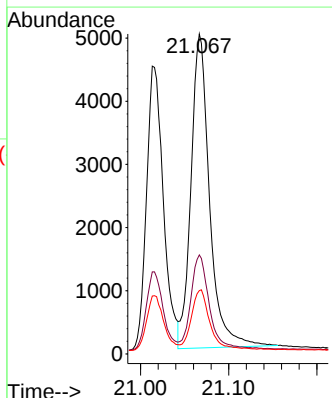
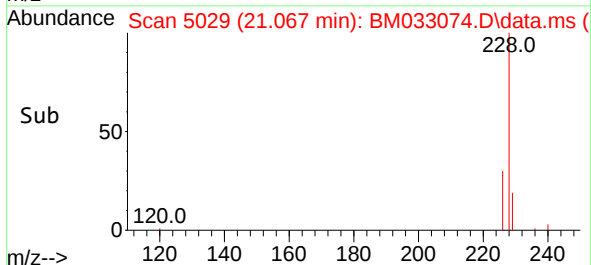
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

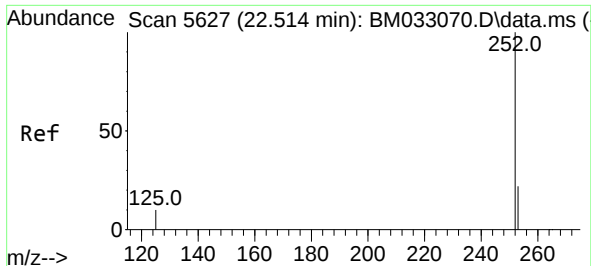


#22
Chrysene
Concen: 0.355 ng/ul
RT: 21.067 min Scan# 5029
Delta R.T. -0.005 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35



Tgt Ion:228 Resp: 7277
Ion Ratio Lower Upper
228 100
226 30.9 24.9 37.3
229 19.8 16.1 24.1





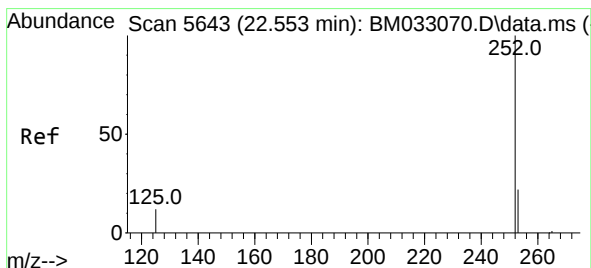
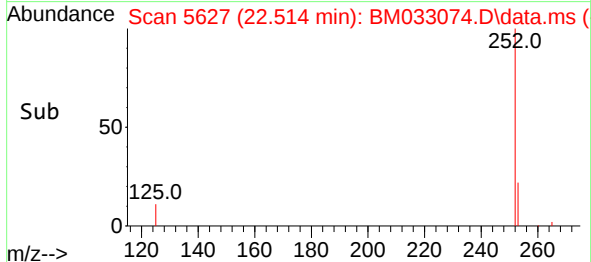
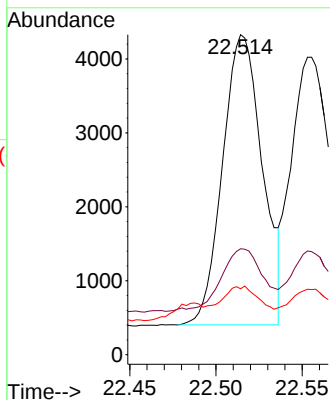
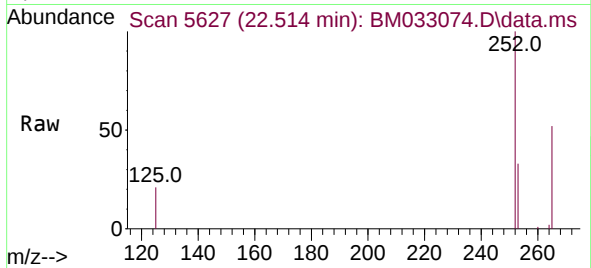
#24
Benzo(b)fluoranthene
Concen: 0.344 ng/ul
RT: 22.514 min Scan# 5627
Delta R.T. -0.005 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35

Instrument :
BNA_M
ClientSampleId :
SLCS483

Tgt Ion:252 Resp: 6294
Ion Ratio Lower Upper
252 100
253 33.1 0.0 59.2
125 20.6 0.0 34.2

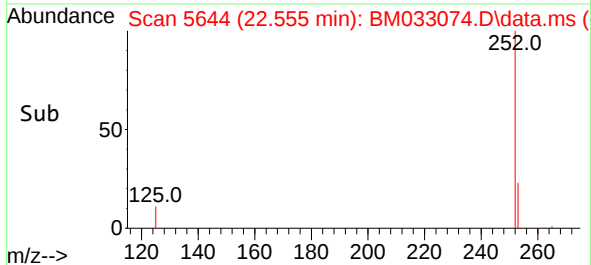
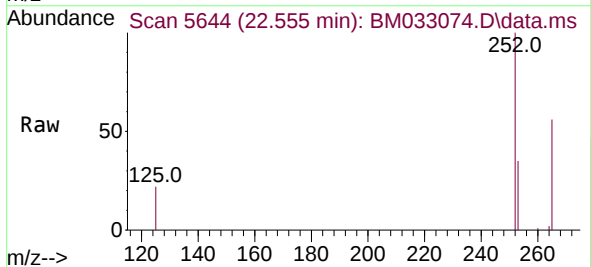
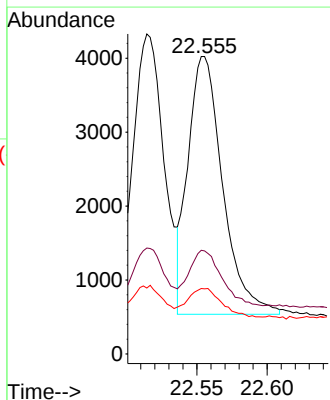
Manual Integrations
APPROVED

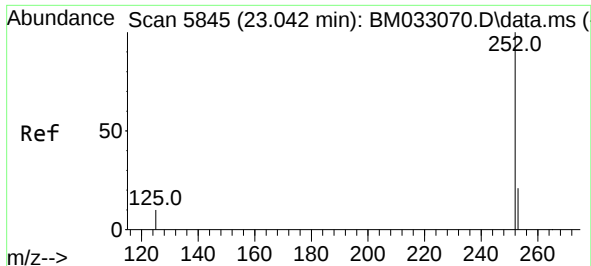
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#25
Benzo(k)fluoranthene
Concen: 0.306 ng/ul m
RT: 22.555 min Scan# 5644
Delta R.T. -0.005 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35

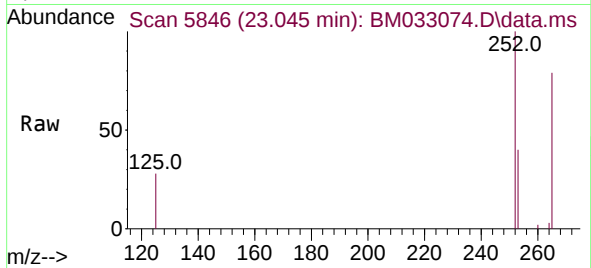
Tgt Ion:252 Resp: 5999
Ion Ratio Lower Upper
252 100
253 34.6 23.1 34.7
125 21.9 14.6 21.8#





#26
Benzo(a)pyrene
Concen: 0.345 ng/ul
RT: 23.045 min Scan# 5845
Delta R.T. -0.007 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35

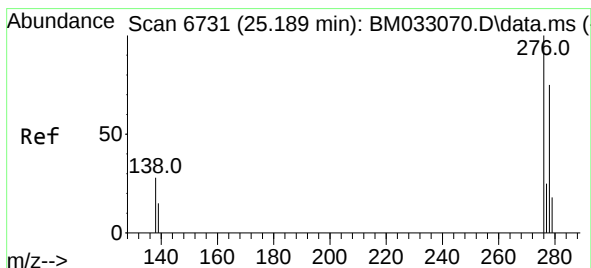
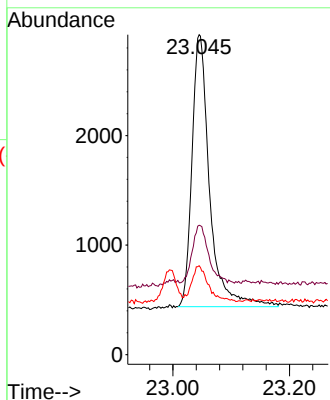
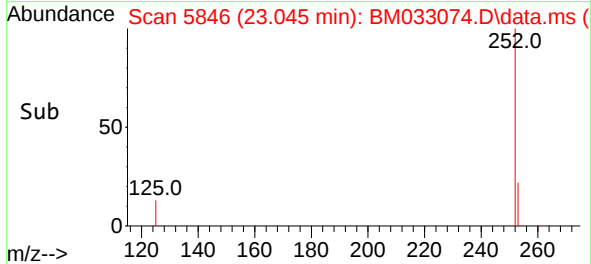
Instrument :
BNA_M
ClientSampleId :
SLCS483



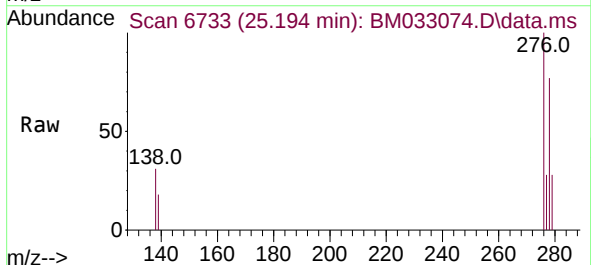
Tgt Ion:252 Resp: 5200
Ion Ratio Lower Upper
252 100
253 40.5 27.1 40.7
125 27.8 17.4 26.2

Manual Integrations
APPROVED

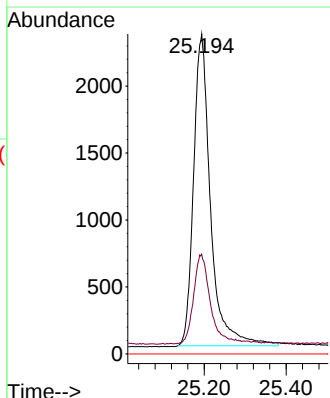
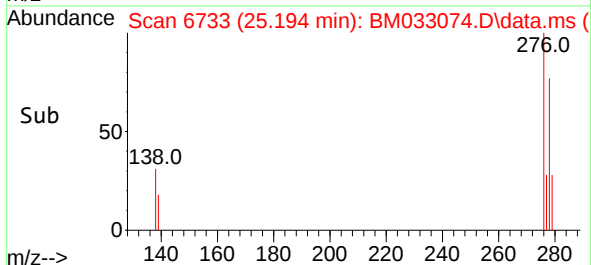
Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021

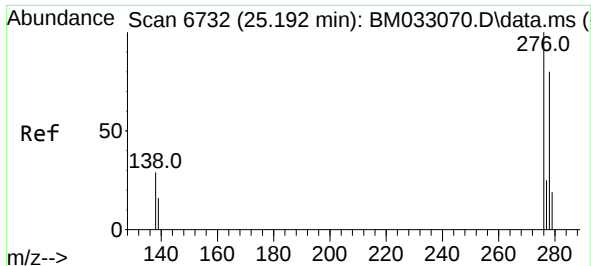


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng/ul
RT: 25.194 min Scan# 6733
Delta R.T. -0.005 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35



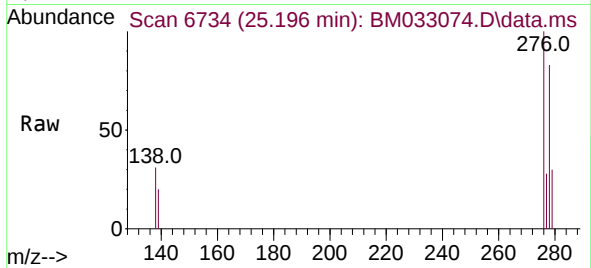
Tgt Ion:276 Resp: 6697
Ion Ratio Lower Upper
276 100
138 32.9 22.9 34.3
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.388 ng/ul
RT: 25.196 min Scan# 61
Delta R.T. -0.010 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35

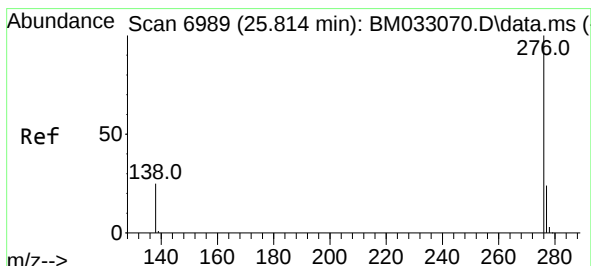
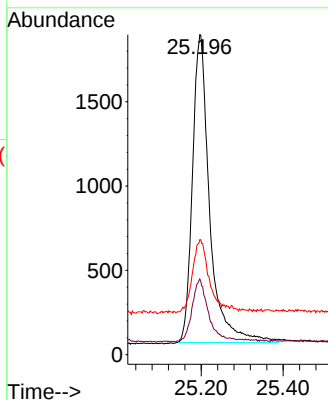
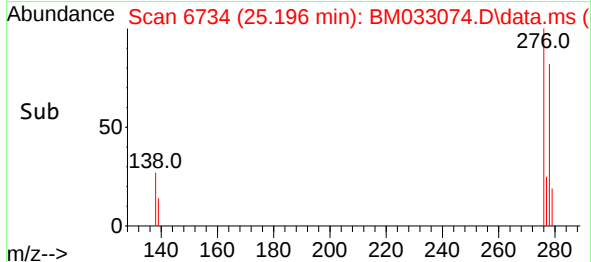
Instrument :
BNA_M
ClientSampleId :
SLCS483



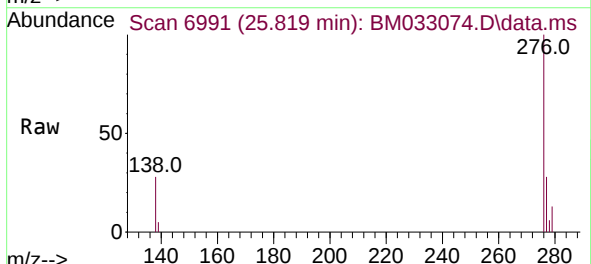
Tgt Ion:278 Resp: 5329
Ion Ratio Lower Upper
278 100
139 23.7 18.2 27.2
279 35.9 24.6 36.8

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/15/2021
Supervised By :mohammad ahmed 11/17/2021



#29
Benzo(g,h,i)perylene
Concen: 0.406 ng/ul
RT: 25.819 min Scan# 6991
Delta R.T. -0.010 min
Lab File: BM033074.D
Acq: 14 Nov 2021 11:35



Tgt Ion:276 Resp: 6108
Ion Ratio Lower Upper
276 100
138 28.4 22.2 33.2
277 27.6 21.0 31.4

