

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011022\
 Data File : BM033690.D
 Acq On : 10 Jan 2022 17:16
 Operator : CG/JU
 Sample : N1081-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OB-CS-14

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/11/2022
 Supervised By : Jagrut Upadhyay 01/11/2022

Quant Time: Jan 11 02:25:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 17:07:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	194521	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	796839	20.000	ng	-0.01
39) Acenaphthene-d10	14.613	164	476140	20.000	ng	-0.01
64) Phenanthrene-d10	17.348	188	819346	20.000	ng	-0.01
76) Chrysene-d12	21.518	240	630816	20.000	ng	0.00
86) Perylene-d12	23.953	264	687789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	538552	43.665	ng	0.00
7) Phenol-d6	7.131	99	685460	41.236	ng	0.00
23) Nitrobenzene-d5	9.142	82	1377788	79.853	ng	-0.01
42) 2,4,6-Tribromophenol	16.095	330	219173	44.071	ng	-0.01
45) 2-Fluorobiphenyl	13.248	172	3008849	82.769	ng	-0.01
79) Terphenyl-d14	19.965	244	3133637	89.416	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.713	82	160878	5.756	ng	95
71) Phenanthrene	17.395	178	98526	2.101	ng	# 96
75) Fluoranthene	19.401	202	185139	3.761	ng	87
78) Pyrene	19.765	202	1547013	34.832	ng	98
81) Benzo(a)anthracene	21.500	228	424675	9.928	ng	# 64
83) Chrysene	21.553	228	469180m	11.462	ng	
88) Benzo(b)fluoranthene	23.212	252	229697	5.238	ng	# 67
90) Benzo(a)pyrene	23.847	252	383681	10.542	ng	# 83
92) Benzo(g,h,i)perylene	27.288	276	481302	11.620	ng	95

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

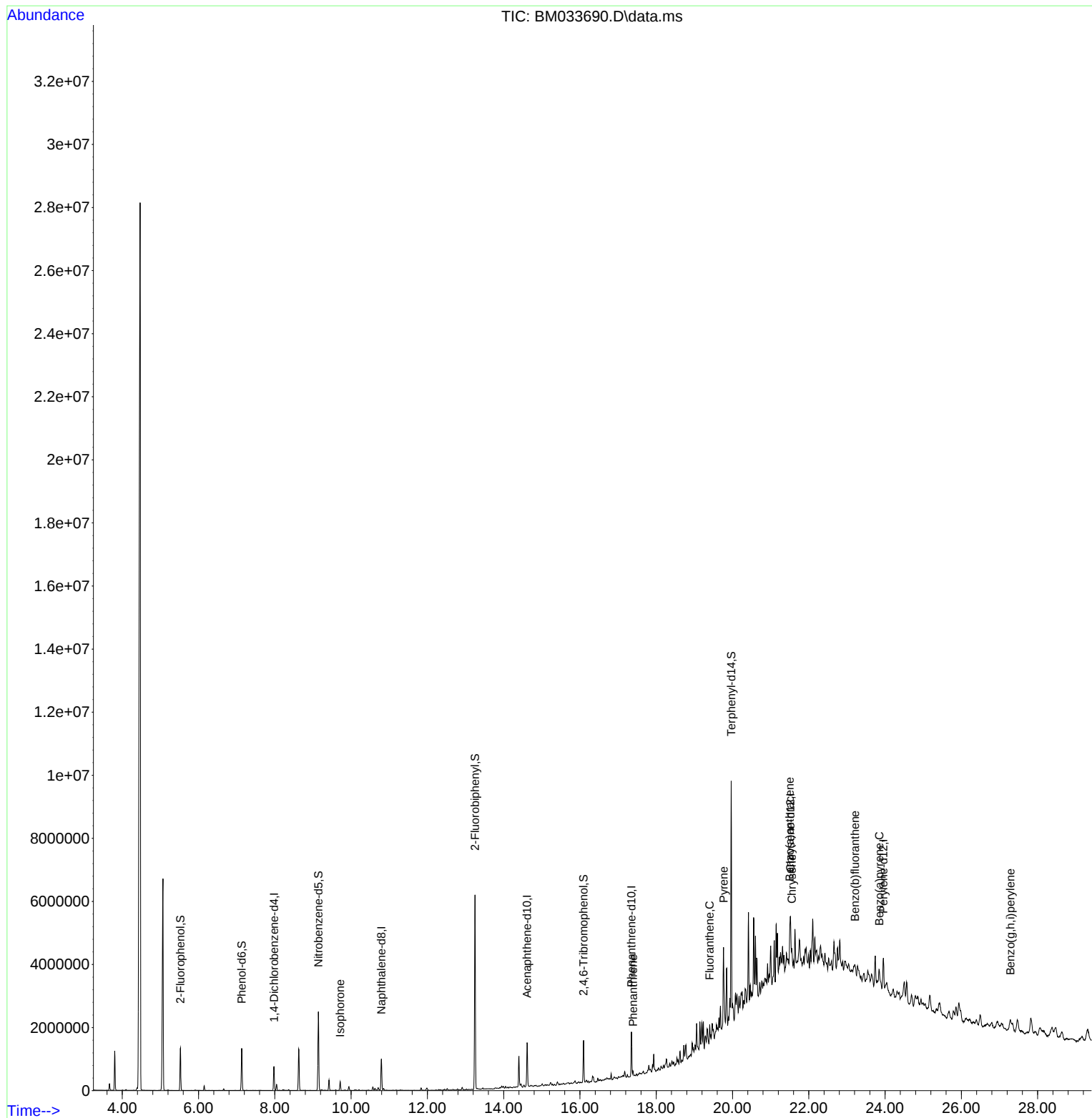
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011022\
Data File : BM033690.D
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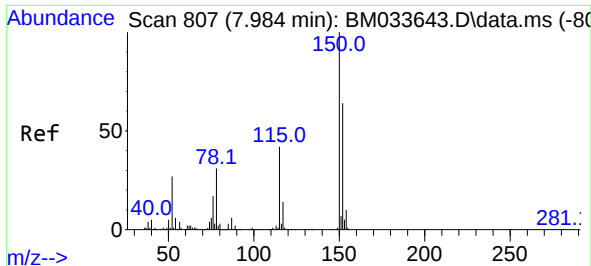
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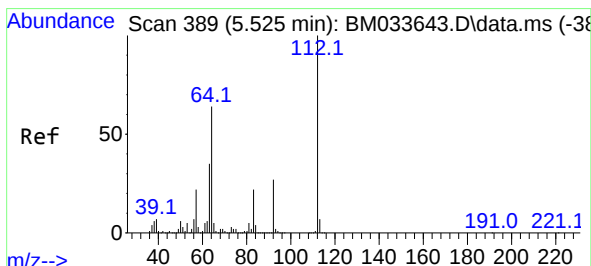
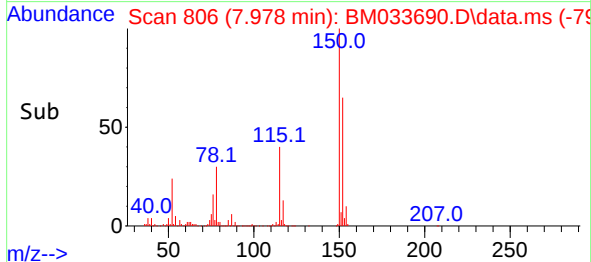
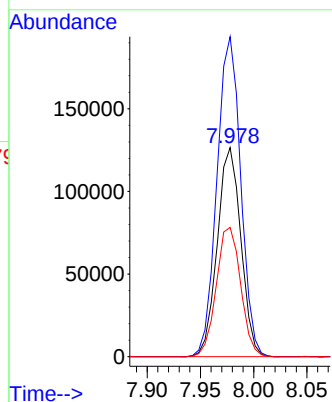
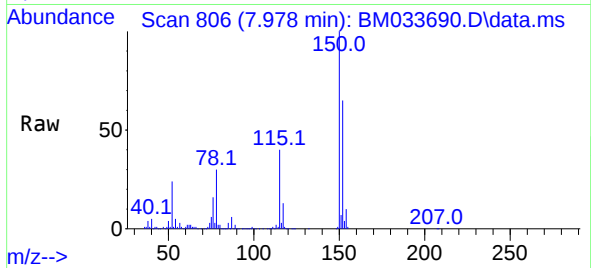
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 807
Delta R.T. -0.006 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

Instrument :
BNA_M
ClientSampleId :
OB-CS-14

Tgt Ion:152 Resp: 19452
Ion Ratio Lower Upper
152 100
150 153.0 128.9 193.3
115 61.8 53.0 79.6

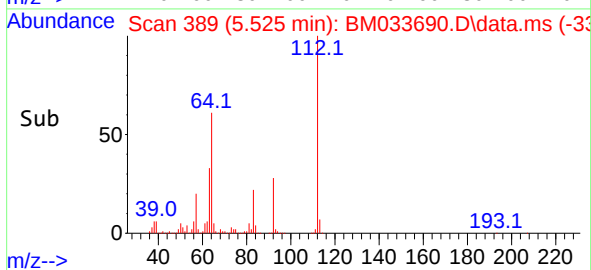
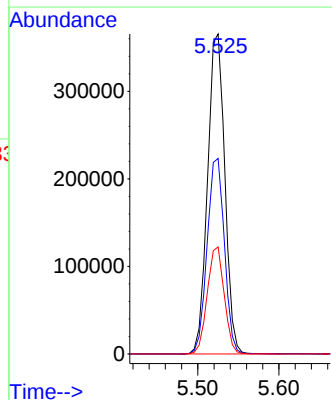
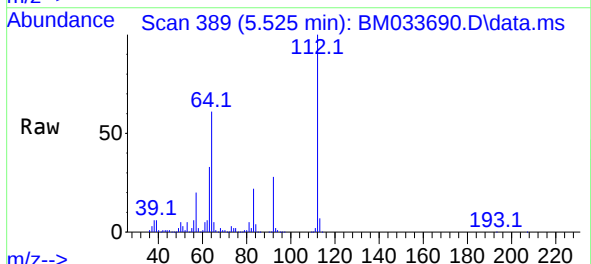
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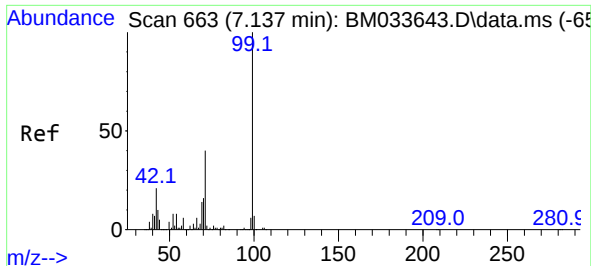
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#5
2-Fluorophenol
Concen: 43.665 ng
RT: 5.525 min Scan# 389
Delta R.T. -0.000 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

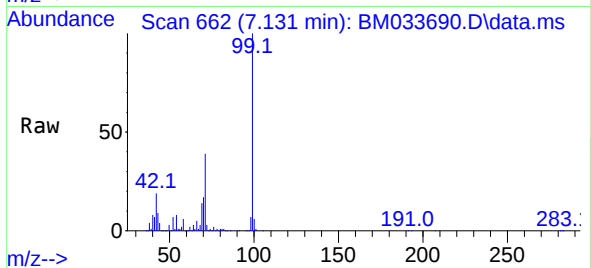
Tgt Ion:112 Resp: 538552
Ion Ratio Lower Upper
112 100
64 61.1 55.5 83.3
63 33.4 31.3 46.9





#7
Phenol-d6
Concen: 41.236 ng
RT: 7.131 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

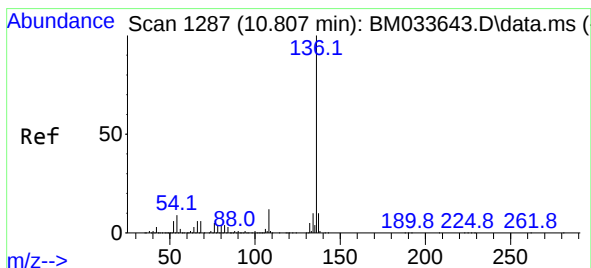
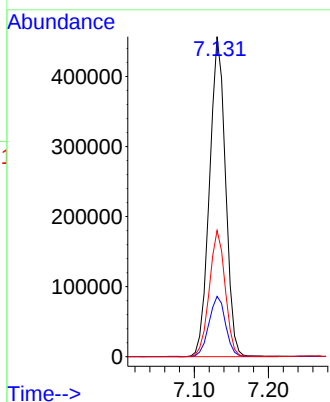
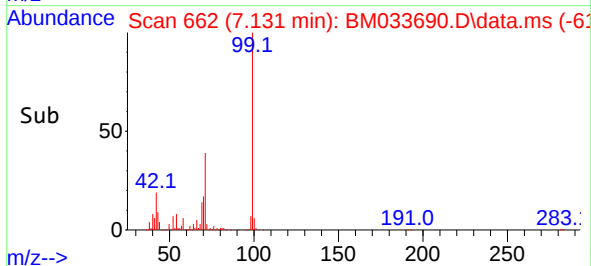
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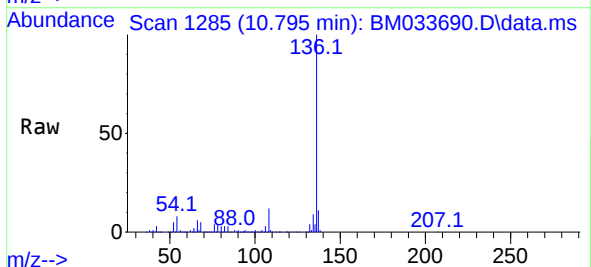
Tgt Ion: 99 Resp: 685460
Ion Ratio Lower Upper
99 100
42 18.8 20.3 30.5
71 39.5 34.5 51.7

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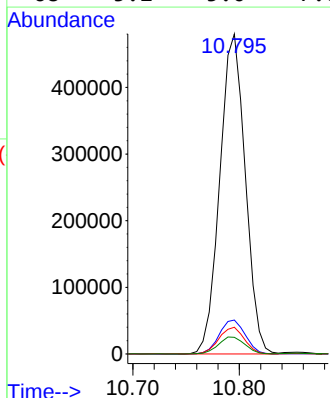
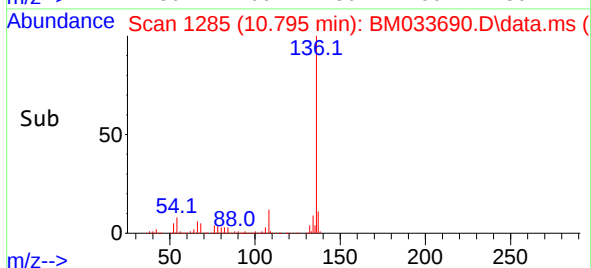
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

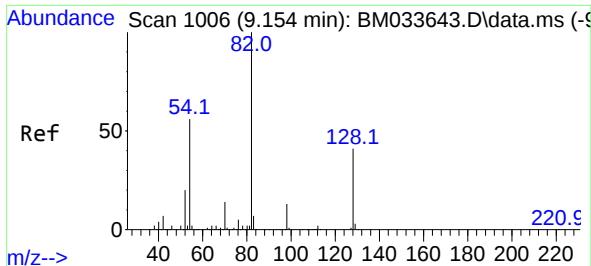


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16



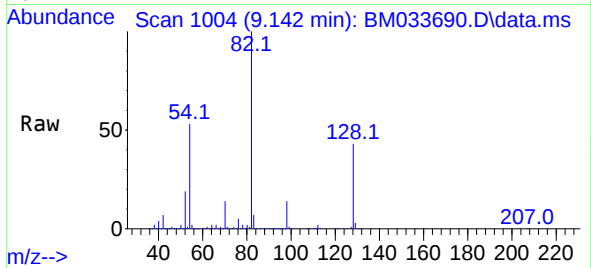
Tgt Ion:136 Resp: 796839
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.3 8.3 12.5
68 5.2 5.0 7.6





#23
Nitrobenzene-d5
Concen: 79.853 ng
RT: 9.142 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

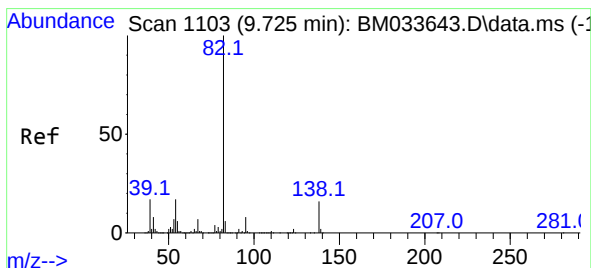
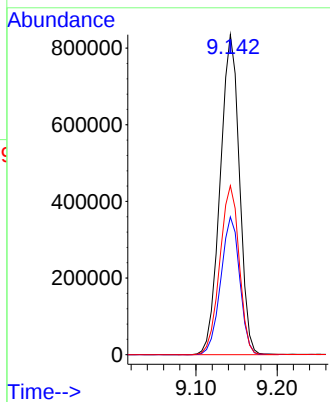
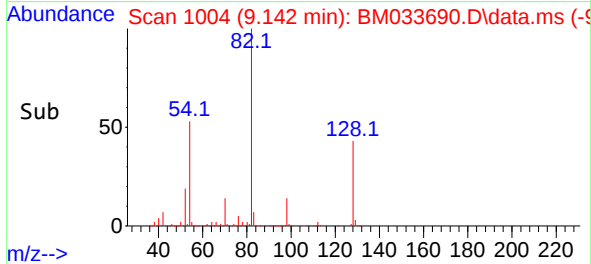
Instrument :
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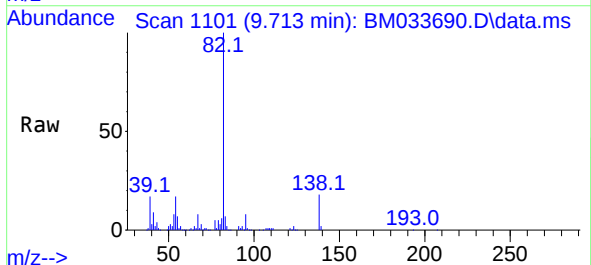
Tgt Ion: 82 Resp: 137778
Ion Ratio Lower Upper
82 100
128 43.0 28.1 42.1
54 52.8 46.1 69.1

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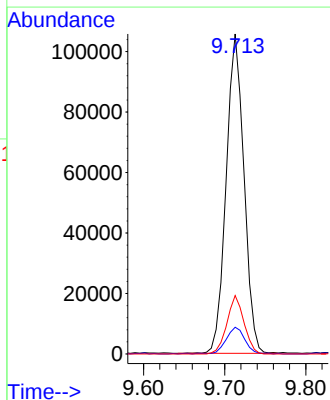
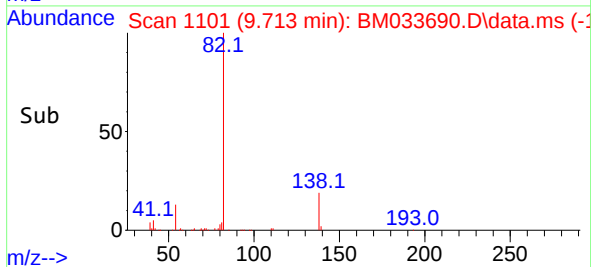
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

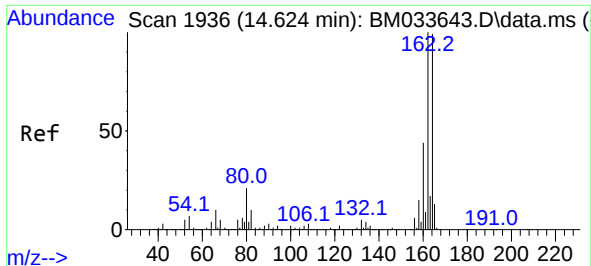


#25
Isophorone
Concen: 5.756 ng
RT: 9.713 min Scan# 1101
Delta R.T. -0.012 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16



Tgt Ion: 82 Resp: 160878
Ion Ratio Lower Upper
82 100
95 8.3 6.4 9.6
138 18.3 12.4 18.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.613 min Scan# 1936

Delta R.T. -0.012 min

Lab File: BM033690.D

Acq: 10 Jan 2022 17:16

Instrument :

BNA_M

ClientSampleId :

OB-CS-14

Tgt Ion:164 Resp: 476140

Ion Ratio Lower Upper

164 100

162 100.1 79.7 119.5

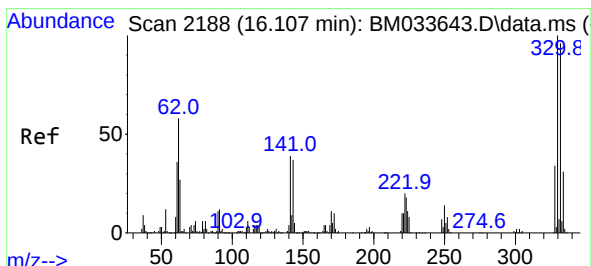
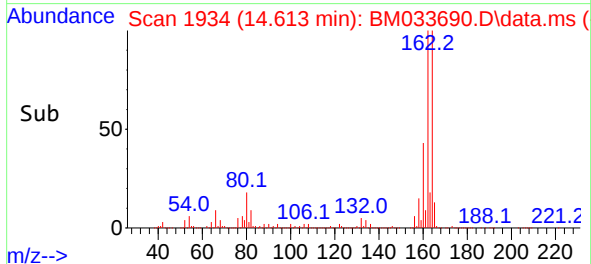
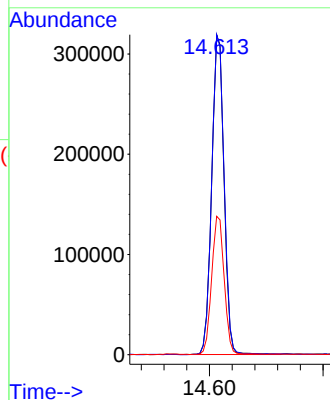
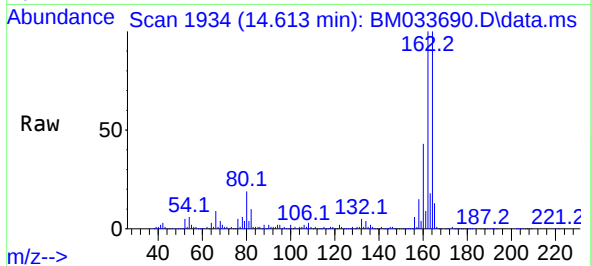
160 43.3 34.2 51.4

Manual Integrations

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#42

2,4,6-Tribromophenol

Concen: 44.071 ng

RT: 16.095 min Scan# 2186

Delta R.T. -0.012 min

Lab File: BM033690.D

Acq: 10 Jan 2022 17:16

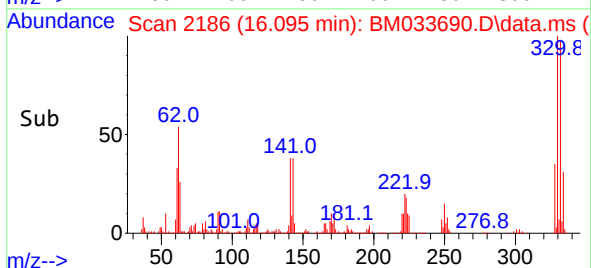
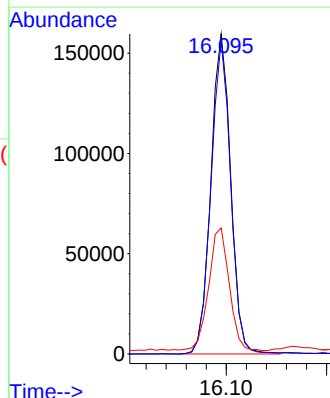
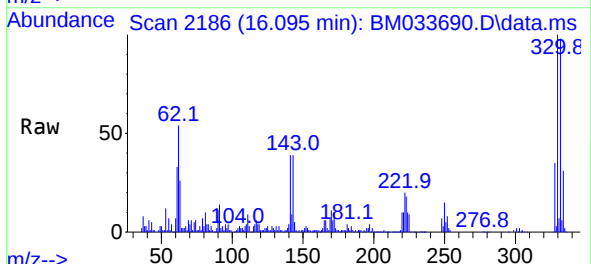
Tgt Ion:330 Resp: 219173

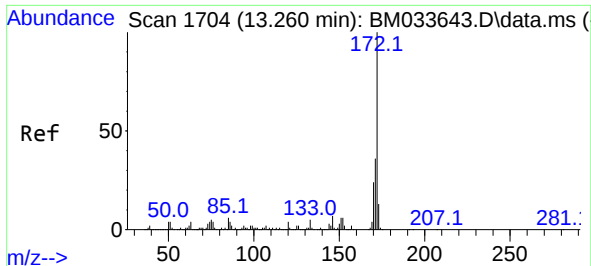
Ion Ratio Lower Upper

330 100

332 97.0 76.5 114.7

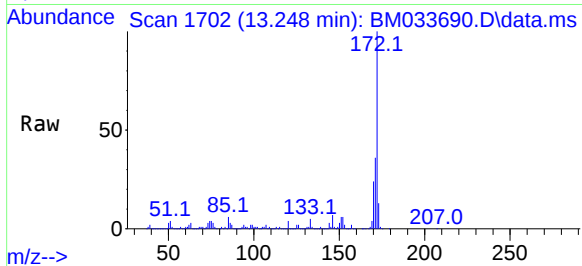
141 39.7 35.9 53.9





#45
2-Fluorobiphenyl
Concen: 82.769 ng
RT: 13.248 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

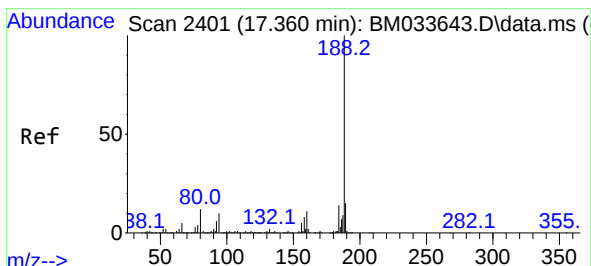
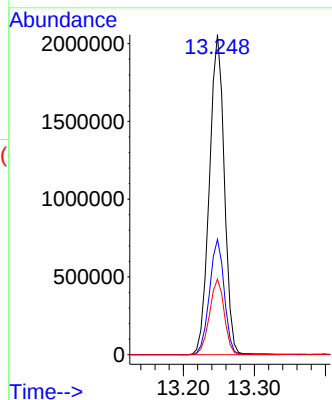
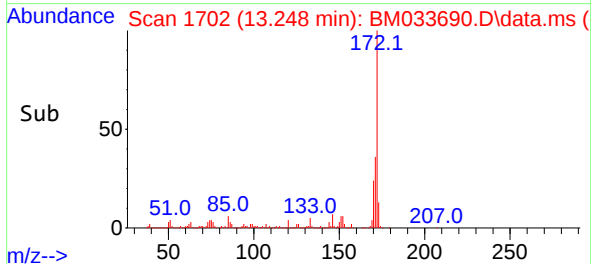
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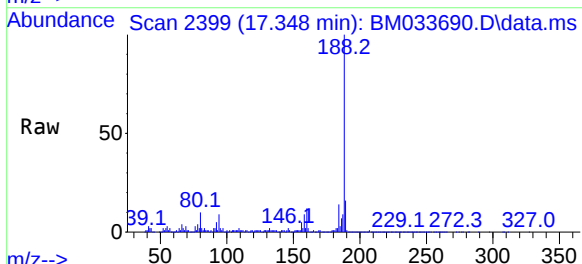
Tgt Ion:172 Resp: 3008849
Ion Ratio Lower Upper
172 100
171 36.0 27.2 40.8
170 23.7 18.7 28.1

Manual Integrations
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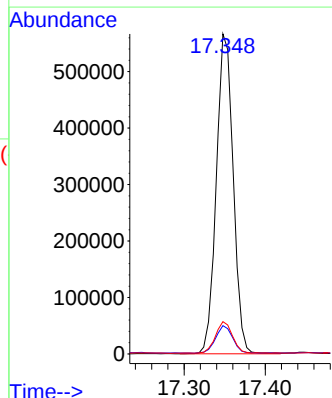
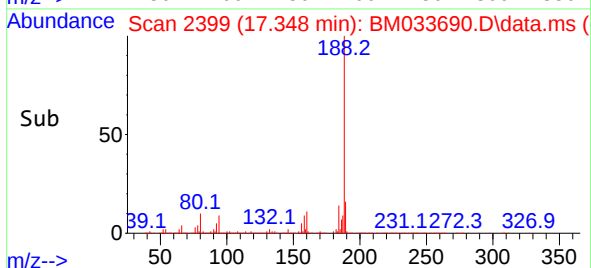
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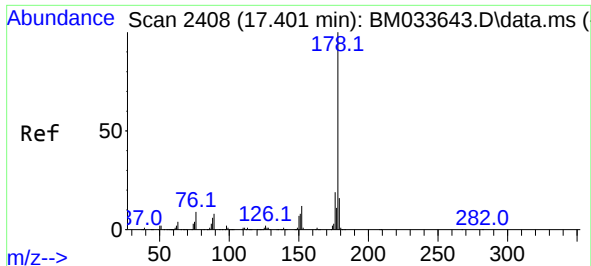


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.348 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16



Tgt Ion:188 Resp: 819346
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 10.1 8.9 13.3





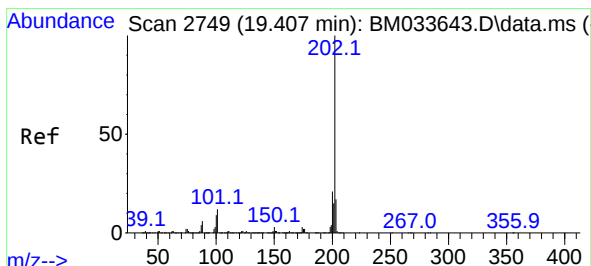
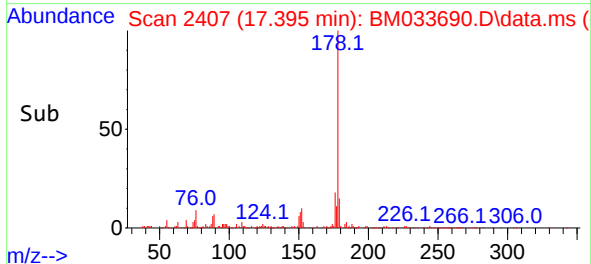
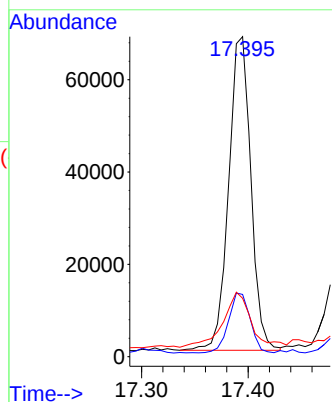
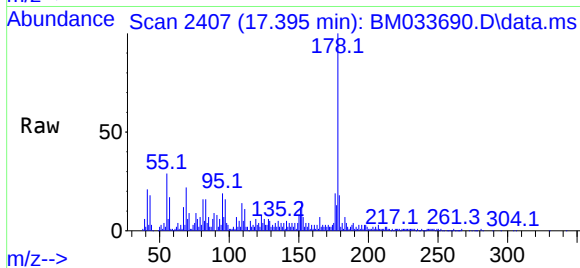
#71
Phenanthrene
Concen: 2.101 ng
RT: 17.395 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 98520
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 18.2 12.0 18.0

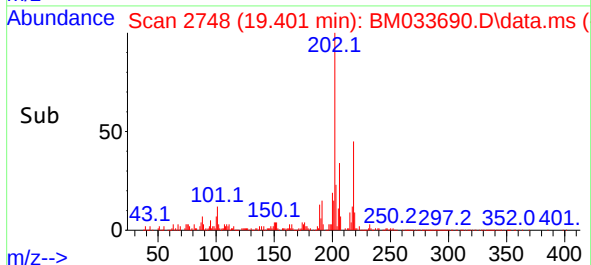
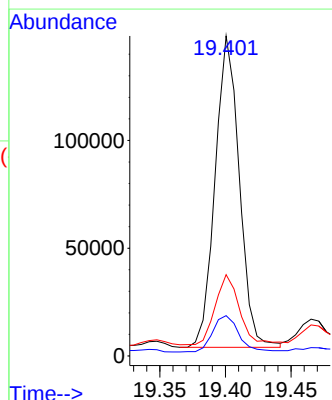
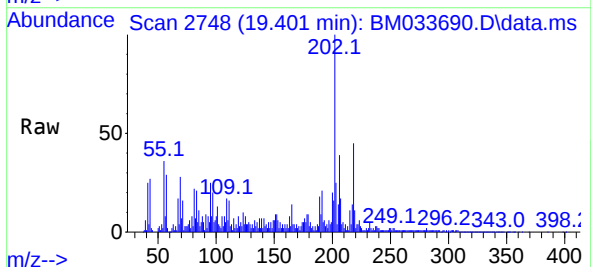
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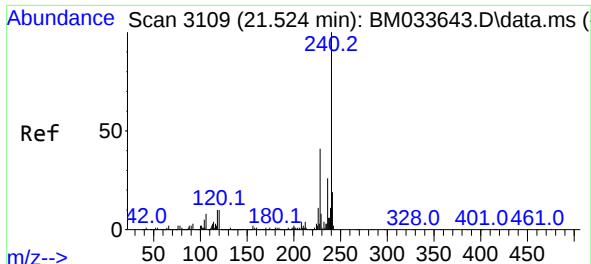
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#75
Fluoranthene
Concen: 3.761 ng
RT: 19.401 min Scan# 2748
Delta R.T. -0.006 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

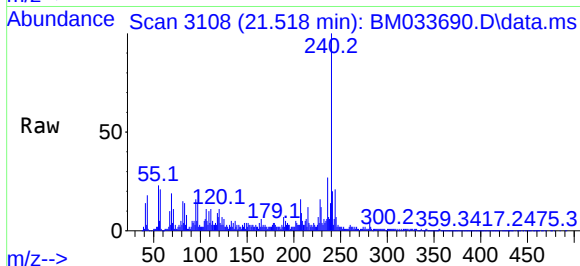
Tgt Ion:202 Resp: 185139
Ion Ratio Lower Upper
202 100
101 12.6 0.0 30.8
203 25.4 0.0 37.2





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.518 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

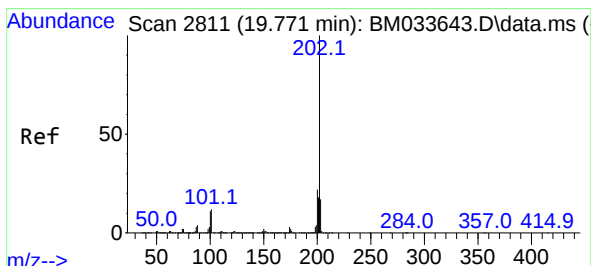
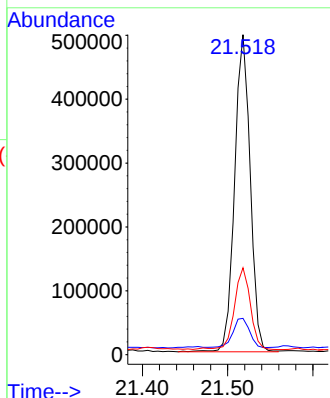
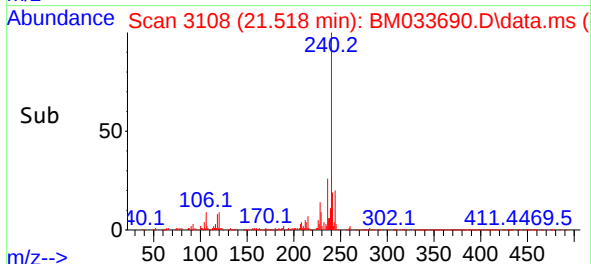
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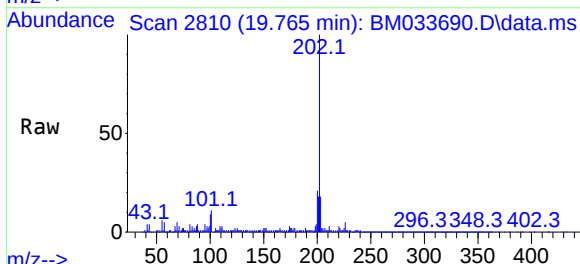
Tgt Ion:240 Resp: 630810
Ion Ratio Lower Upper
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120 11.3 7.8 11.6
236 27.1 20.3 30.5

Manual Integrations
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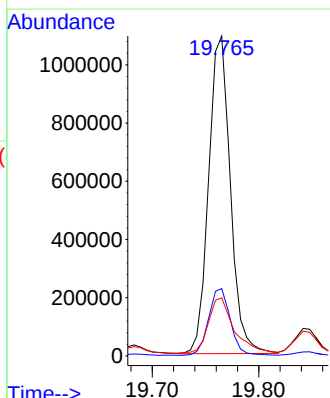
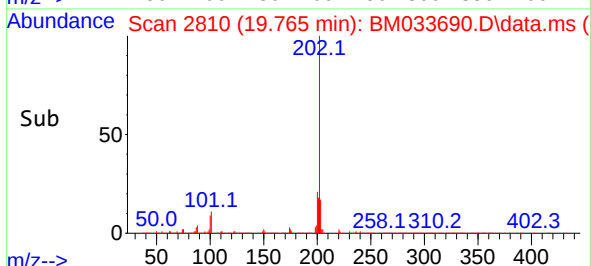
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

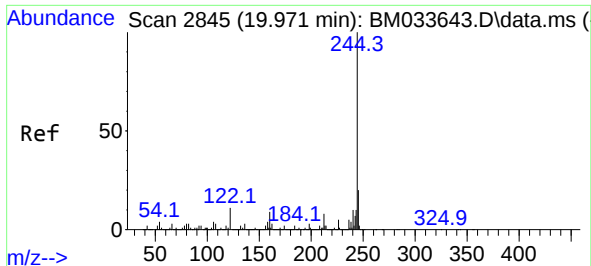


#78
Pyrene
Concen: 34.832 ng
RT: 19.765 min Scan# 2810
Delta R.T. -0.006 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16



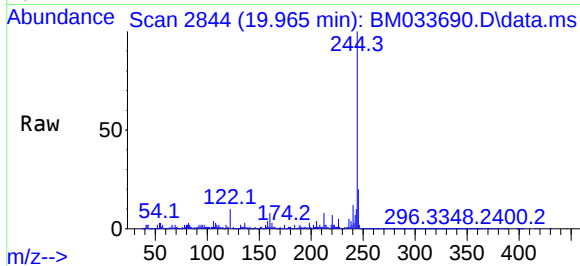
Tgt Ion:202 Resp: 1547013
Ion Ratio Lower Upper
202 100
200 21.0 16.4 24.6
203 18.2 13.5 20.3





#79
 Terphenyl-d14
 Concen: 89.416 ng
 RT: 19.965 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033690.D
 Acq: 10 Jan 2022 17:16

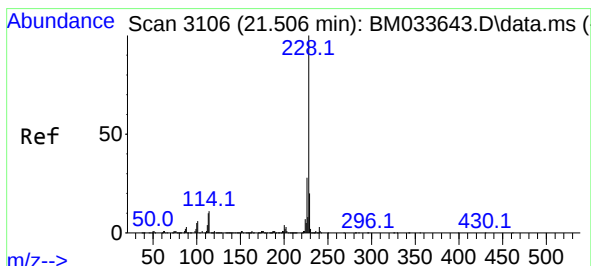
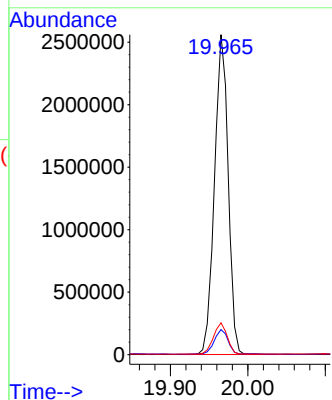
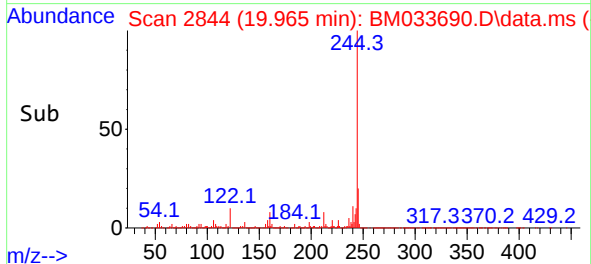
Instrument :
 BNA_M
 ClientSampleId :
 OB-CS-14



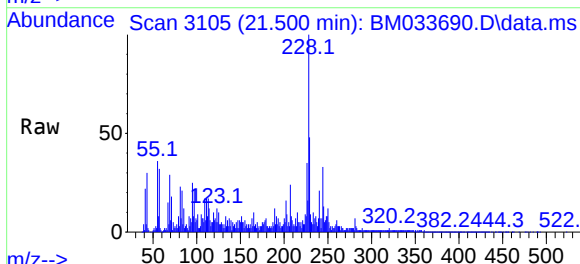
Tgt Ion:244 Resp: 313363
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 9.9 8.4 12.6

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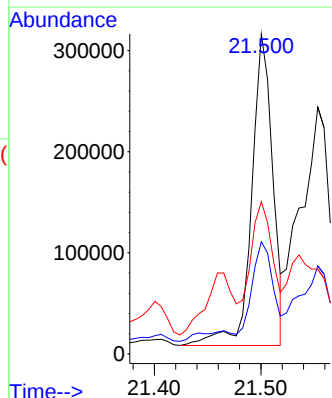
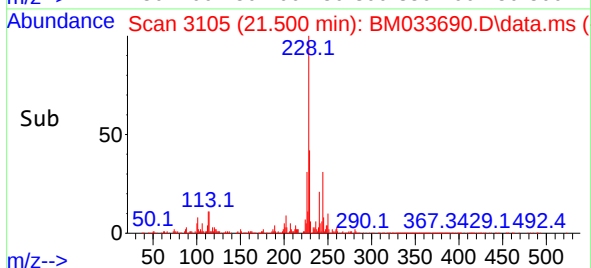
Reviewed By :Christian Giraldo 01/11/2022
 Supervised By :Jagrut Upadhyay 01/11/2022

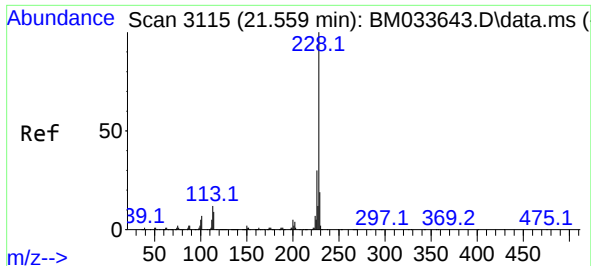


#81
 Benzo(a)anthracene
 Concen: 9.928 ng
 RT: 21.500 min Scan# 3105
 Delta R.T. -0.006 min
 Lab File: BM033690.D
 Acq: 10 Jan 2022 17:16



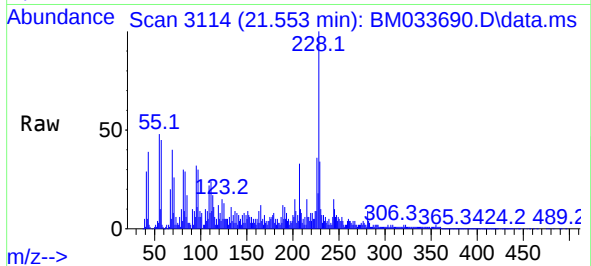
Tgt Ion:228 Resp: 424675
 Ion Ratio Lower Upper
 228 100
 226 35.0 21.0 31.6#
 229 47.6 15.5 23.3#





#83
Chrysene
Concen: 11.462 ng m
RT: 21.553 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

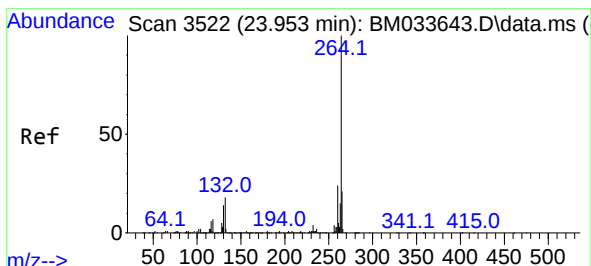
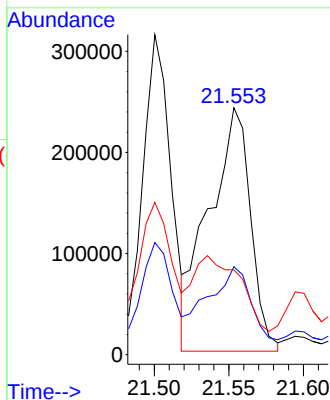
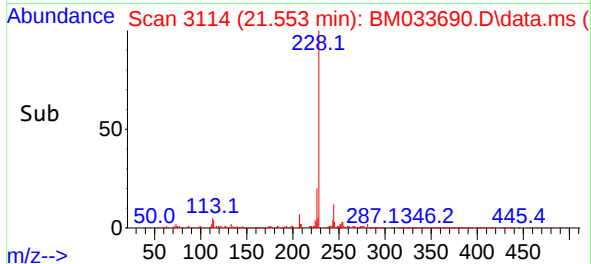
Instrument :
BNA_M
ClientSampleId :
OB-CS-14



Tgt Ion:228 Resp: 469180
Ion Ratio Lower Upper
228 100
226 35.6 23.8 35.8
229 34.4 15.8 23.8

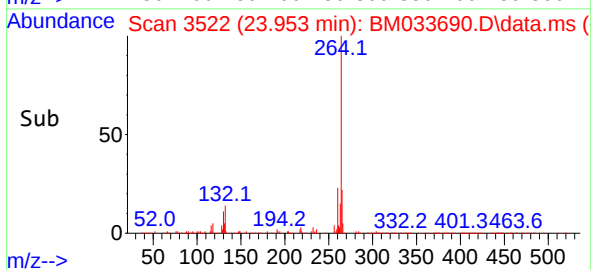
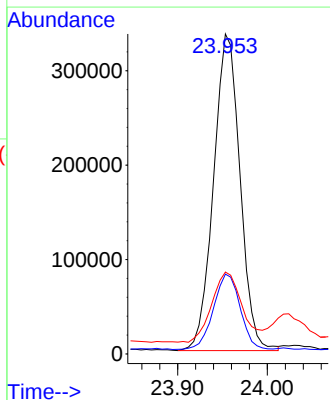
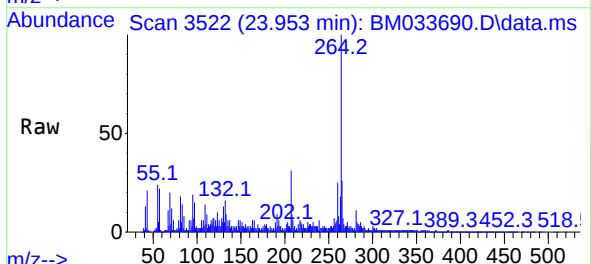
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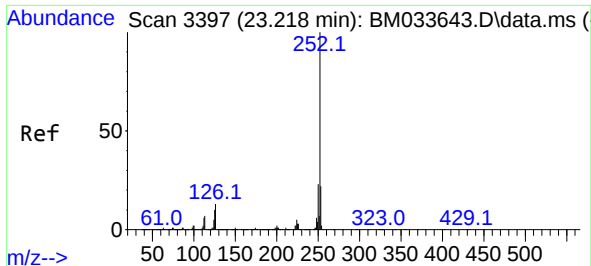
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.953 min Scan# 3522
Delta R.T. -0.000 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

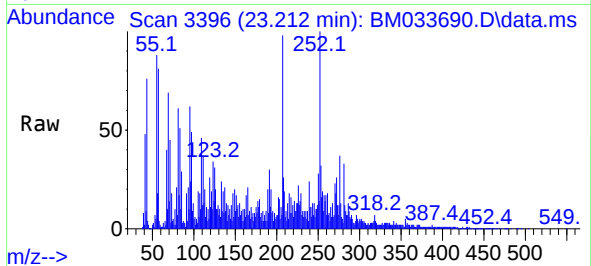
Tgt Ion:264 Resp: 687789
Ion Ratio Lower Upper
264 100
260 24.9 17.7 26.5
265 25.6 17.7 26.5





#88
Benzo(b)fluoranthene
Concen: 5.238 ng
RT: 23.212 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

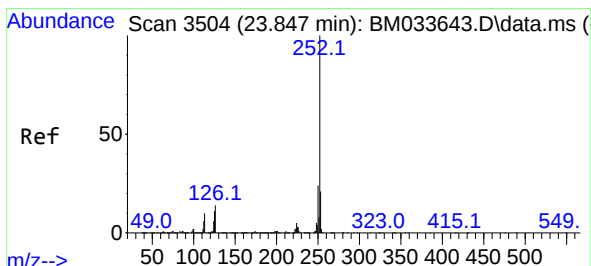
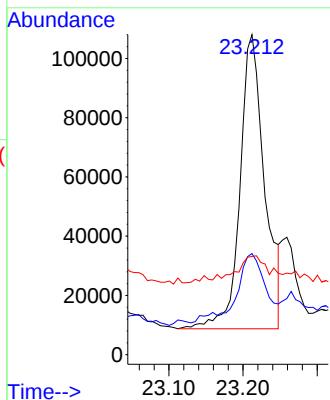
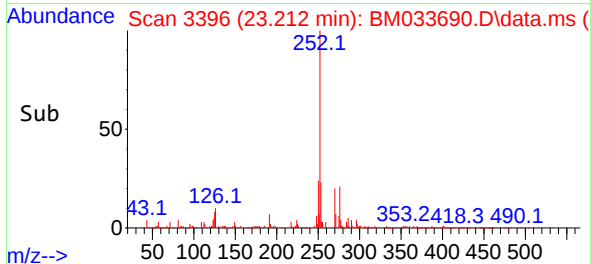
Instrument :
BNA_M
ClientSampleId :
OB-CS-14



Tgt Ion:252 Resp: 22969
Ion Ratio Lower Upper
252 100
253 31.6 17.1 25.7
125 30.7 7.4 11.2

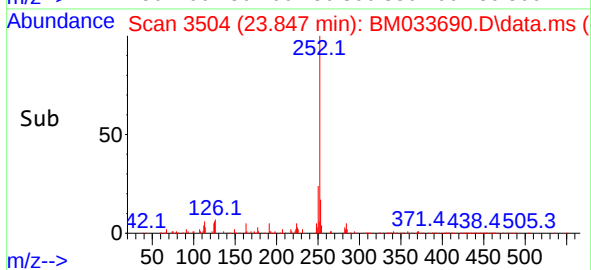
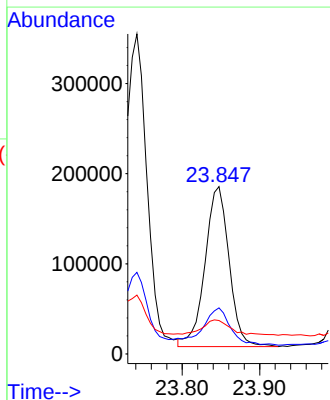
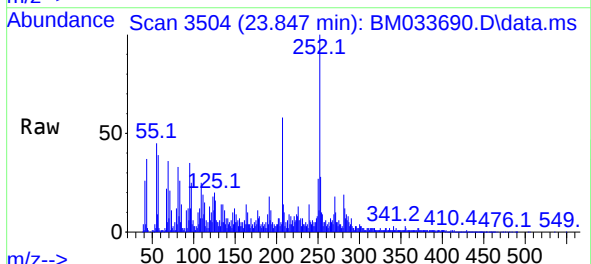
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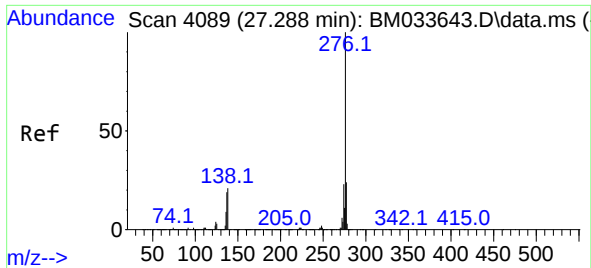
Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022



#90
Benzo(a)pyrene
Concen: 10.542 ng
RT: 23.847 min Scan# 3504
Delta R.T. -0.000 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

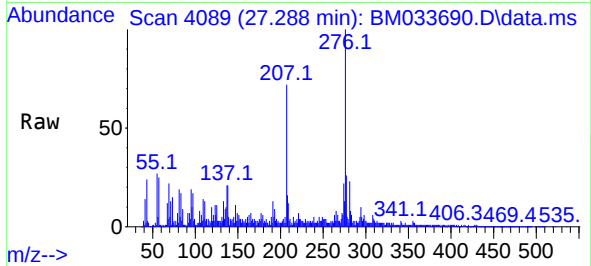
Tgt Ion:252 Resp: 383681
Ion Ratio Lower Upper
252 100
253 27.5 17.5 26.3#
125 20.0 7.8 11.8#





#92
 Benzo(g,h,i)perylene
 Concen: 11.620 ng
 RT: 27.288 min Scan# 4089
 Delta R.T. -0.000 min
 Lab File: BM033690.D
 Acq: 10 Jan 2022 17:16

Instrument :
 BNA_M
 ClientSampleId :
 OB-CS-14



Tgt Ion: 276 Resp: 48130

Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.1	28.7
138	21.0	14.8	22.2

Manual Integrations
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Reviewed By : Christian Giraldo 01/11/2022
 Supervised By : Jagrut Upadhyay 01/11/2022

