

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
 Data File : BM034518.D
 Acq On : 06 Apr 2022 16:12
 Operator : CG/JU
 Sample : PB143886BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS886

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/07/2022
 Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 07 14:59:31 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 07 12:11:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	1678	0.400	ng/ul	0.01
4) Naphthalene-d8	10.752	136	5886	0.400	ng/ul	# 0.02
9) Acenaphthene-d10	14.564	164	3202m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.316	188	3869	0.400	ng/ul	0.00
17) Chrysene-d12	21.498	240	3454	0.400	ng/ul	# 0.00
23) Perylene-d12	23.901	264	2894	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	2222	0.791	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	2523	0.326	ng/ul	0.02
18) Fluoranthene-d10	19.338	212	4078	0.402	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.326	88	5779	2.062	ng/ul#	81
5) Naphthalene	10.796	128	5349	0.291	ng/ul	95
7) 2-Methylnaphthalene	12.423	142	2974	0.296	ng/ul	98
8) 1-Methylnaphthalene	12.621	142	3118	0.309	ng/ul	98
10) Acenaphthylene	14.287	152	5125	0.346	ng/ul	94
11) Acenaphthene	14.624	153	3750	0.313	ng/ul	97
12) Fluorene	15.624	166	3562	0.288	ng/ul	99
14) Pentachlorophenol	16.982	266	1013	0.618	ng/ul	99
15) Phenanthrene	17.358	178	4541	0.361	ng/ul	97
16) Anthracene	17.472	178	2911	0.305	ng/ul	97
19) Fluoranthene	19.371	202	5452	0.376	ng/ul#	94
20) Pyrene	19.729	202	6697	0.395	ng/ul#	92
21) Benzo(a)anthracene	21.489	228	2287m	0.304	ng/ul	
22) Chrysene	21.533	228	3045	0.343	ng/ul	98
24) Benzo(b)fluoranthene	23.164	252	3265m	0.345	ng/ul	
25) Benzo(k)fluoranthene	23.213	252	4217m	0.499	ng/ul	
26) Benzo(a)pyrene	23.795	252	4397	0.398	ng/ul#	58
27) Indeno(1,2,3-cd)pyrene	26.414	276	4920	0.370	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.468	278	3615	0.373	ng/ul#	52
29) Benzo(g,h,i)perylene	27.169	276	5812	0.403	ng/ul#	92

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

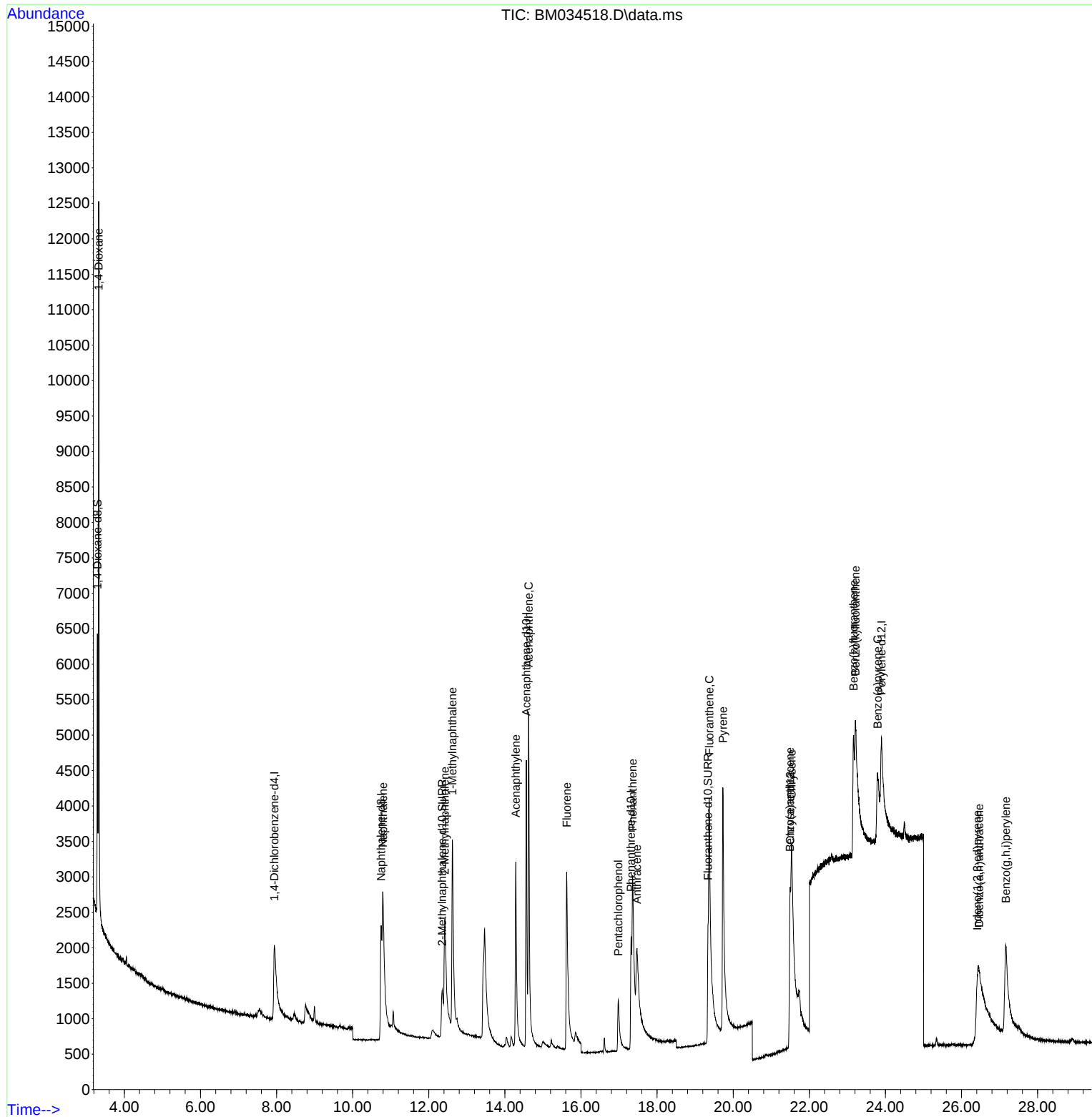
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040622\
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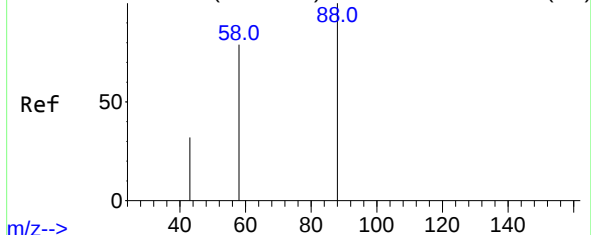
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Supervised By :Yogesh Patel 04/09/2022

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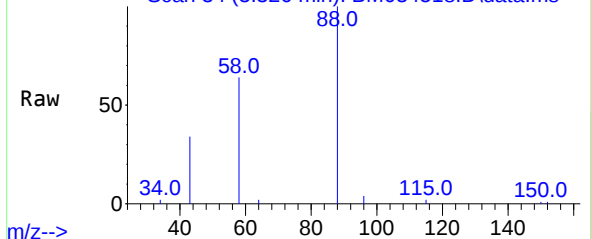
Abundance Scan 35 (3.330 min): BM034512.D\data.ms (-29)



#2
1,4-Dioxane
Concen: 2.062 ng/ul
RT: 3.326 min Scan# 34
Delta R.T. -0.004 min
Lab File: BM034518.D
Acq: 06 Apr 2022 16:12

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BNA_M
ClientSampleId :
SLCS886

m/z--> Abundance Scan 34 (3.326 min): BM034518.D\data.ms

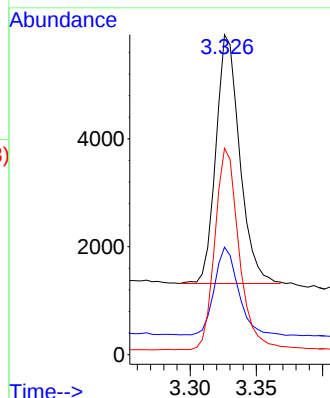
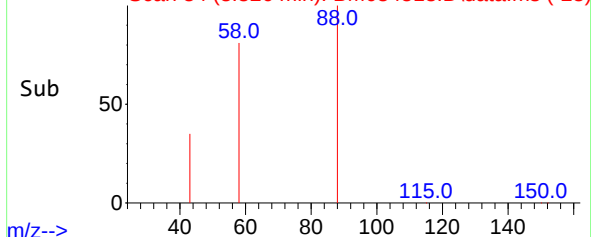


Tgt Ion: 88 Resp: 5779
Ion Ratio Lower Upper
88 100
43 33.6 49.7 74.5
58 64.5 52.5 78.7

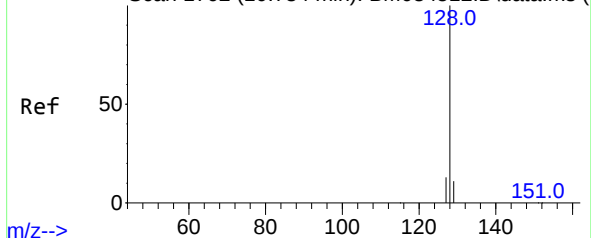
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Abundance Scan 34 (3.326 min): BM034518.D\data.ms (-23)



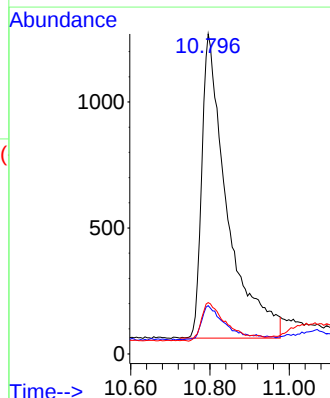
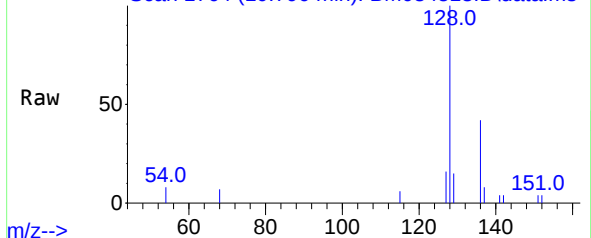
Abundance Scan 1762 (10.784 min): BM034512.D\data.ms (-23)



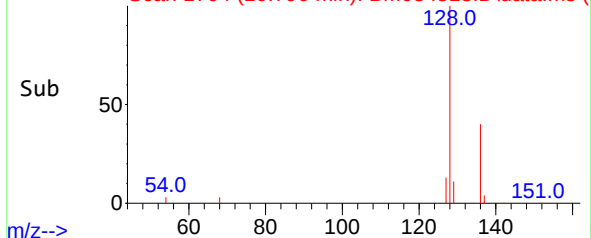
#5
Naphthalene
Concen: 0.291 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. 0.011 min
Lab File: BM034518.D
Acq: 06 Apr 2022 16:12

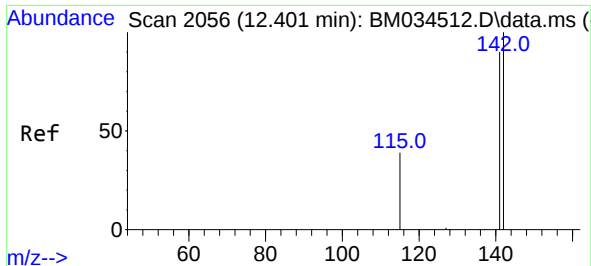
Tgt Ion:128 Resp: 5349
Ion Ratio Lower Upper
128 100
129 15.1 13.4 20.2
127 16.1 15.2 22.8

m/z--> Abundance Scan 1764 (10.796 min): BM034518.D\data.ms



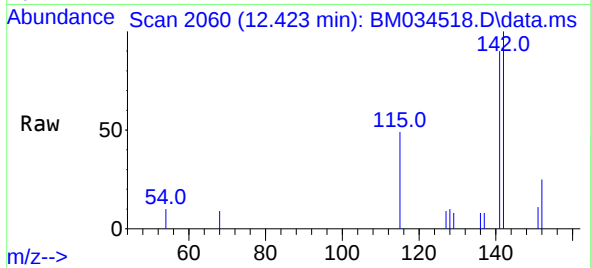
Abundance Scan 1764 (10.796 min): BM034518.D\data.ms (-23)





#7
2-Methylnaphthalene
Concen: 0.296 ng/ul
RT: 12.423 min Scan# 2056
Delta R.T. 0.016 min
Lab File: BM034518.D
Acq: 06 Apr 2022 16:12

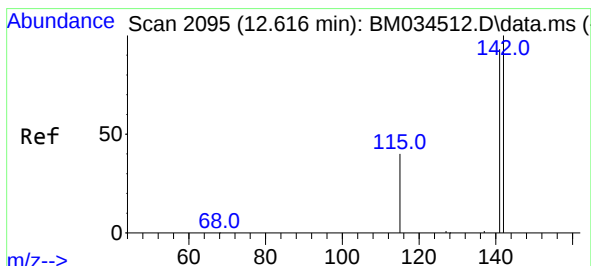
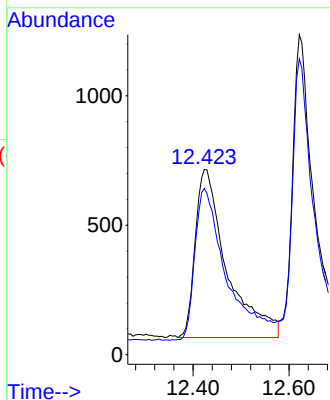
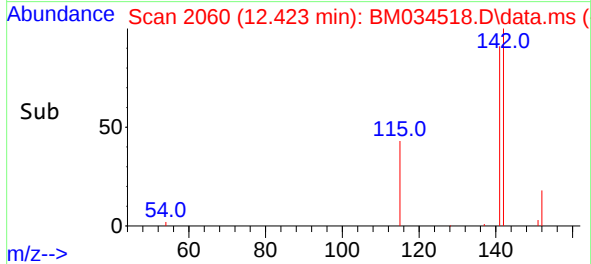
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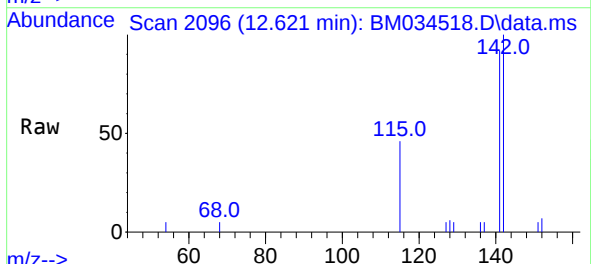
Tgt Ion:142 Resp: 2974
Ion Ratio Lower Upper
142 100
141 91.6 71.8 107.6

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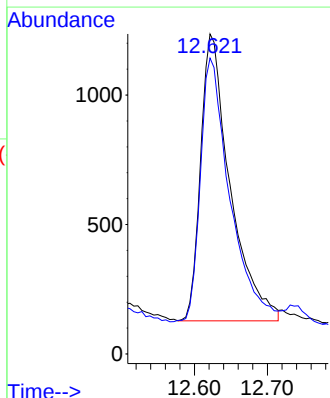
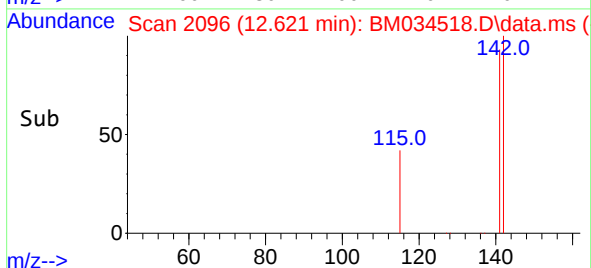
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

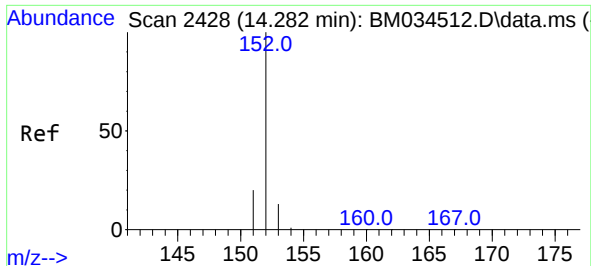


#8
1-Methylnaphthalene
Concen: 0.309 ng/ul
RT: 12.621 min Scan# 2096
Delta R.T. 0.005 min
Lab File: BM034518.D
Acq: 06 Apr 2022 16:12



Tgt Ion:142 Resp: 3118
Ion Ratio Lower Upper
142 100
141 92.1 75.0 112.4





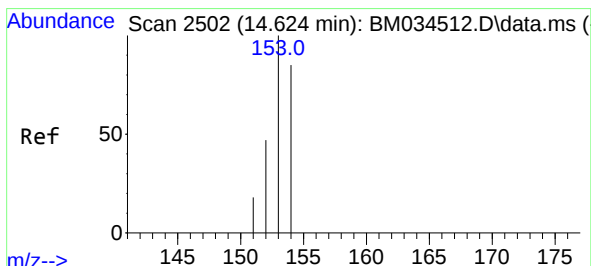
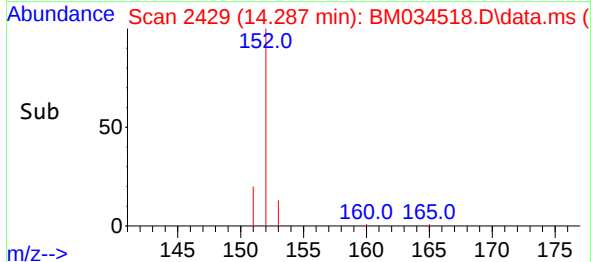
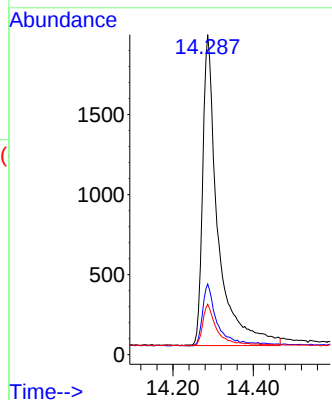
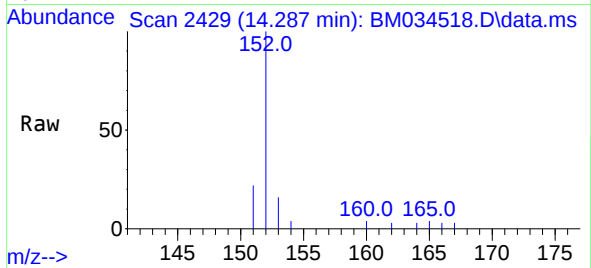
#10
Acenaphthylene
Concen: 0.346 ng/ul
RT: 14.287 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BM034518.D
Acq: 06 Apr 2022 16:12

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Tgt Ion:152 Resp: 512
Ion Ratio Lower Upper
152 100
151 22.1 19.9 29.9
153 15.8 15.0 22.4

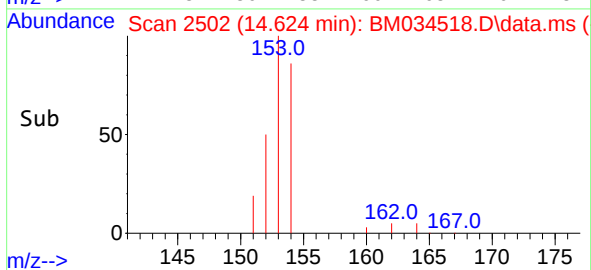
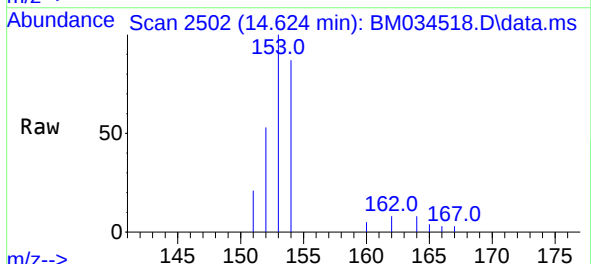
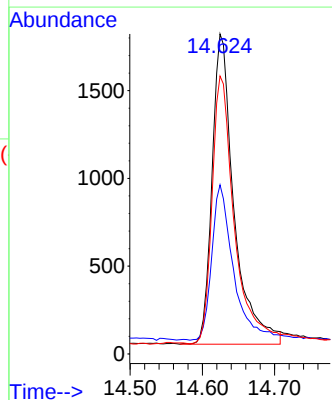
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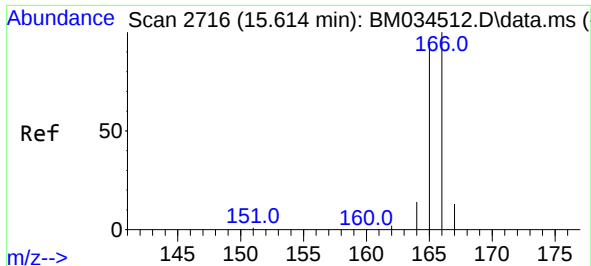
Reviewed By :Jagrut Upadhyay 04/07/2022
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#11
Acenaphthene
Concen: 0.313 ng/ul
RT: 14.624 min Scan# 2502
Delta R.T. -0.000 min
Lab File: BM034518.D
Acq: 06 Apr 2022 16:12

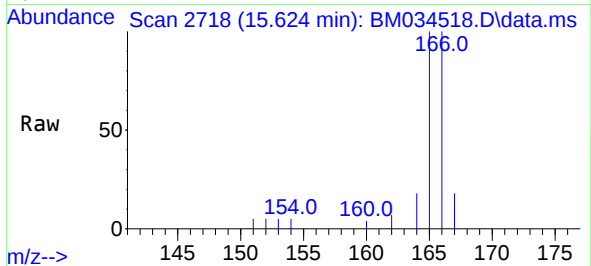
Tgt Ion:153 Resp: 3750
Ion Ratio Lower Upper
153 100
152 52.8 42.4 63.6
154 86.8 66.2 99.2





#12
Fluorene
Concen: 0.288 ng/ul
RT: 15.624 min Scan# 2716
Delta R.T. 0.005 min
Lab File: BM034518.D
Acq: 06 Apr 2022 16:12

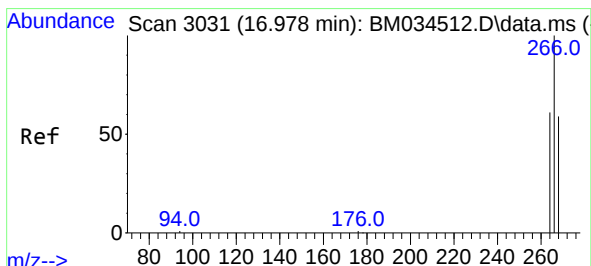
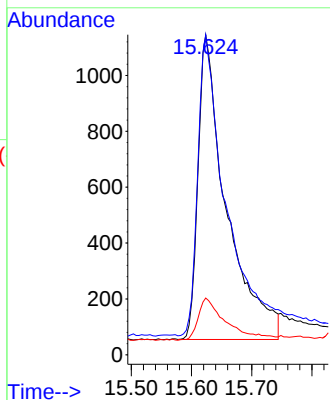
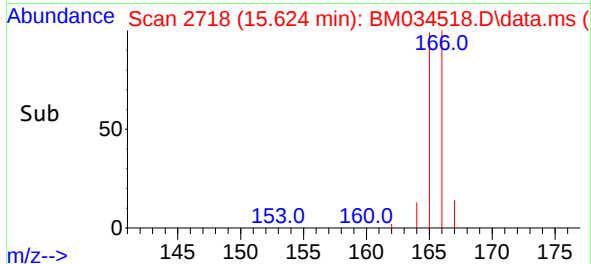
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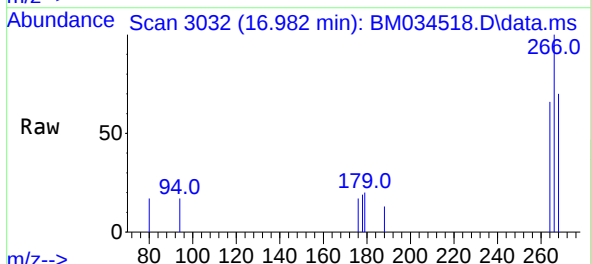
Tgt Ion:166 Resp: 356
Ion Ratio Lower Upper
166 100
165 100.2 81.1 121.7
167 17.7 14.9 22.3

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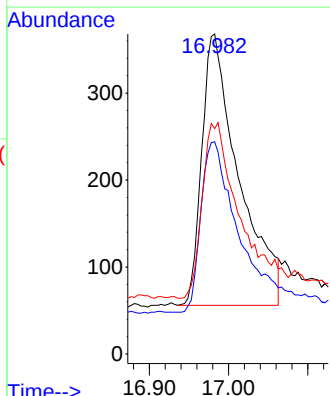
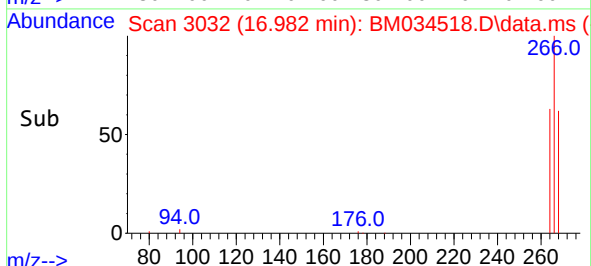
Reviewed By :Jagrut Upadhyay 04/07/2022
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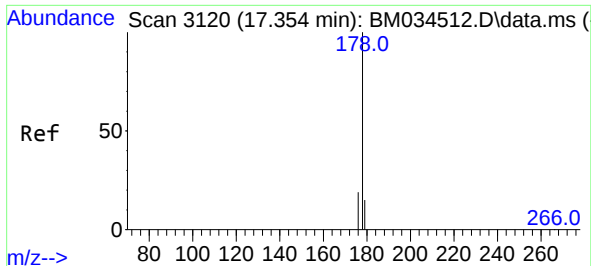


#14
Pentachlorophenol
Concen: 0.618 ng/ul
RT: 16.982 min Scan# 3032
Delta R.T. 0.008 min
Lab File: BM034518.D
Acq: 06 Apr 2022 16:12



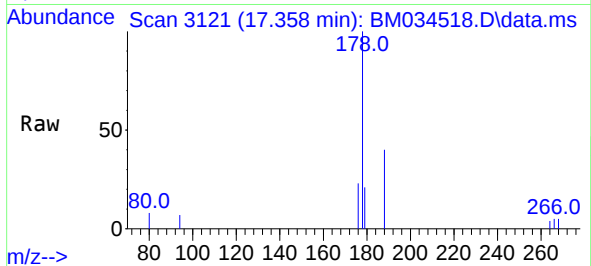
Tgt Ion:266 Resp: 1013
Ion Ratio Lower Upper
266 100
264 63.6 51.4 77.0
268 65.5 53.1 79.7





#15
Phenanthrene
Concen: 0.361 ng/u1
RT: 17.358 min Scan# 3120
Delta R.T. 0.004 min
Lab File: BM034518.D
Acq: 06 Apr 2022 16:12

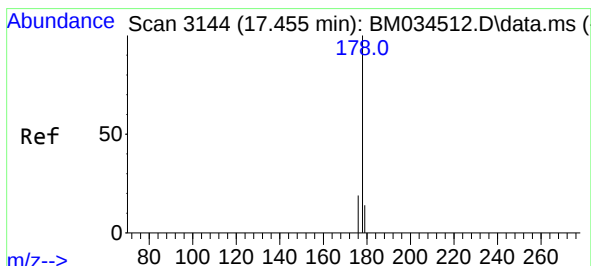
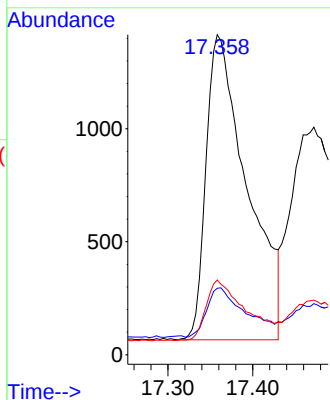
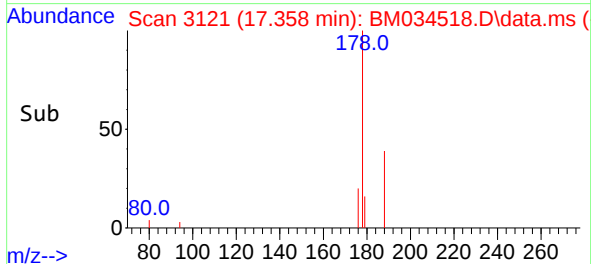
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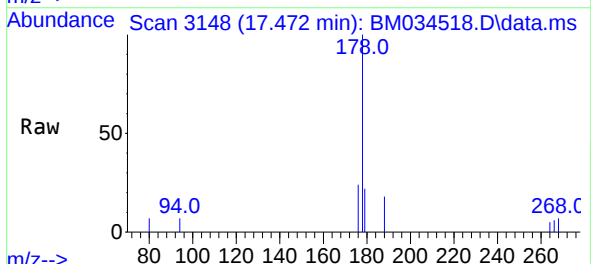
Tgt Ion:178 Resp: 454
Ion Ratio Lower Upper
178 100
179 20.8 15.0 22.6
176 23.4 17.9 26.9

Manual Integrations
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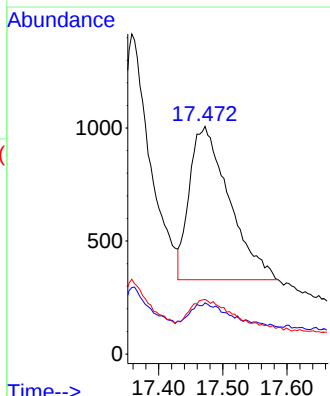
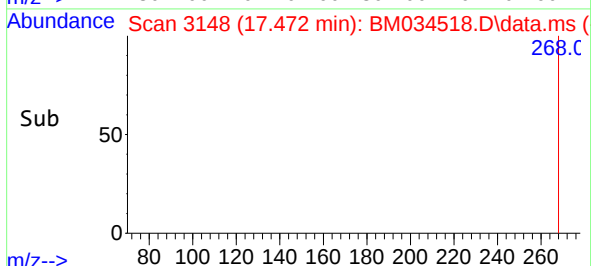
Reviewed By :Jagrut Upadhyay 04/07/2022
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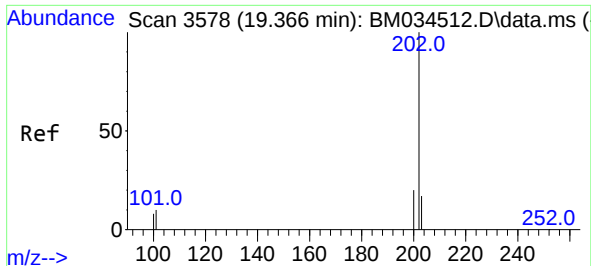


#16
Anthracene
Concen: 0.305 ng/u1
RT: 17.472 min Scan# 3148
Delta R.T. 0.021 min
Lab File: BM034518.D
Acq: 06 Apr 2022 16:12



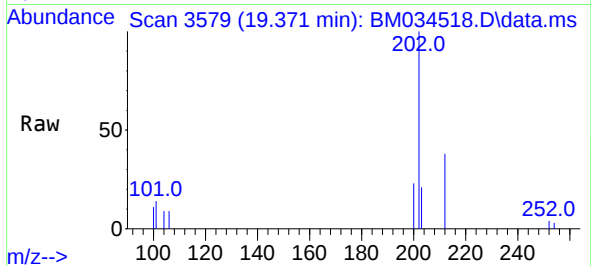
Tgt Ion:178 Resp: 2911
Ion Ratio Lower Upper
178 100
179 22.4 16.5 24.7
176 24.0 18.3 27.5





#19
Fluoranthene
Concen: 0.376 ng/u1
RT: 19.371 min Scan# 3579
Delta R.T. 0.005 min
Lab File: BM034518.D
Acq: 06 Apr 2022 16:12

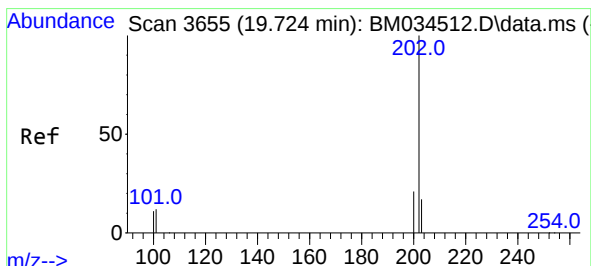
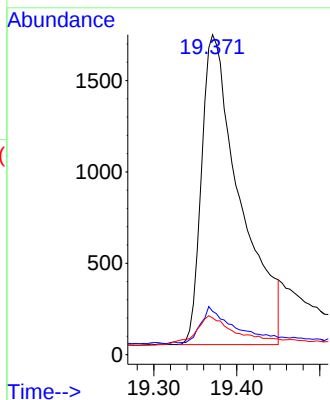
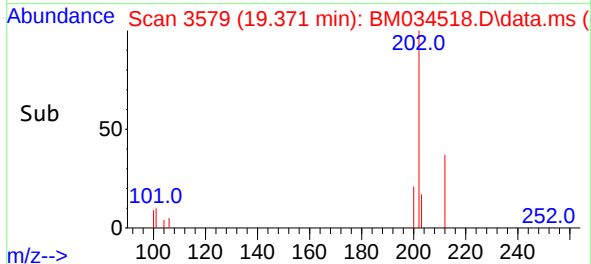
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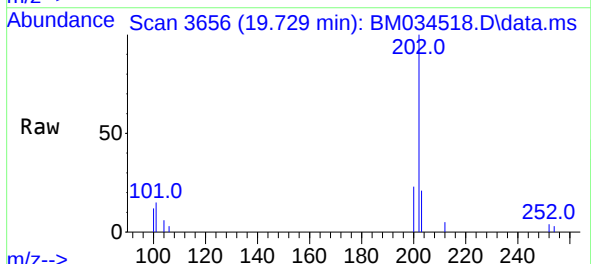
Tgt Ion:202 Resp: 545
Ion Ratio Lower Upper
202 100
101 13.5 9.2 13.8
100 11.5 7.2 10.8

Manual Integrations
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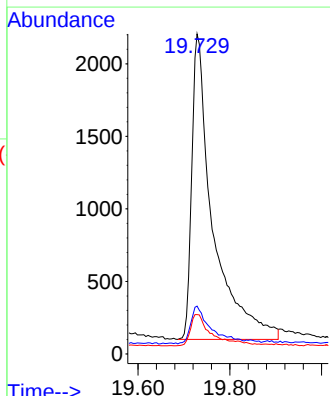
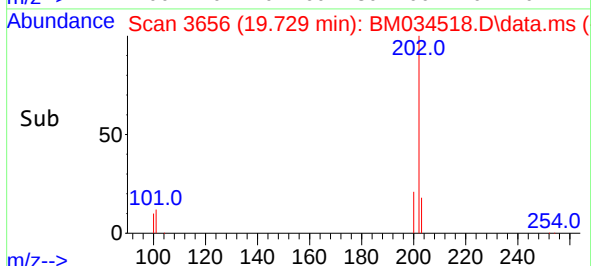
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

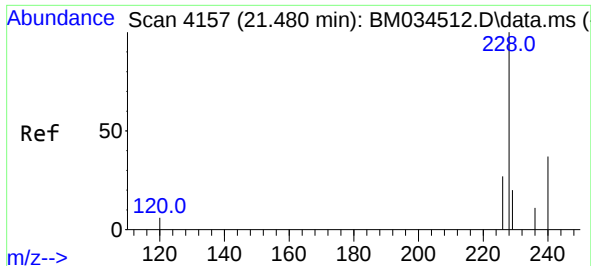


#20
Pyrene
Concen: 0.395 ng/u1
RT: 19.729 min Scan# 3656
Delta R.T. 0.005 min
Lab File: BM034518.D
Acq: 06 Apr 2022 16:12



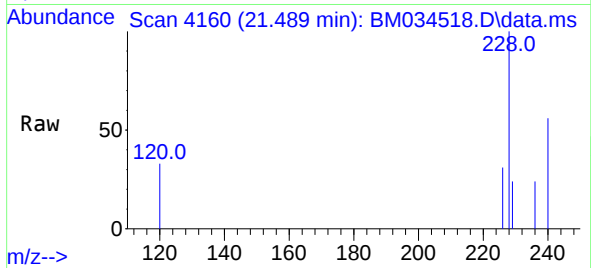
Tgt Ion:202 Resp: 6697
Ion Ratio Lower Upper
202 100
101 15.0 9.3 13.9#
100 12.3 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.304 ng/ul m
RT: 21.489 min Scan# 4157
Delta R.T. 0.009 min
Lab File: BM034518.D
Acq: 06 Apr 2022 16:12

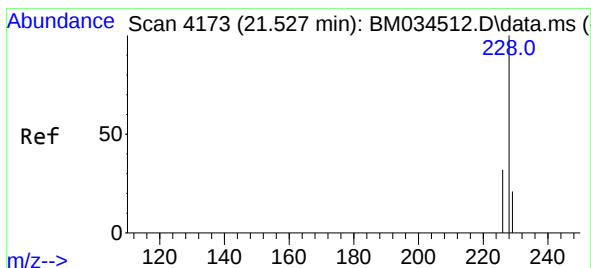
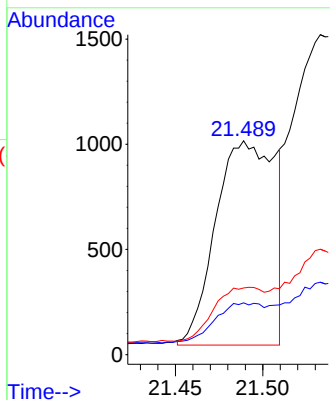
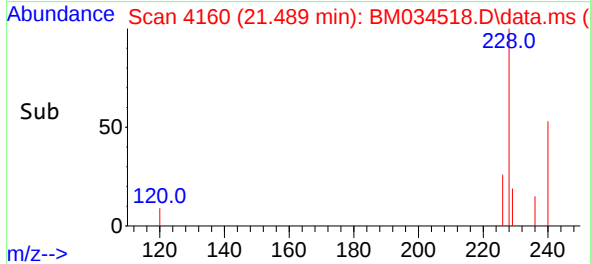
Instrument :
BNA_M
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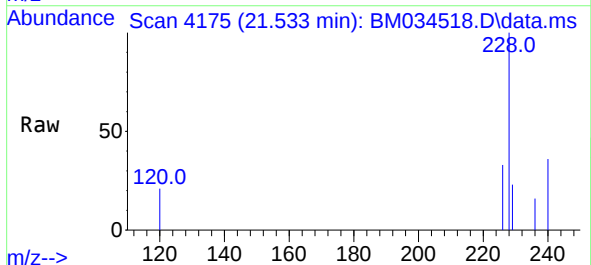
Tgt Ion:228 Resp: 228
Ion Ratio Lower Upper
228 100
229 24.2 17.3 25.9
226 31.2 23.2 34.8

Manual Integrations
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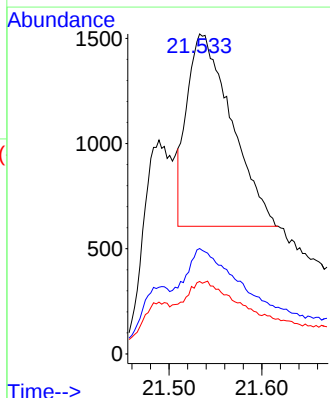
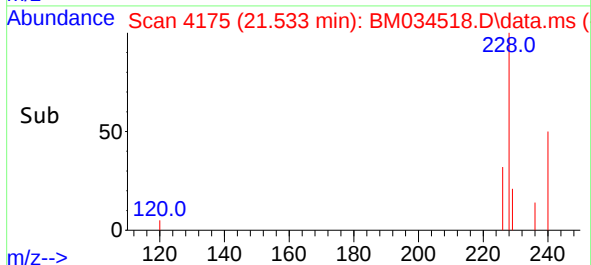
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

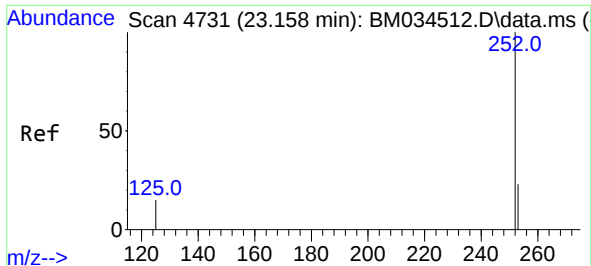


#22
Chrysene
Concen: 0.343 ng/ul
RT: 21.533 min Scan# 4175
Delta R.T. 0.006 min
Lab File: BM034518.D
Acq: 06 Apr 2022 16:12



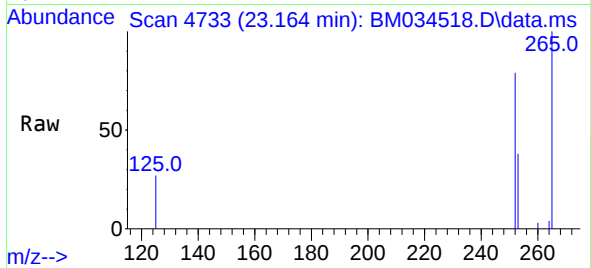
Tgt Ion:228 Resp: 3045
Ion Ratio Lower Upper
228 100
226 32.9 25.8 38.8
229 22.6 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.345 ng/ul m
RT: 23.164 min Scan# 4733
Delta R.T. 0.003 min
Lab File: BM034518.D
Acq: 06 Apr 2022 16:12

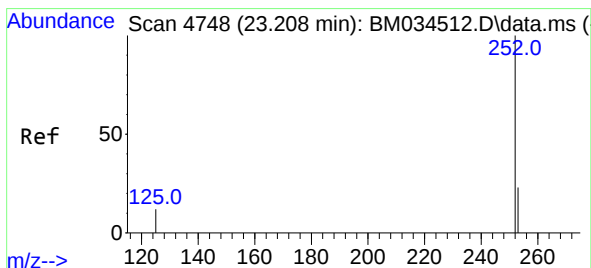
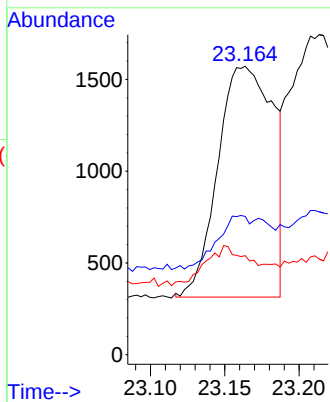
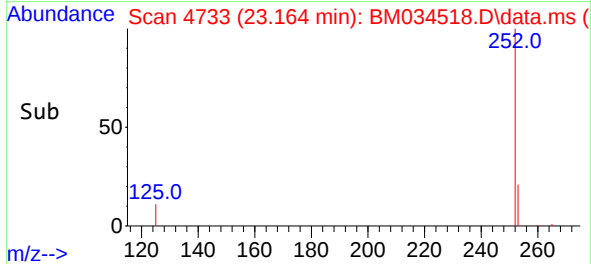
Instrument :
BNA_M
ClientSampleId :
SLCS886



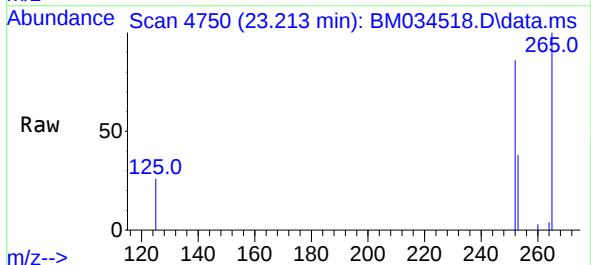
Tgt Ion:252 Resp: 326
Ion Ratio Lower Upper
252 100
253 48.0 0.0 64.2
125 34.4 0.0 28.8

Manual Integrations
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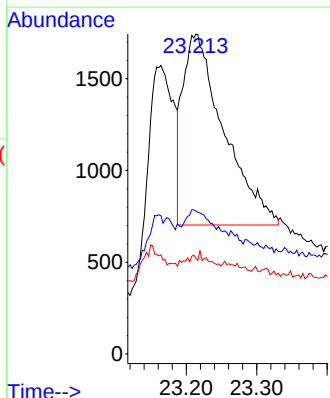
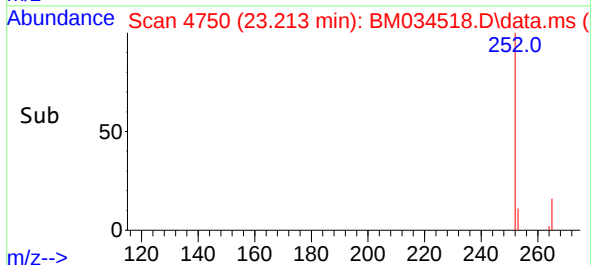
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022

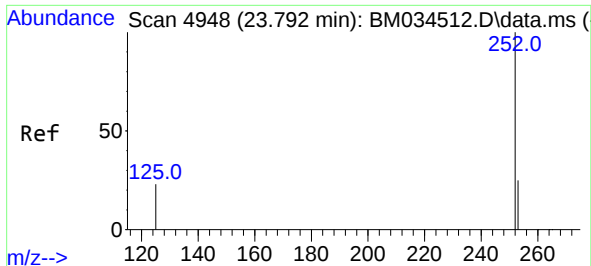


#25
Benzo(k)fluoranthene
Concen: 0.499 ng/ul m
RT: 23.213 min Scan# 4750
Delta R.T. 0.002 min
Lab File: BM034518.D
Acq: 06 Apr 2022 16:12



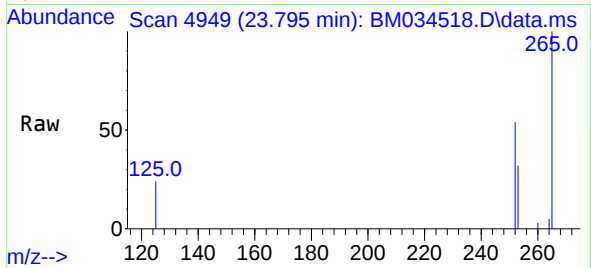
Tgt Ion:252 Resp: 4217
Ion Ratio Lower Upper
252 100
253 44.7 26.8 40.2#
125 29.9 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.398 ng/ul
RT: 23.795 min Scan# 4948
Delta R.T. -0.000 min
Lab File: BM034518.D
Acq: 06 Apr 2022 16:12

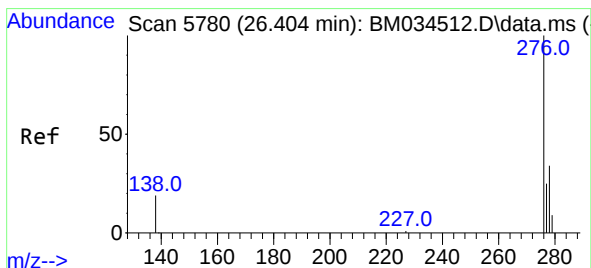
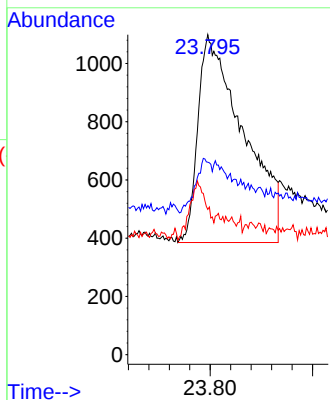
Instrument :
BNA_M
ClientSampleId :
SLCS886



Tgt Ion:252 Resp: 439
Ion Ratio Lower Upper
252 100
253 60.1 32.0 48.0
125 45.4 14.5 21.7

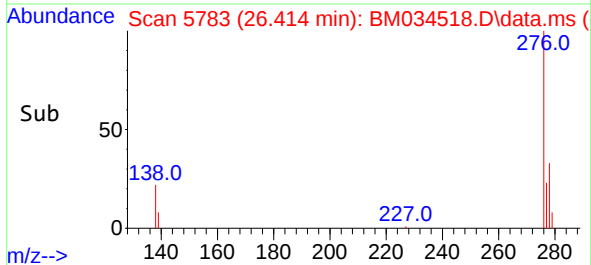
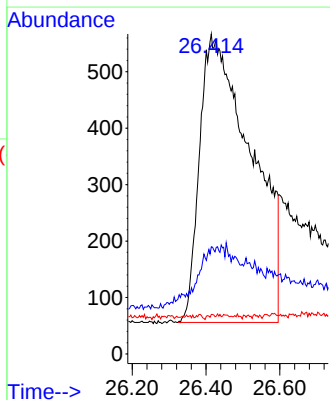
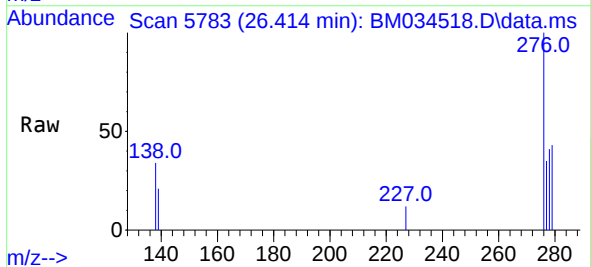
Manual Integrations
APPROVED

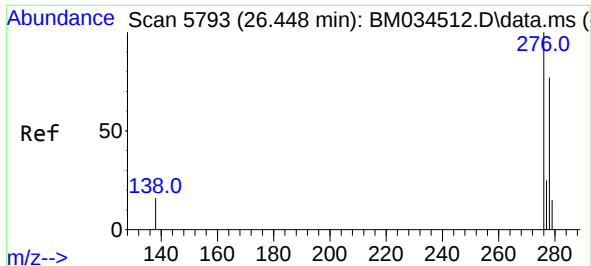
Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.370 ng/ul
RT: 26.414 min Scan# 5783
Delta R.T. 0.003 min
Lab File: BM034518.D
Acq: 06 Apr 2022 16:12

Tgt Ion:276 Resp: 4920
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.6#
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.373 ng/ul

RT: 26.468 min Scan# 51

Delta R.T. 0.007 min

Lab File: BM034518.D

Acq: 06 Apr 2022 16:12

Instrument :

BNA_M

ClientSampleId :

SLCS886

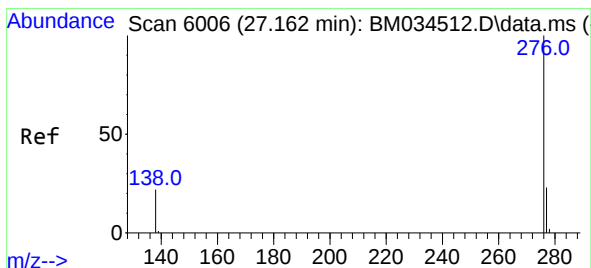
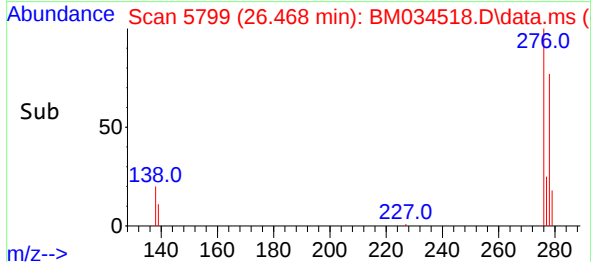
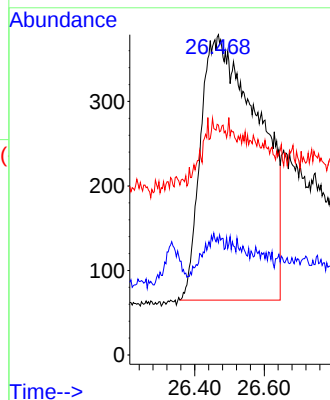
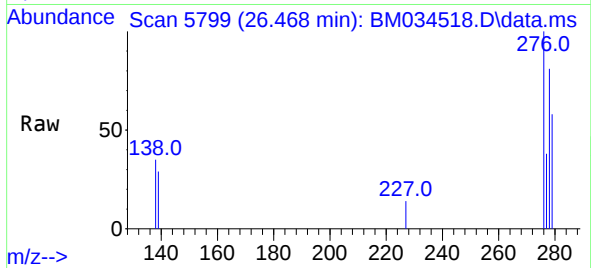
Tgt Ion:278 Resp: 361

Ion	Ratio	Lower	Upper
278	100		
139	35.1	18.0	27.0
279	71.8	28.6	42.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/07/2022
Supervised By :Yogesh Patel 04/09/2022



#29

Benzo(g,h,i)perylene

Concen: 0.403 ng/ul

RT: 27.169 min Scan# 6008

Delta R.T. -0.000 min

Lab File: BM034518.D

Acq: 06 Apr 2022 16:12

Tgt Ion:276 Resp: 5812

Ion	Ratio	Lower	Upper
276	100		
138	27.5	17.4	26.0
277	30.6	22.6	33.8

