

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
 Data File : BM034467.D
 Acq On : 31 Mar 2022 07:36
 Operator : CG/JU
 Sample : PB143670BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS670

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/31/2022
 Supervised By :Yogesh Patel 04/02/2022

Quant Time: Mar 31 08:16:01 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 18:27:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	2119	0.400	ng/ul	0.01
4) Naphthalene-d8	10.757	136	7084	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.569	164	3088	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.329	188	4687	0.400	ng/ul	0.00
17) Chrysene-d12	21.501	240	4554	0.400	ng/ul	# 0.00
23) Perylene-d12	23.901	264	4846	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	2583	0.819	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	2890	0.303	ng/ul	0.02
18) Fluoranthene-d10	19.343	212	5556	0.391	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.338	88	7772	2.232	ng/ul#	81
5) Naphthalene	10.807	128	6586	0.321	ng/ul	94
7) 2-Methylnaphthalene	12.440	142	3581	0.285	ng/ul	96
8) 1-Methylnaphthalene	12.632	142	3626	0.289	ng/ul	99
10) Acenaphthylene	14.296	152	6025	0.405	ng/ul#	93
11) Acenaphthene	14.634	153	4351	0.384	ng/ul	96
12) Fluorene	15.633	166	4273	0.354	ng/ul	99
14) Pentachlorophenol	16.991	266	1257	0.666	ng/ul	96
15) Phenanthrene	17.367	178	5900	0.394	ng/ul	99
16) Anthracene	17.472	178	4218	0.321	ng/ul	100
19) Fluoranthene	19.375	202	7523	0.366	ng/ul#	96
20) Pyrene	19.738	202	8987	0.396	ng/ul#	94
21) Benzo(a)anthracene	21.489	228	3880m	0.273	ng/ul	
22) Chrysene	21.539	228	6389m	0.392	ng/ul	
24) Benzo(b)fluoranthene	23.167	252	5448m	0.325	ng/ul	
25) Benzo(k)fluoranthene	23.216	252	5591m	0.345	ng/ul	
26) Benzo(a)pyrene	23.798	252	6990	0.402	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.431	276	8070	0.356	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.458	278	5758	0.339	ng/ul#	77
29) Benzo(g,h,i)perylene	27.176	276	8755	0.400	ng/ul	96

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

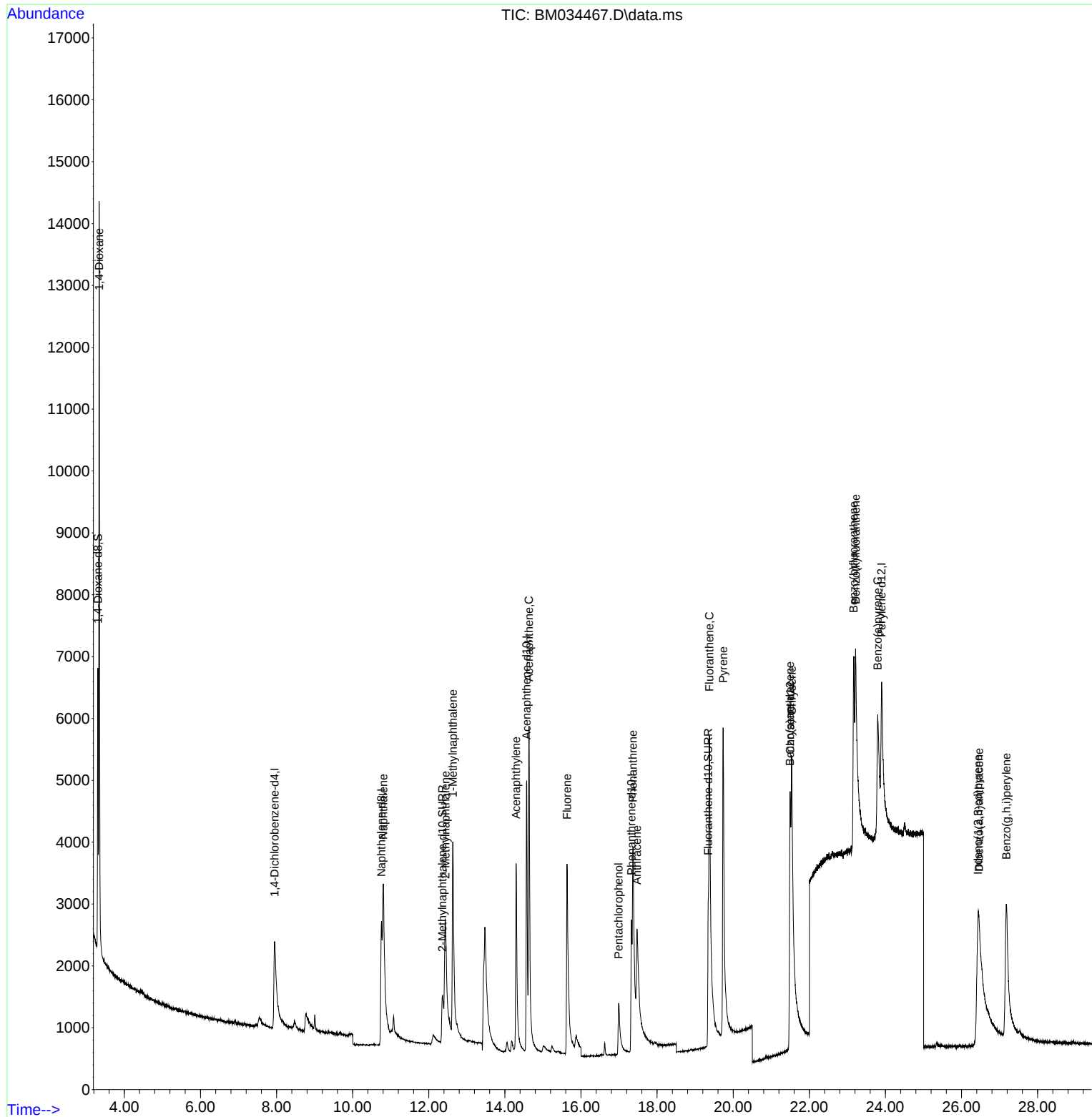
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
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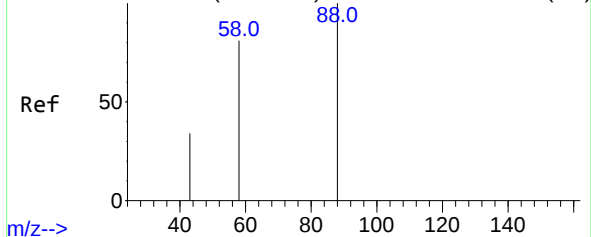
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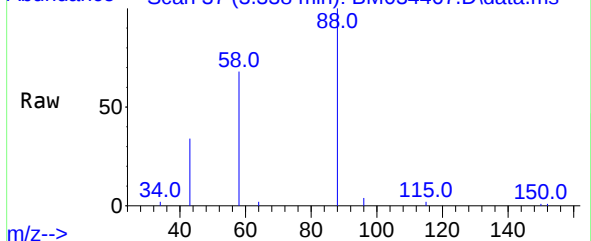
Abundance Scan 37 (3.338 min): BM034453.D\data.ms (-32)



#2
1,4-Dioxane
Concen: 2.232 ng/ul
RT: 3.338 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36

Instrument :
BNA_M
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SLCS670

m/z--> Abundance Scan 37 (3.338 min): BM034467.D\data.ms

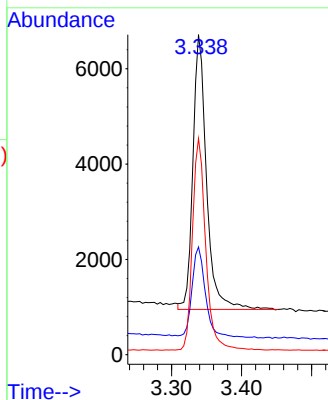
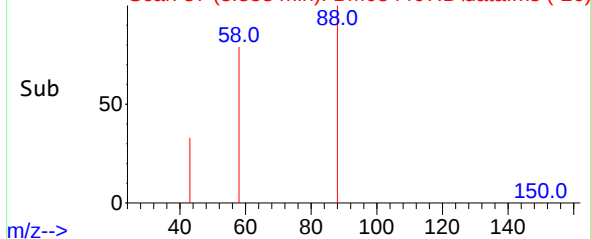


Tgt Ion: 88 Resp: 7772
Ion Ratio Lower Upper
88 100
43 33.7 49.7 74.5
58 67.6 52.5 78.7

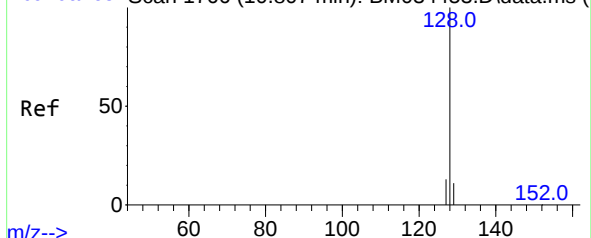
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Abundance Scan 37 (3.338 min): BM034467.D\data.ms (-26)



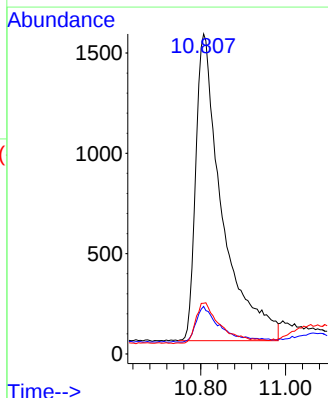
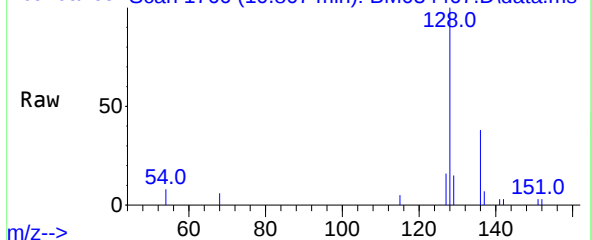
Abundance Scan 1766 (10.807 min): BM034453.D\data.ms (-)



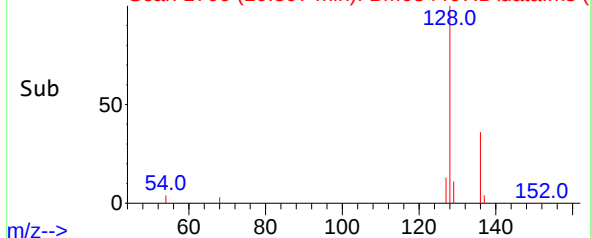
#5
Naphthalene
Concen: 0.321 ng/ul
RT: 10.807 min Scan# 1766
Delta R.T. 0.005 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36

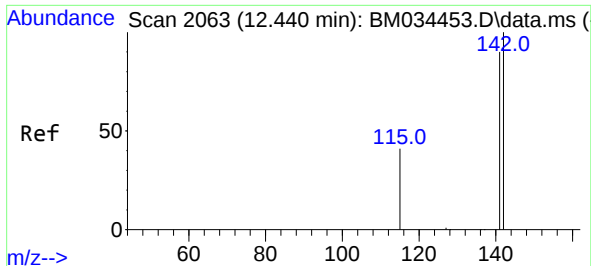
Tgt Ion:128 Resp: 6586
Ion Ratio Lower Upper
128 100
129 14.9 13.4 20.2
127 15.9 15.2 22.8

m/z--> Abundance Scan 1766 (10.807 min): BM034467.D\data.ms



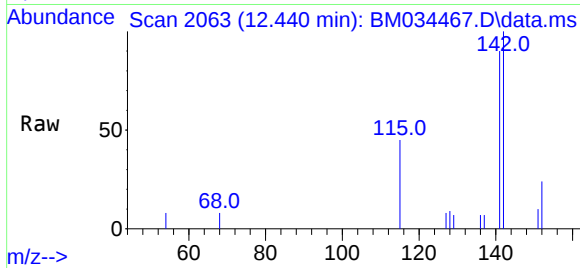
Abundance Scan 1766 (10.807 min): BM034467.D\data.ms (-)





#7
2-Methylnaphthalene
Concen: 0.285 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. 0.022 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36

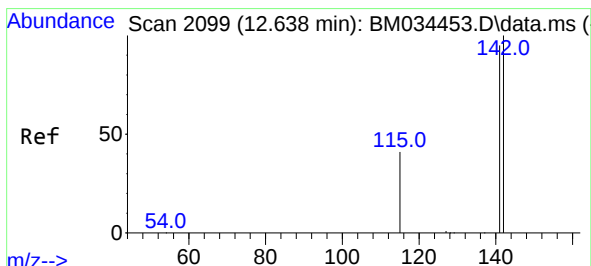
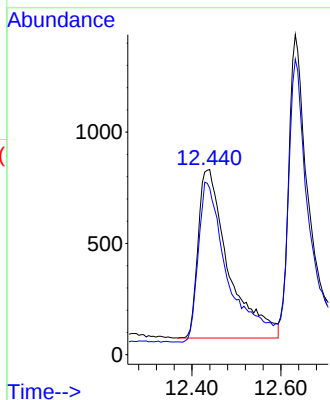
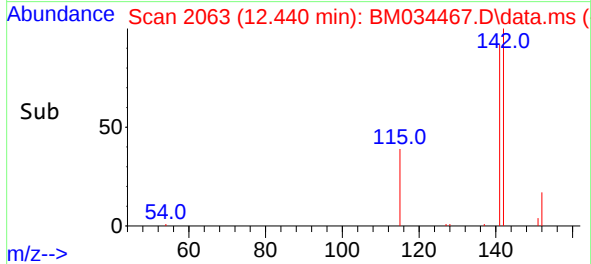
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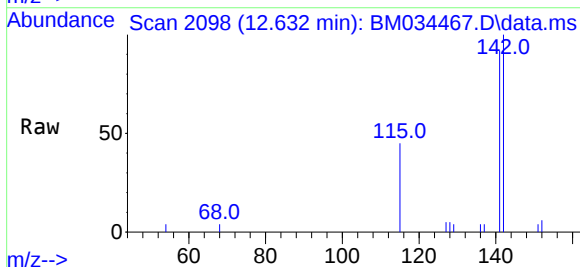
Tgt Ion:142 Resp: 358
Ion Ratio Lower Upper
142 100
141 93.8 71.8 107.6

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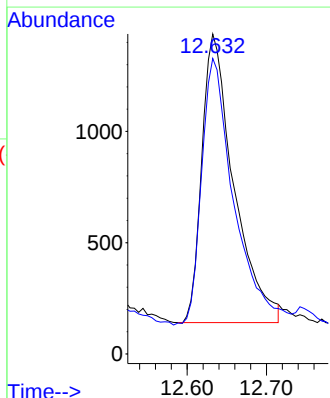
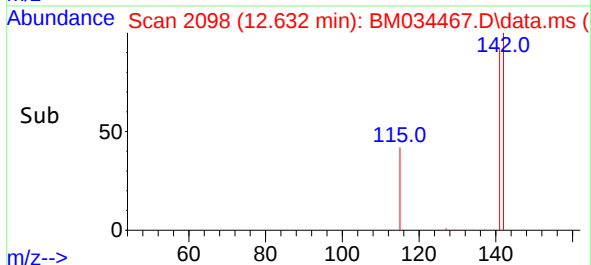
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

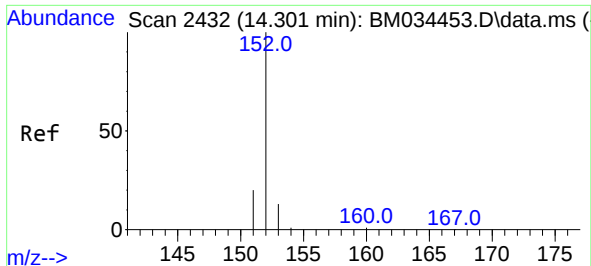


#8
1-Methylnaphthalene
Concen: 0.289 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36



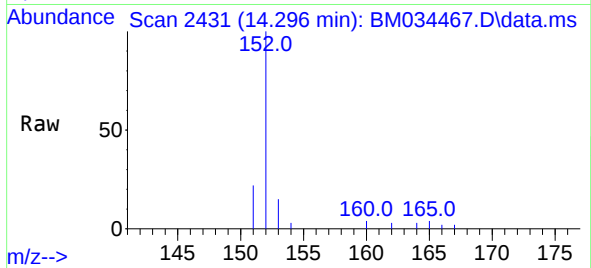
Tgt Ion:142 Resp: 3626
Ion Ratio Lower Upper
142 100
141 92.7 75.0 112.4





#10
Acenaphthylene
Concen: 0.405 ng/ul
RT: 14.296 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36

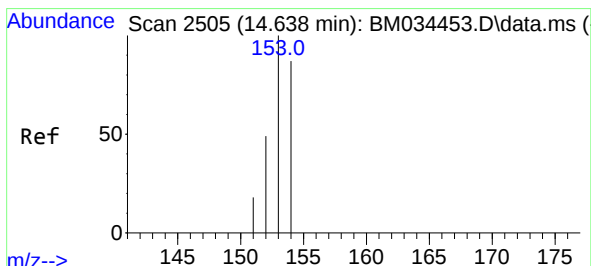
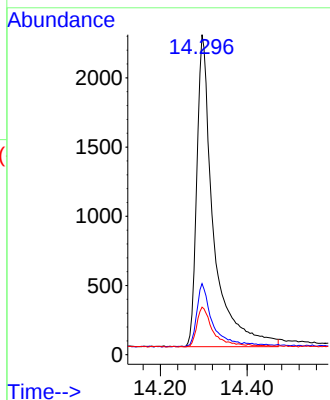
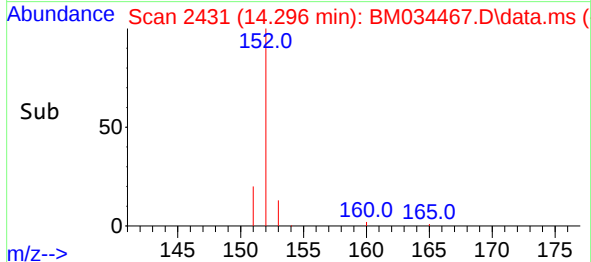
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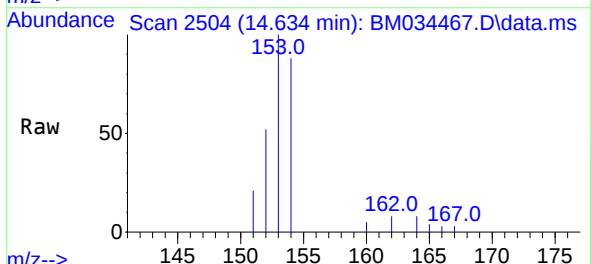
Tgt Ion:152 Resp: 602
Ion Ratio Lower Upper
152 100
151 22.2 19.9 29.9
153 14.9 15.0 22.4

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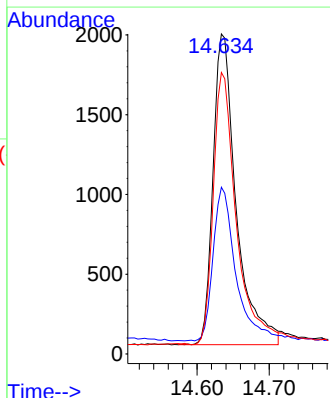
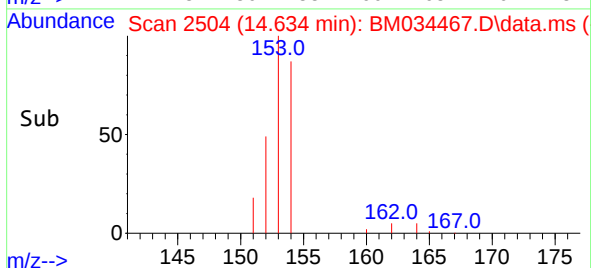
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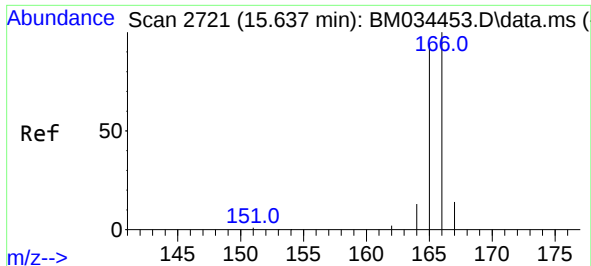


#11
Acenaphthene
Concen: 0.384 ng/ul
RT: 14.634 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36



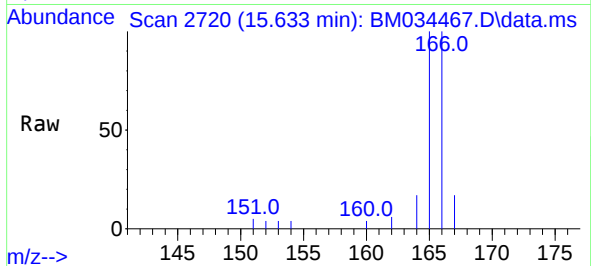
Tgt Ion:153 Resp: 4351
Ion Ratio Lower Upper
153 100
152 52.1 42.4 63.6
154 87.9 66.2 99.2





#12
Fluorene
Concen: 0.354 ng/ul
RT: 15.633 min Scan# 2721
Delta R.T. 0.005 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36

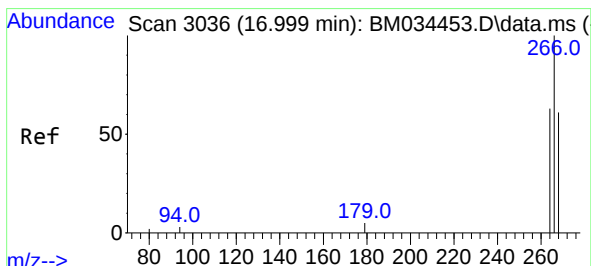
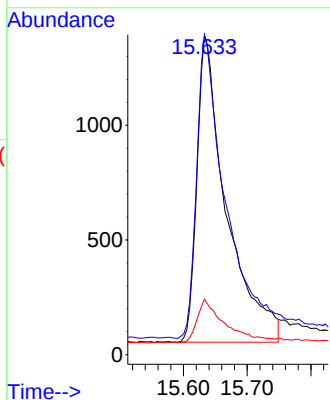
Instrument :
BNA_M
ClientSampleId :
SLCS670



Tgt Ion:166 Resp: 427
Ion Ratio Lower Upper
166 100
165 100.2 81.1 121.7
167 17.4 14.9 22.3

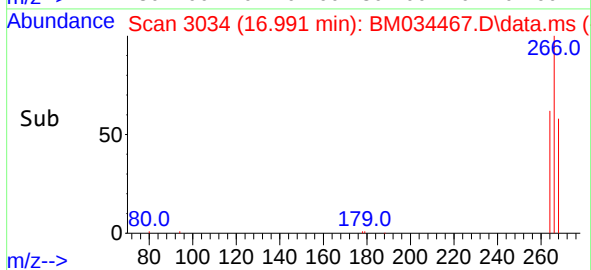
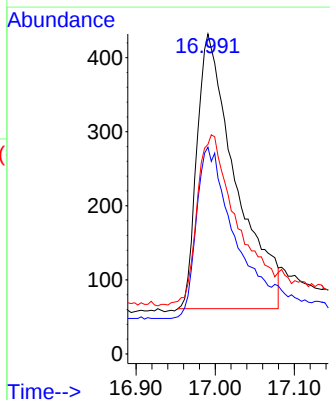
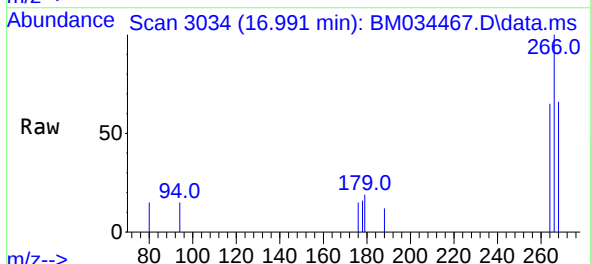
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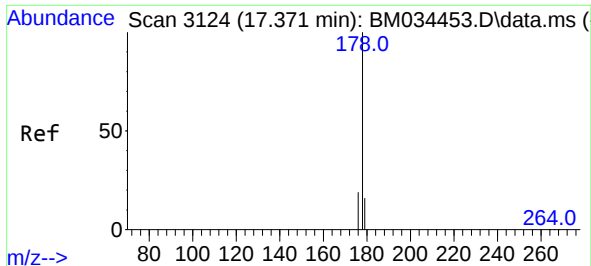
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#14
Pentachlorophenol
Concen: 0.666 ng/ul
RT: 16.991 min Scan# 3034
Delta R.T. -0.000 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36

Tgt Ion:266 Resp: 1257
Ion Ratio Lower Upper
266 100
264 62.6 51.4 77.0
268 61.9 53.1 79.7





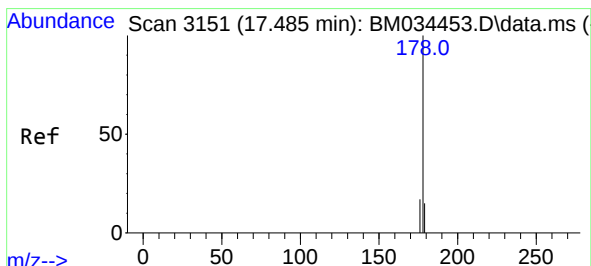
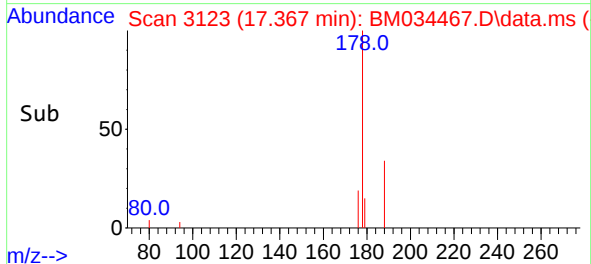
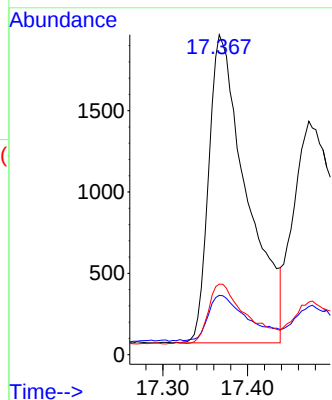
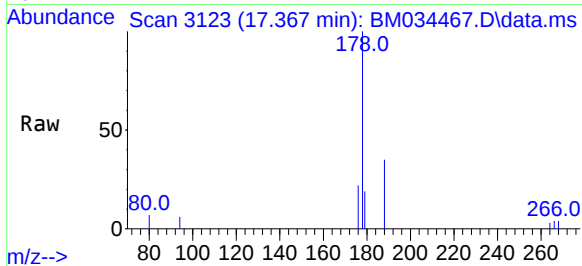
#15
Phenanthrene
Concen: 0.394 ng/u1
RT: 17.367 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36

Instrument :
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Tgt Ion:178 Resp: 5900
Ion Ratio Lower Upper
178 100
179 18.6 15.0 22.6
176 22.1 17.9 26.9

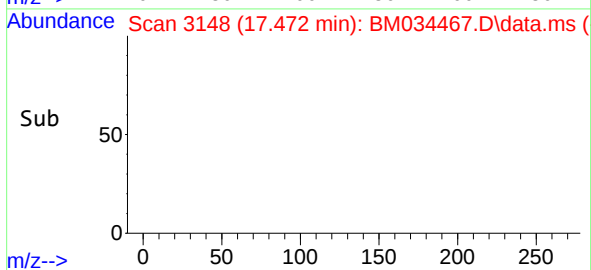
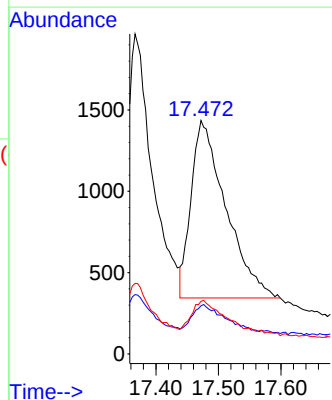
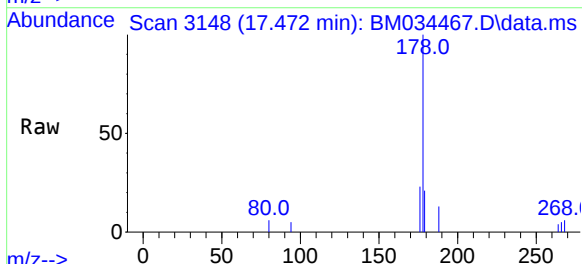
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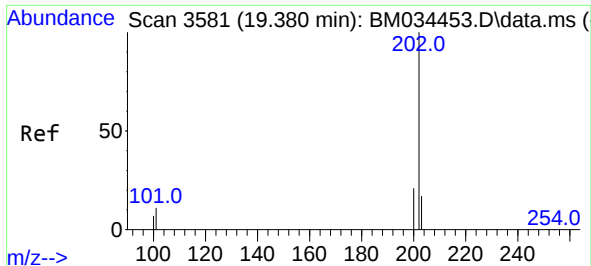
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#16
Anthracene
Concen: 0.321 ng/u1
RT: 17.472 min Scan# 3148
Delta R.T. 0.013 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36

Tgt Ion:178 Resp: 4218
Ion Ratio Lower Upper
178 100
179 20.6 16.5 24.7
176 22.6 18.3 27.5





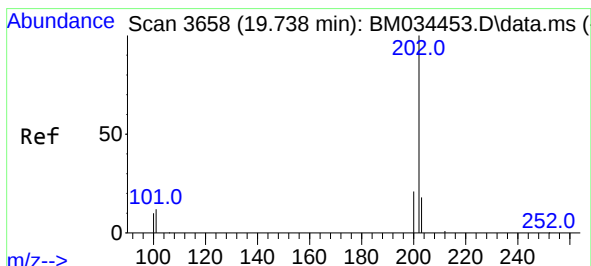
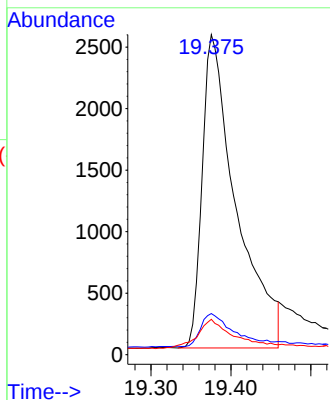
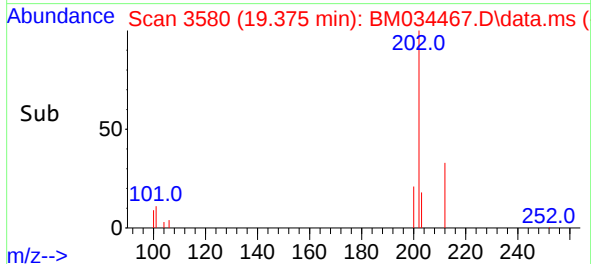
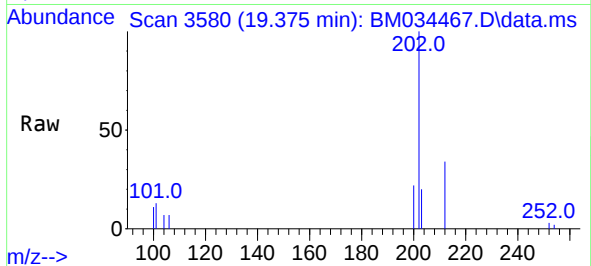
#19
Fluoranthene
Concen: 0.366 ng/u1
RT: 19.375 min Scan# 3580
Delta R.T. -0.000 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36

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SLCS670

Tgt Ion:202 Resp: 752
Ion Ratio Lower Upper
202 100
101 12.8 9.2 13.8
100 11.0 7.2 10.8

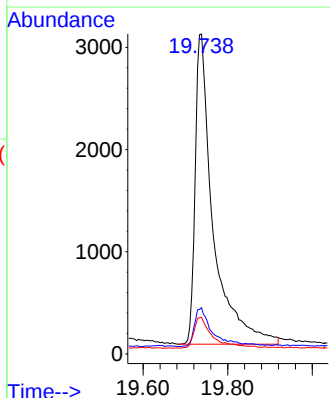
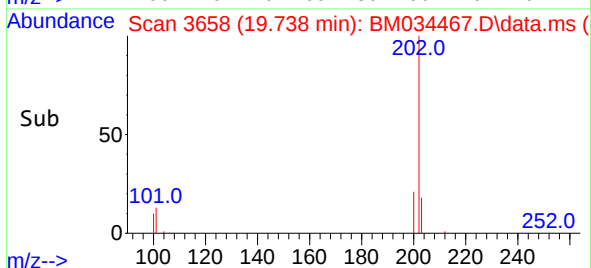
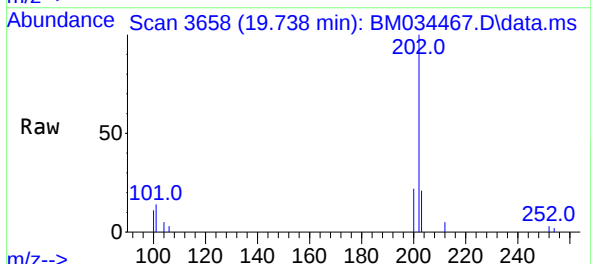
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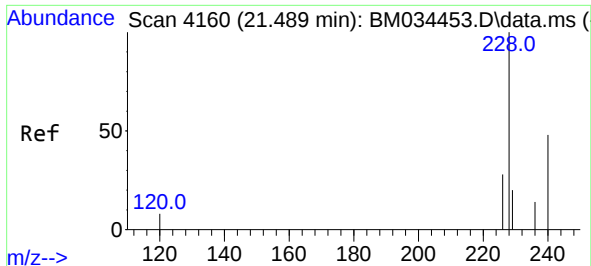
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#20
Pyrene
Concen: 0.396 ng/u1
RT: 19.738 min Scan# 3658
Delta R.T. -0.000 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36

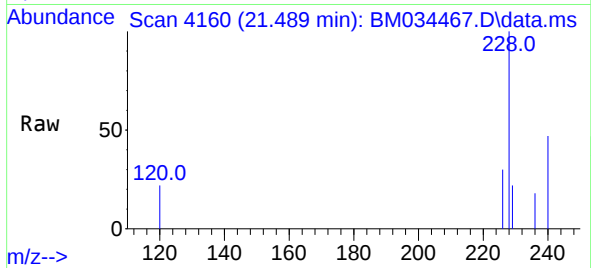
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Ion Ratio Lower Upper
202 100
101 14.4 9.3 13.9#
100 11.4 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.273 ng/ul m
RT: 21.489 min Scan# 4160
Delta R.T. 0.003 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36

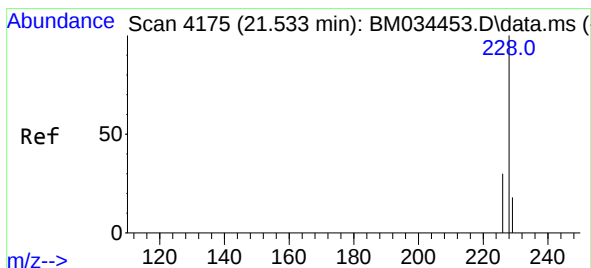
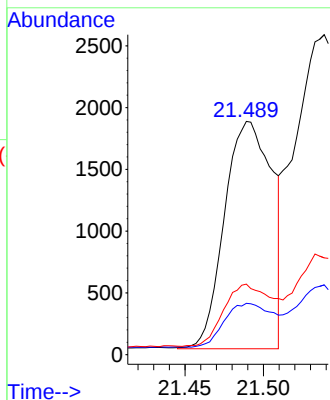
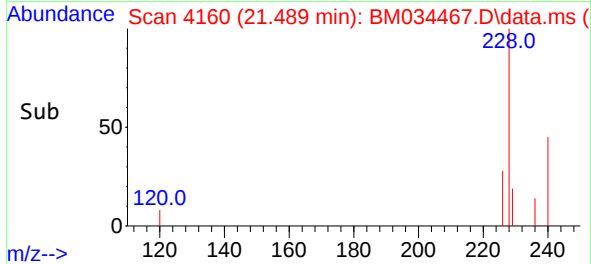
Instrument :
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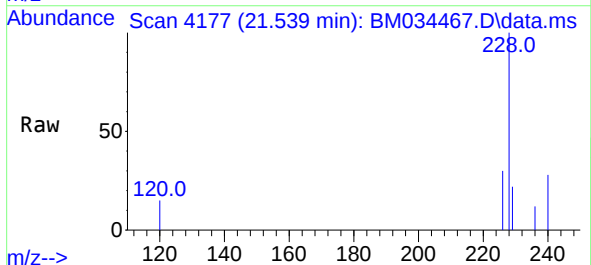
Tgt Ion:228 Resp: 3880
Ion Ratio Lower Upper
228 100
229 22.0 17.3 25.9
226 30.2 23.2 34.8

Manual Integrations
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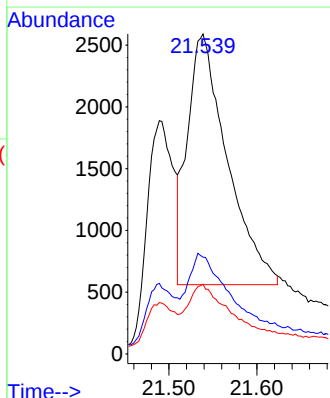
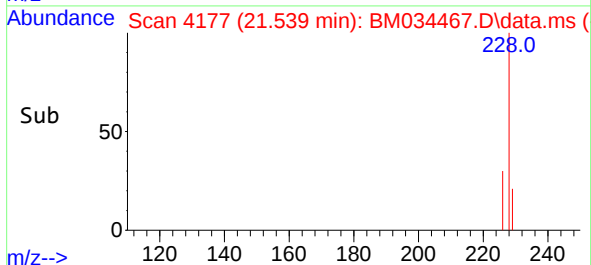
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

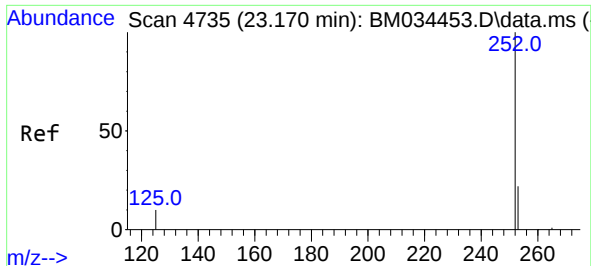


#22
Chrysene
Concen: 0.392 ng/ul m
RT: 21.539 min Scan# 4177
Delta R.T. -0.000 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36



Tgt Ion:228 Resp: 6389
Ion Ratio Lower Upper
228 100
226 30.2 25.8 38.8
229 21.8 16.7 25.1





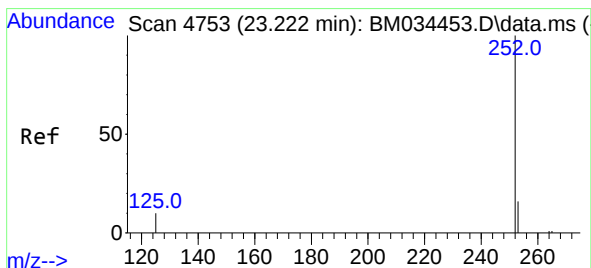
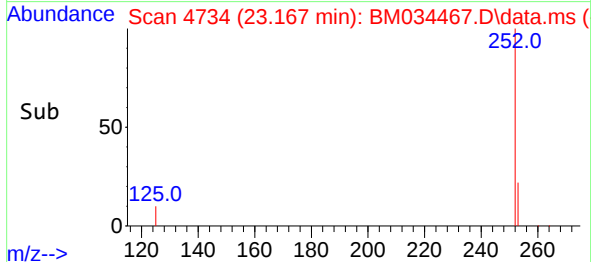
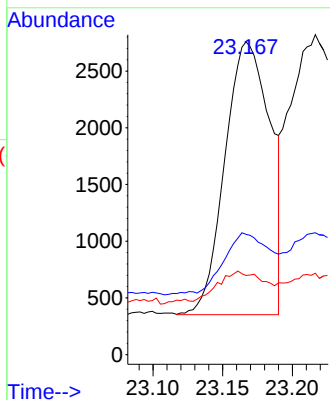
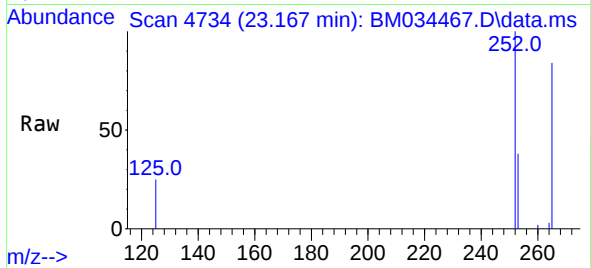
#24
Benzo(b)fluoranthene
Concen: 0.325 ng/ul m
RT: 23.167 min Scan# 4734
Delta R.T. -0.009 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36

Instrument :
BNA_M
ClientSampleId :
SLCS670

Tgt Ion:252 Resp: 5448
Ion Ratio Lower Upper
252 100
253 38.4 0.0 64.2
125 25.3 0.0 28.8

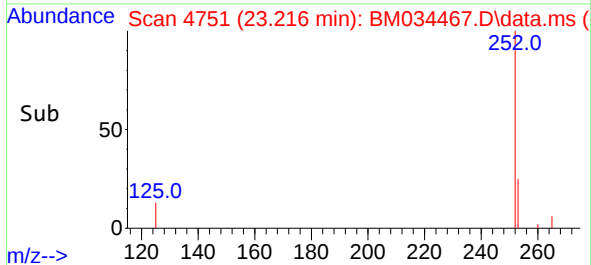
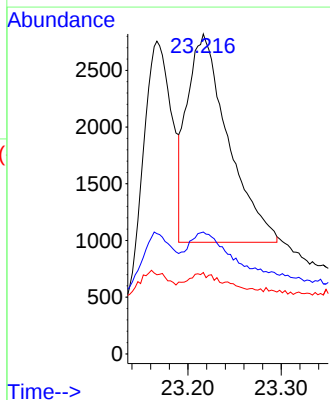
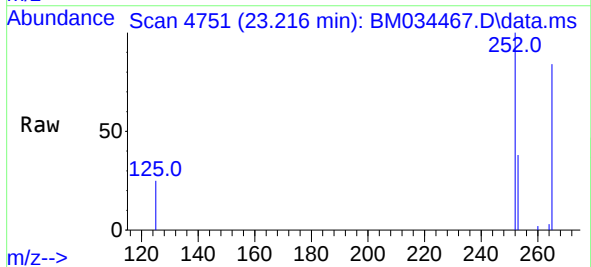
Manual Integrations
APPROVED

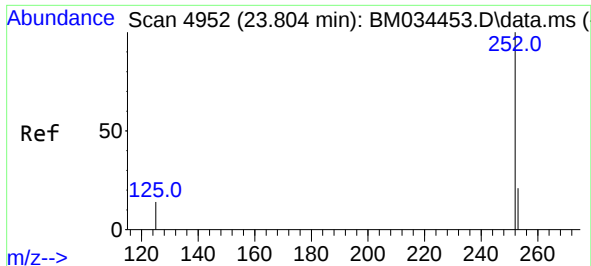
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#25
Benzo(k)fluoranthene
Concen: 0.345 ng/ul m
RT: 23.216 min Scan# 4751
Delta R.T. -0.009 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36

Tgt Ion:252 Resp: 5591
Ion Ratio Lower Upper
252 100
253 38.1 26.8 40.2
125 25.5 12.0 18.0#





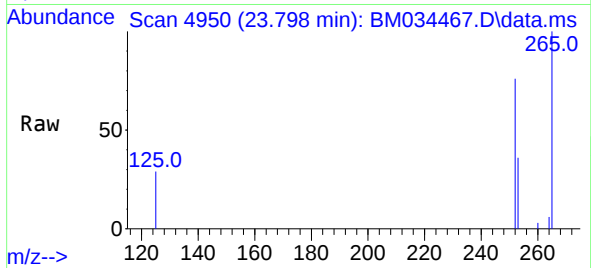
#26
Benzo(a)pyrene
Concen: 0.402 ng/u1
RT: 23.798 min Scan# 4950
Delta R.T. -0.009 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36

Instrument :

BNM_M

ClientSampleId :

SLCS670

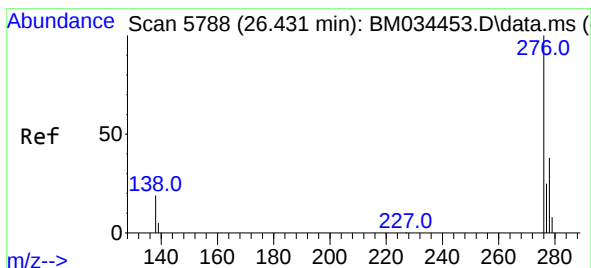
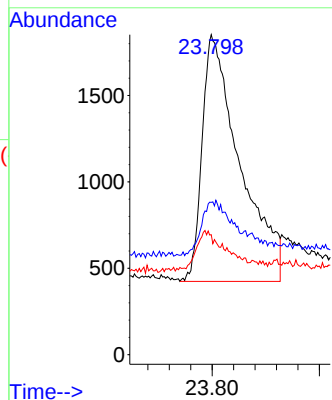


Tgt Ion:252 Resp: 6990
Ion Ratio Lower Upper
252 100
253 47.6 32.0 48.0
125 37.5 14.5 21.7

Manual Integrations

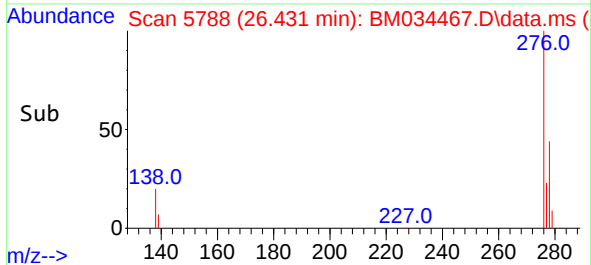
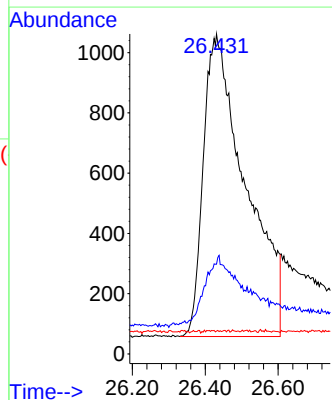
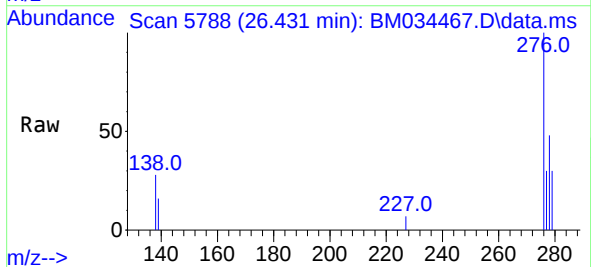
APPROVED

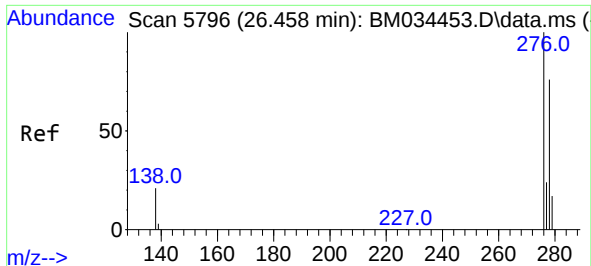
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng/u1
RT: 26.431 min Scan# 5788
Delta R.T. -0.003 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36

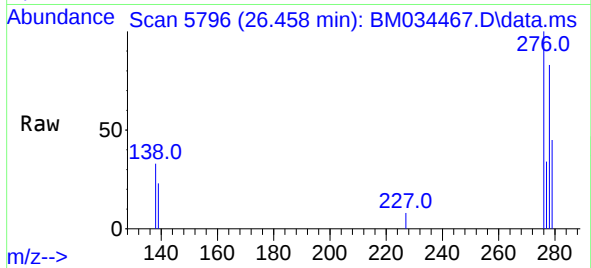
Tgt Ion:276 Resp: 8070
Ion Ratio Lower Upper
276 100
138 21.2 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.339 ng/ul
RT: 26.458 min Scan# 5796
Delta R.T. -0.000 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36

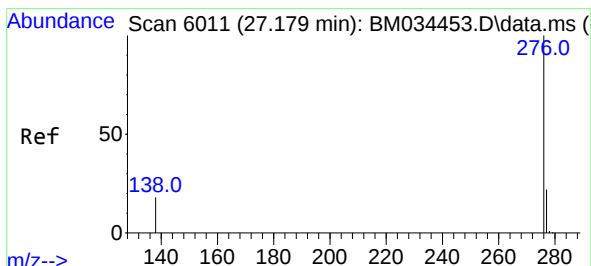
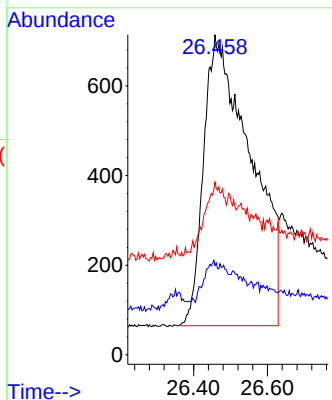
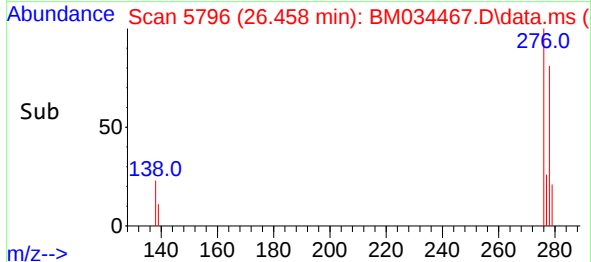
Instrument :
BNA_M
ClientSampleId :
SLCS670



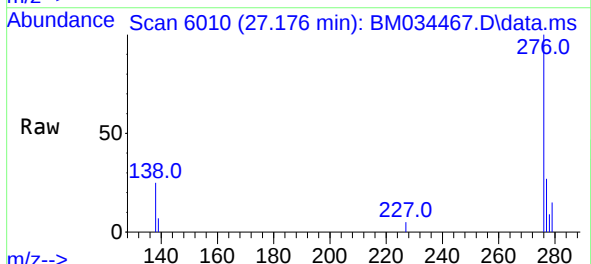
Tgt Ion:278 Resp: 5758
Ion Ratio Lower Upper
278 100
139 27.9 18.0 27.0
279 53.9 28.6 42.8

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Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#29
Benzo(g,h,i)perylene
Concen: 0.400 ng/ul
RT: 27.176 min Scan# 6010
Delta R.T. -0.030 min
Lab File: BM034467.D
Acq: 31 Mar 2022 07:36



Tgt Ion:276 Resp: 8755
Ion Ratio Lower Upper
276 100
138 25.2 17.4 26.0
277 27.3 22.6 33.8

