

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
 Data File : BM034474.D
 Acq On : 31 Mar 2022 12:25
 Operator : CG/JU
 Sample : PB143651BS
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS651

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/01/2022
 Supervised By :Yogesh Patel 04/02/2022

Quant Time: Apr 01 02:56:41 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	7.958	152	1859	0.400	ng/ul	0.02
4) Naphthalene-d8	10.757	136	6361	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.574	164	2853	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.329	188	4534	0.400	ng/ul	0.00
17) Chrysene-d12	21.501	240	4242	0.400	ng/ul	# 0.00
23) Perylene-d12	23.904	264	4538	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	2354	0.851	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	2644	0.308	ng/ul	0.02
18) Fluoranthene-d10	19.348	212	5243	0.396	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	7138	2.337	ng/ul#	81
5) Naphthalene	10.807	128	5853	0.318	ng/ul	94
7) 2-Methylnaphthalene	12.434	142	3144	0.279	ng/ul	97
8) 1-Methylnaphthalene	12.638	142	3237	0.288	ng/ul	98
10) Acenaphthylene	14.296	152	5451	0.397	ng/ul	94
11) Acenaphthene	14.634	153	3928	0.376	ng/ul	97
12) Fluorene	15.638	166	3838	0.344	ng/ul	99
14) Pentachlorophenol	16.991	266	1146	0.628	ng/ul	98
15) Phenanthrene	17.371	178	5331	0.368	ng/ul	100
16) Anthracene	17.476	178	3886	0.306	ng/ul	99
19) Fluoranthene	19.376	202	7003	0.366	ng/ul	97
20) Pyrene	19.738	202	8301	0.393	ng/ul	96
21) Benzo(a)anthracene	21.489	228	3856	0.291	ng/ul	99
22) Chrysene	21.539	228	5402	0.356	ng/ul	98
24) Benzo(b)fluoranthene	23.170	252	5473m	0.349	ng/ul	
25) Benzo(k)fluoranthene	23.219	252	5055m	0.333	ng/ul	
26) Benzo(a)pyrene	23.807	252	6534	0.402	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.428	276	7651	0.361	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.465	278	5419	0.341	ng/ul#	77
29) Benzo(g,h,i)perylene	27.182	276	8345	0.407	ng/ul	96

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

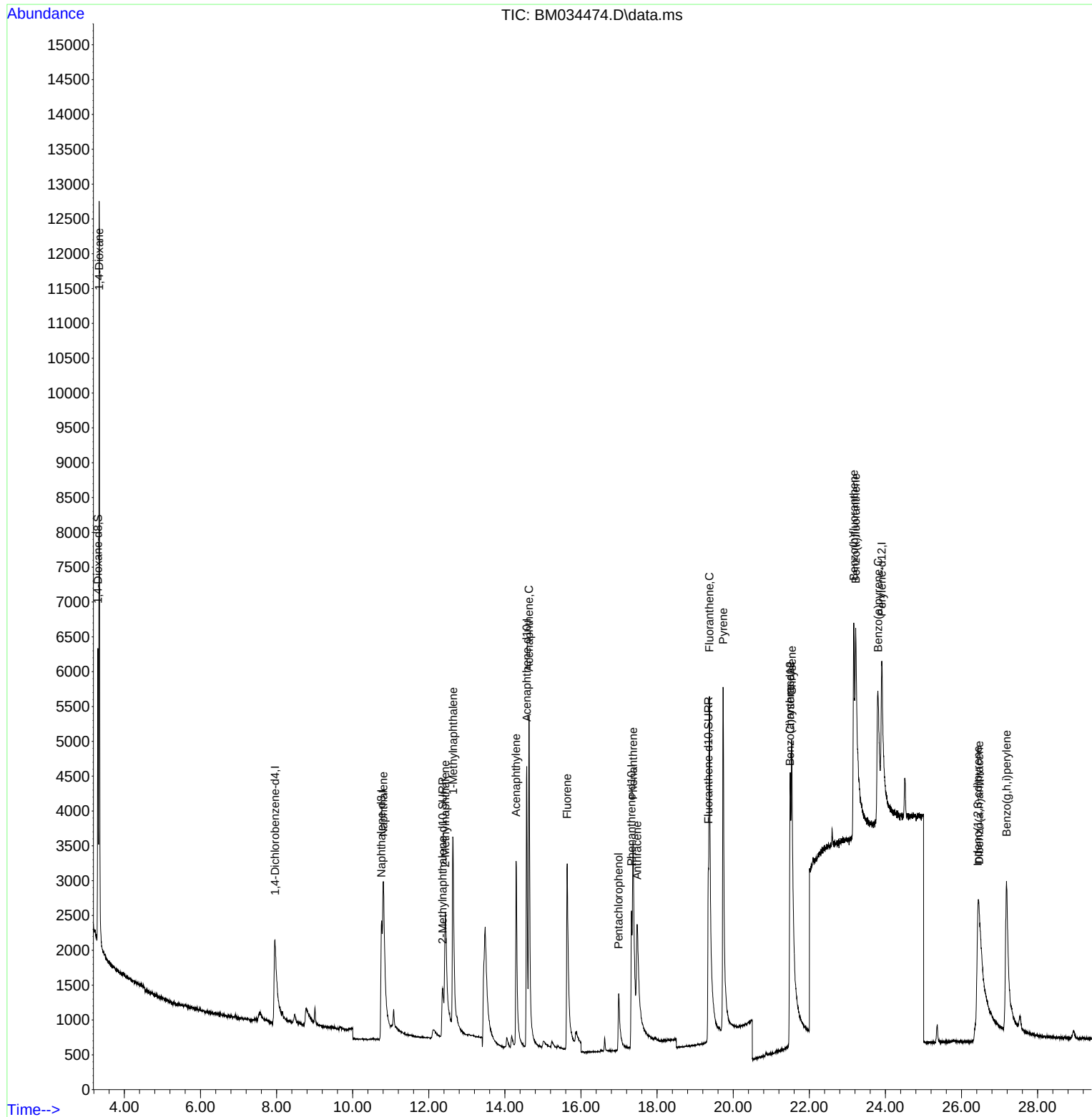
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
Data File : BM034474.D
Acq On : 31 Mar 2022 12:25
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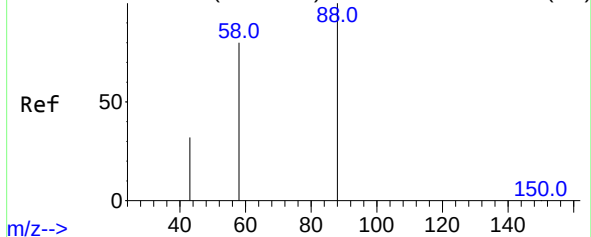
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Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022

Quant Time: Apr 01 02:56:41 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 18:27:40 2022
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Abundance Scan 38 (3.343 min): BM034470.D\data.ms (-31)



#2
1,4-Dioxane

Concen: 2.337 ng/ul

RT: 3.339 min Scan# 31

Delta R.T. -0.004 min

Lab File: BM034474.D

Acq: 31 Mar 2022 12:25

Instrument :

BNA_M

ClientSampleId :

SLCS651

Tgt Ion: 88 Resp: 7138

Ion Ratio Lower Upper

88 100

43 35.4 49.7 74.5

58 69.0 52.5 78.7

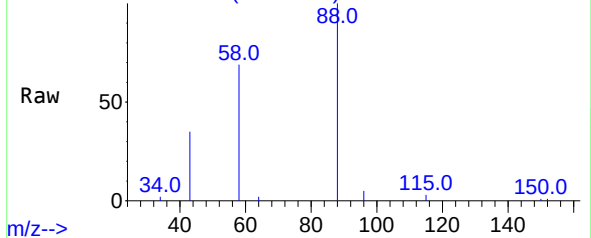
Manual Integrations

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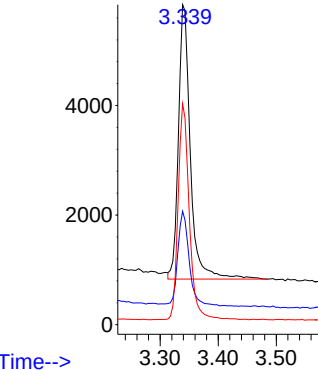
Reviewed By :Jagrut Upadhyay 04/01/2022

Supervised By :Yogesh Patel 04/02/2022

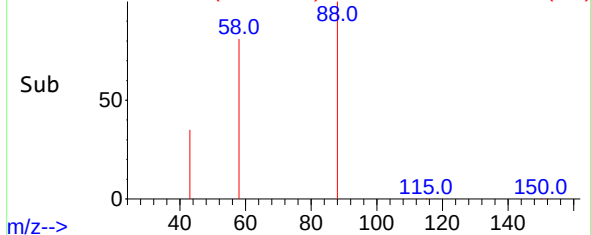
Abundance Scan 37 (3.339 min): BM034474.D\data.ms



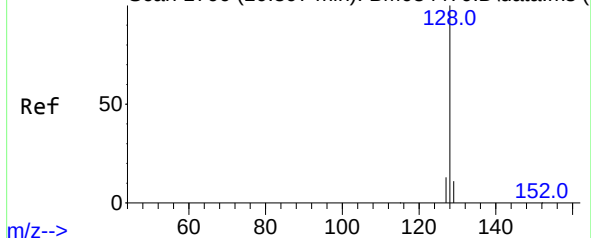
Abundance



Abundance Scan 37 (3.339 min): BM034474.D\data.ms (-26)



Abundance Scan 1766 (10.807 min): BM034470.D\data.ms (-)



#5

Naphthalene

Concen: 0.318 ng/ul

RT: 10.807 min Scan# 1766

Delta R.T. 0.006 min

Lab File: BM034474.D

Acq: 31 Mar 2022 12:25

Tgt Ion:128 Resp: 5853

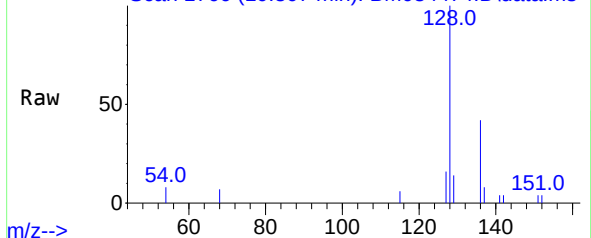
Ion Ratio Lower Upper

128 100

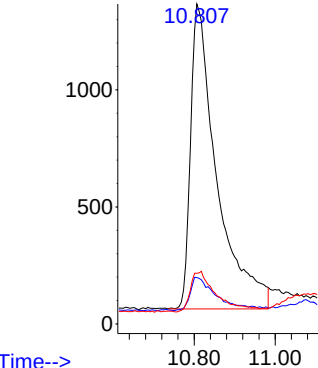
129 14.5 13.4 20.2

127 15.9 15.2 22.8

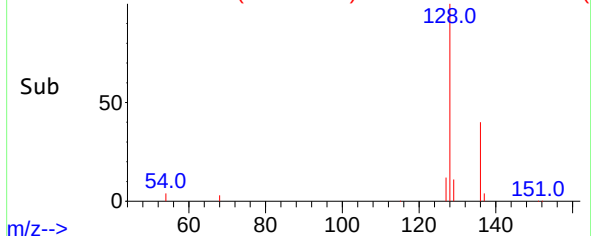
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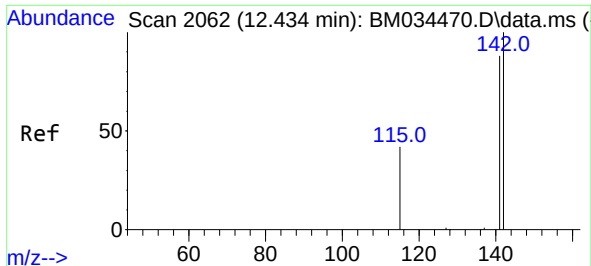


Abundance



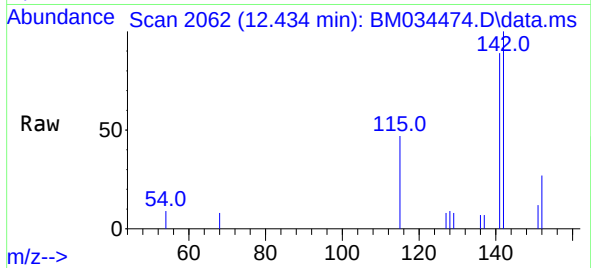
Abundance Scan 1766 (10.807 min): BM034474.D\data.ms (-)





#7
2-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.434 min Scan# 2062
Delta R.T. 0.017 min
Lab File: BM034474.D
Acq: 31 Mar 2022 12:25

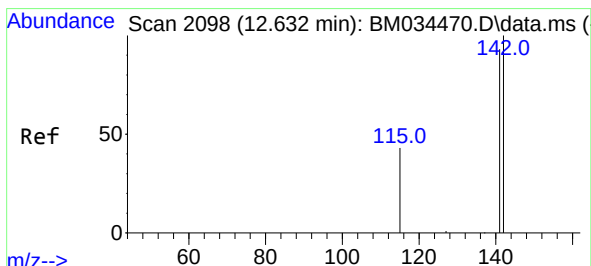
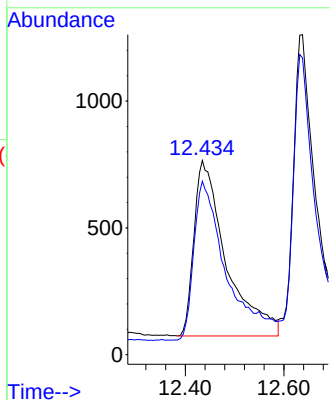
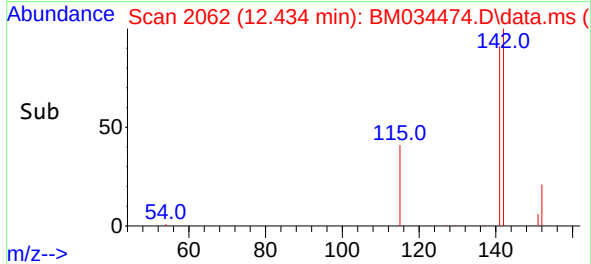
Instrument :
BNA_M
ClientSampleId :
SLCS651



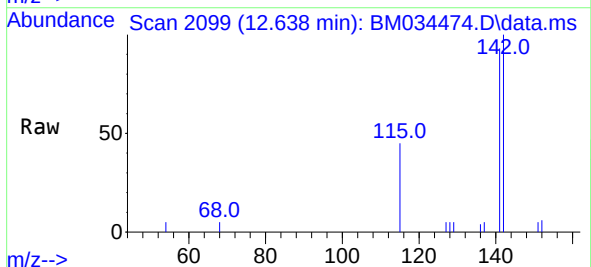
Tgt Ion:142 Resp: 3144
Ion Ratio Lower Upper
142 100
141 92.4 71.8 107.6

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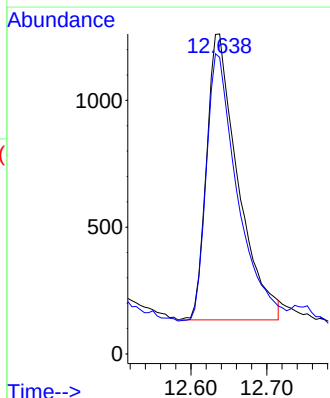
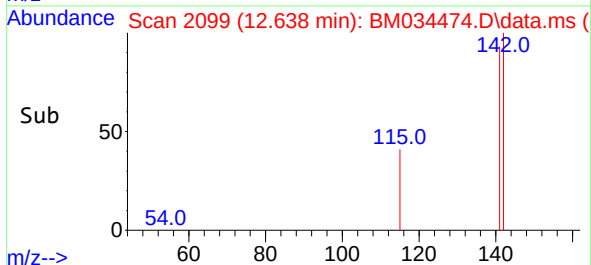
Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022

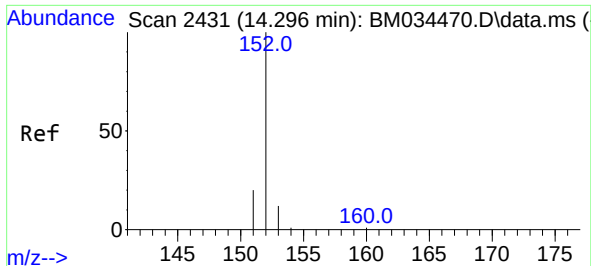


#8
1-Methylnaphthalene
Concen: 0.288 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. 0.006 min
Lab File: BM034474.D
Acq: 31 Mar 2022 12:25



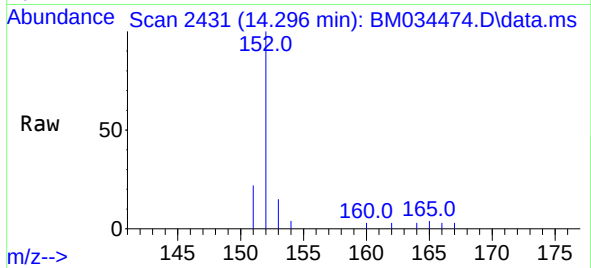
Tgt Ion:142 Resp: 3237
Ion Ratio Lower Upper
142 100
141 91.6 75.0 112.4





#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.296 min Scan# 2431
Delta R.T. -0.005 min
Lab File: BM034474.D
Acq: 31 Mar 2022 12:25

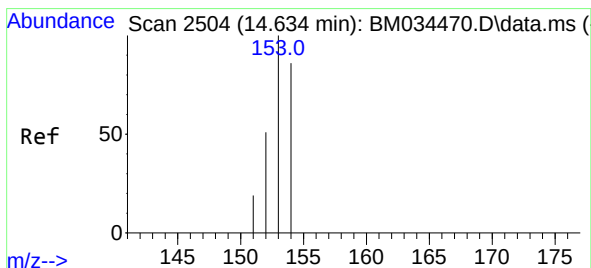
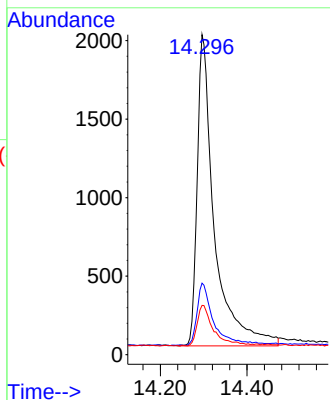
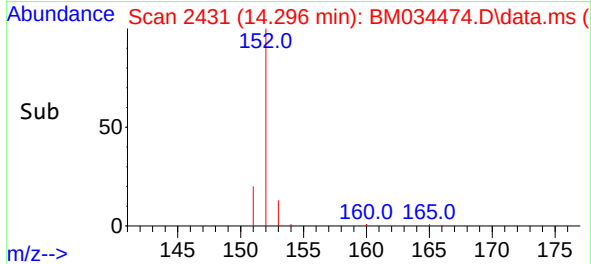
Instrument :
BNA_M
ClientSampleId :
SLCS651



Tgt Ion:152 Resp: 545
Ion Ratio Lower Upper
152 100
151 22.4 19.9 29.9
153 15.4 15.0 22.4

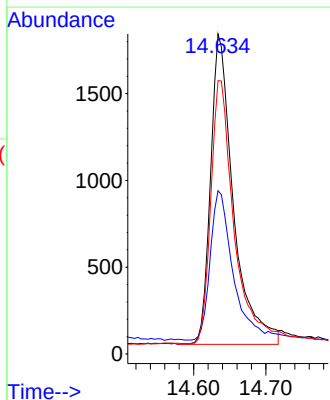
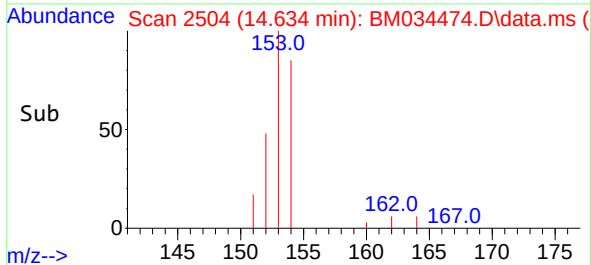
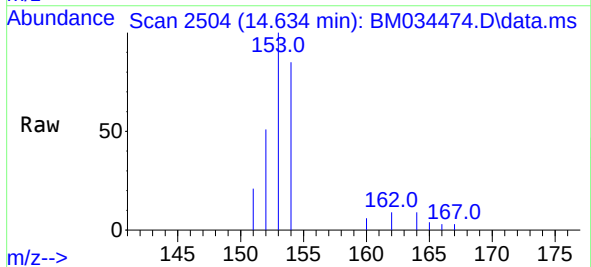
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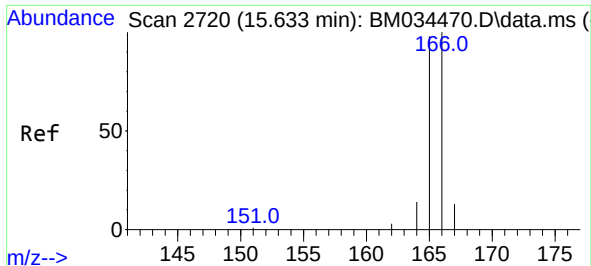
Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022



#11
Acenaphthene
Concen: 0.376 ng/ul
RT: 14.634 min Scan# 2504
Delta R.T. -0.005 min
Lab File: BM034474.D
Acq: 31 Mar 2022 12:25

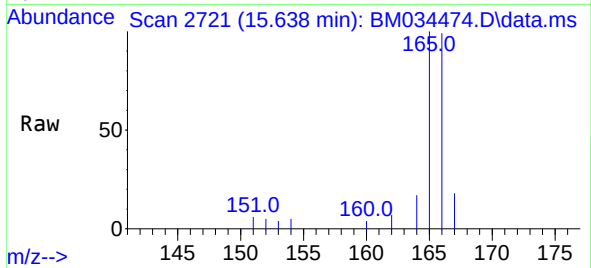
Tgt Ion:153 Resp: 3928
Ion Ratio Lower Upper
153 100
152 51.0 42.4 63.6
154 85.4 66.2 99.2





#12
Fluorene
Concen: 0.344 ng/ul
RT: 15.638 min Scan# 21
Delta R.T. 0.009 min
Lab File: BM034474.D
Acq: 31 Mar 2022 12:25

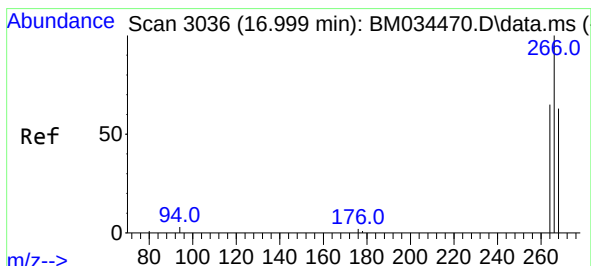
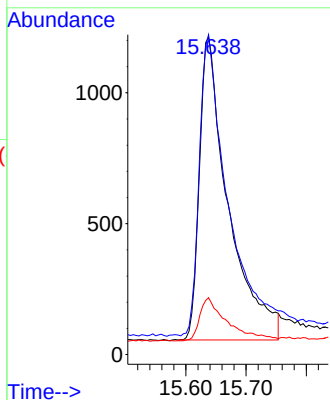
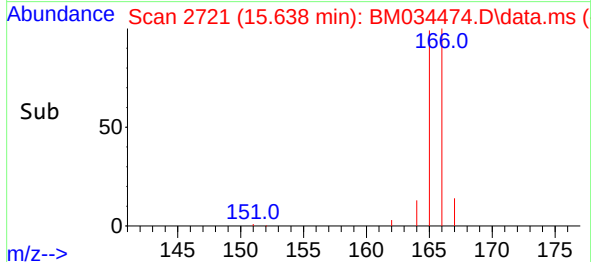
Instrument :
BNA_M
ClientSampleId :
SLCS651



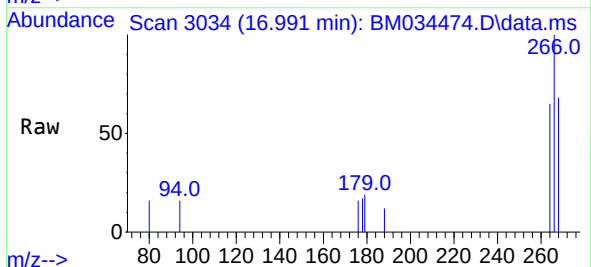
Tgt Ion:166 Resp: 383
Ion Ratio Lower Upper
166 100
165 100.8 81.1 121.7
167 17.9 14.9 22.3

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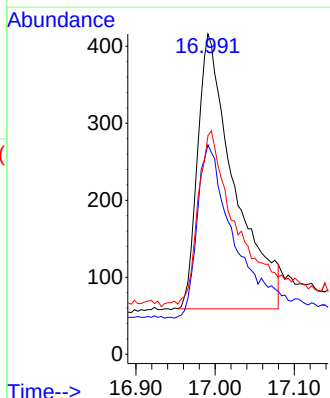
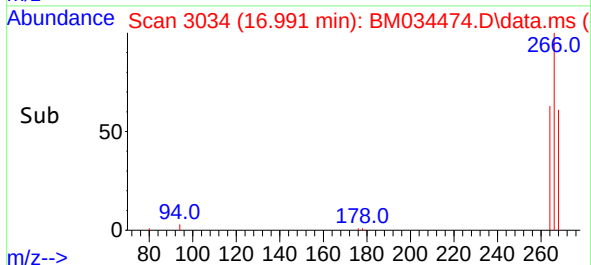
Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022

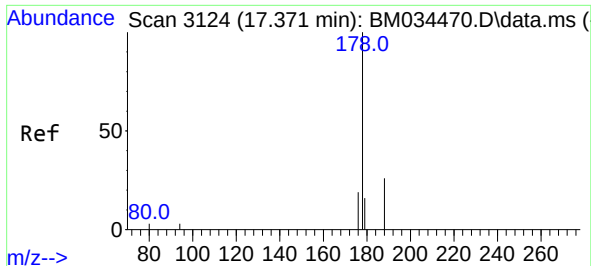


#14
Pentachlorophenol
Concen: 0.628 ng/ul
RT: 16.991 min Scan# 3034
Delta R.T. 0.000 min
Lab File: BM034474.D
Acq: 31 Mar 2022 12:25



Tgt Ion:266 Resp: 1146
Ion Ratio Lower Upper
266 100
264 62.7 51.4 77.0
268 64.7 53.1 79.7





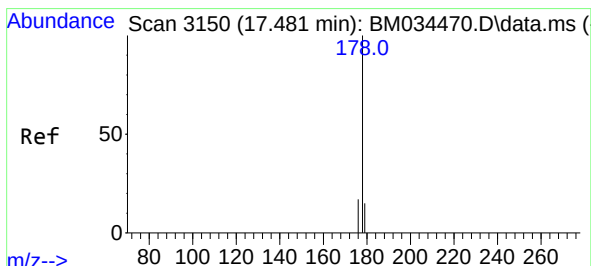
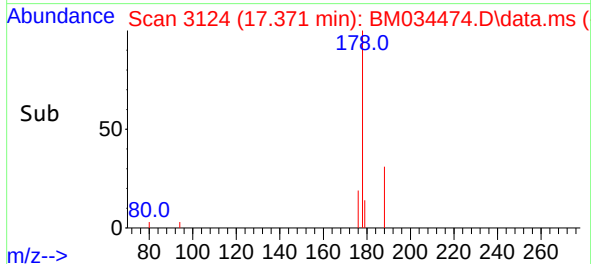
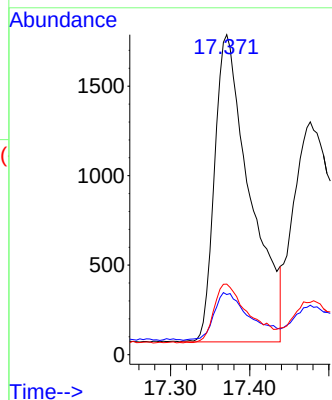
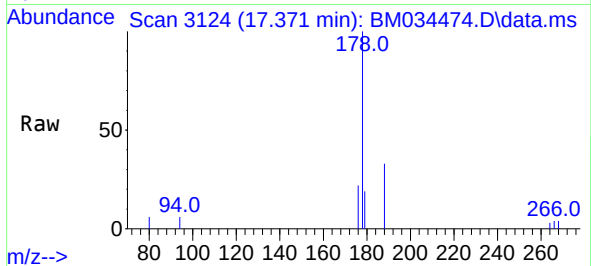
#15
Phenanthrene
Concen: 0.368 ng/u1
RT: 17.371 min Scan# 3124
Delta R.T. 0.004 min
Lab File: BM034474.D
Acq: 31 Mar 2022 12:25

Instrument :
BNA_M
ClientSampleId :
SLCS651

Tgt Ion:178 Resp: 533
Ion Ratio Lower Upper
178 100
179 18.8 15.0 22.6
176 22.0 17.9 26.9

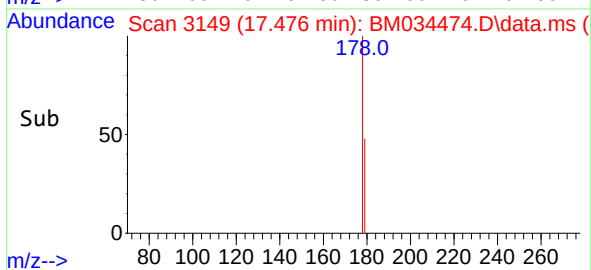
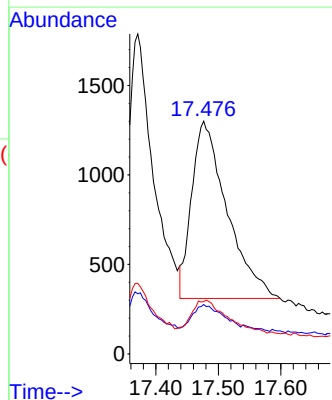
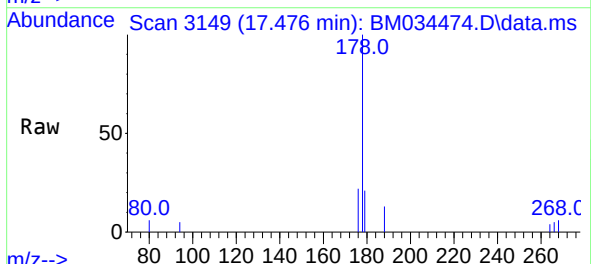
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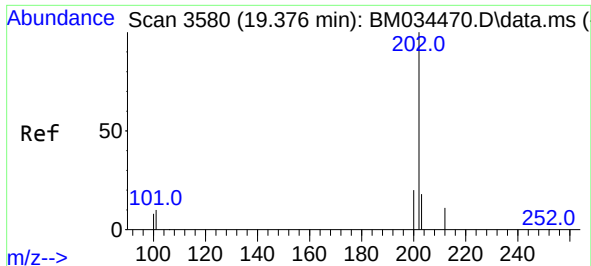
Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022



#16
Anthracene
Concen: 0.306 ng/u1
RT: 17.476 min Scan# 3149
Delta R.T. 0.017 min
Lab File: BM034474.D
Acq: 31 Mar 2022 12:25

Tgt Ion:178 Resp: 3886
Ion Ratio Lower Upper
178 100
179 21.2 16.5 24.7
176 22.4 18.3 27.5





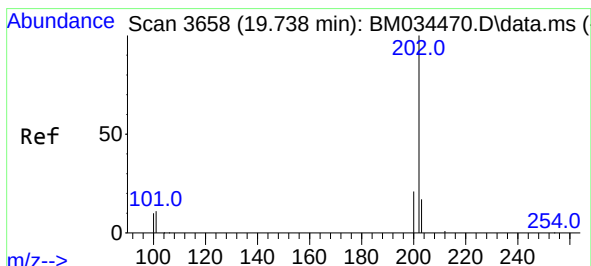
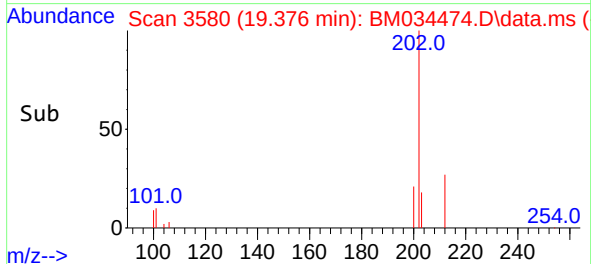
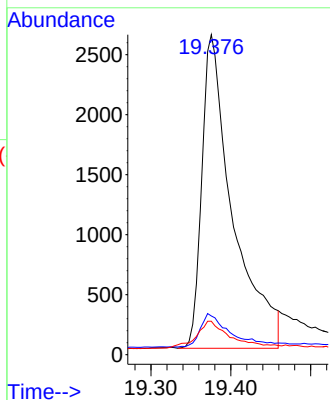
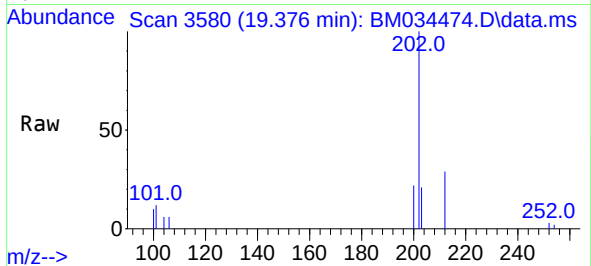
#19
Fluoranthene
Concen: 0.366 ng/u1
RT: 19.376 min Scan# 3580
Delta R.T. 0.000 min
Lab File: BM034474.D
Acq: 31 Mar 2022 12:25

Instrument :
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ClientSampleId :
SLCS651

Tgt Ion:202 Resp: 700
Ion Ratio Lower Upper
202 100
101 12.1 9.2 13.8
100 10.5 7.2 10.8

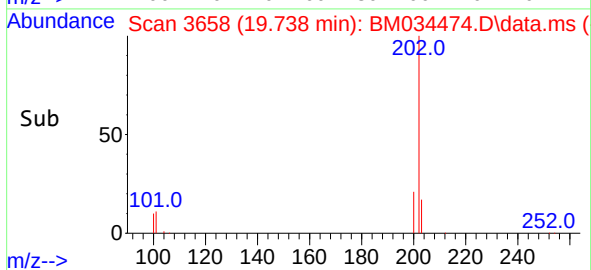
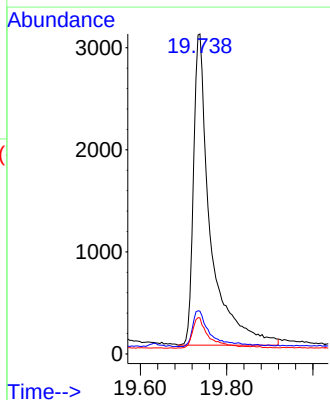
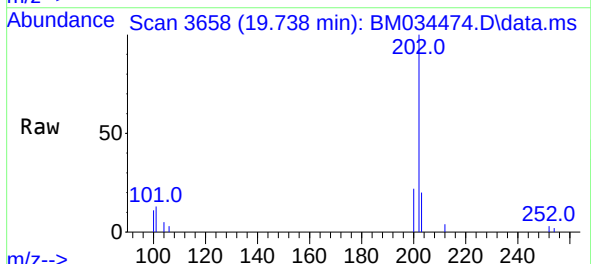
Manual Integrations
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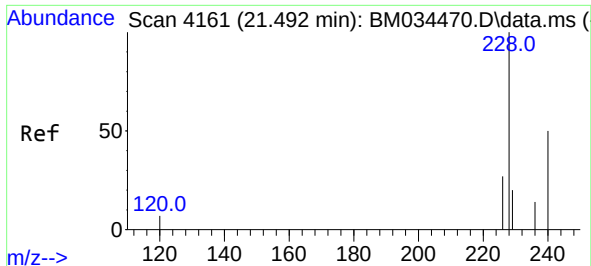
Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022



#20
Pyrene
Concen: 0.393 ng/u1
RT: 19.738 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM034474.D
Acq: 31 Mar 2022 12:25

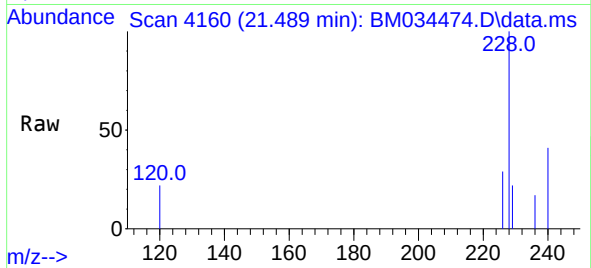
Tgt Ion:202 Resp: 8301
Ion Ratio Lower Upper
202 100
101 13.4 9.3 13.9
100 11.3 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.291 ng/u1
RT: 21.489 min Scan# 4160
Delta R.T. 0.003 min
Lab File: BM034474.D
Acq: 31 Mar 2022 12:25

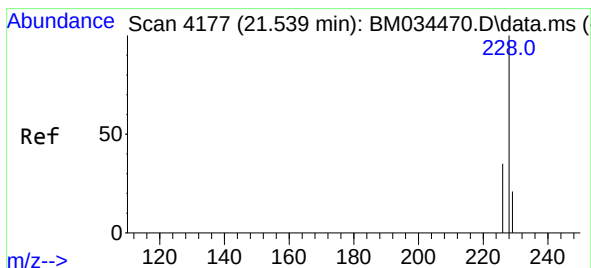
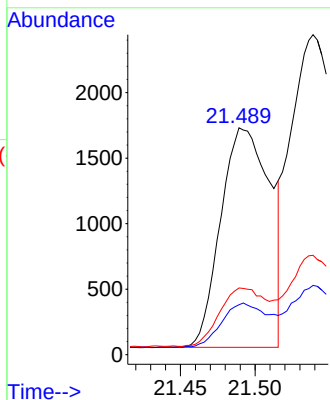
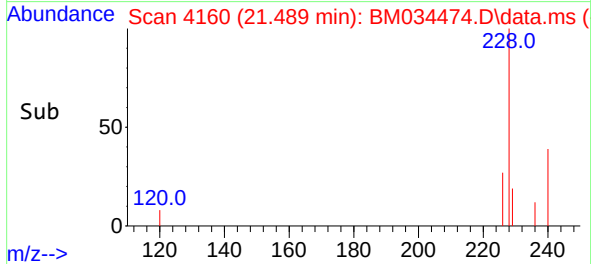
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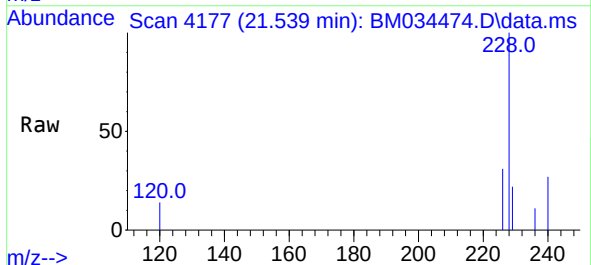
Tgt Ion:228 Resp: 3850
Ion Ratio Lower Upper
228 100
229 22.0 17.3 25.9
226 29.4 23.2 34.8

Manual Integrations
APPROVED

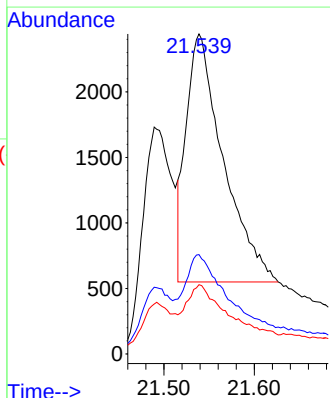
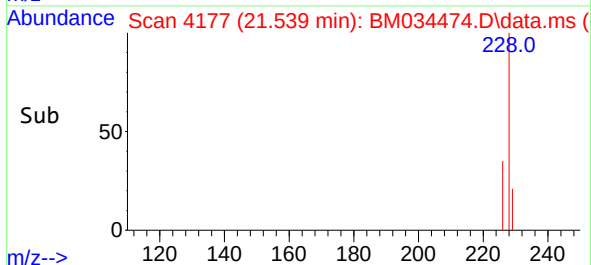
Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022

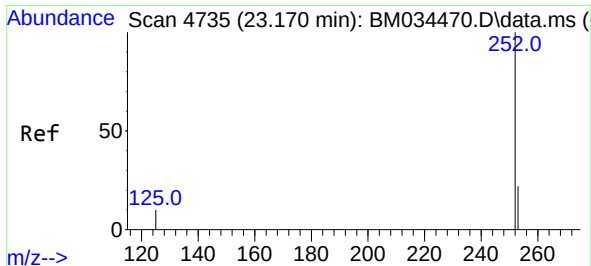


#22
Chrysene
Concen: 0.356 ng/u1
RT: 21.539 min Scan# 4177
Delta R.T. 0.000 min
Lab File: BM034474.D
Acq: 31 Mar 2022 12:25



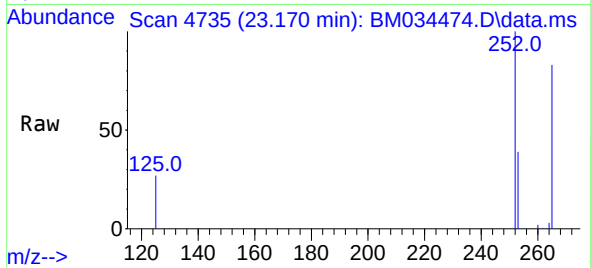
Tgt Ion:228 Resp: 5402
Ion Ratio Lower Upper
228 100
226 31.1 25.8 38.8
229 21.7 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.349 ng/ul m
RT: 23.170 min Scan# 4735
Delta R.T. -0.006 min
Lab File: BM034474.D
Acq: 31 Mar 2022 12:25

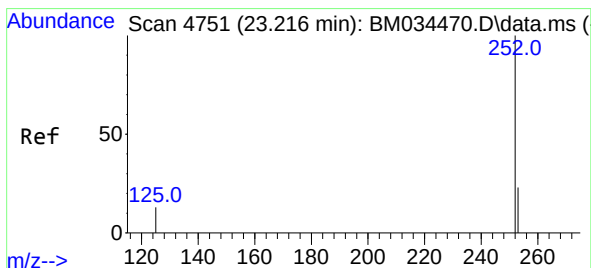
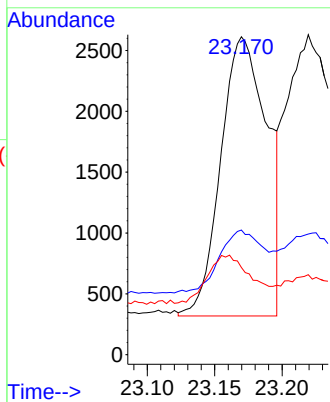
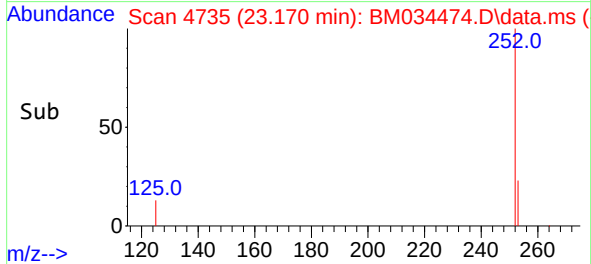
Instrument :
BNA_M
ClientSampleId :
SLCS651



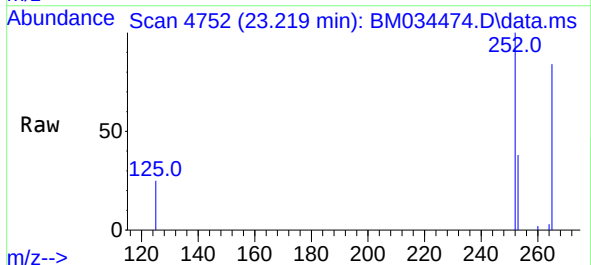
Tgt Ion:252 Resp: 547
Ion Ratio Lower Upper
252 100
253 39.2 0.0 64.2
125 27.4 0.0 28.8

Manual Integrations
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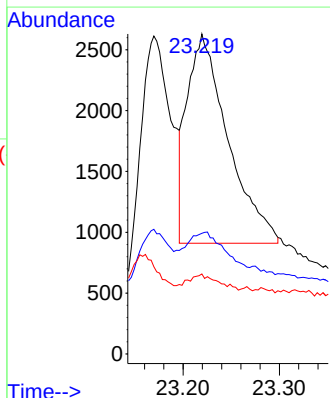
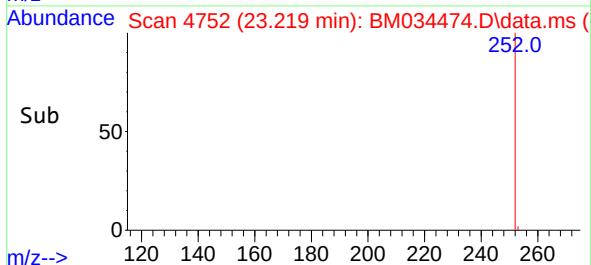
Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022

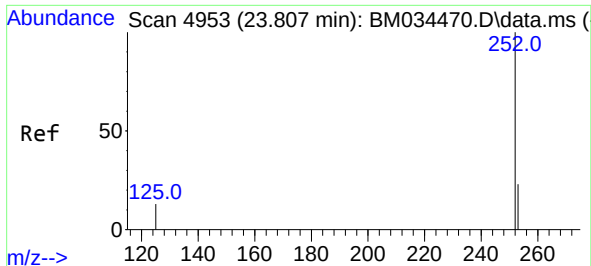


#25
Benzo(k)fluoranthene
Concen: 0.333 ng/ul m
RT: 23.219 min Scan# 4752
Delta R.T. -0.006 min
Lab File: BM034474.D
Acq: 31 Mar 2022 12:25



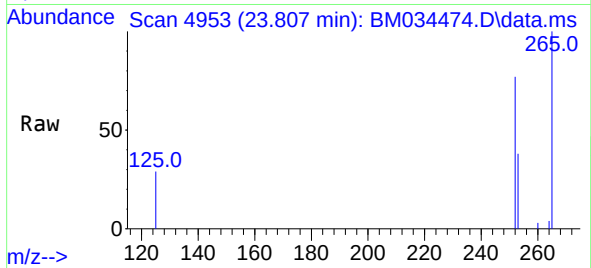
Tgt Ion:252 Resp: 5055
Ion Ratio Lower Upper
252 100
253 37.7 26.8 40.2
125 25.0 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.402 ng/ul
RT: 23.807 min Scan# 4953
Delta R.T. 0.000 min
Lab File: BM034474.D
Acq: 31 Mar 2022 12:25

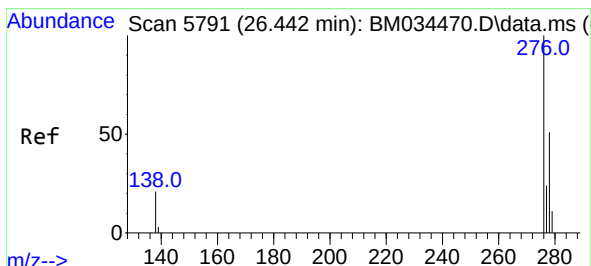
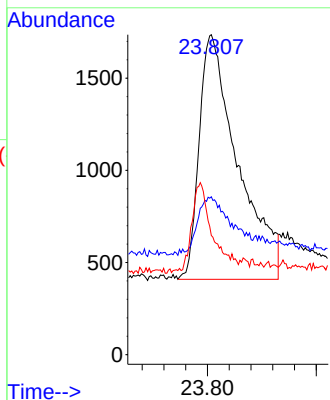
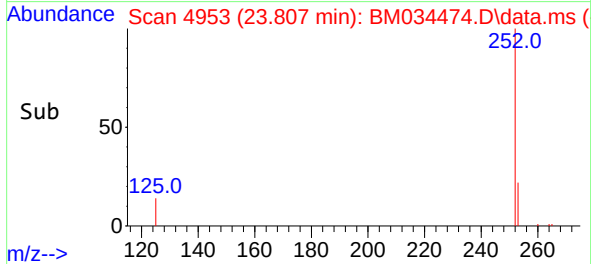
Instrument :
BNA_M
ClientSampleId :
SLCS651



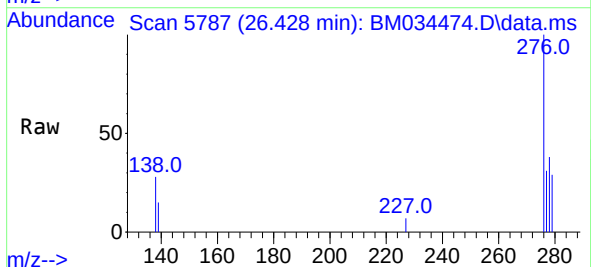
Tgt Ion:252 Resp: 6534
Ion Ratio Lower Upper
252 100
253 49.4 32.0 48.0#
125 37.3 14.5 21.7#

Manual Integrations
APPROVED

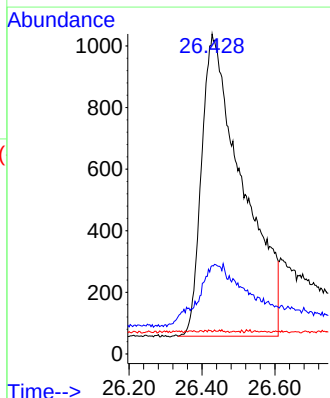
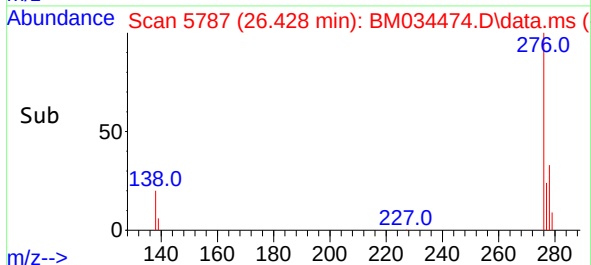
Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022

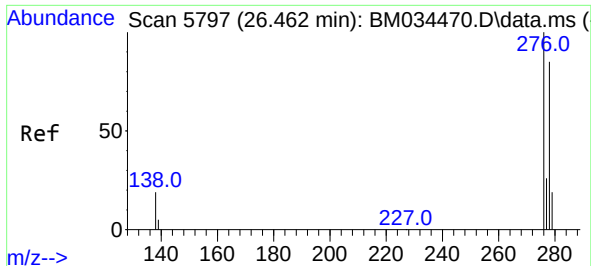


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.361 ng/ul
RT: 26.428 min Scan# 5787
Delta R.T. -0.007 min
Lab File: BM034474.D
Acq: 31 Mar 2022 12:25



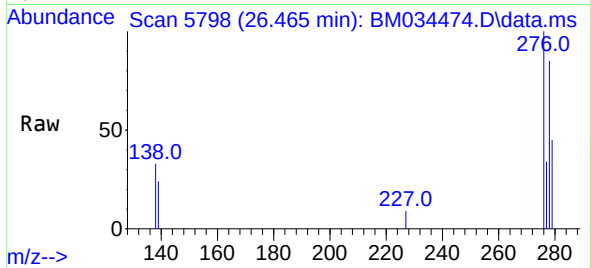
Tgt Ion:276 Resp: 7651
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.6#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.341 ng/ul
RT: 26.465 min Scan# 5797
Delta R.T. 0.007 min
Lab File: BM034474.D
Acq: 31 Mar 2022 12:25

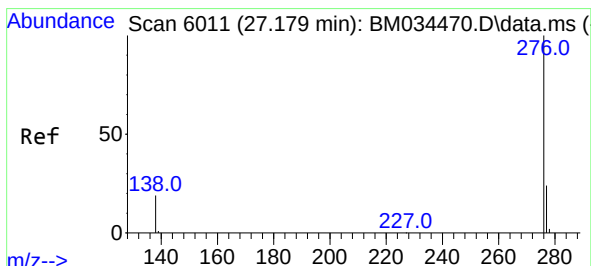
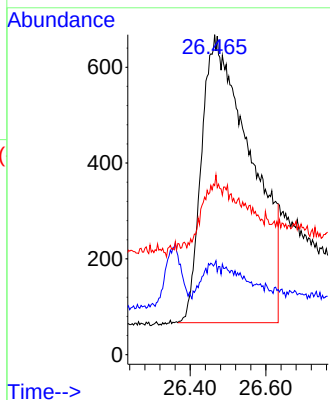
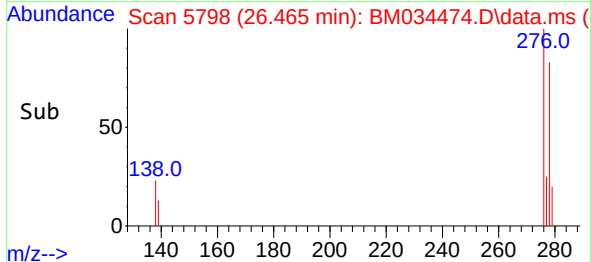
Instrument :
BNA_M
ClientSampleId :
SLCS651



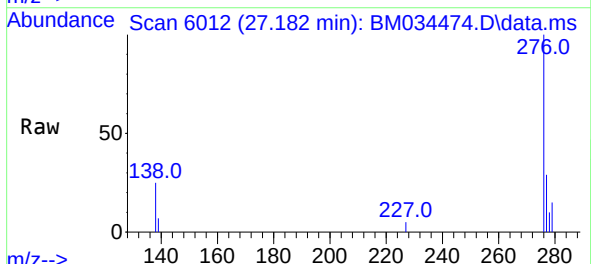
Tgt Ion:278 Resp: 5419
Ion Ratio Lower Upper
278 100
139 28.3 18.0 27.0
279 52.8 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/01/2022
Supervised By :Yogesh Patel 04/02/2022



#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 27.182 min Scan# 6012
Delta R.T. -0.023 min
Lab File: BM034474.D
Acq: 31 Mar 2022 12:25



Tgt Ion:276 Resp: 8345
Ion Ratio Lower Upper
276 100
138 25.0 17.4 26.0
277 28.9 22.6 33.8

