

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
 Data File : BM034415.D
 Acq On : 29 Mar 2022 19:53
 Operator : CG/JU
 Sample : PB143574BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS574

Manual Integrations
 APPROVED

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

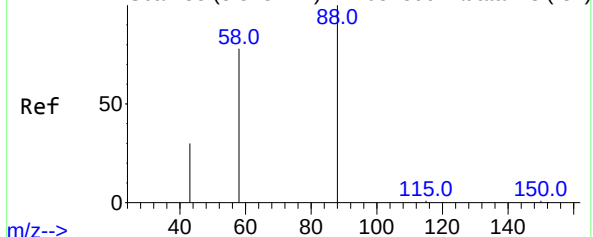
Quant Time: Mar 30 02:31:54 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM032822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 28 18:27:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	1750	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	5405	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.578	164	2792	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.329	188	4638	0.400	ng/ul	0.00
17) Chrysene-d12	21.501	240	4283	0.400	ng/ul #	0.00
23) Perylene-d12	23.909	264	4621	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	2174	0.835	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	2713	0.372	ng/ul	0.02
18) Fluoranthene-d10	19.348	212	5731	0.429	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	6397	2.225	ng/ul#	83
5) Naphthalene	10.812	128	5689	0.363	ng/ul	94
7) 2-Methylnaphthalene	12.429	142	3224	0.337	ng/ul	97
8) 1-Methylnaphthalene	12.638	142	3207	0.335	ng/ul	97
10) Acenaphthylene	14.305	152	5762	0.429	ng/ul	93
11) Acenaphthene	14.643	153	3987	0.390	ng/ul	95
12) Fluorene	15.638	166	4178	0.383	ng/ul	98
14) Pentachlorophenol	16.991	266	1384	0.741	ng/ul	98
15) Phenanthrene	17.371	178	5950	0.402	ng/ul	98
16) Anthracene	17.472	178	4784	0.368	ng/ul	99
19) Fluoranthene	19.380	202	7600	0.394	ng/ul	98
20) Pyrene	19.738	202	8881	0.416	ng/ul	95
21) Benzo(a)anthracene	21.489	228	4641	0.347	ng/ul	97
22) Chrysene	21.536	228	6074	0.396	ng/ul	99
24) Benzo(b)fluoranthene	23.173	252	5541m	0.347	ng/ul	
25) Benzo(k)fluoranthene	23.222	252	6267m	0.405	ng/ul	
26) Benzo(a)pyrene	23.810	252	7053	0.426	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.432	276	8658	0.401	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.465	278	6390	0.395	ng/ul#	70
29) Benzo(g,h,i)perylene	27.193	276	8942	0.429	ng/ul#	93

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

Abundance Scan 38 (3.343 min): BM034399.D\data.ms (-31)



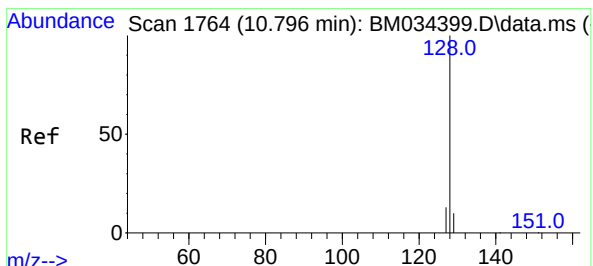
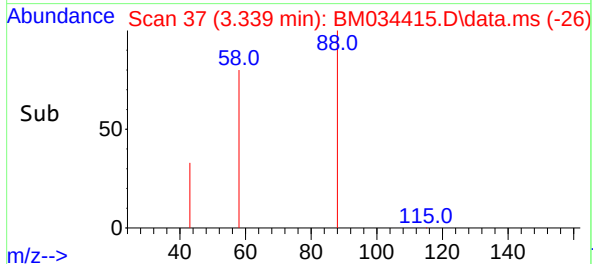
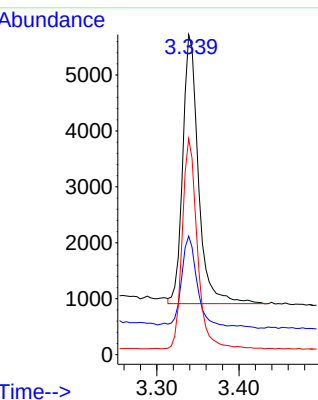
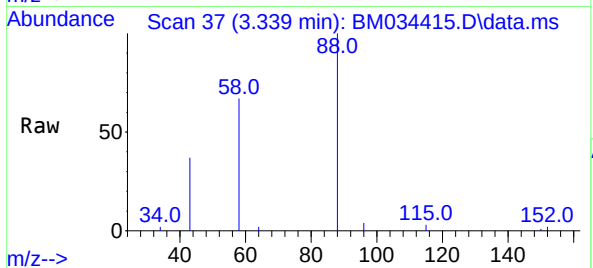
#2
1,4-Dioxane
Concen: 2.225 ng/ul
RT: 3.339 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM034415.D
Acq: 29 Mar 2022 19:53

Instrument :
BNA_M
ClientSampleId :
SLCS574

Tgt Ion: 88 Resp: 639
Ion Ratio Lower Upper
88 100
43 37.0 49.7 74.5
58 67.5 52.5 78.7

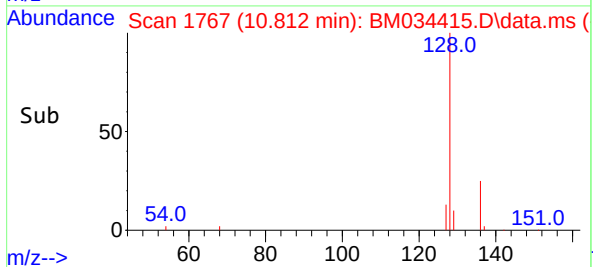
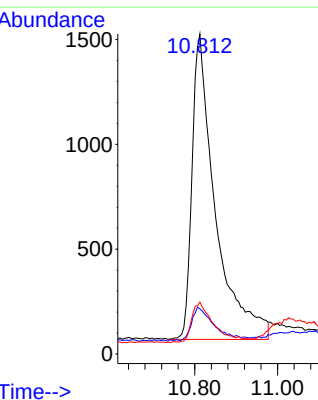
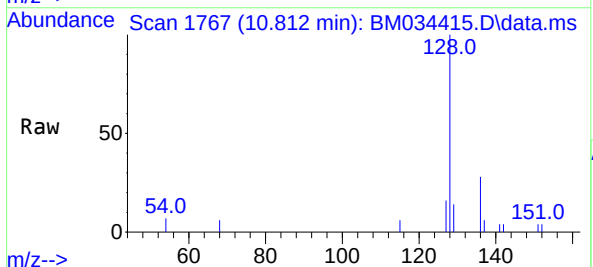
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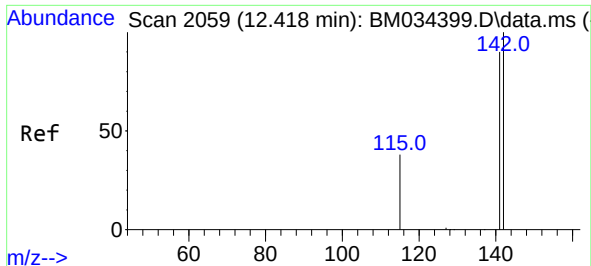
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#5
Naphthalene
Concen: 0.363 ng/ul
RT: 10.812 min Scan# 1767
Delta R.T. 0.011 min
Lab File: BM034415.D
Acq: 29 Mar 2022 19:53

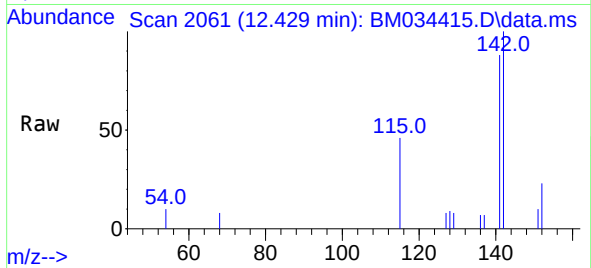
Tgt Ion:128 Resp: 5689
Ion Ratio Lower Upper
128 100
129 14.1 13.4 20.2
127 16.2 15.2 22.8





#7
2-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.429 min Scan# 2059
Delta R.T. 0.011 min
Lab File: BM034415.D
Acq: 29 Mar 2022 19:53

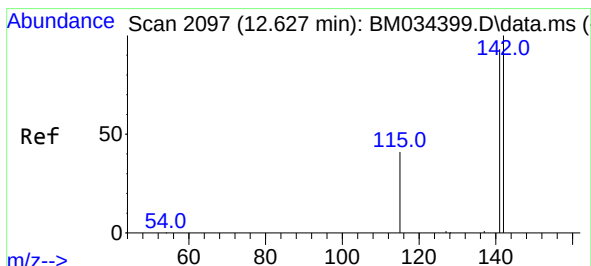
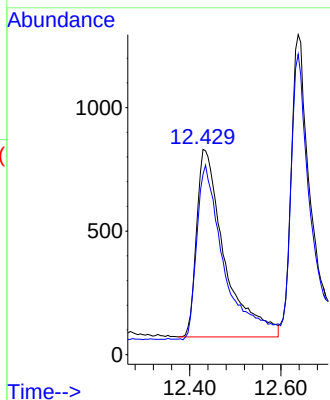
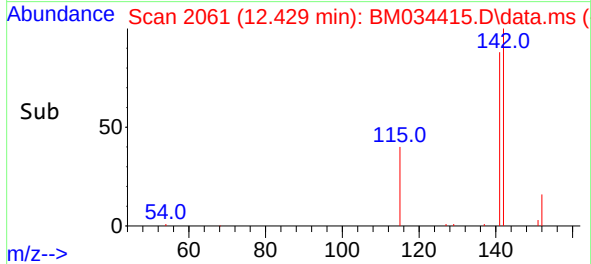
Instrument :
BNA_M
ClientSampleId :
SLCS574



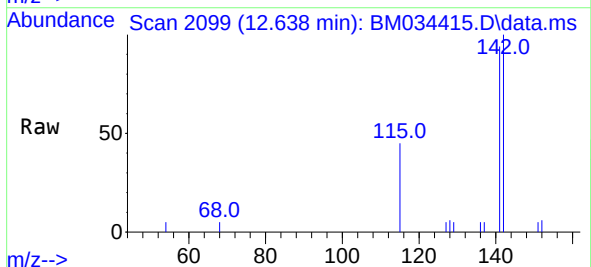
Tgt Ion:142 Resp: 3224
Ion Ratio Lower Upper
142 100
141 92.5 71.8 107.6

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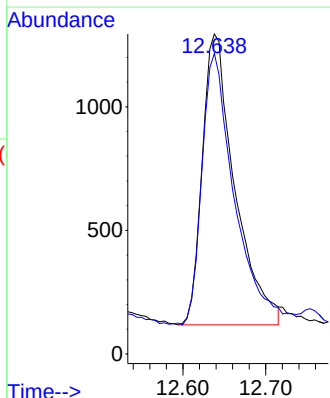
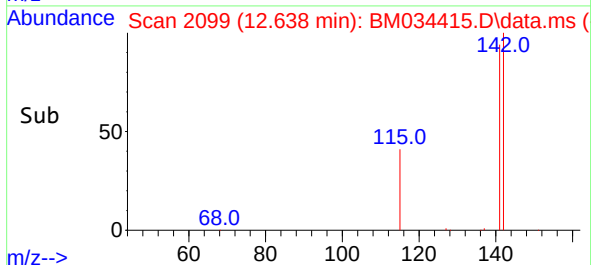
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

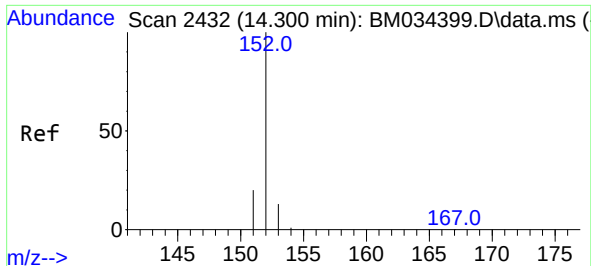


#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. 0.006 min
Lab File: BM034415.D
Acq: 29 Mar 2022 19:53



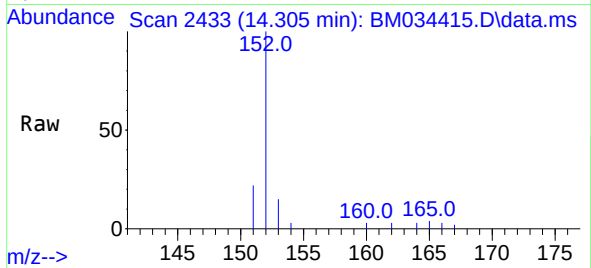
Tgt Ion:142 Resp: 3207
Ion Ratio Lower Upper
142 100
141 91.2 75.0 112.4





#10
Acenaphthylene
Concen: 0.429 ng/ul
RT: 14.305 min Scan# 2432
Delta R.T. 0.005 min
Lab File: BM034415.D
Acq: 29 Mar 2022 19:53

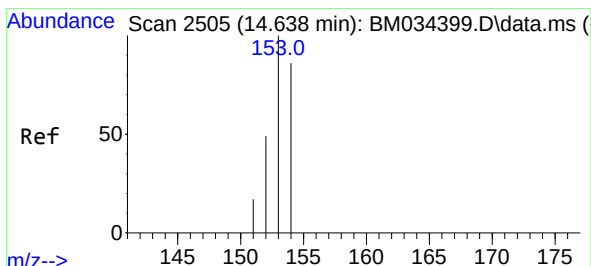
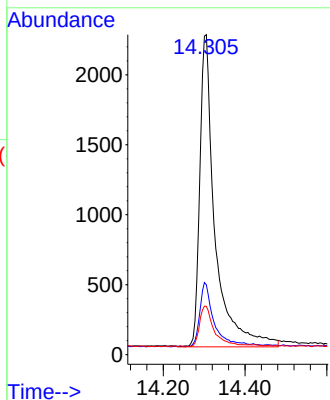
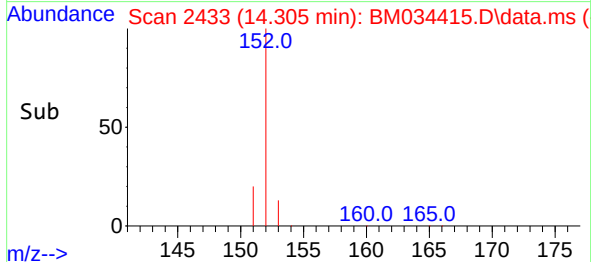
Instrument :
BNA_M
ClientSampleId :
SLCS574



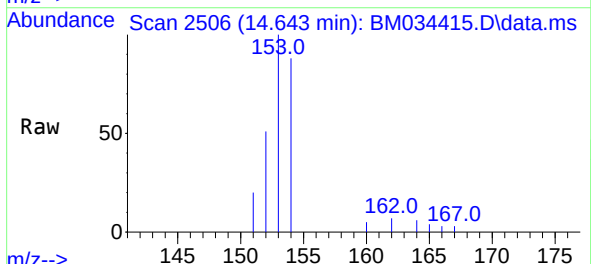
Tgt Ion:152 Resp: 5762
Ion Ratio Lower Upper
152 100
151 21.8 19.9 29.9
153 15.1 15.0 22.4

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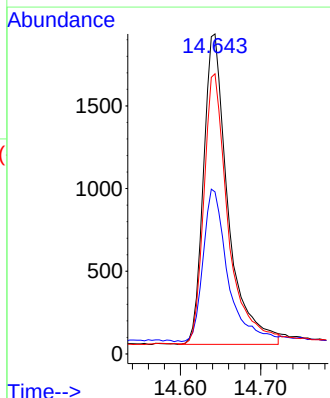
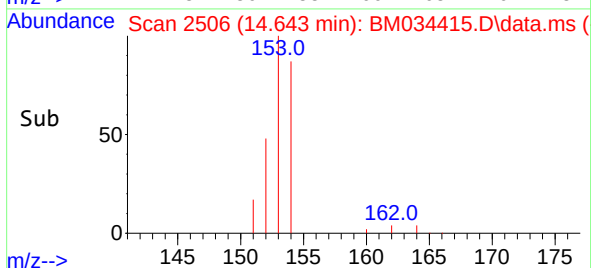
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

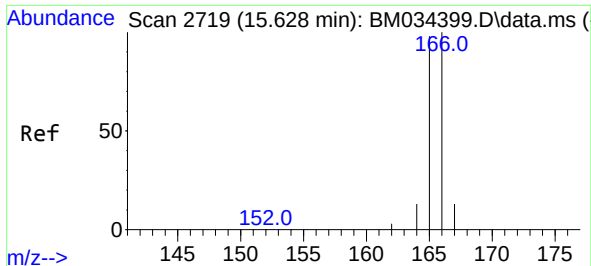


#11
Acenaphthene
Concen: 0.390 ng/ul
RT: 14.643 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BM034415.D
Acq: 29 Mar 2022 19:53



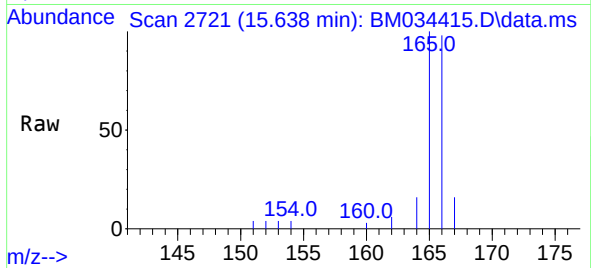
Tgt Ion:153 Resp: 3987
Ion Ratio Lower Upper
153 100
152 50.6 42.4 63.6
154 87.5 66.2 99.2





#12
Fluorene
Concen: 0.383 ng/ul
RT: 15.638 min Scan# 2719
Delta R.T. 0.009 min
Lab File: BM034415.D
Acq: 29 Mar 2022 19:53

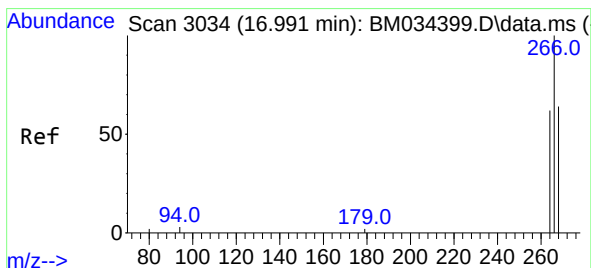
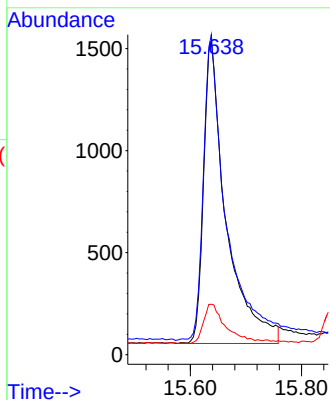
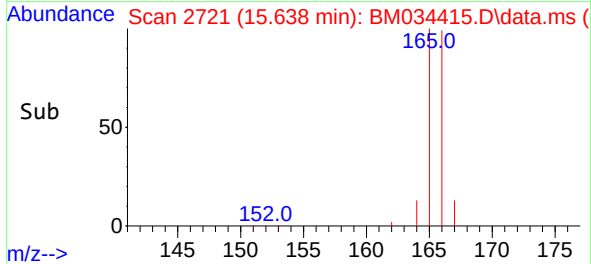
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:166 Resp: 4178
Ion Ratio Lower Upper
166 100
165 102.3 81.1 121.7
167 16.1 14.9 22.3

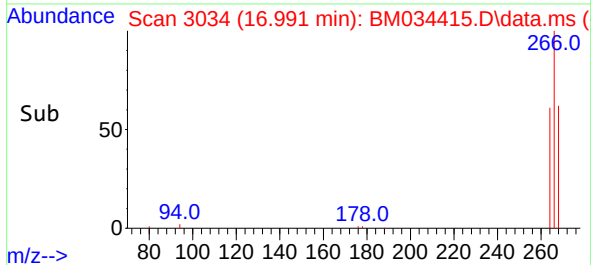
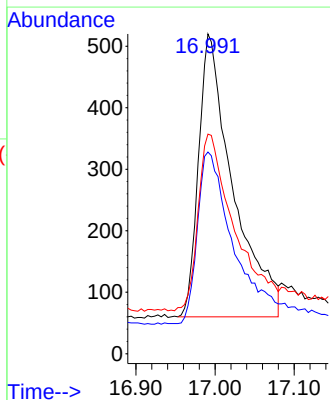
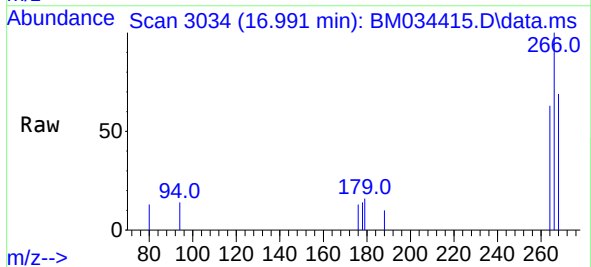
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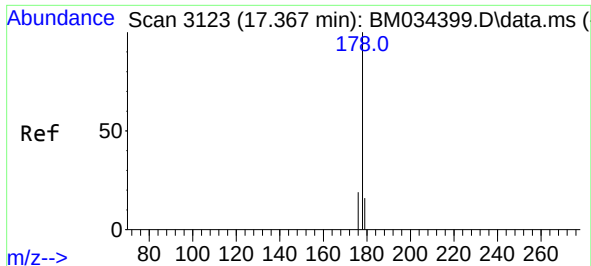
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#14
Pentachlorophenol
Concen: 0.741 ng/ul
RT: 16.991 min Scan# 3034
Delta R.T. 0.000 min
Lab File: BM034415.D
Acq: 29 Mar 2022 19:53

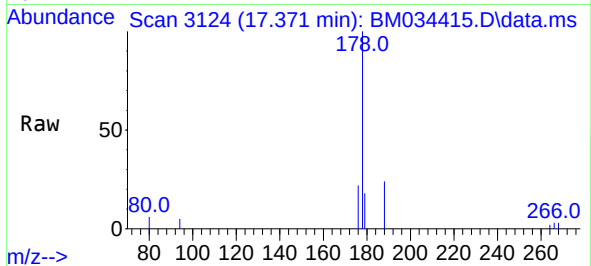
Tgt Ion:266 Resp: 1384
Ion Ratio Lower Upper
266 100
264 64.1 51.4 77.0
268 63.4 53.1 79.7





#15
Phenanthrene
Concen: 0.402 ng/u1
RT: 17.371 min Scan# 3123
Delta R.T. 0.004 min
Lab File: BM034415.D
Acq: 29 Mar 2022 19:53

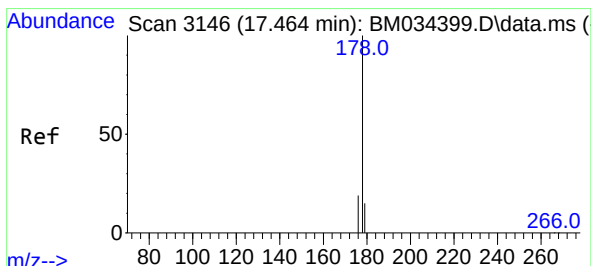
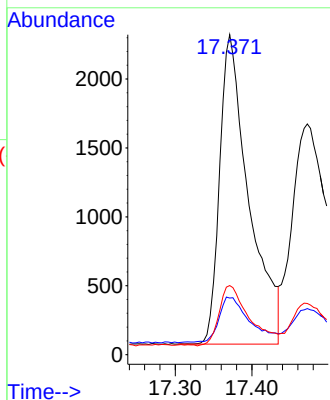
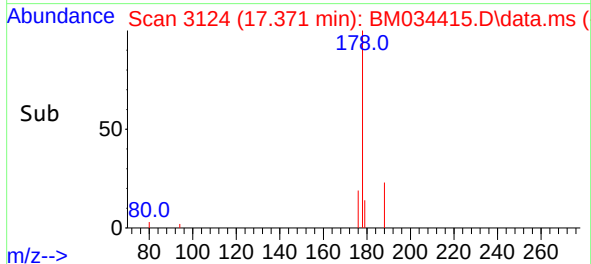
Instrument :
BNA_M
ClientSampleId :
SLCS574



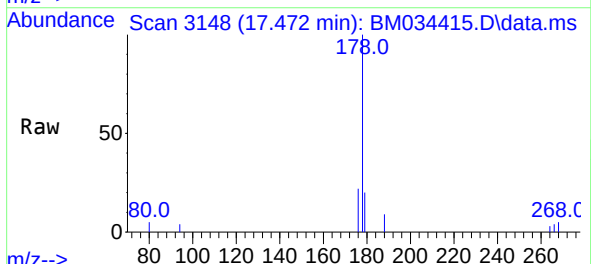
Tgt Ion:178 Resp: 5950
Ion Ratio Lower Upper
178 100
179 17.7 15.0 22.6
176 21.6 17.9 26.9

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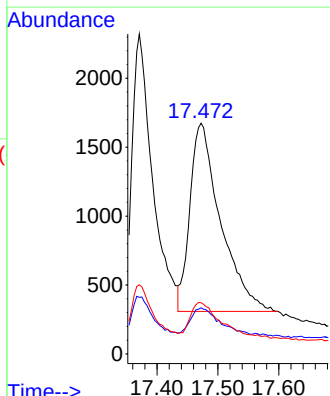
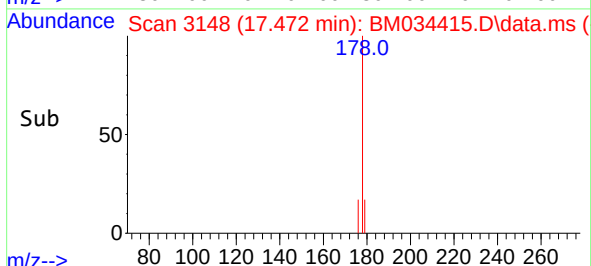
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

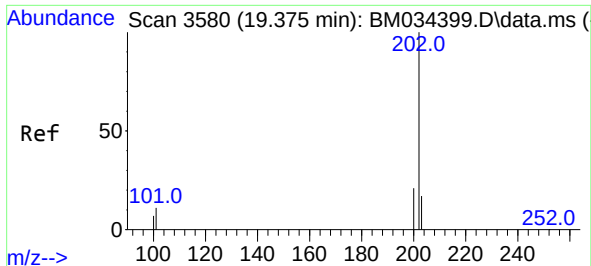


#16
Anthracene
Concen: 0.368 ng/u1
RT: 17.472 min Scan# 3148
Delta R.T. 0.013 min
Lab File: BM034415.D
Acq: 29 Mar 2022 19:53



Tgt Ion:178 Resp: 4784
Ion Ratio Lower Upper
178 100
179 20.0 16.5 24.7
176 22.2 18.3 27.5





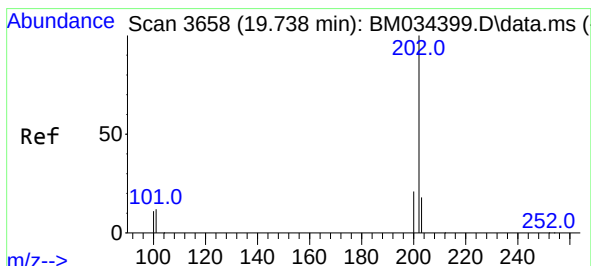
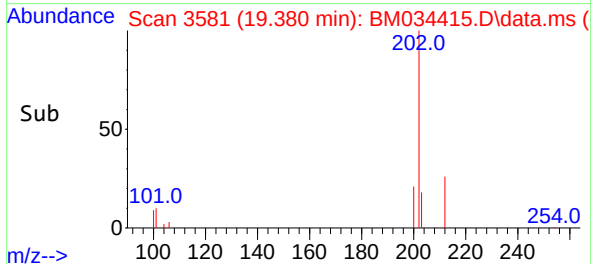
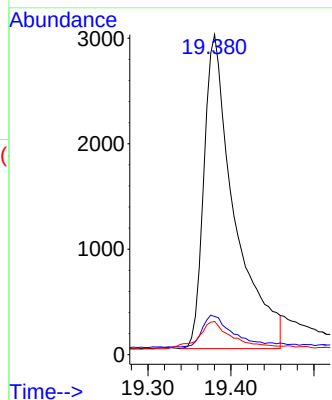
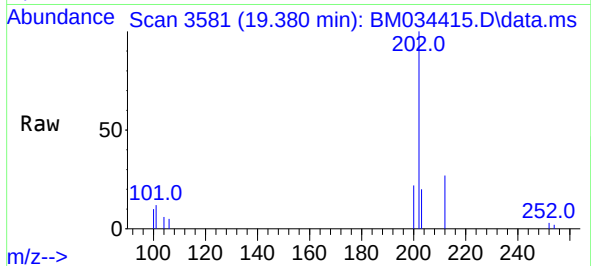
#19
Fluoranthene
Concen: 0.394 ng/u1
RT: 19.380 min Scan# 3581
Delta R.T. 0.005 min
Lab File: BM034415.D
Acq: 29 Mar 2022 19:53

Instrument :
BNA_M
ClientSampleId :
SLCS574

Tgt Ion:202 Resp: 7600
Ion Ratio Lower Upper
202 100
101 11.9 9.2 13.8
100 10.4 7.2 10.8

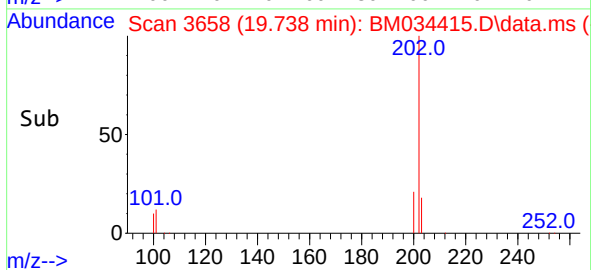
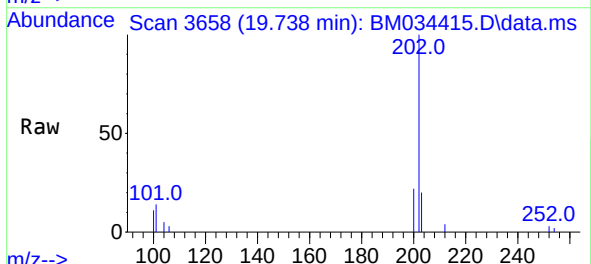
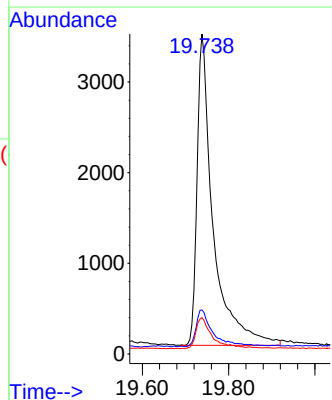
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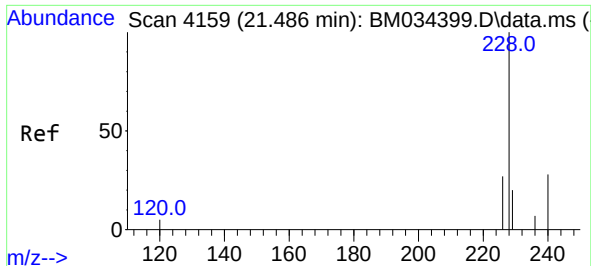
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#20
Pyrene
Concen: 0.416 ng/u1
RT: 19.738 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM034415.D
Acq: 29 Mar 2022 19:53

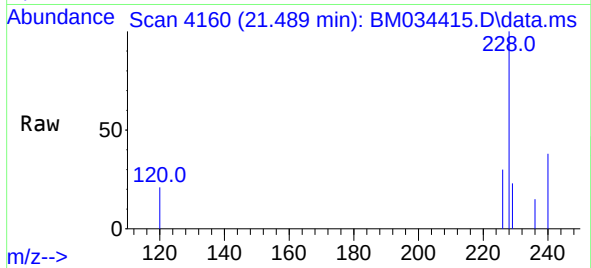
Tgt Ion:202 Resp: 8881
Ion Ratio Lower Upper
202 100
101 13.7 9.3 13.9
100 11.3 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.347 ng/u1
RT: 21.489 min Scan# 4159
Delta R.T. 0.003 min
Lab File: BM034415.D
Acq: 29 Mar 2022 19:53

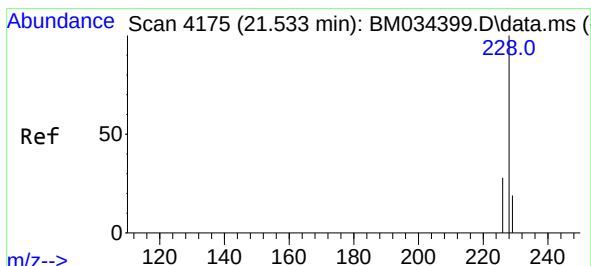
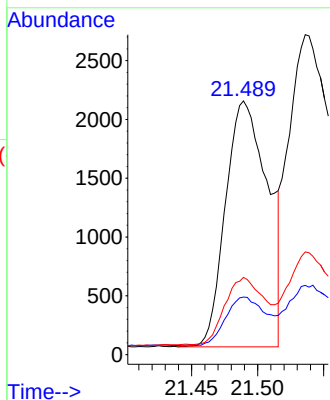
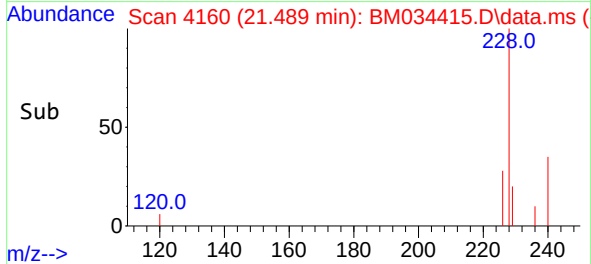
Instrument :
BNA_M
ClientSampleId :
SLCS574



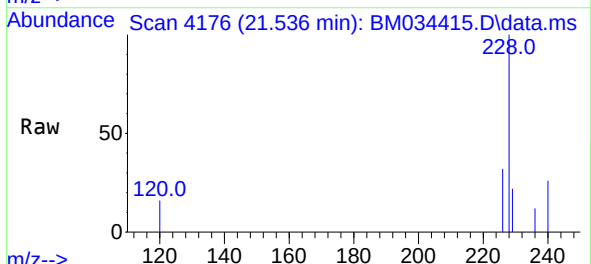
Tgt Ion:228 Resp: 464
Ion Ratio Lower Upper
228 100
229 22.7 17.3 25.9
226 30.4 23.2 34.8

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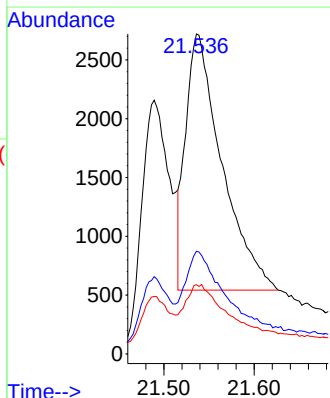
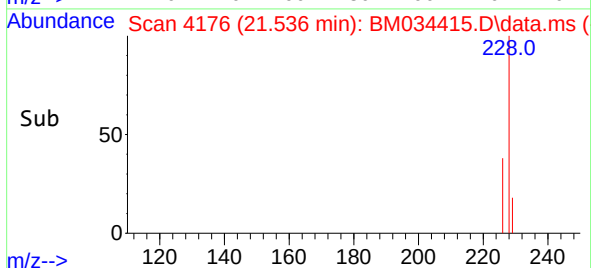
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

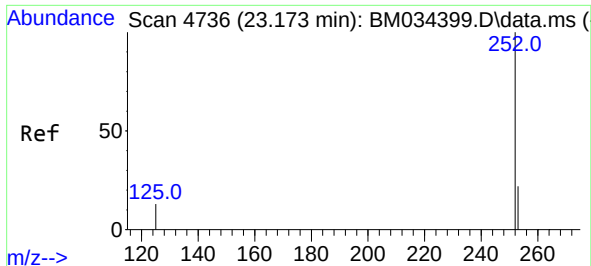


#22
Chrysene
Concen: 0.396 ng/u1
RT: 21.536 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BM034415.D
Acq: 29 Mar 2022 19:53



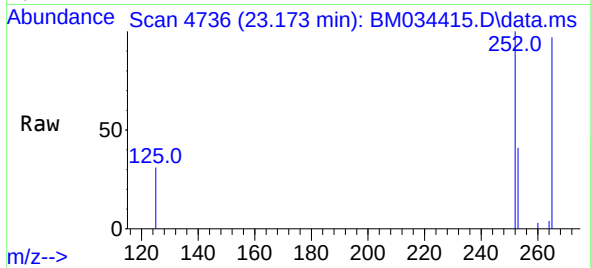
Tgt Ion:228 Resp: 6074
Ion Ratio Lower Upper
228 100
226 32.1 25.8 38.8
229 21.6 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul m
RT: 23.173 min Scan# 4736
Delta R.T. -0.003 min
Lab File: BM034415.D
Acq: 29 Mar 2022 19:53

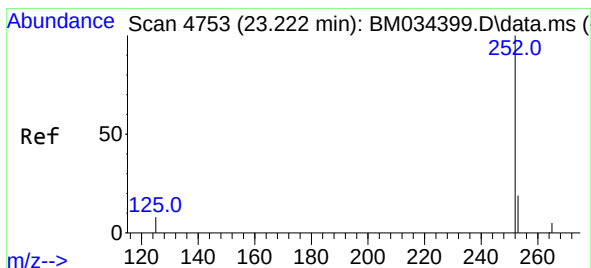
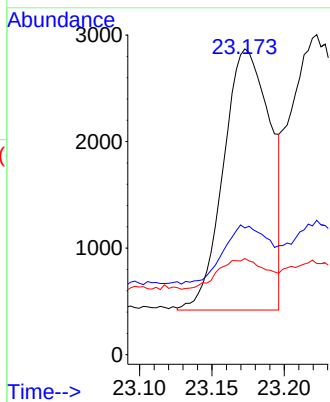
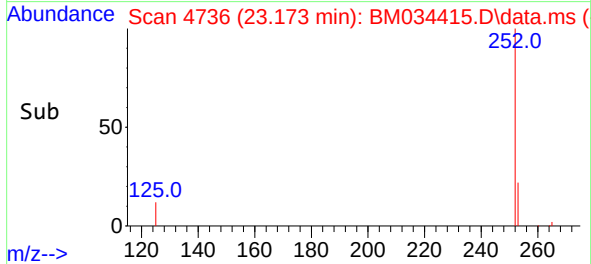
Instrument :
BNA_M
ClientSampleId :
SLCS574



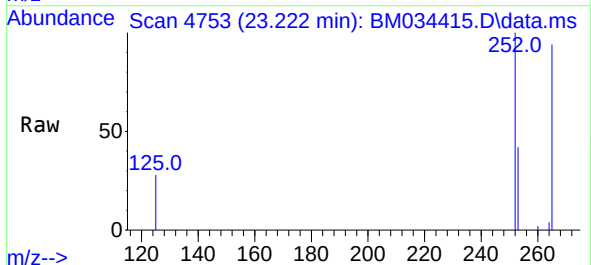
Tgt Ion:252 Resp: 554
Ion Ratio Lower Upper
252 100
253 41.5 0.0 64.2
125 31.5 0.0 28.8

Manual Integrations
APPROVED

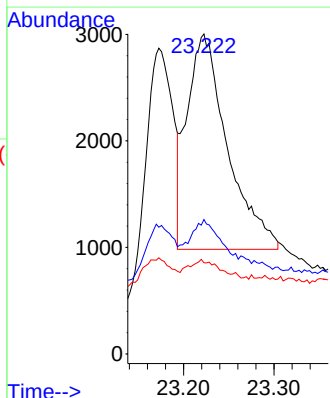
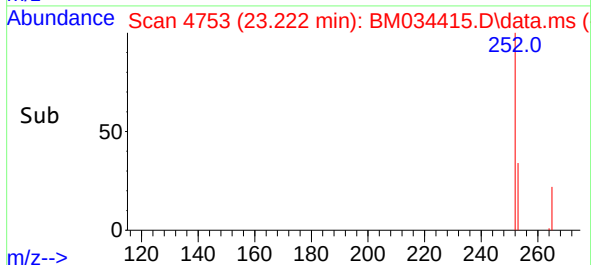
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

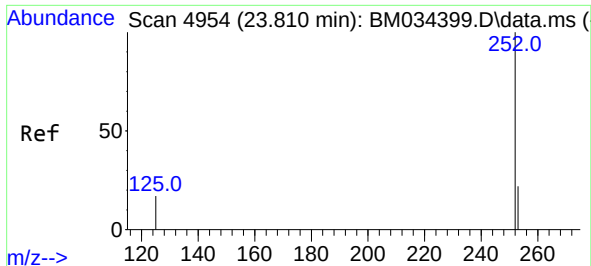


#25
Benzo(k)fluoranthene
Concen: 0.405 ng/ul m
RT: 23.222 min Scan# 4753
Delta R.T. -0.003 min
Lab File: BM034415.D
Acq: 29 Mar 2022 19:53



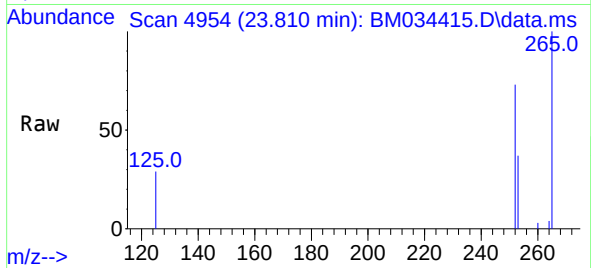
Tgt Ion:252 Resp: 6267
Ion Ratio Lower Upper
252 100
253 42.0 26.8 40.2#
125 28.5 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.426 ng/ul
RT: 23.810 min Scan# 4954
Delta R.T. 0.003 min
Lab File: BM034415.D
Acq: 29 Mar 2022 19:53

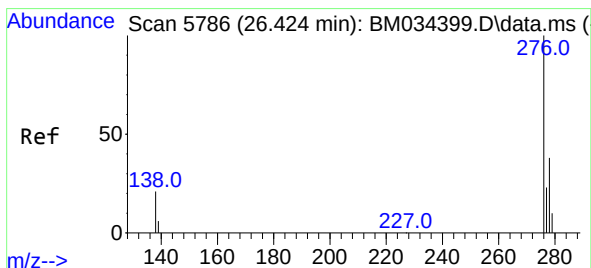
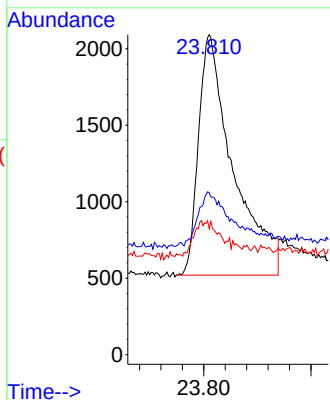
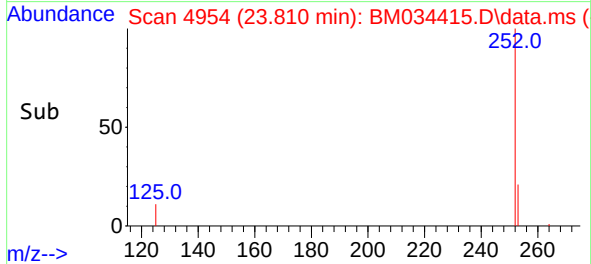
Instrument :
BNA_M
ClientSampleId :
SLCS574



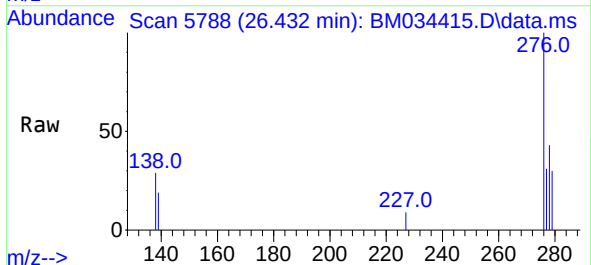
Tgt Ion:252 Resp: 705
Ion Ratio Lower Upper
252 100
253 50.6 32.0 48.0
125 39.4 14.5 21.7

Manual Integrations
APPROVED

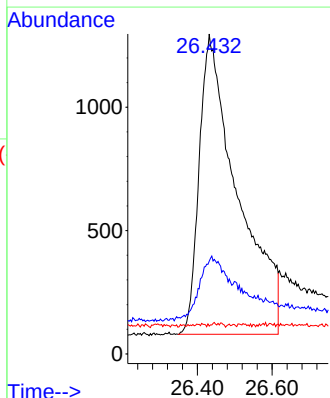
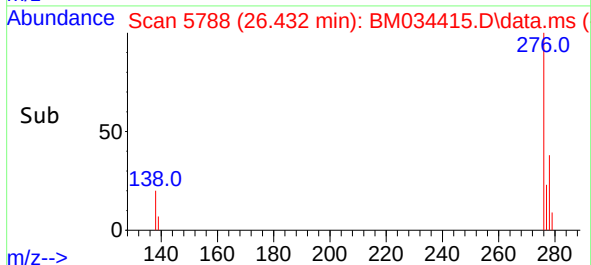
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

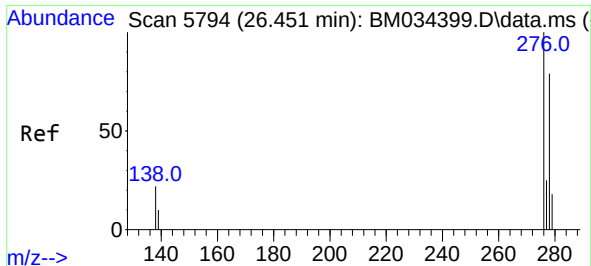


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng/ul
RT: 26.432 min Scan# 5788
Delta R.T. -0.003 min
Lab File: BM034415.D
Acq: 29 Mar 2022 19:53



Tgt Ion:276 Resp: 8658
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: 0.395 ng/ul

RT: 26.465 min Scan# 5794

Delta R.T. 0.007 min

Lab File: BM034415.D

Acq: 29 Mar 2022 19:53

Instrument :

BNM

ClientSampleId :

SLCS574

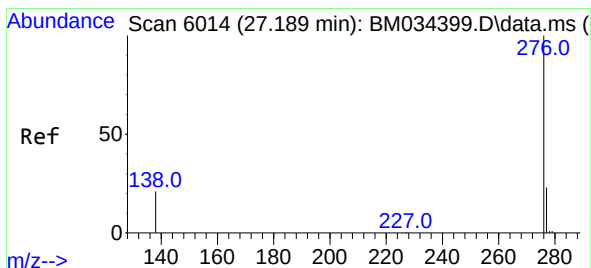
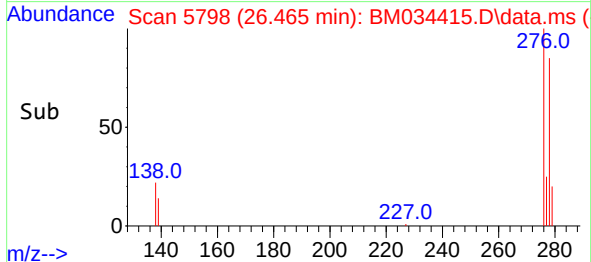
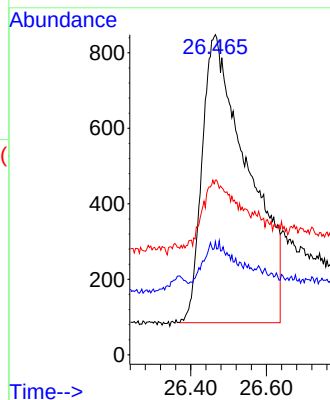
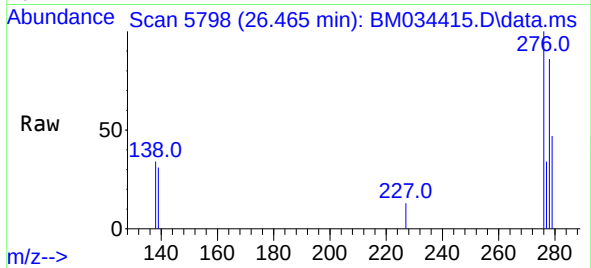
Tgt Ion:278 Resp: 6390

Ion	Ratio	Lower	Upper
278	100		
139	35.4	18.0	27.0
279	54.6	28.6	42.8

Manual Integrations

APPROVED

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



#29

Benzo(g,h,i)perylene

Concen: 0.429 ng/ul

RT: 27.193 min Scan# 6015

Delta R.T. -0.013 min

Lab File: BM034415.D

Acq: 29 Mar 2022 19:53

Tgt Ion:276 Resp: 8942

Ion	Ratio	Lower	Upper
276	100		
138	28.1	17.4	26.0
277	28.9	22.6	33.8

