

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
 Data File : BM034414.D
 Acq On : 29 Mar 2022 19:17
 Operator : CG/JU
 Sample : PB143562BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS562

Manual Integrations
 APPROVED

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

Quant Time: Mar 30 02:31:45 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	7.941	152	2576	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	8009	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.574	164	4518	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	7903	0.400	ng/ul	0.00
17) Chrysene-d12	21.504	240	5521	0.400	ng/ul #	0.00
23) Perylene-d12	23.915	264	4887	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	2763	0.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	3880	0.359	ng/ul	0.01
18) Fluoranthene-d10	19.348	212	8539	0.496	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.339	88	7994	1.889	ng/ul#	81
5) Naphthalene	10.801	128	8296	0.358	ng/ul#	91
7) 2-Methylnaphthalene	12.423	142	4954	0.349	ng/ul	98
8) 1-Methylnaphthalene	12.632	142	4936	0.348	ng/ul	99
10) Acenaphthylene	14.301	152	8434	0.388	ng/ul#	91
11) Acenaphthene	14.638	153	5998	0.362	ng/ul	96
12) Fluorene	15.628	166	6418	0.363	ng/ul	99
14) Pentachlorophenol	16.987	266	2053	0.645	ng/ul	98
15) Phenanthrene	17.362	178	9393	0.372	ng/ul	96
16) Anthracene	17.464	178	7758	0.350	ng/ul	96
19) Fluoranthene	19.376	202	11223	0.451	ng/ul	98
20) Pyrene	19.738	202	12585	0.458	ng/ul	96
21) Benzo(a)anthracene	21.489	228	5692m	0.330	ng/ul	
22) Chrysene	21.539	228	7712	0.390	ng/ul	99
24) Benzo(b)fluoranthene	23.176	252	6365	0.377	ng/ul#	78
25) Benzo(k)fluoranthene	23.222	252	6199	0.379	ng/ul#	82
26) Benzo(a)pyrene	23.810	252	7340	0.419	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	26.435	276	8402	0.368	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.465	278	6217	0.363	ng/ul#	68
29) Benzo(g,h,i)perylene	27.196	276	8613	0.391	ng/ul#	93

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

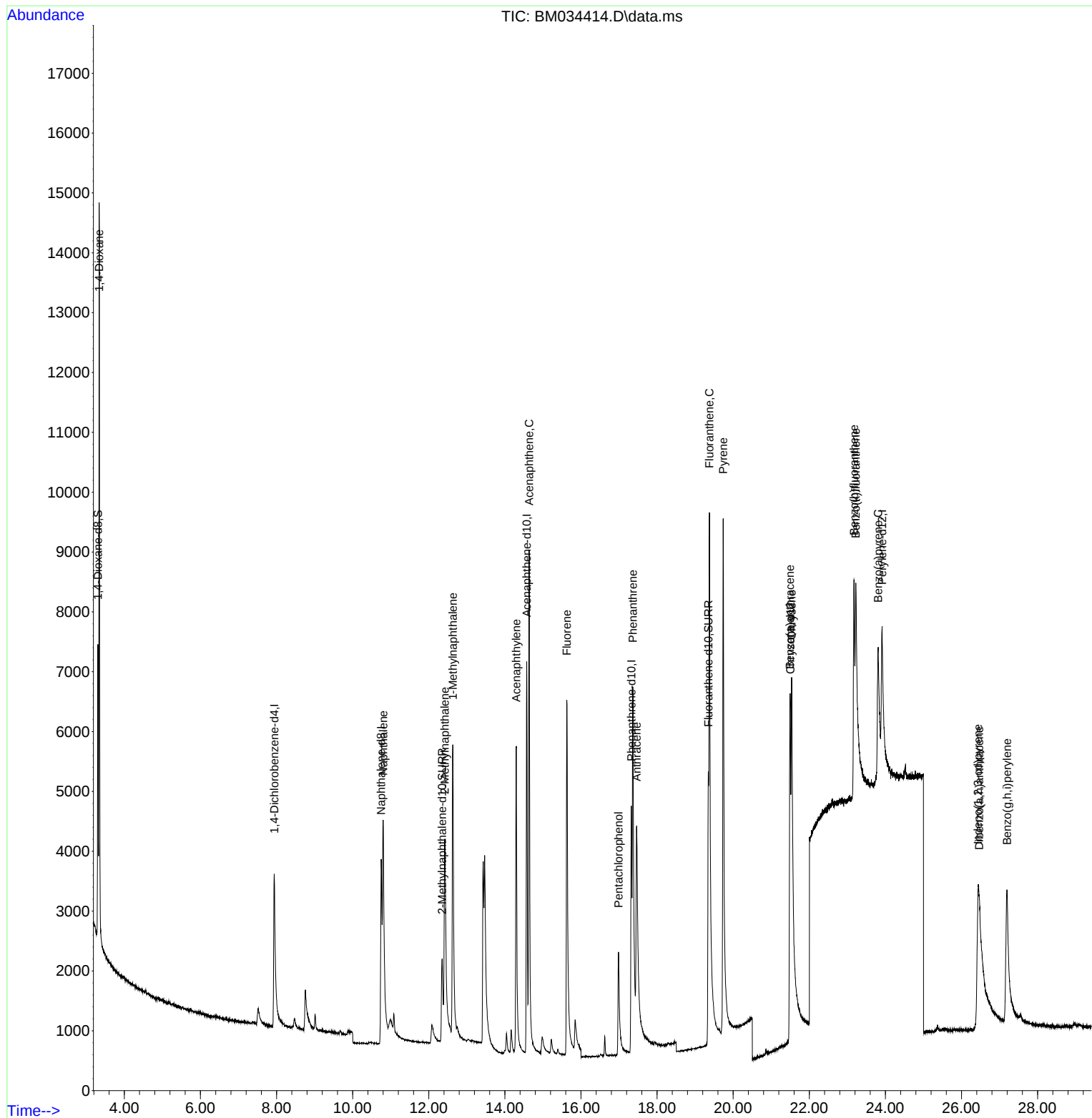
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032922\
Data File : BM034414.D
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Operator : CG/JU
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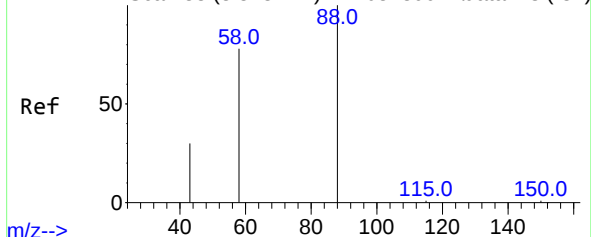
Manual Integrations
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Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

Quant Time: Mar 30 02:31:45 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



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



#2

1,4-Dioxane

Concen: 1.889 ng/ul

RT: 3.339 min Scan# 31

Delta R.T. -0.004 min

Lab File: BM034414.D

Acq: 29 Mar 2022 19:17

Instrument :

BNA_M

ClientSampleId :

SLCS562

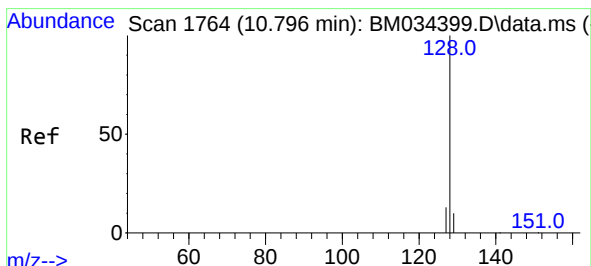
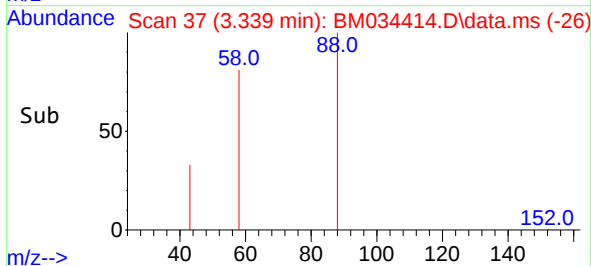
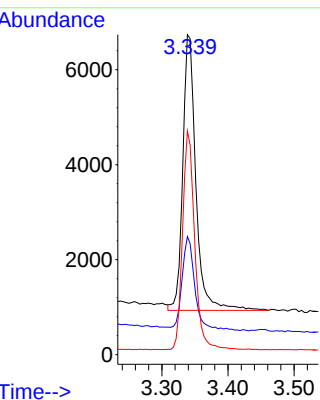
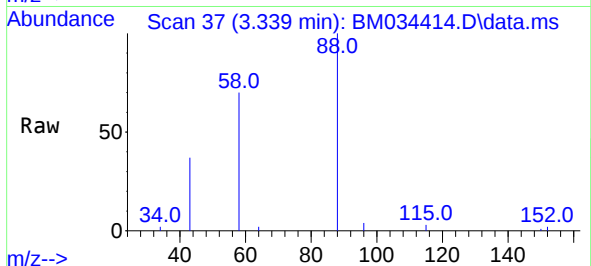
Tgt Ion: 88 Resp: 7994

Ion	Ratio	Lower	Upper
88	100		
43	36.9	49.7	74.5
58	69.9	52.5	78.7

Manual Integrations

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



#5

Naphthalene

Concen: 0.358 ng/ul

RT: 10.801 min Scan# 1765

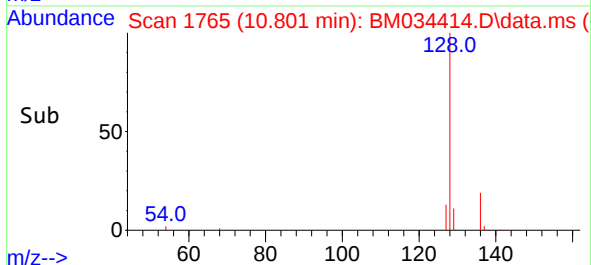
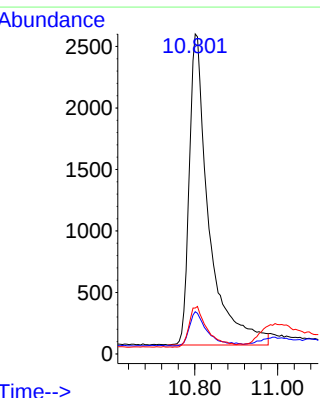
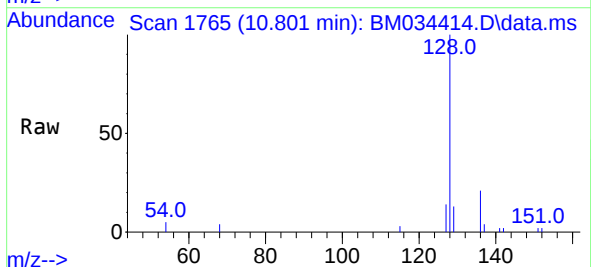
Delta R.T. 0.000 min

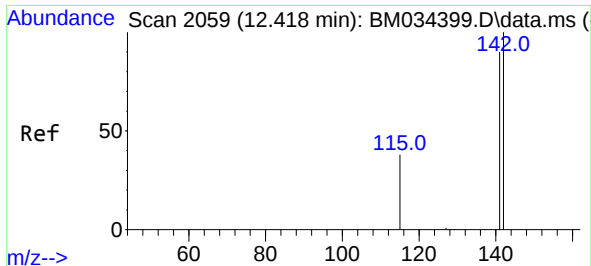
Lab File: BM034414.D

Acq: 29 Mar 2022 19:17

Tgt Ion:128 Resp: 8296

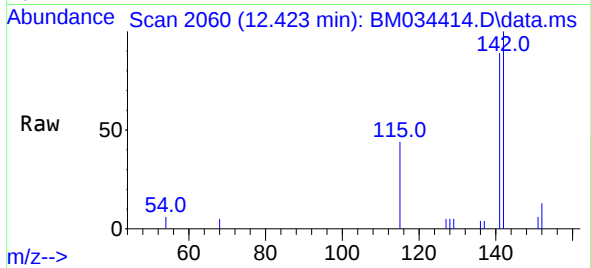
Ion	Ratio	Lower	Upper
128	100		
129	13.2	13.4	20.2
127	14.3	15.2	22.8





#7
2-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.423 min Scan# 2059
Delta R.T. 0.006 min
Lab File: BM034414.D
Acq: 29 Mar 2022 19:17

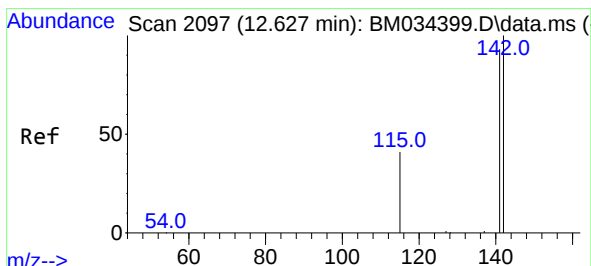
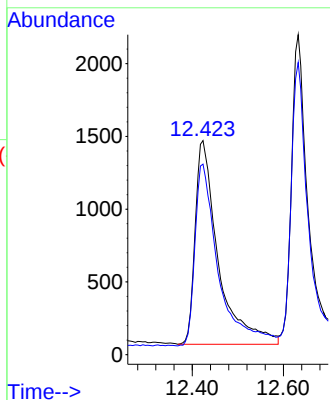
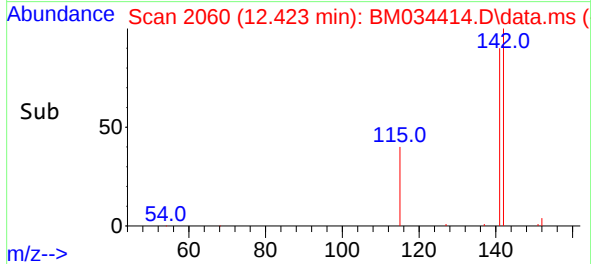
Instrument :
BNA_M
ClientSampleId :
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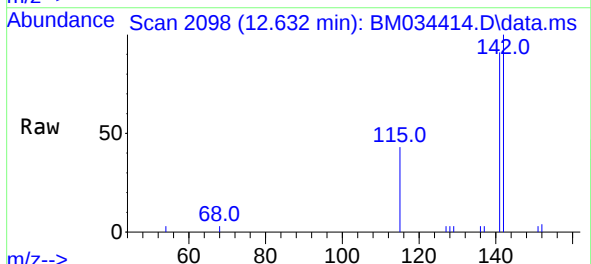
Tgt Ion:142 Resp: 4954
Ion Ratio Lower Upper
142 100
141 91.2 71.8 107.6

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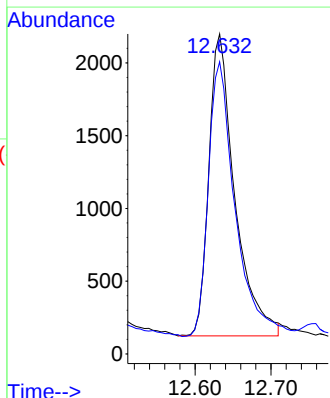
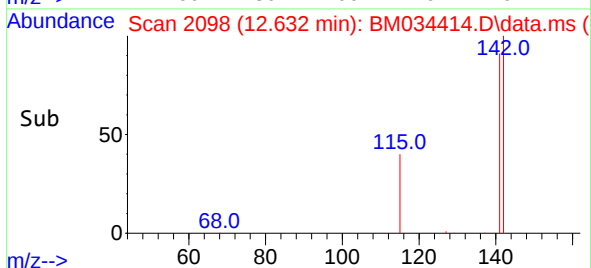
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

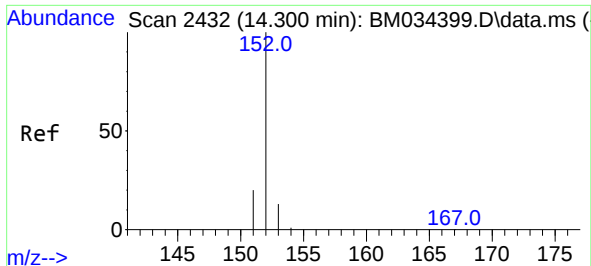


#8
1-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.632 min Scan# 2098
Delta R.T. 0.000 min
Lab File: BM034414.D
Acq: 29 Mar 2022 19:17



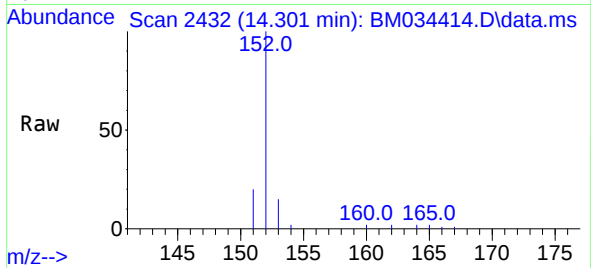
Tgt Ion:142 Resp: 4936
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.4





#10
Acenaphthylene
Concen: 0.388 ng/u1
RT: 14.301 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM034414.D
Acq: 29 Mar 2022 19:17

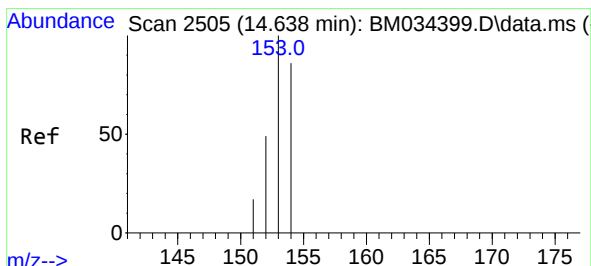
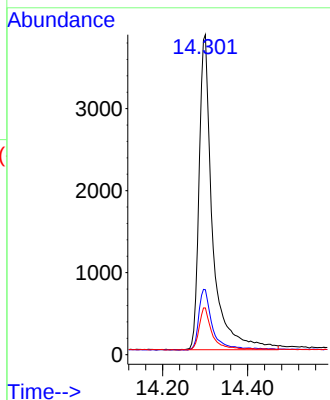
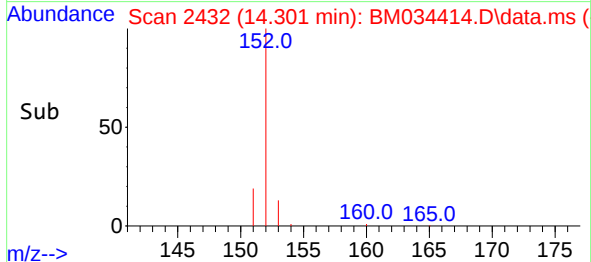
Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 8434
Ion Ratio Lower Upper
152 100
151 20.3 19.9 29.9
153 14.6 15.0 22.4

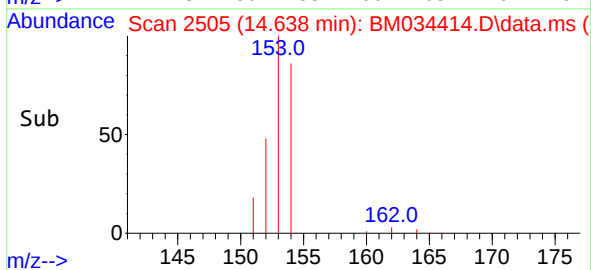
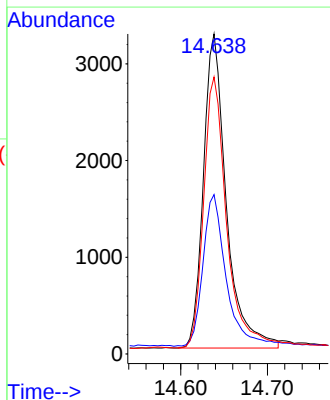
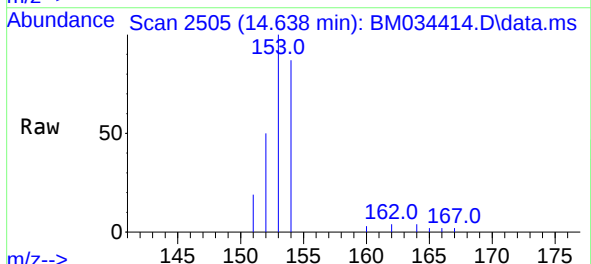
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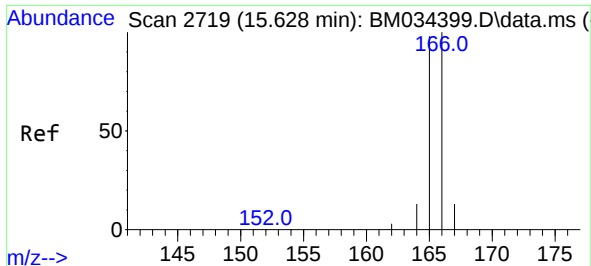
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#11
Acenaphthene
Concen: 0.362 ng/u1
RT: 14.638 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BM034414.D
Acq: 29 Mar 2022 19:17

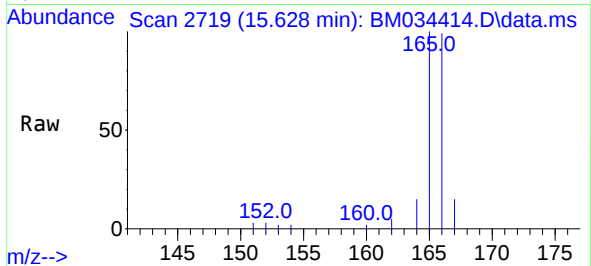
Tgt Ion:153 Resp: 5998
Ion Ratio Lower Upper
153 100
152 49.8 42.4 63.6
154 86.6 66.2 99.2





#12
Fluorene
Concen: 0.363 ng/ul
RT: 15.628 min Scan# 2719
Delta R.T. 0.000 min
Lab File: BM034414.D
Acq: 29 Mar 2022 19:17

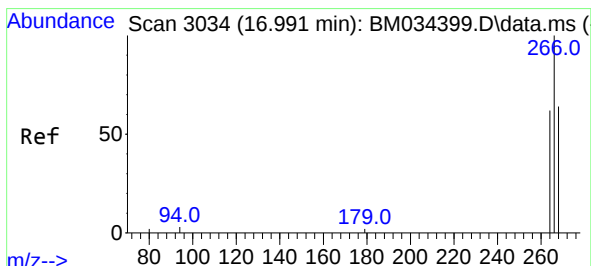
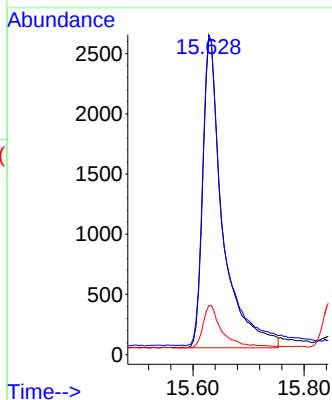
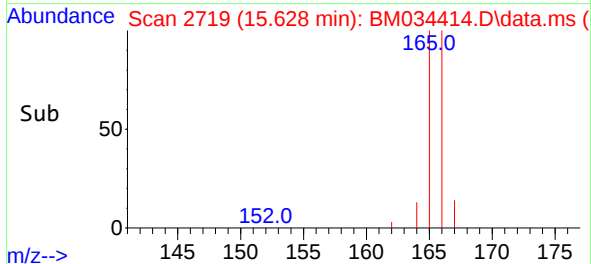
Instrument :
BNA_M
ClientSampleId :
SLCS562



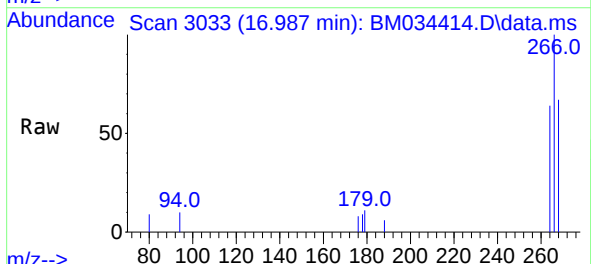
Tgt Ion:166 Resp: 6418
Ion Ratio Lower Upper
166 100
165 101.1 81.1 121.7
167 15.4 14.9 22.3

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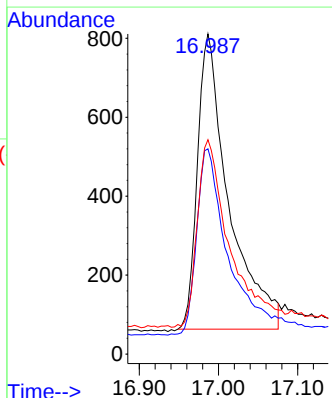
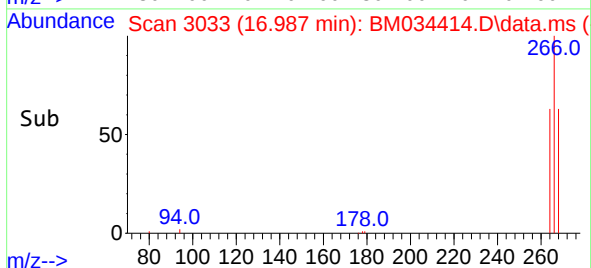
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

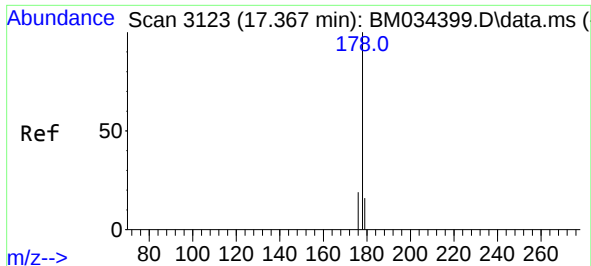


#14
Pentachlorophenol
Concen: 0.645 ng/ul
RT: 16.987 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BM034414.D
Acq: 29 Mar 2022 19:17



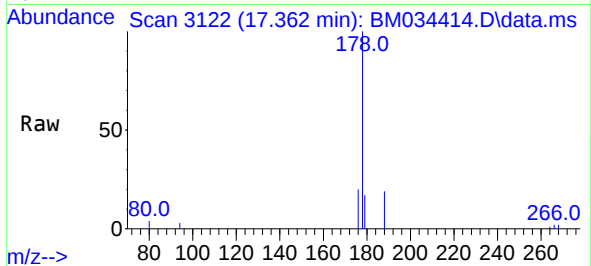
Tgt Ion:266 Resp: 2053
Ion Ratio Lower Upper
266 100
264 62.9 51.4 77.0
268 64.4 53.1 79.7





#15
Phenanthrene
Concen: 0.372 ng/u1
RT: 17.362 min Scan# 3122
Delta R.T. -0.004 min
Lab File: BM034414.D
Acq: 29 Mar 2022 19:17

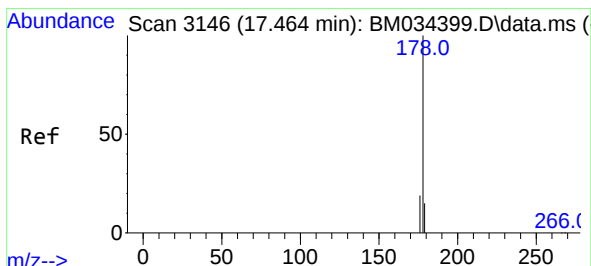
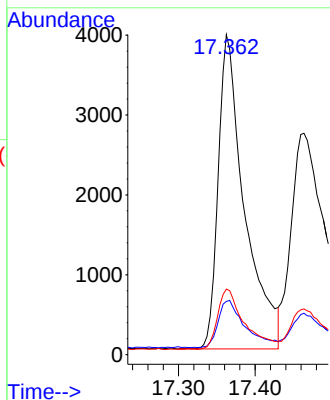
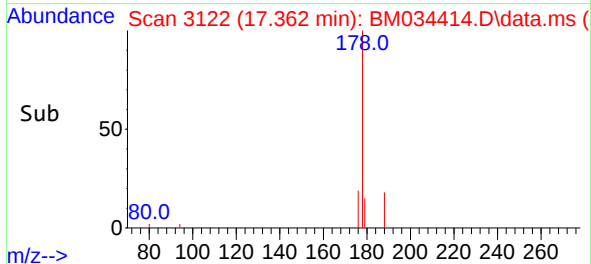
Instrument :
BNA_M
ClientSampleId :
SLCS562



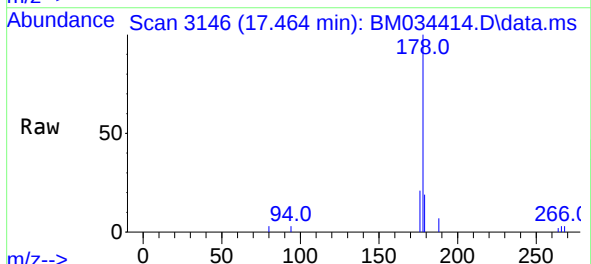
Tgt Ion:178 Resp: 939
Ion Ratio Lower Upper
178 100
179 16.7 15.0 22.6
176 20.5 17.9 26.9

Manual Integrations
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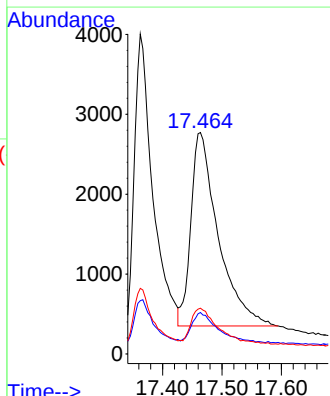
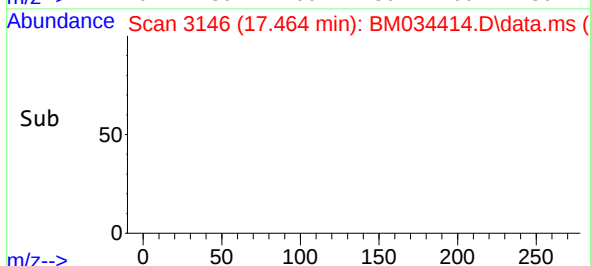
Reviewed By :Jagrut Upadhyay 03/31/2022
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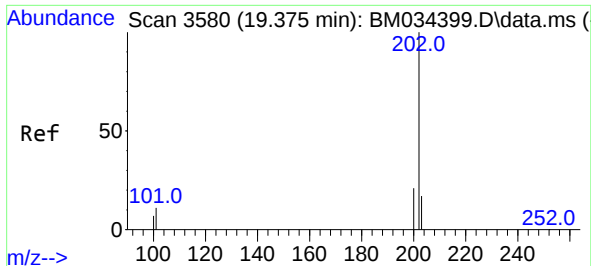


#16
Anthracene
Concen: 0.350 ng/u1
RT: 17.464 min Scan# 3146
Delta R.T. 0.004 min
Lab File: BM034414.D
Acq: 29 Mar 2022 19:17



Tgt Ion:178 Resp: 7758
Ion Ratio Lower Upper
178 100
179 18.7 16.5 24.7
176 20.7 18.3 27.5





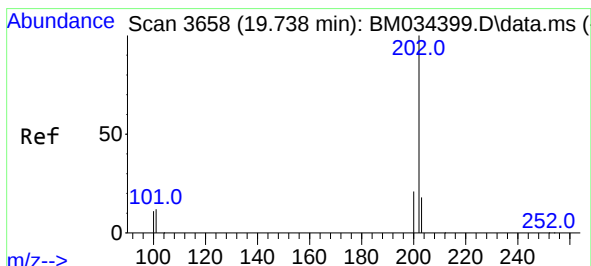
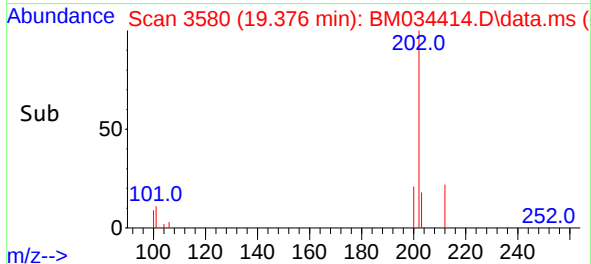
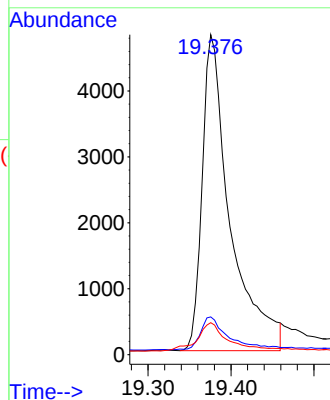
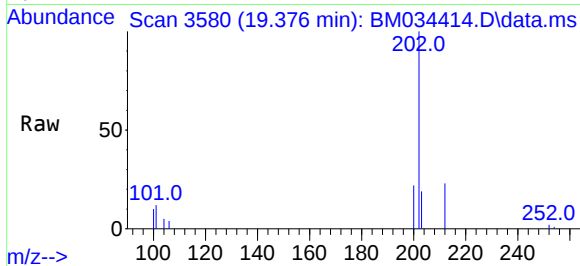
#19
Fluoranthene
Concen: 0.451 ng/u1
RT: 19.376 min Scan# 3580
Delta R.T. 0.000 min
Lab File: BM034414.D
Acq: 29 Mar 2022 19:17

Instrument :
BNA_M
ClientSampleId :
SLCS562

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.2	13.8
100	10.0	7.2	10.8

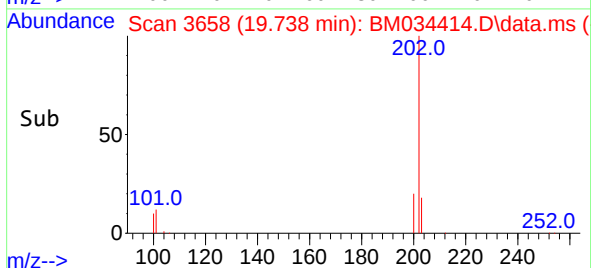
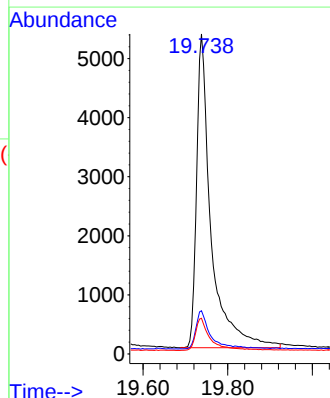
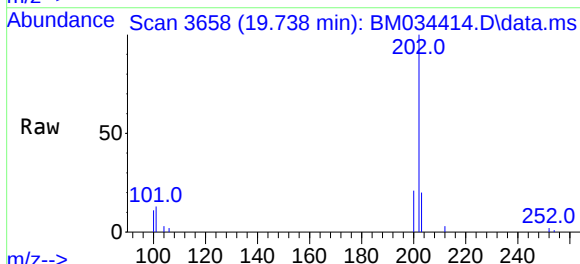
Manual Integrations
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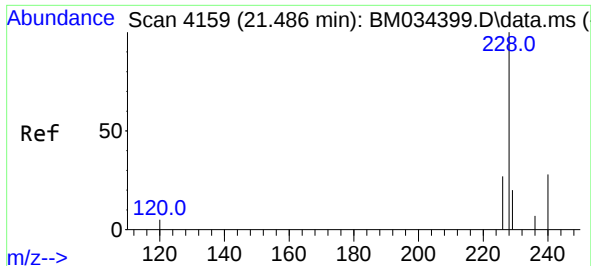
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#20
Pyrene
Concen: 0.458 ng/u1
RT: 19.738 min Scan# 3658
Delta R.T. 0.000 min
Lab File: BM034414.D
Acq: 29 Mar 2022 19:17

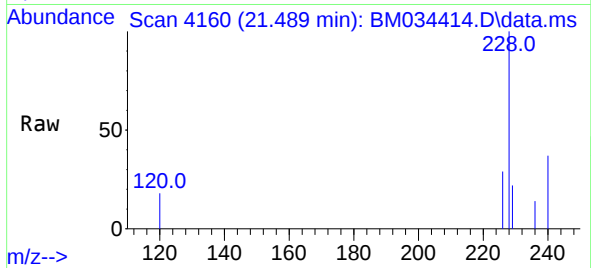
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.3	13.9
100	11.1	7.8	11.6





#21
Benzo(a)anthracene
Concen: 0.330 ng/ul m
RT: 21.489 min Scan# 4159
Delta R.T. 0.003 min
Lab File: BM034414.D
Acq: 29 Mar 2022 19:17

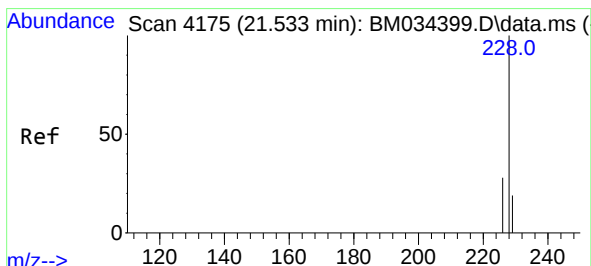
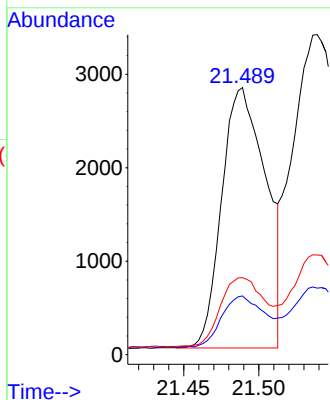
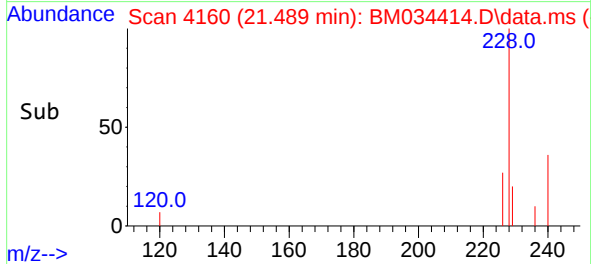
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 5692
Ion Ratio Lower Upper
228 100
229 22.0 17.3 25.9
226 28.8 23.2 34.8

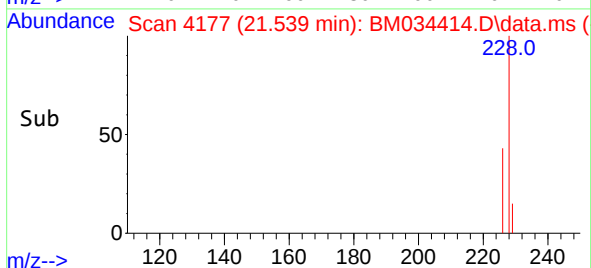
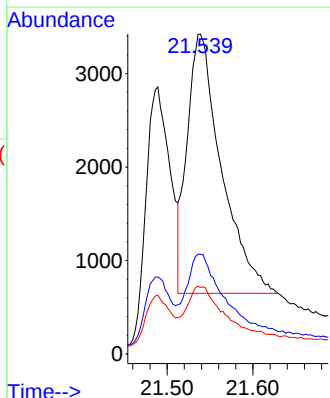
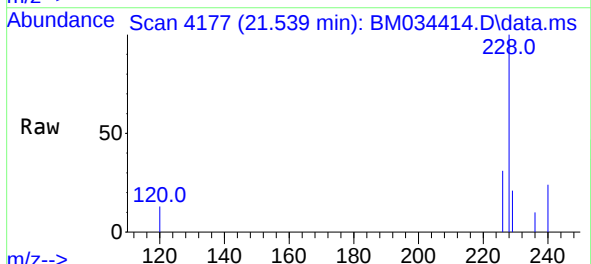
Manual Integrations
APPROVED

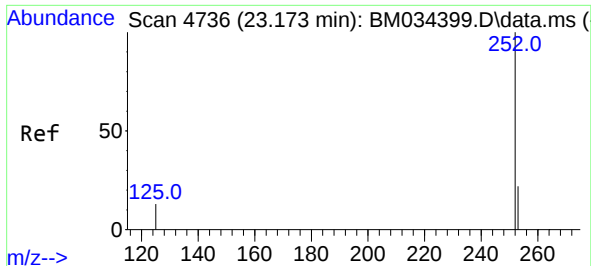
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022



#22
Chrysene
Concen: 0.390 ng/ul
RT: 21.539 min Scan# 4177
Delta R.T. 0.000 min
Lab File: BM034414.D
Acq: 29 Mar 2022 19:17

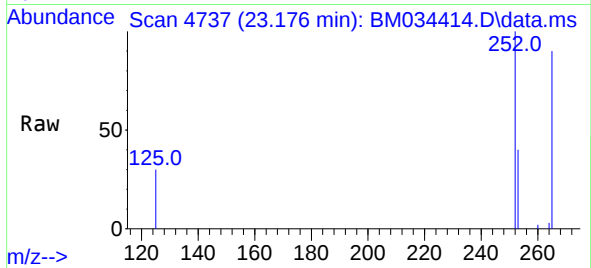
Tgt Ion:228 Resp: 7712
Ion Ratio Lower Upper
228 100
226 31.2 25.8 38.8
229 20.8 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 23.176 min Scan# 4736
Delta R.T. 0.000 min
Lab File: BM034414.D
Acq: 29 Mar 2022 19:17

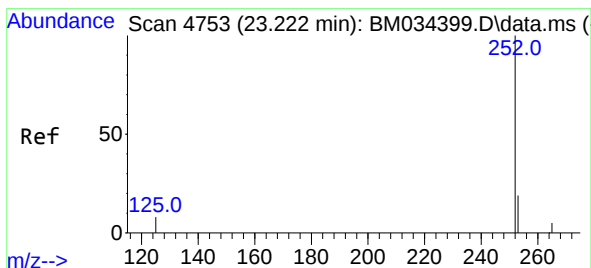
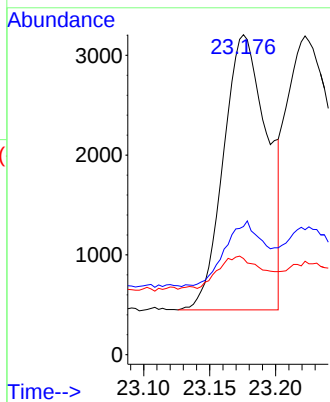
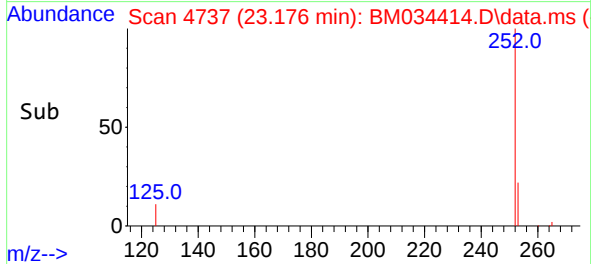
Instrument :
BNA_M
ClientSampleId :
SLCS562



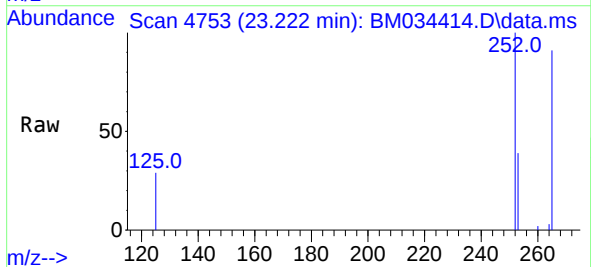
Tgt Ion:252 Resp: 636
Ion Ratio Lower Upper
252 100
253 40.0 0.0 64.2
125 30.1 0.0 28.8

Manual Integrations
APPROVED

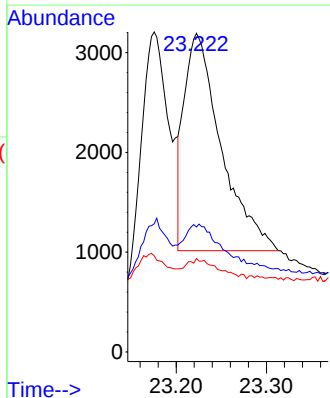
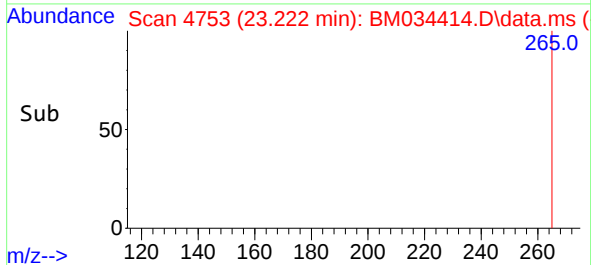
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

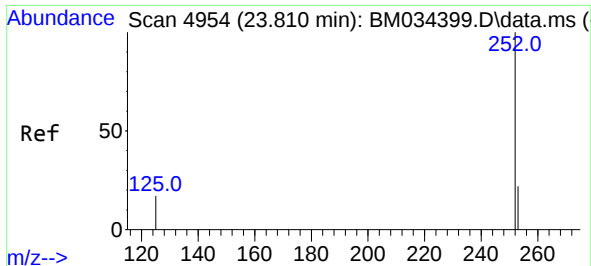


#25
Benzo(k)fluoranthene
Concen: 0.379 ng/ul
RT: 23.222 min Scan# 4753
Delta R.T. -0.003 min
Lab File: BM034414.D
Acq: 29 Mar 2022 19:17



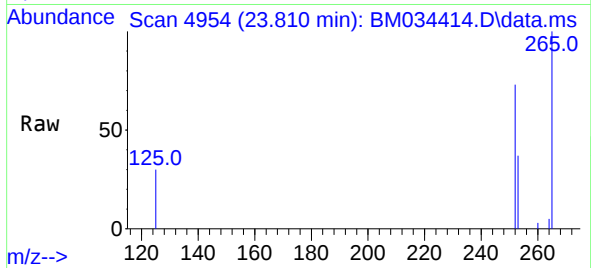
Tgt Ion:252 Resp: 6199
Ion Ratio Lower Upper
252 100
253 39.2 26.8 40.2
125 29.3 12.0 18.0





#26
Benzo(a)pyrene
Concen: 0.419 ng/ul
RT: 23.810 min Scan# 4954
Delta R.T. 0.003 min
Lab File: BM034414.D
Acq: 29 Mar 2022 19:17

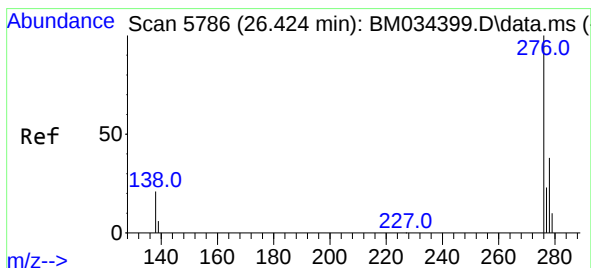
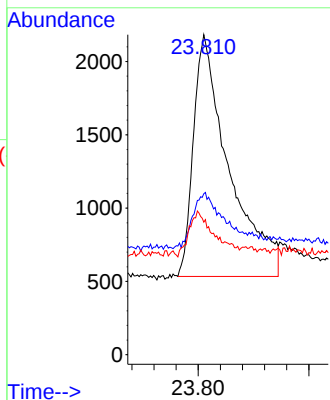
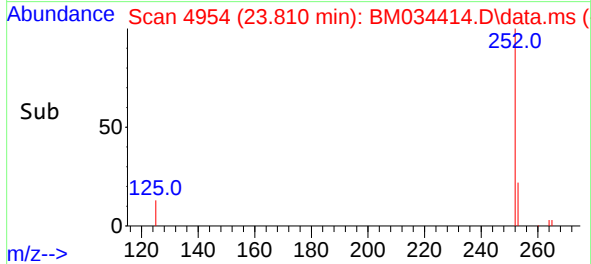
Instrument :
BNA_M
ClientSampleId :
SLCS562



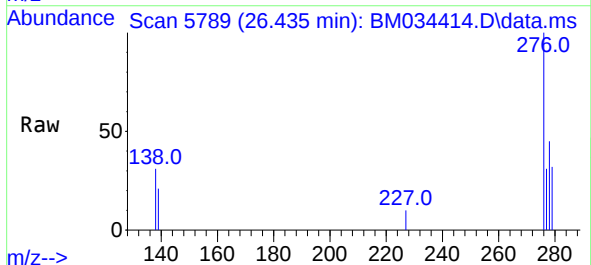
Tgt Ion:252 Resp: 7340
Ion Ratio Lower Upper
252 100
253 50.3 32.0 48.0
125 41.4 14.5 21.7

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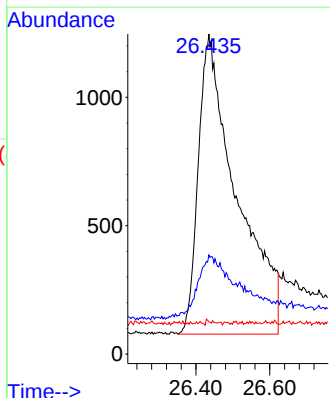
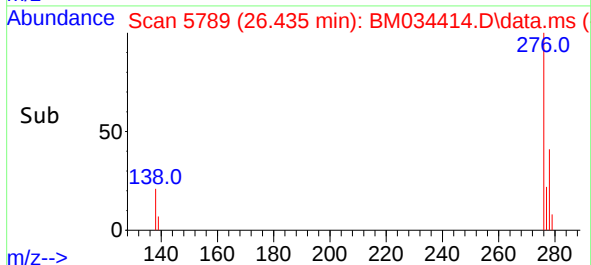
Reviewed By :Jagrut Upadhyay 03/31/2022
Supervised By :Yogesh Patel 04/02/2022

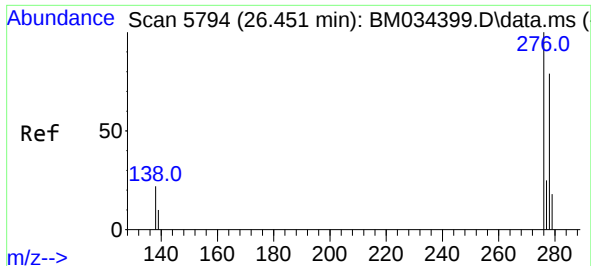


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 26.435 min Scan# 5789
Delta R.T. 0.001 min
Lab File: BM034414.D
Acq: 29 Mar 2022 19:17



Tgt Ion:276 Resp: 8402
Ion Ratio Lower Upper
276 100
138 20.8 15.8 23.6
227 0.2 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.363 ng/ul

RT: 26.465 min Scan# 5794

Delta R.T. 0.007 min

Lab File: BM034414.D

Acq: 29 Mar 2022 19:17

Instrument :

BNA_M

ClientSampleId :

SLCS562

Tgt Ion:278 Resp: 621

Ion Ratio Lower Upper

278 100

139 35.3 18.0 27.0

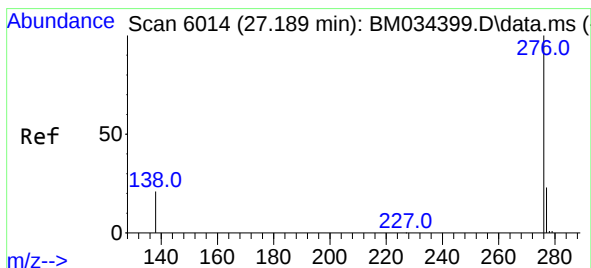
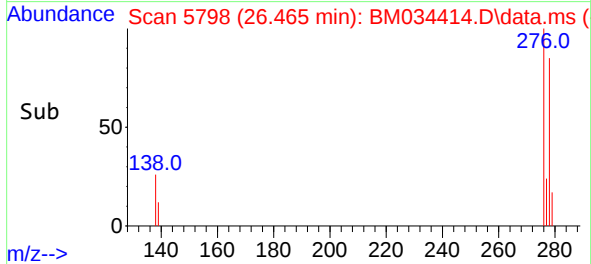
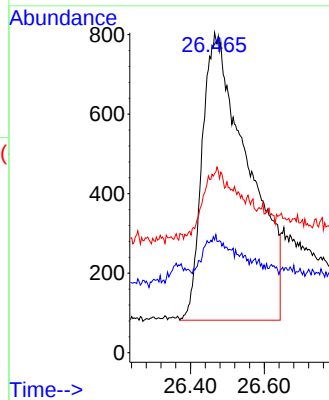
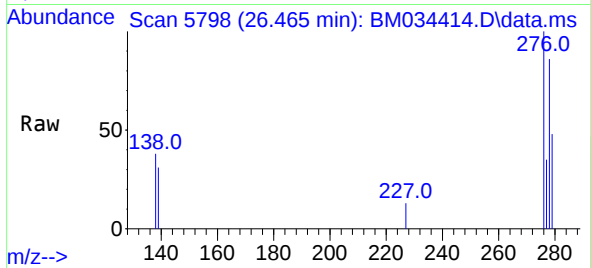
279 56.0 28.6 42.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/31/2022

Supervised By :Yogesh Patel 04/02/2022



#29

Benzo(g,h,i)perylene

Concen: 0.391 ng/ul

RT: 27.196 min Scan# 6016

Delta R.T. -0.010 min

Lab File: BM034414.D

Acq: 29 Mar 2022 19:17

Tgt Ion:276 Resp: 8613

Ion Ratio Lower Upper

276 100

138 27.6 17.4 26.0

277 29.8 22.6 33.8

