

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
 Data File : BM035634.D
 Acq On : 23 Jun 2022 20:29
 Operator : CG/JU
 Sample : PB145612BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS612

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/24/2022
 Supervised By :Yogesh Patel 06/28/2022

Quant Time: Jun 24 01:36:14 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:56:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	3489	0.400	ng/ul	0.03
4) Naphthalene-d8	10.649	136	15304	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	9342m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.225	188	18419	0.400	ng/ul	0.00
17) Chrysene-d12	21.406	240	13662	0.400	ng/ul	0.00
23) Perylene-d12	23.759	264	10810	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.268	96	3415	0.696	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.255	152	7908	0.348	ng/ul	0.01
18) Fluoranthene-d10	19.247	212	19032	0.415	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.297	88	10749	2.199	ng/ul#	56
5) Naphthalene	10.699	128	18144	0.350	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	11016	0.372	ng/ul	95
8) 1-Methylnaphthalene	12.525	142	11274	0.415	ng/ul	100
10) Acenaphthylene	14.200	152	19910	0.378	ng/ul	99
11) Acenaphthene	14.529	153	15109	0.388	ng/ul	100
12) Fluorene	15.537	166	17579	0.399	ng/ul	99
14) Pentachlorophenol	16.916	266	2894	0.819	ng/ul	99
15) Phenanthrene	17.267	178	26333	0.390	ng/ul	99
16) Anthracene	17.372	178	22973	0.389	ng/ul	99
19) Fluoranthene	19.280	202	31956	0.458	ng/ul	99
20) Pyrene	19.638	202	35351	0.483	ng/ul	99
21) Benzo(a)anthracene	21.395	228	20938	0.405	ng/ul	99
22) Chrysene	21.441	228	27023	0.440	ng/ul	100
24) Benzo(b)fluoranthene	23.043	252	21063	0.445	ng/ul	97
25) Benzo(k)fluoranthene	23.093	252	22046	0.449	ng/ul	97
26) Benzo(a)pyrene	23.663	252	21976	0.448	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.209	276	24889	0.440	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.219	278	20337	0.441	ng/ul	99
29) Benzo(g,h,i)perylene	26.940	276	22684	0.448	ng/ul	100

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

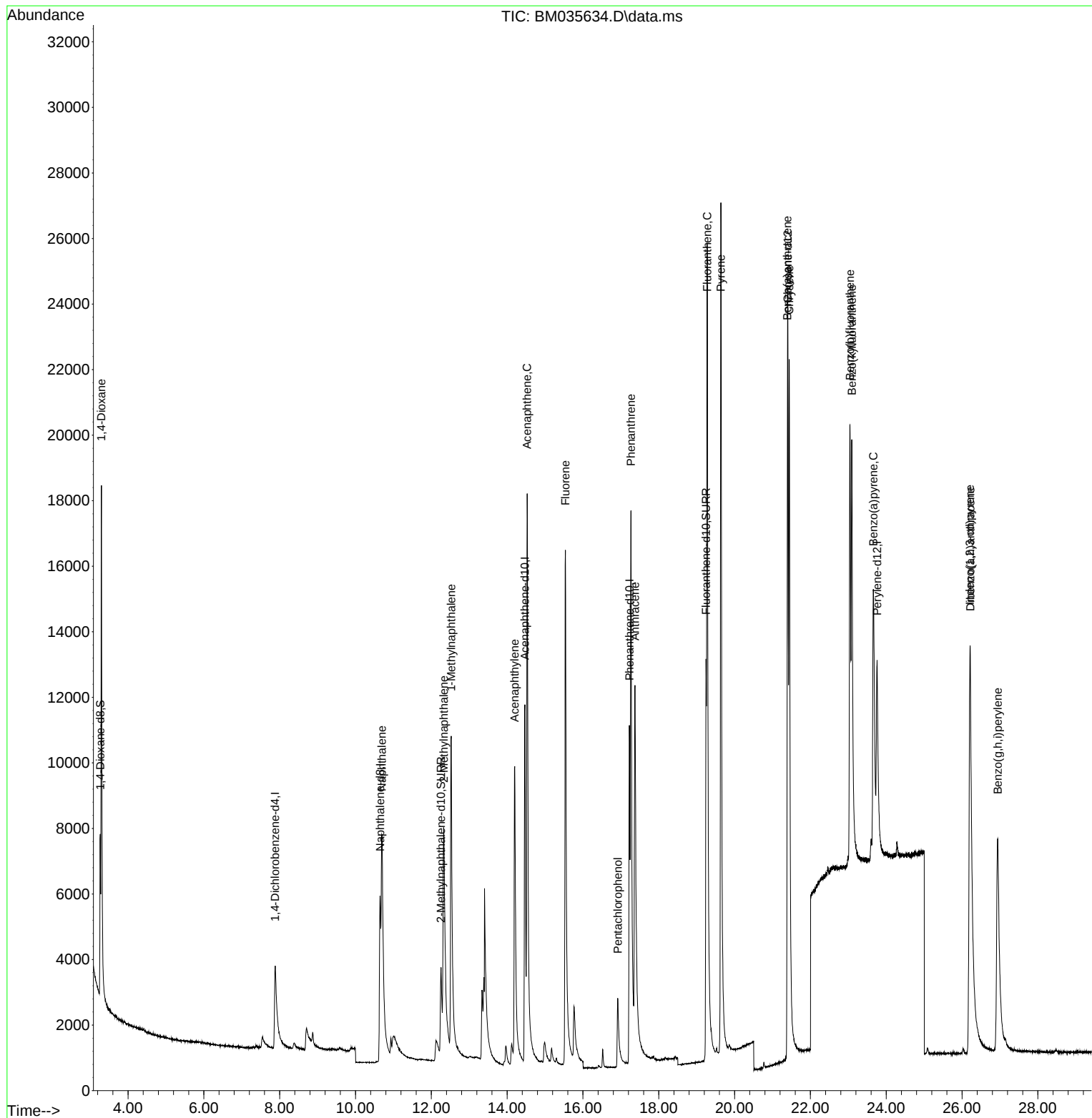
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062322\
Data File : BM035634.D
Acq On : 23 Jun 2022 20:29
Operator : CG/JU
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ALS Vial : 17 Sample Multiplier: 1

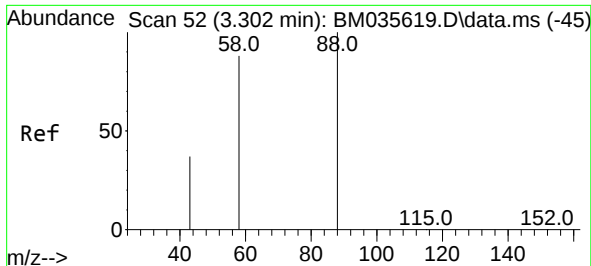
Instrument :
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Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022

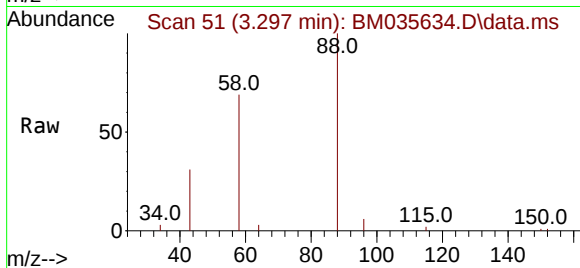
Quant Time: Jun 24 01:36:14 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.199 ng/ul
RT: 3.297 min Scan# 51
Delta R.T. -0.008 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29

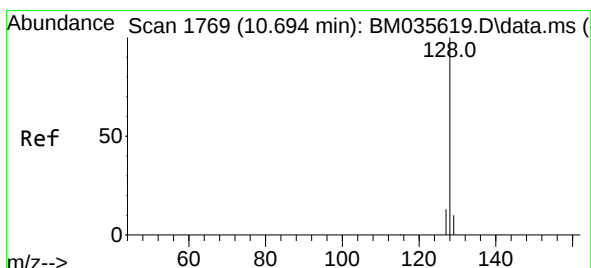
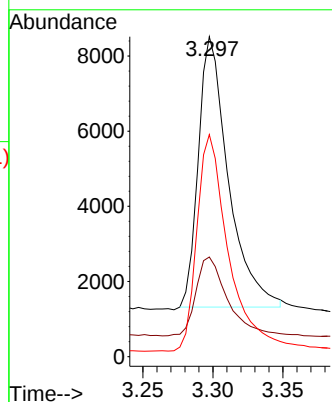
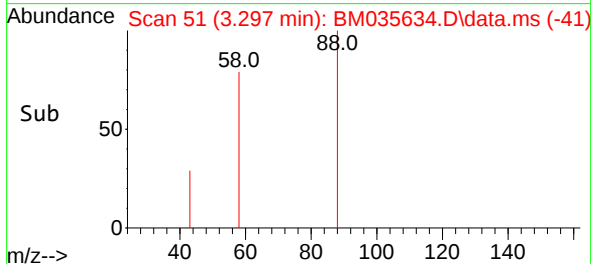
Instrument :
BNA_M
ClientSampleId :
SLCS612



Tgt Ion: 88 Resp: 10749
Ion Ratio Lower Upper
88 100
43 31.1 70.4 105.6
58 69.4 45.6 68.4

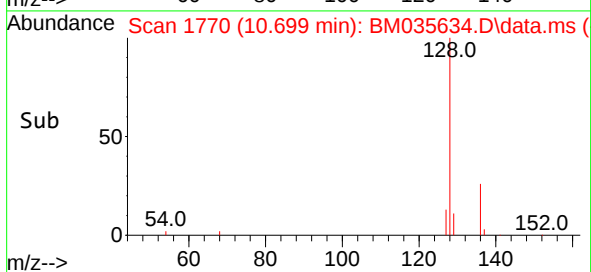
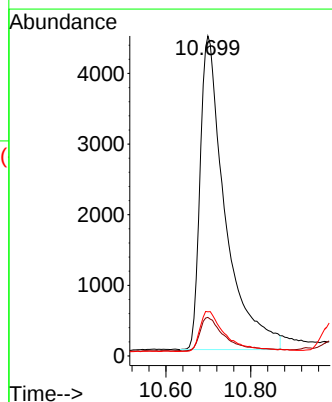
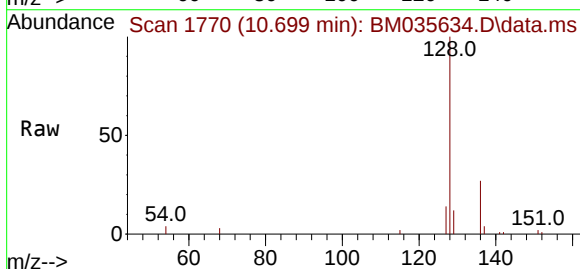
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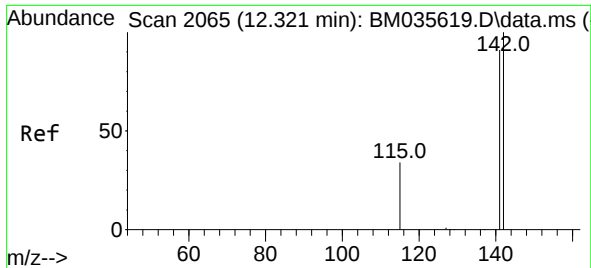
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#5
Naphthalene
Concen: 0.350 ng/ul
RT: 10.699 min Scan# 1770
Delta R.T. 0.005 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29

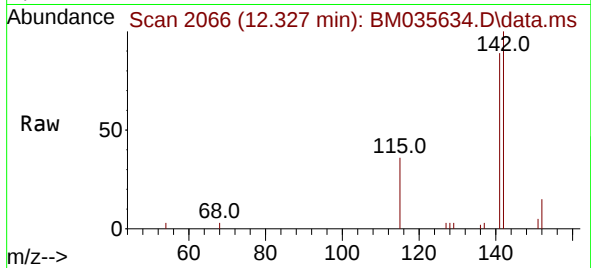
Tgt Ion:128 Resp: 18144
Ion Ratio Lower Upper
128 100
129 12.1 10.1 15.1
127 13.8 11.4 17.2





#7
2-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.327 min Scan# 2066
Delta R.T. 0.005 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29

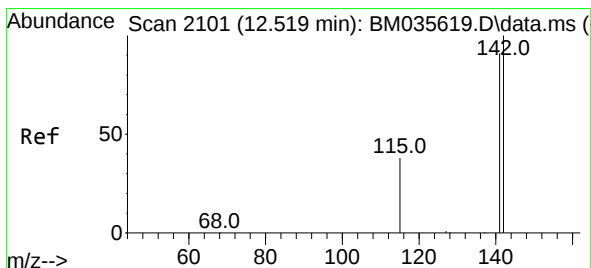
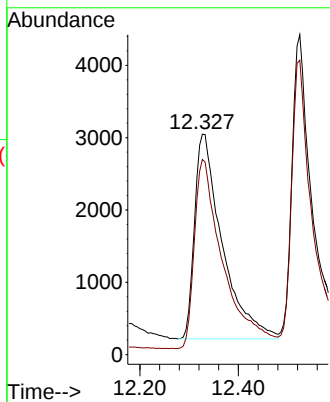
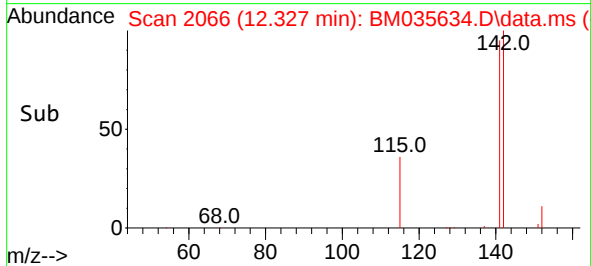
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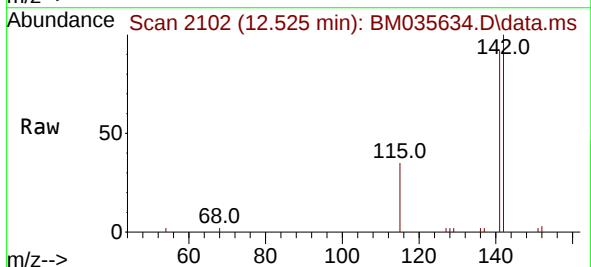
Tgt Ion:142 Resp: 11010
Ion Ratio Lower Upper
142 100
141 97.4 73.8 110.8

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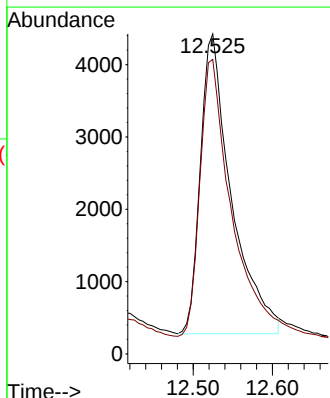
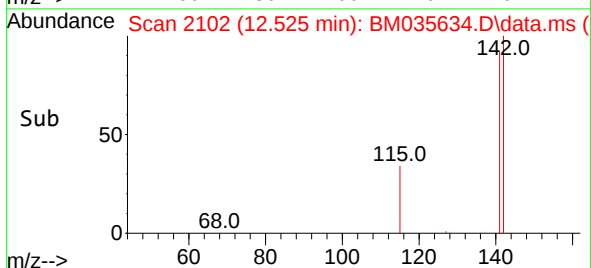
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022

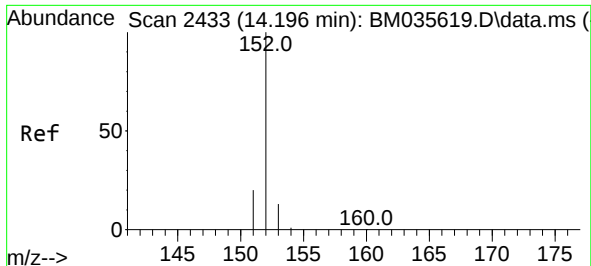


#8
1-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.525 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29



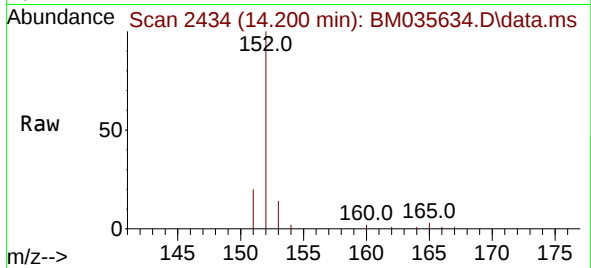
Tgt Ion:142 Resp: 11274
Ion Ratio Lower Upper
142 100
141 93.0 74.6 111.8





#10
Acenaphthylene
Concen: 0.378 ng/ul
RT: 14.200 min Scan# 2433
Delta R.T. -0.001 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29

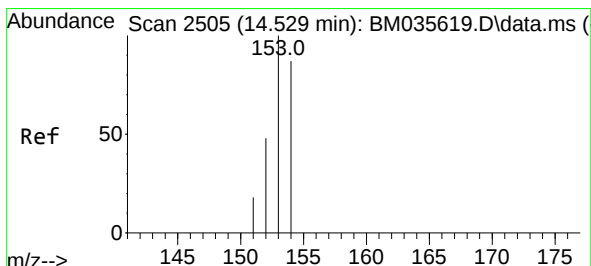
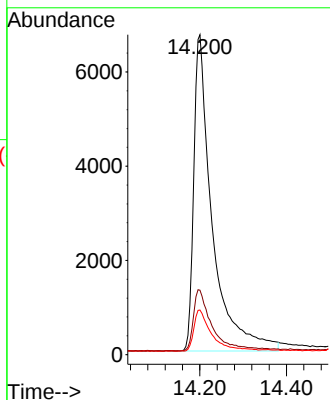
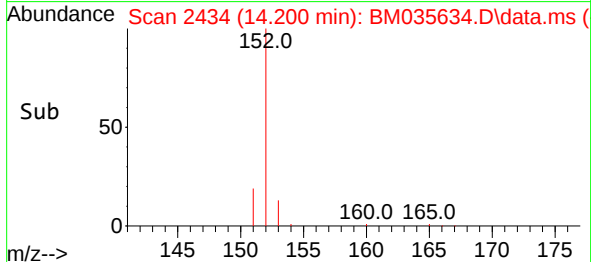
Instrument :
BNA_M
ClientSampleId :
SLCS612



Tgt Ion:152 Resp: 19910
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 14.0 11.1 16.7

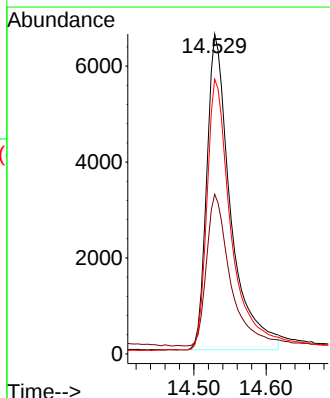
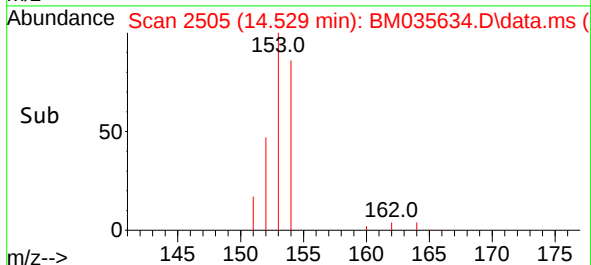
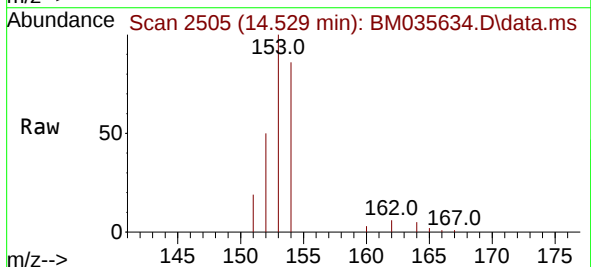
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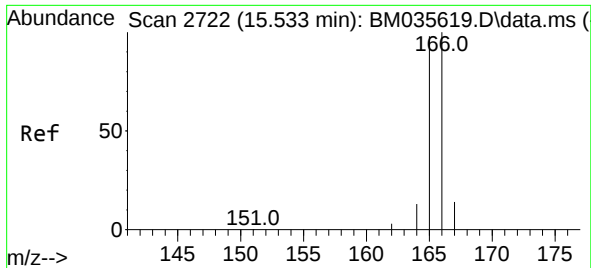
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#11
Acenaphthene
Concen: 0.388 ng/ul
RT: 14.529 min Scan# 2505
Delta R.T. -0.006 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29

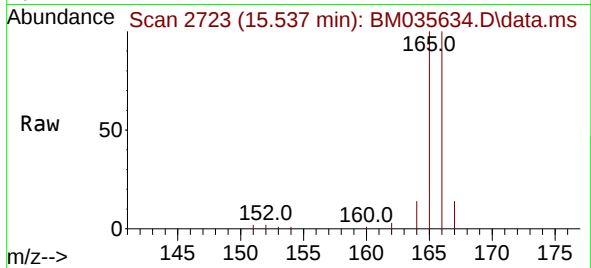
Tgt Ion:153 Resp: 15109
Ion Ratio Lower Upper
153 100
152 49.9 40.0 60.0
154 85.9 69.1 103.7





#12
Fluorene
Concen: 0.399 ng/ul
RT: 15.537 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29

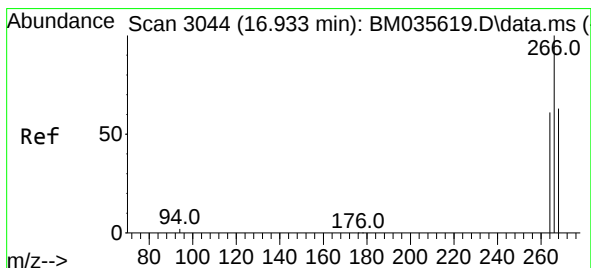
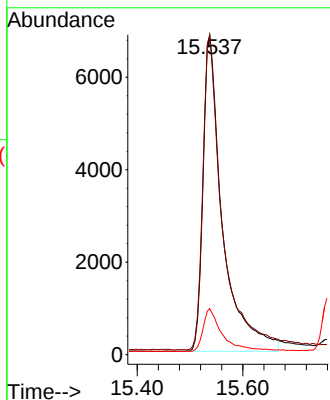
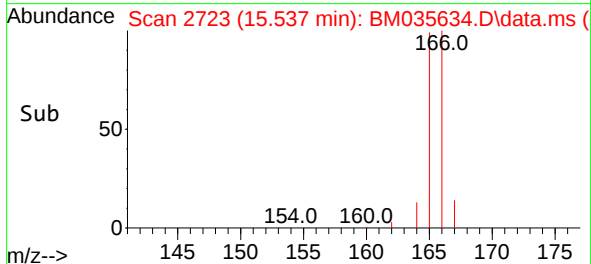
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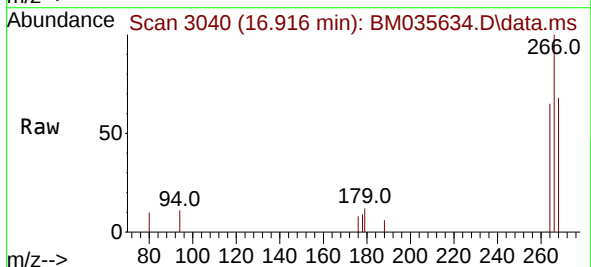
Tgt Ion:166 Resp: 17579
Ion Ratio Lower Upper
166 100
165 99.7 78.7 118.1
167 14.4 11.6 17.4

Manual Integrations
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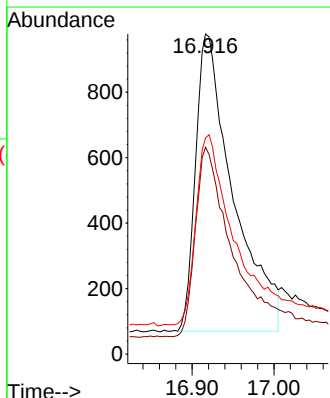
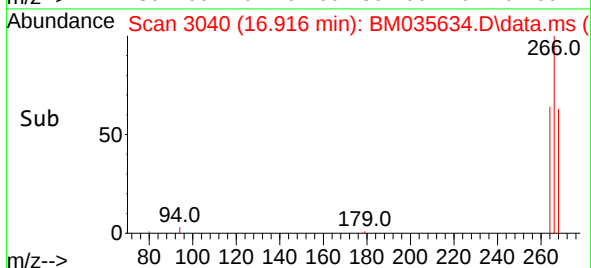
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Supervised By :Yogesh Patel 06/28/2022

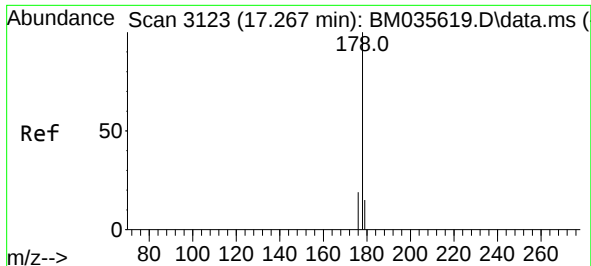


#14
Pentachlorophenol
Concen: 0.819 ng/ul
RT: 16.916 min Scan# 3040
Delta R.T. -0.014 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29



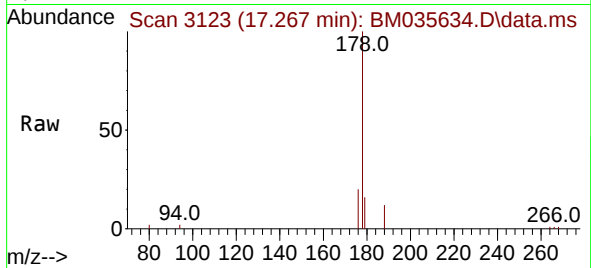
Tgt Ion:266 Resp: 2894
Ion Ratio Lower Upper
266 100
264 62.2 51.0 76.4
268 64.1 51.7 77.5





#15
Phenanthrene
Concen: 0.390 ng/u1
RT: 17.267 min Scan# 3123
Delta R.T. -0.005 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29

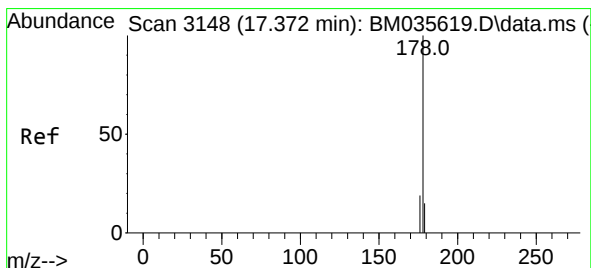
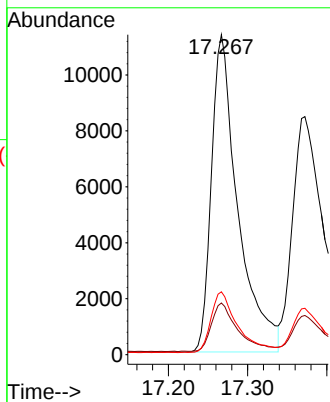
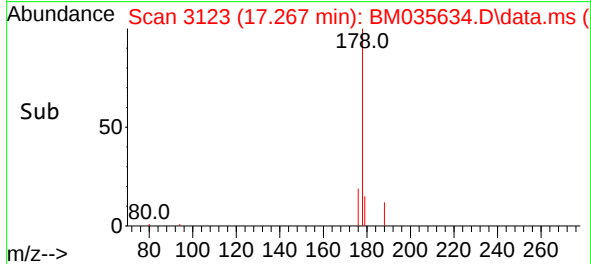
Instrument :
BNA_M
ClientSampleId :
SLCS612



Tgt Ion:178 Resp: 2633
Ion Ratio Lower Upper
178 100
179 16.1 13.2 19.8
176 19.7 16.2 24.4

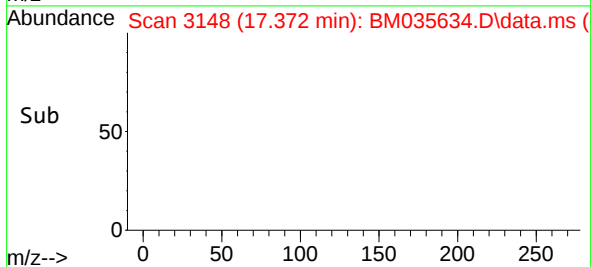
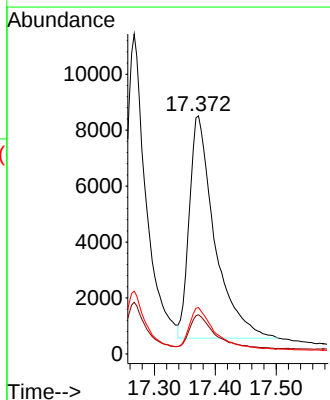
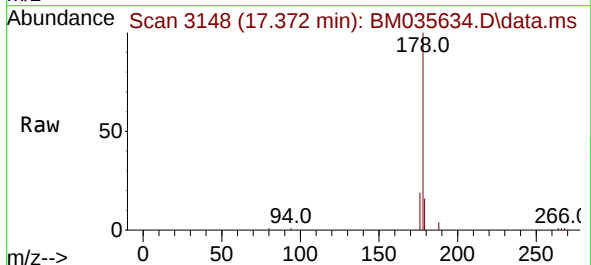
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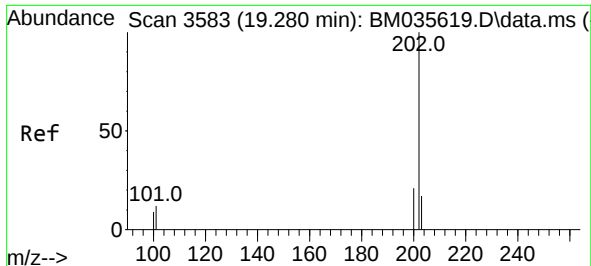
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#16
Anthracene
Concen: 0.389 ng/u1
RT: 17.372 min Scan# 3148
Delta R.T. -0.001 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29

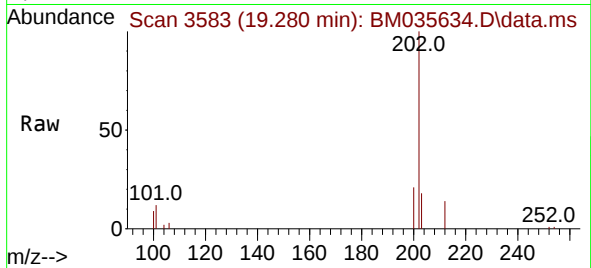
Tgt Ion:178 Resp: 22973
Ion Ratio Lower Upper
178 100
179 16.5 13.4 20.0
176 19.5 15.9 23.9





#19
Fluoranthene
Concen: 0.458 ng/u1
RT: 19.280 min Scan# 3195
Delta R.T. -0.006 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29

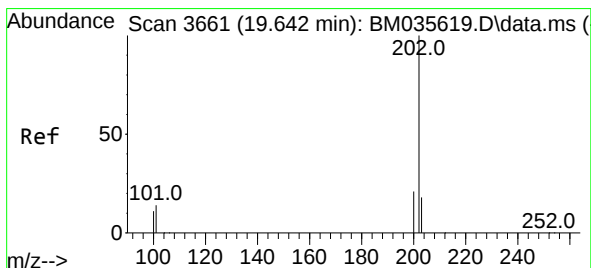
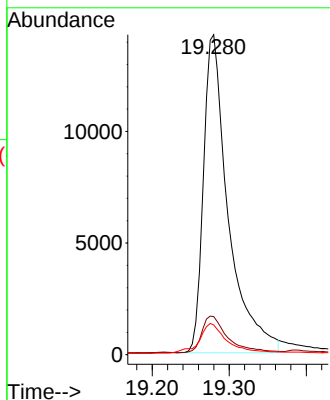
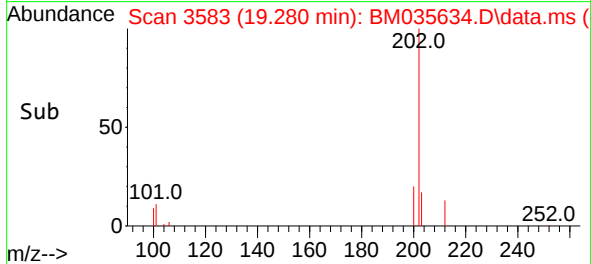
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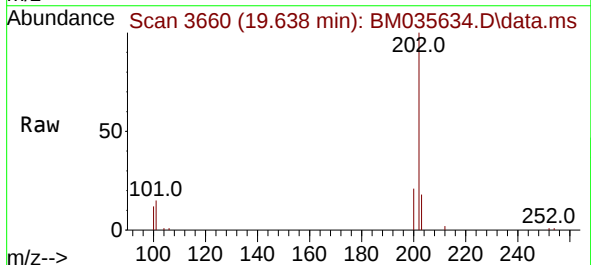
Tgt Ion:202 Resp: 3195
Ion Ratio Lower Upper
202 100
101 11.9 10.0 15.0
100 9.3 7.5 11.3

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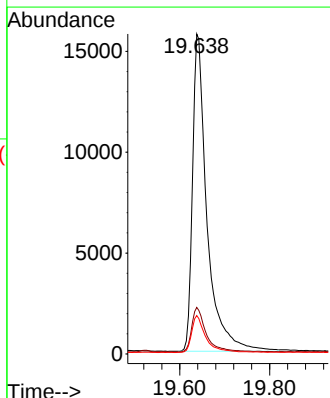
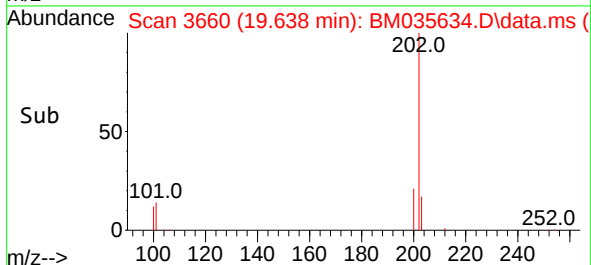
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022

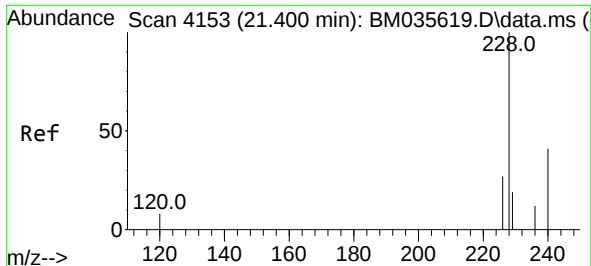


#20
Pyrene
Concen: 0.483 ng/u1
RT: 19.638 min Scan# 3660
Delta R.T. -0.010 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29



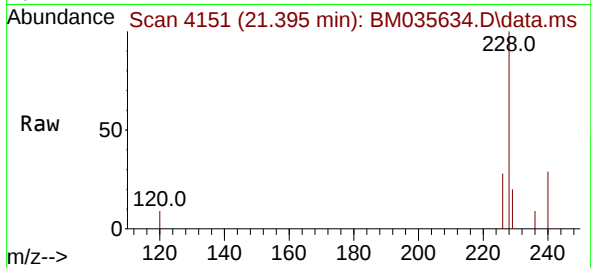
Tgt Ion:202 Resp: 35351
Ion Ratio Lower Upper
202 100
101 14.6 11.6 17.4
100 12.0 9.3 13.9





#21
Benzo(a)anthracene
Concen: 0.405 ng/u1
RT: 21.395 min Scan# 4153
Delta R.T. -0.005 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29

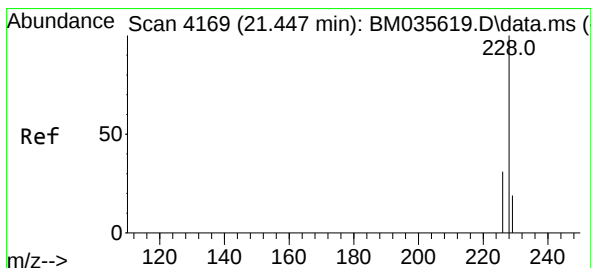
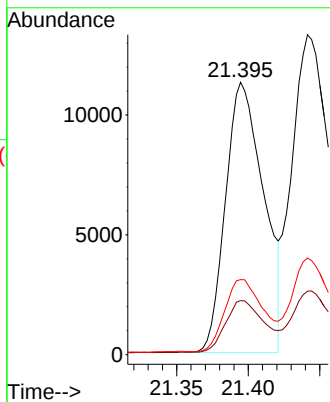
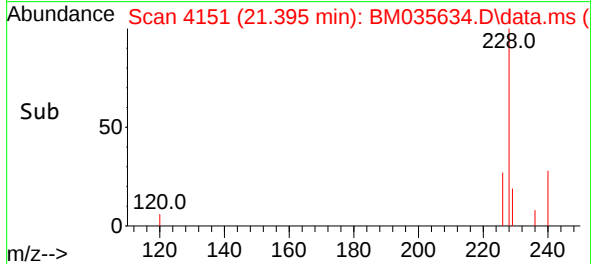
Instrument :
BNA_M
ClientSampleId :
SLCS612



Tgt Ion:228 Resp: 20938
Ion Ratio Lower Upper
228 100
229 19.9 16.2 24.2
226 27.5 22.3 33.5

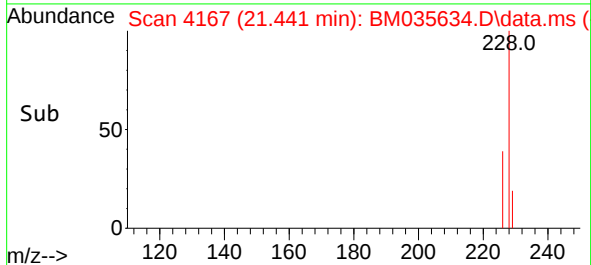
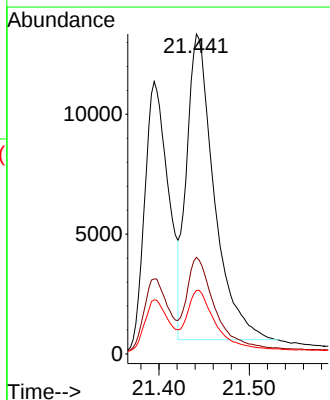
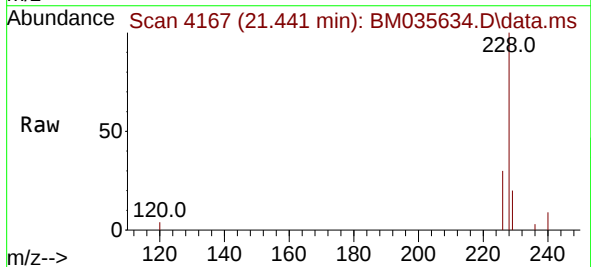
Manual Integrations
APPROVED

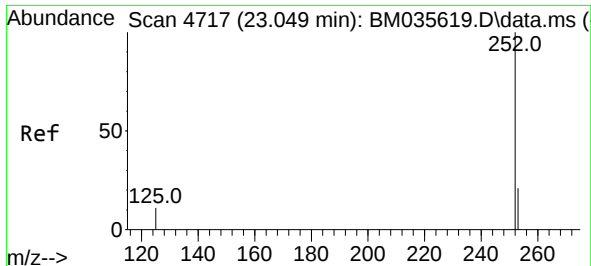
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#22
Chrysene
Concen: 0.440 ng/u1
RT: 21.441 min Scan# 4167
Delta R.T. -0.008 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29

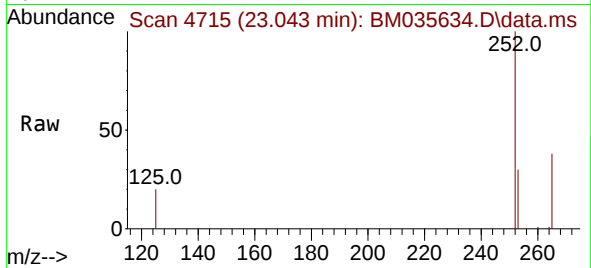
Tgt Ion:228 Resp: 27023
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 19.9 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.445 ng/ul
RT: 23.043 min Scan# 4715
Delta R.T. -0.008 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29

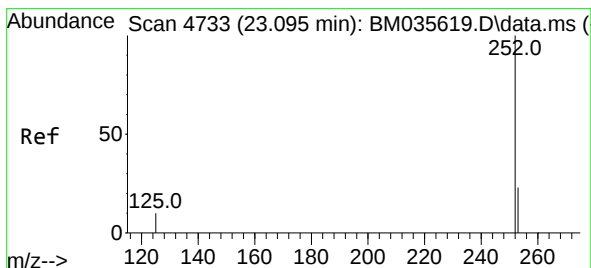
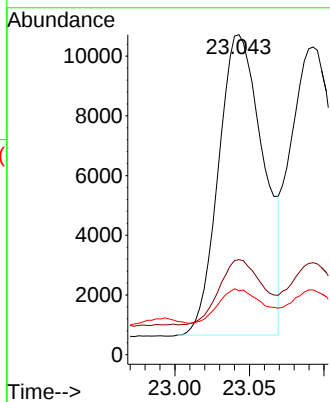
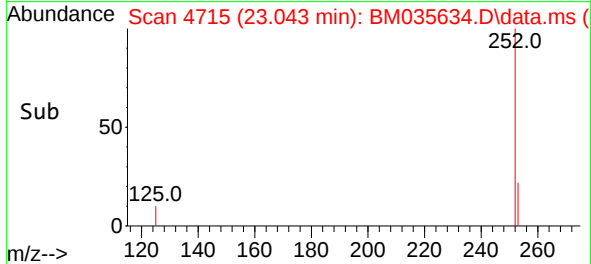
Instrument :
BNA_M
ClientSampleId :
SLCS612



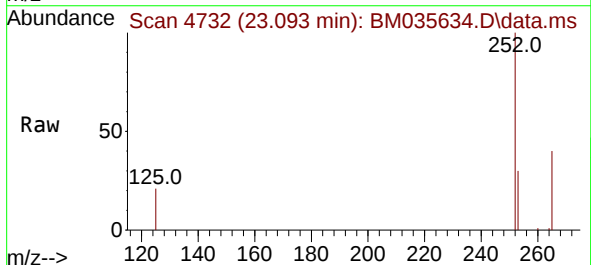
Tgt Ion:252 Resp: 2106
Ion Ratio Lower Upper
252 100
253 29.7 0.0 60.6
125 20.0 0.0 44.8

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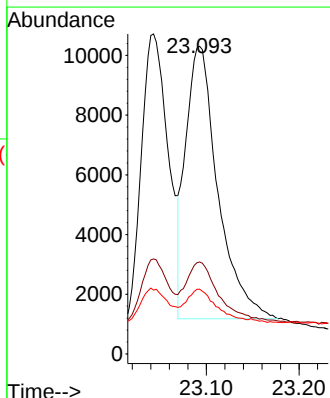
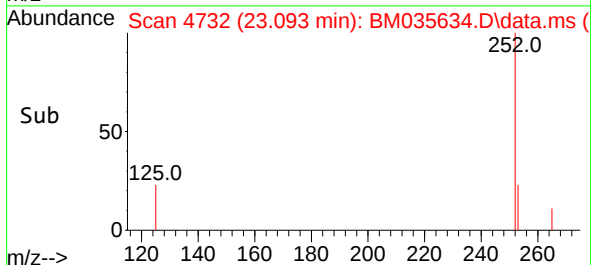
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022

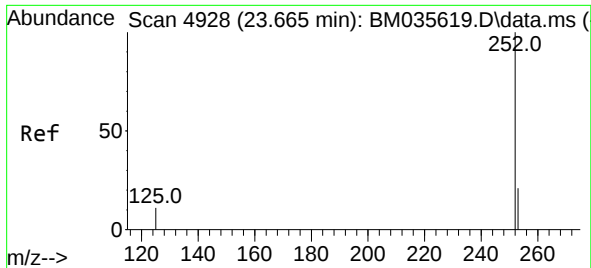


#25
Benzo(k)fluoranthene
Concen: 0.449 ng/ul
RT: 23.093 min Scan# 4732
Delta R.T. -0.005 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29



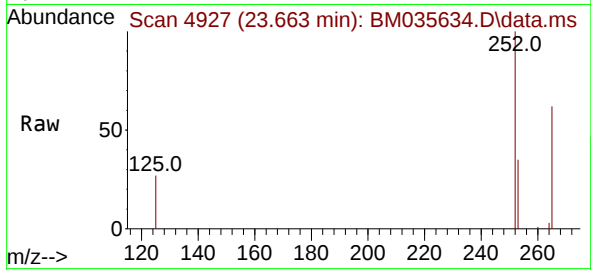
Tgt Ion:252 Resp: 22046
Ion Ratio Lower Upper
252 100
253 29.9 24.7 37.1
125 21.1 18.2 27.4





#26
Benzo(a)pyrene
Concen: 0.448 ng/ul
RT: 23.663 min Scan# 4928
Delta R.T. -0.005 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29

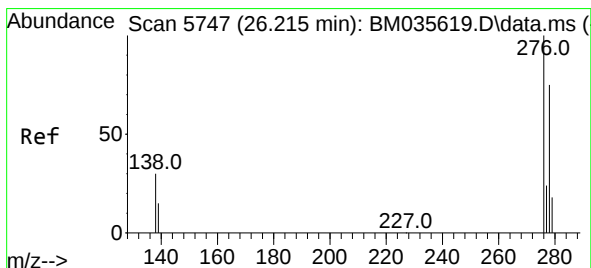
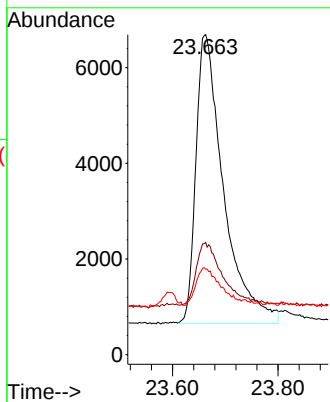
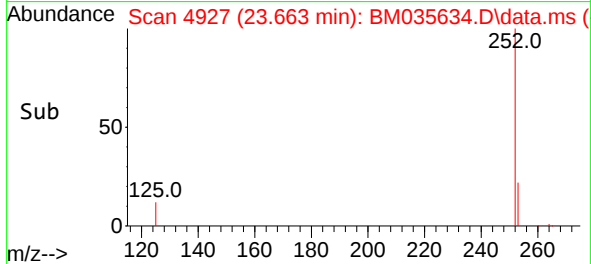
Instrument :
BNA_M
ClientSampleId :
SLCS612



Tgt Ion:252 Resp: 21970
Ion Ratio Lower Upper
252 100
253 35.1 27.8 41.6
125 26.7 23.3 34.9

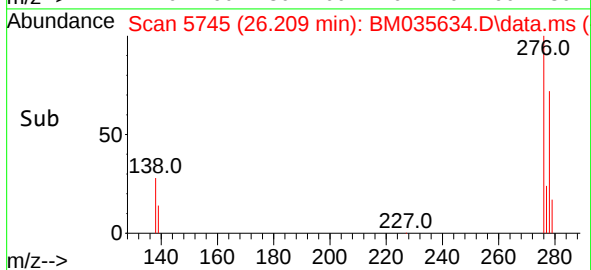
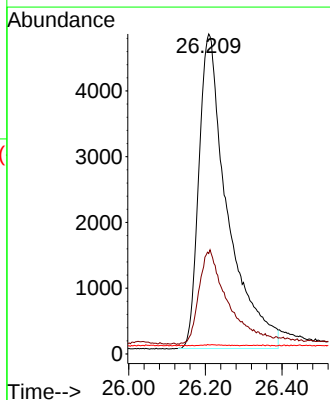
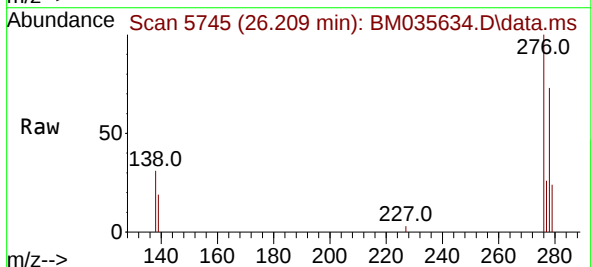
Manual Integrations
APPROVED

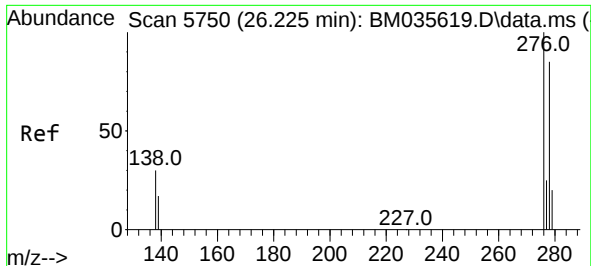
Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.440 ng/ul
RT: 26.209 min Scan# 5745
Delta R.T. -0.003 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29

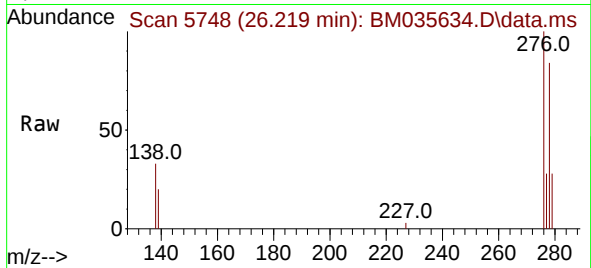
Tgt Ion:276 Resp: 24889
Ion Ratio Lower Upper
276 100
138 30.7 24.8 37.2
227 0.3 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.441 ng/ul
RT: 26.219 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29

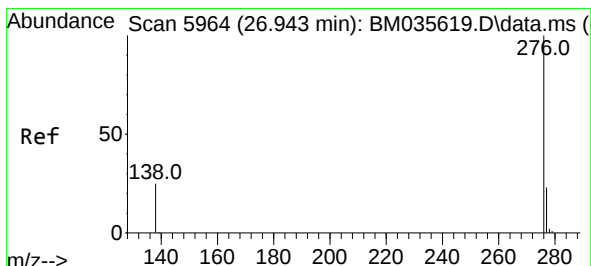
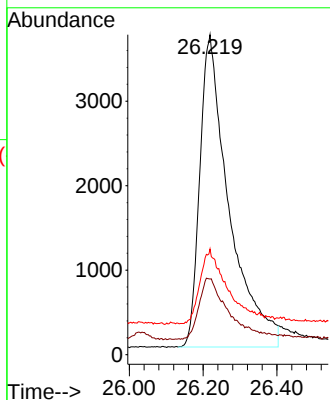
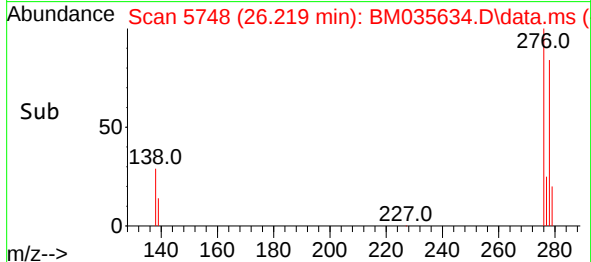
Instrument :
BNA_M
ClientSampleId :
SLCS612



Tgt Ion:278 Resp: 2033
Ion Ratio Lower Upper
278 100
139 23.7 19.1 28.7
279 33.1 26.7 40.1

Manual Integrations
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Reviewed By :Jagrut Upadhyay 06/24/2022
Supervised By :Yogesh Patel 06/28/2022



#29
Benzo(g,h,i)perylene
Concen: 0.448 ng/ul
RT: 26.940 min Scan# 5963
Delta R.T. -0.006 min
Lab File: BM035634.D
Acq: 23 Jun 2022 20:29

Tgt Ion:276 Resp: 22684
Ion Ratio Lower Upper
276 100
138 28.7 23.1 34.7
277 25.3 20.3 30.5

