

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
 Data File : BM035108.D
 Acq On : 16 May 2022 17:35
 Operator : CG/JU
 Sample : PB144680BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS680

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
 Supervised By :mohammad ahmed 05/18/2022

Quant Time: May 17 00:51:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 18:15:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	2806	0.400	ng/ul	0.00
4) Naphthalene-d8	10.716	136	9080	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.552	164	5844	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	12562	0.400	ng/ul #	0.00
17) Chrysene-d12	21.474	240	9518	0.400	ng/ul	0.00
23) Perylene-d12	23.862	264	7711	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	2546	0.757	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	6121	0.422	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	14326	0.439	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.390	88	6377m	1.889	ng/ul	
5) Naphthalene	10.765	128	10935	0.365	ng/ul#	89
7) 2-Methylnaphthalene	12.382	142	7478	0.380	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	7444	0.406	ng/ul	99
10) Acenaphthylene	14.270	152	12189	0.352	ng/ul#	90
11) Acenaphthene	14.612	153	8908	0.357	ng/ul	97
12) Fluorene	15.598	166	10366	0.355	ng/ul#	98
14) Pentachlorophenol	16.946	266	3032	0.639	ng/ul	97
15) Phenanthrene	17.334	178	17043	0.356	ng/ul	94
16) Anthracene	17.427	178	15404	0.353	ng/ul#	92
19) Fluoranthene	19.350	202	19703	0.369	ng/ul	97
20) Pyrene	19.712	202	19846	0.366	ng/ul	100
21) Benzo(a)anthracene	21.459	228	15873	0.360	ng/ul	98
22) Chrysene	21.509	228	16675	0.364	ng/ul	98
24) Benzo(b)fluoranthene	23.137	252	14876	0.368	ng/ul	92
25) Benzo(k)fluoranthene	23.183	252	14516	0.376	ng/ul#	91
26) Benzo(a)pyrene	23.756	252	13465	0.366	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.336	276	14693	0.404	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.350	278	11927	0.412	ng/ul#	90
29) Benzo(g,h,i)perylene	27.094	276	12621	0.403	ng/ul	94

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

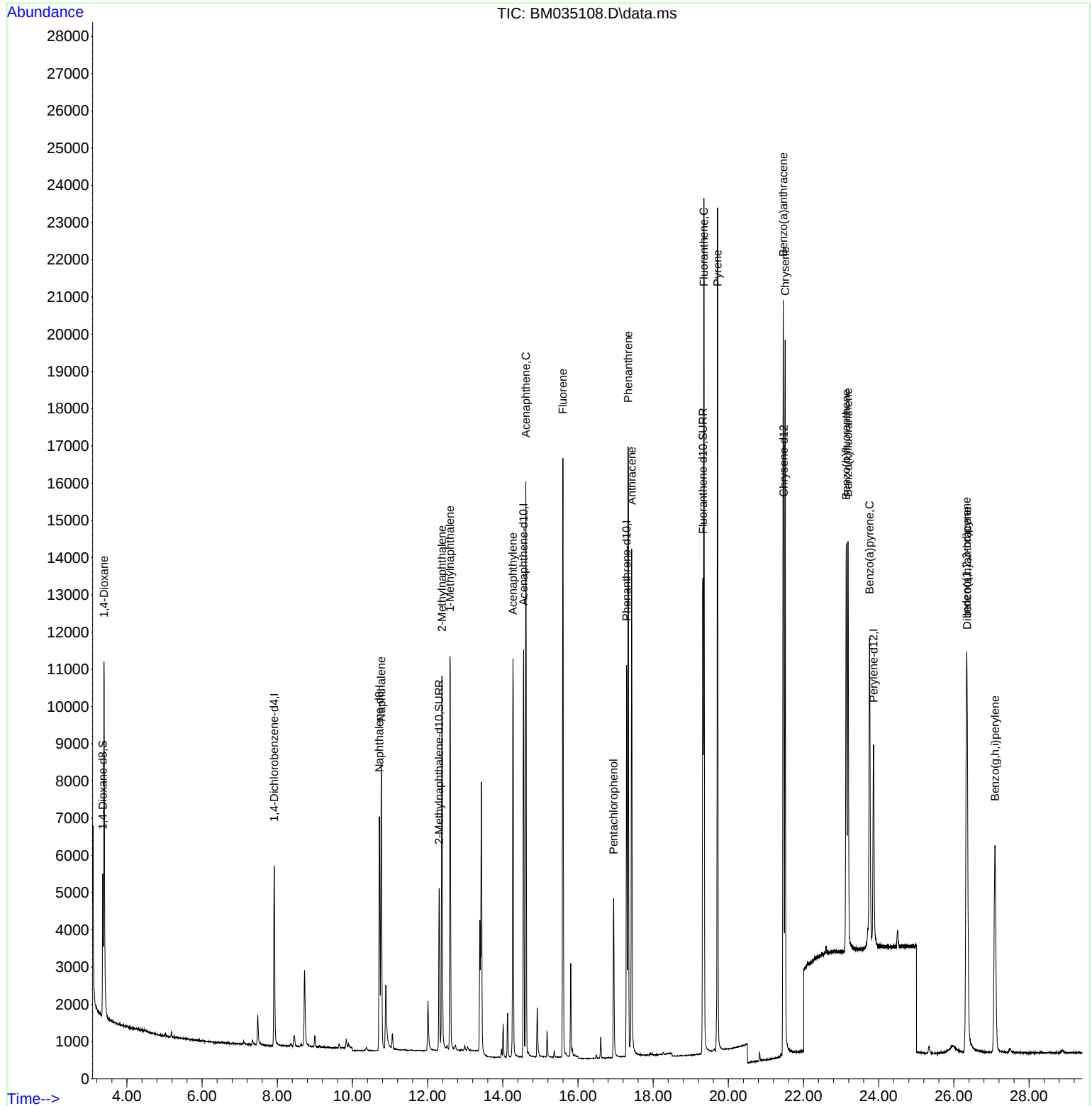
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
Data File : BM035108.D
Acq On : 16 May 2022 17:35
Operator : CG/JU
Sample : PB144680BS
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ALS Vial : 15 Sample Multiplier: 1

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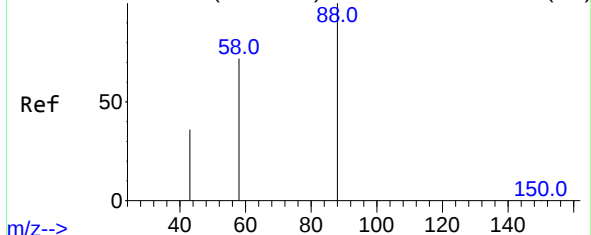
Quant Time: May 17 00:51:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration

Manual Integrations
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Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

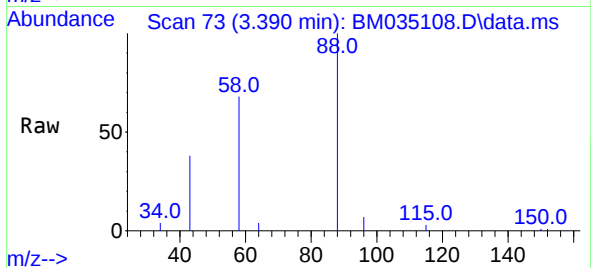


Abundance Scan 74 (3.394 min): BM035095.D\data.ms (-66)



#2
1,4-Dioxane
Concen: 1.889 ng/ul m
RT: 3.390 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35

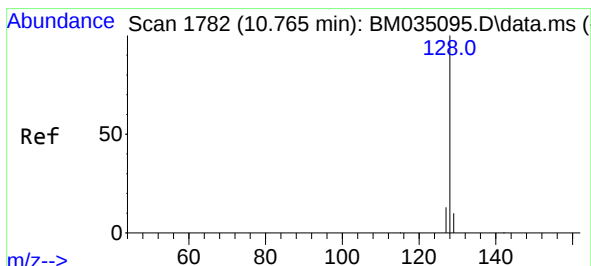
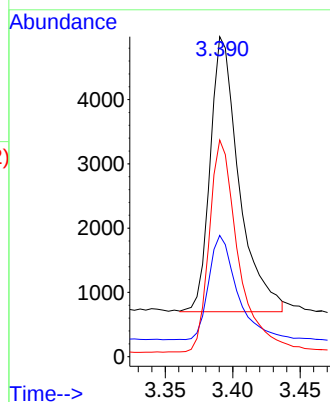
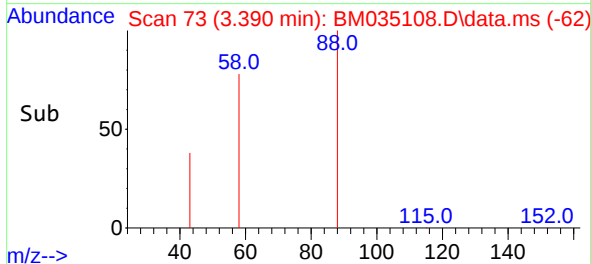
Instrument :
BNA_M
ClientSampleId :
SLCS680



Tgt Ion: 88 Resp: 637
Ion Ratio Lower Upper
88 100
43 37.9 49.7 74.5
58 67.7 52.5 78.7

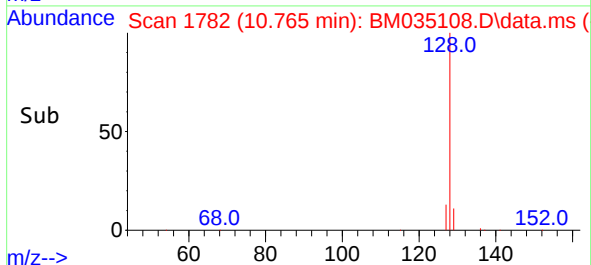
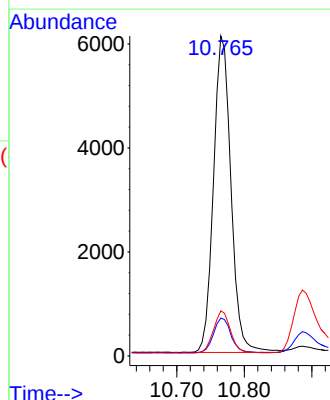
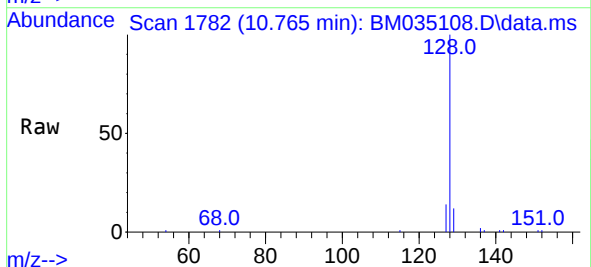
Manual Integrations
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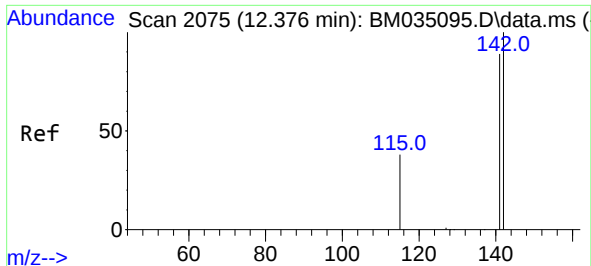
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#5
Naphthalene
Concen: 0.365 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35

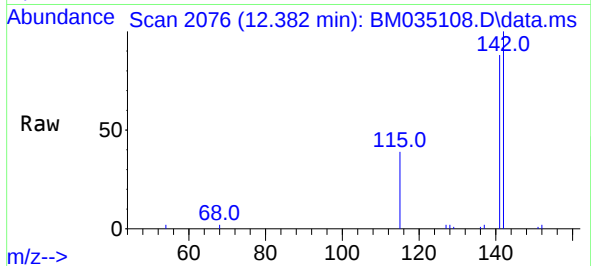
Tgt Ion:128 Resp: 10935
Ion Ratio Lower Upper
128 100
129 11.8 13.4 20.2#
127 14.1 15.2 22.8#





#7
2-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.382 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35

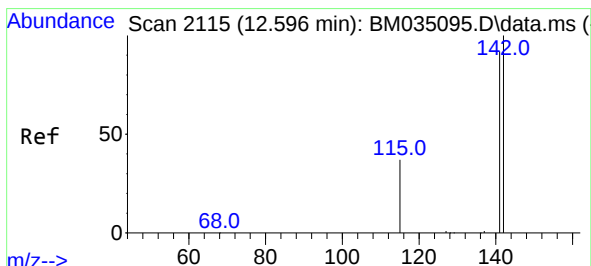
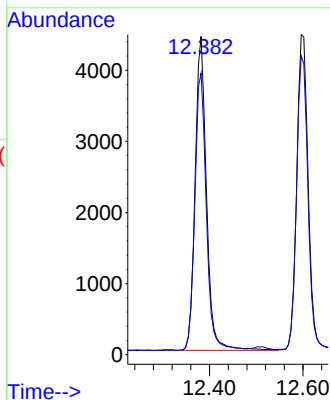
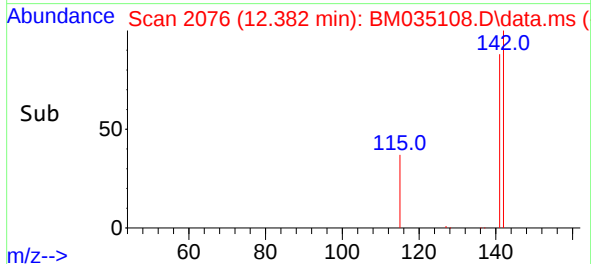
Instrument :
BNA_M
ClientSampleId :
SLCS680



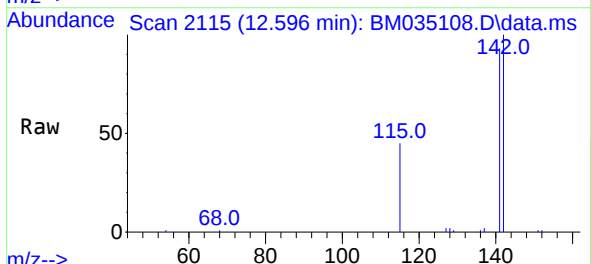
Tgt Ion:142 Resp: 7478
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.6

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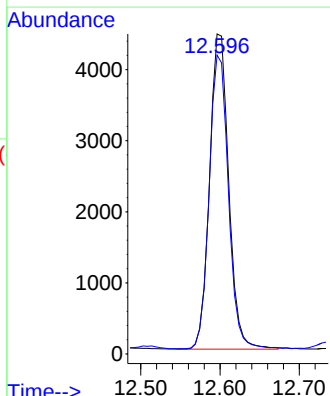
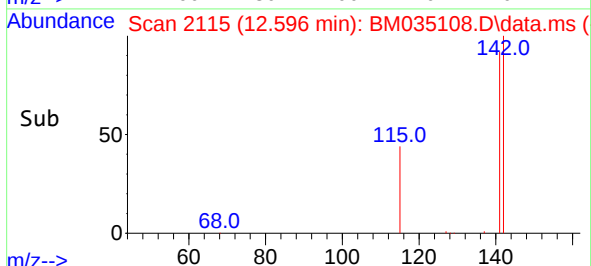
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

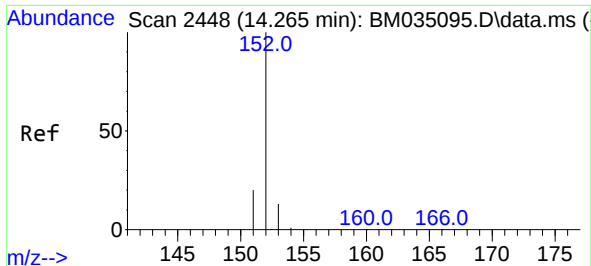


#8
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35



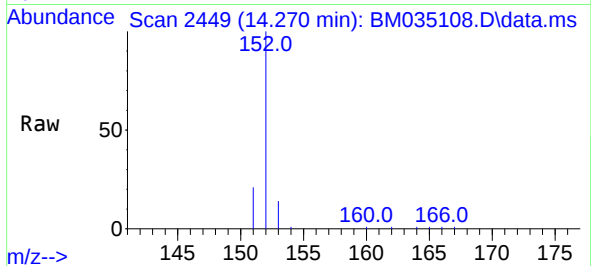
Tgt Ion:142 Resp: 7444
Ion Ratio Lower Upper
142 100
141 93.1 75.0 112.4





#10
Acenaphthylene
Concen: 0.352 ng/u1
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35

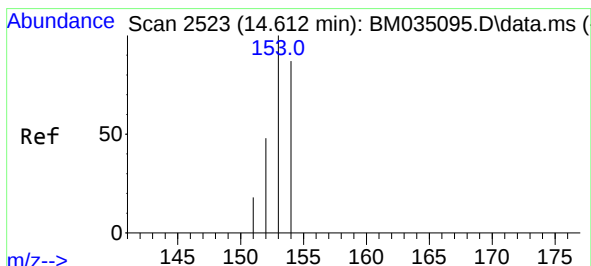
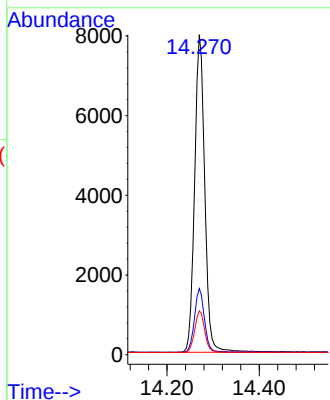
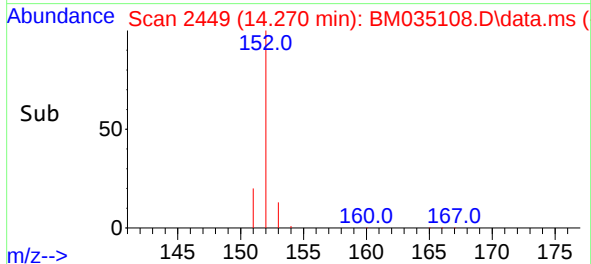
Instrument :
BNA_M
ClientSampleId :
SLCS680



Tgt Ion:152 Resp: 12189
Ion Ratio Lower Upper
152 100
151 20.6 19.9 29.9
153 13.7 15.0 22.4

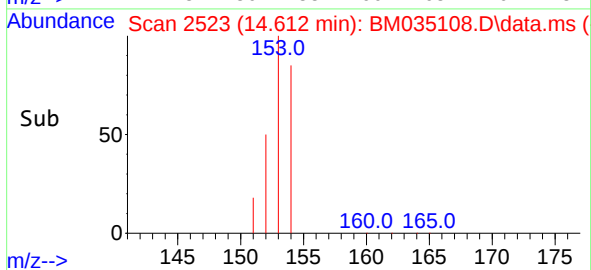
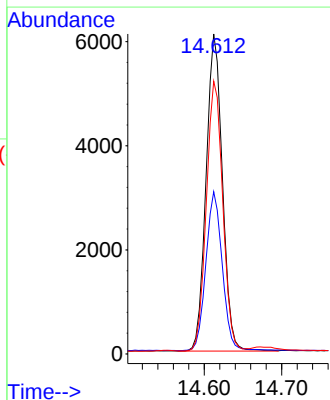
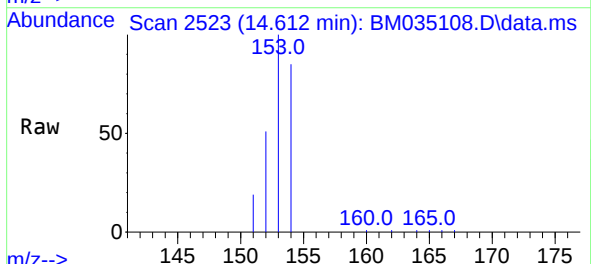
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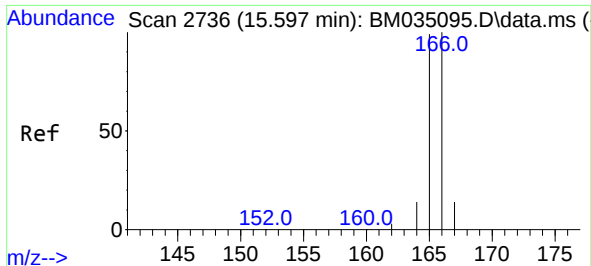
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#11
Acenaphthene
Concen: 0.357 ng/u1
RT: 14.612 min Scan# 2523
Delta R.T. -0.004 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35

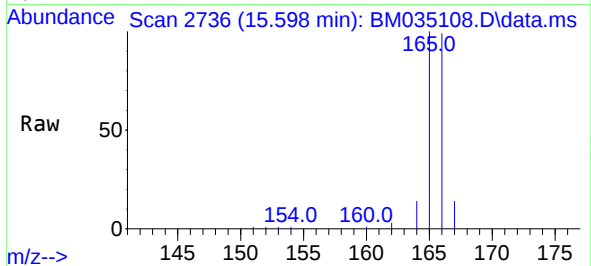
Tgt Ion:153 Resp: 8908
Ion Ratio Lower Upper
153 100
152 50.7 42.4 63.6
154 85.2 66.2 99.2





#12
Fluorene
Concen: 0.355 ng/ul
RT: 15.598 min Scan# 2736
Delta R.T. -0.004 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35

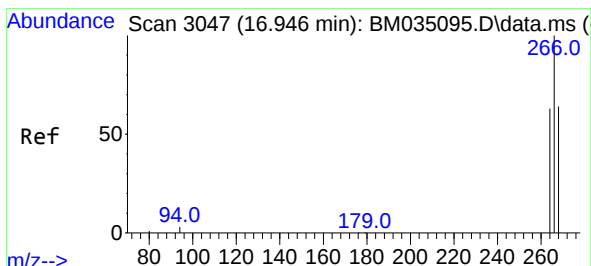
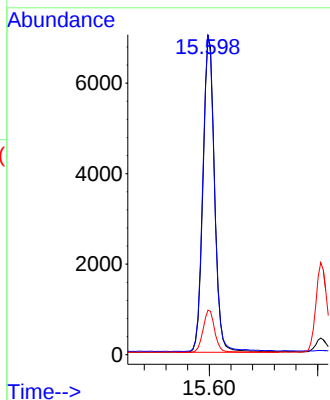
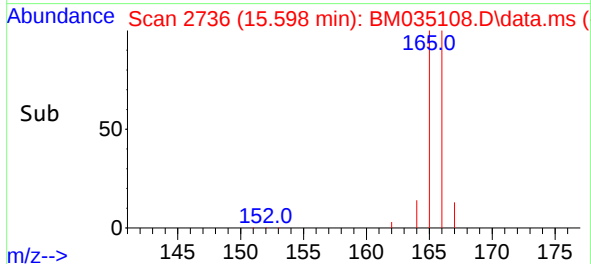
Instrument :
BNA_M
ClientSampleId :
SLCS680



Tgt Ion:166 Resp: 10360
Ion Ratio Lower Upper
166 100
165 100.6 81.1 121.7
167 14.0 14.9 22.3

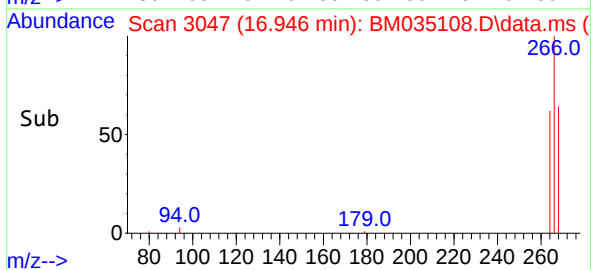
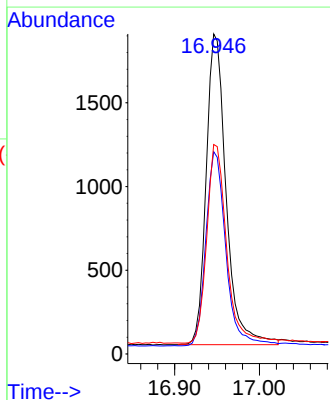
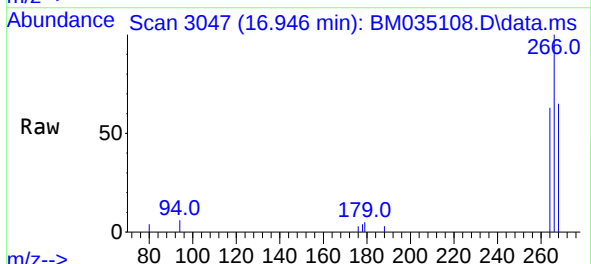
Manual Integrations
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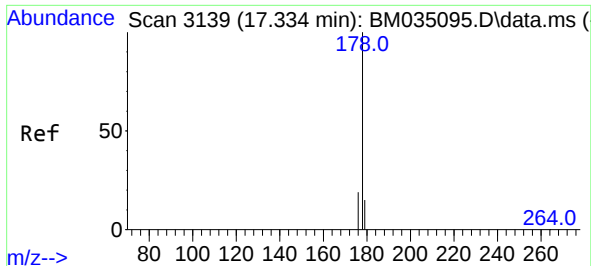
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#14
Pentachlorophenol
Concen: 0.639 ng/ul
RT: 16.946 min Scan# 3047
Delta R.T. 0.000 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35

Tgt Ion:266 Resp: 3032
Ion Ratio Lower Upper
266 100
264 62.7 51.4 77.0
268 63.7 53.1 79.7





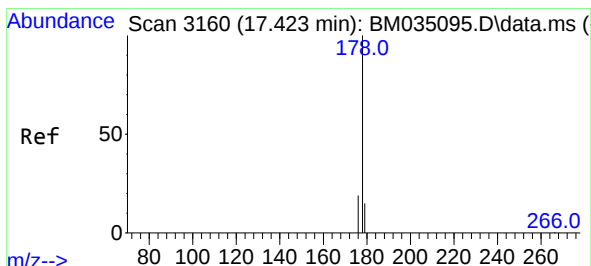
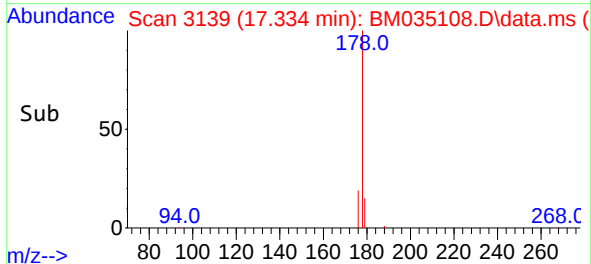
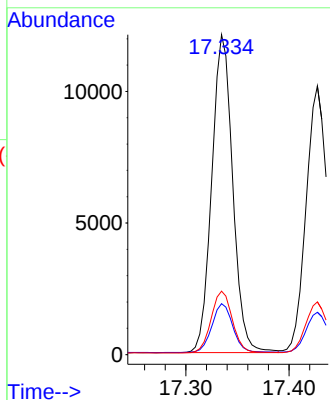
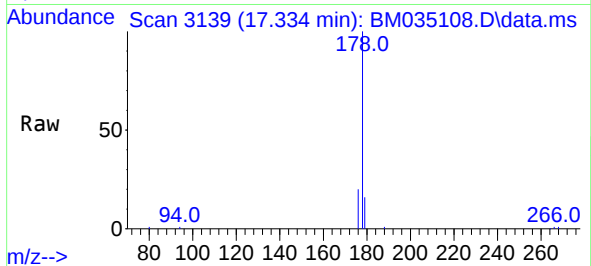
#15
Phenanthrene
Concen: 0.356 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35

Instrument :
BNA_M
ClientSampleId :
SLCS680

Tgt Ion:178 Resp: 1704
Ion Ratio Lower Upper
178 100
179 15.9 15.0 22.6
176 19.8 17.9 26.9

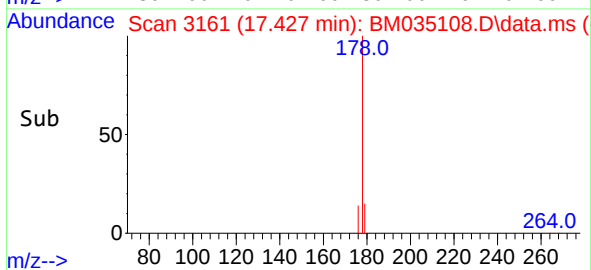
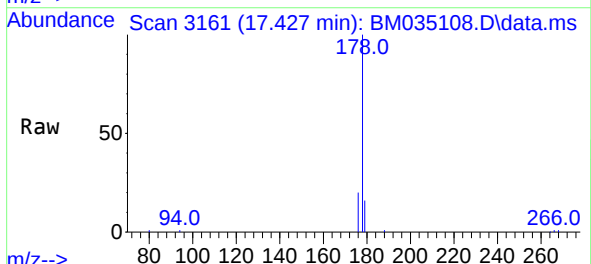
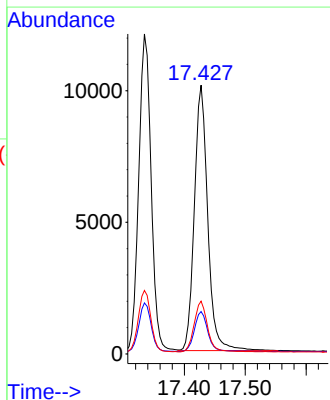
Manual Integrations
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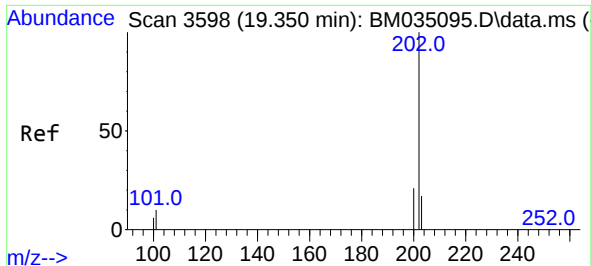
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#16
Anthracene
Concen: 0.353 ng/u1
RT: 17.427 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35

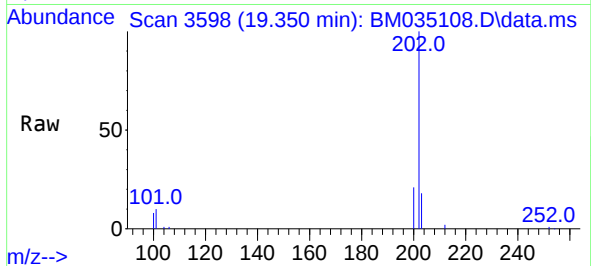
Tgt Ion:178 Resp: 15404
Ion Ratio Lower Upper
178 100
179 15.8 16.5 24.7#
176 19.7 18.3 27.5





#19
Fluoranthene
Concen: 0.369 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35

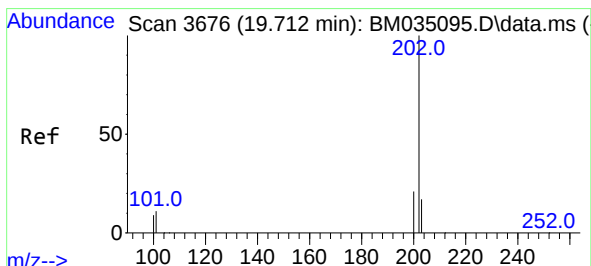
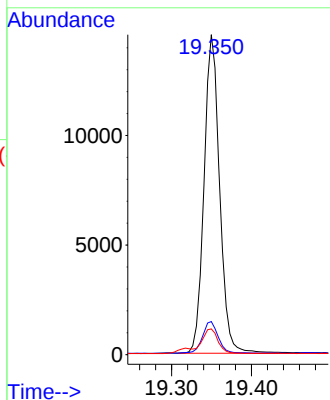
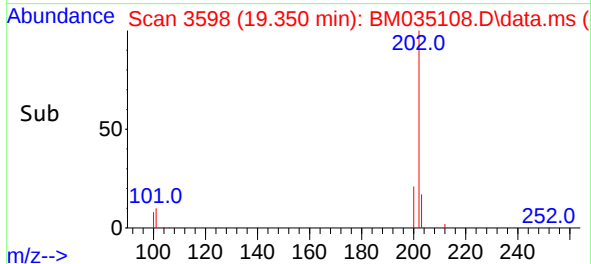
Instrument :
BNA_M
ClientSampleId :
SLCS680



Tgt Ion:	202	Resp:	1970
Ion Ratio	Lower	Upper	
202	100		
101	10.4	9.2	13.8
100	8.1	7.2	10.8

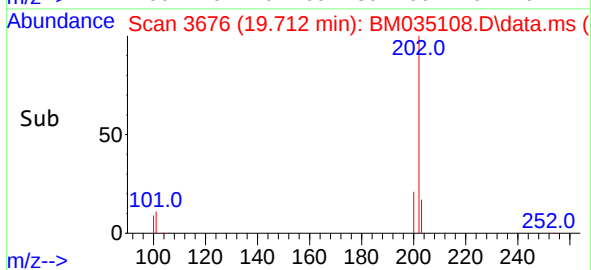
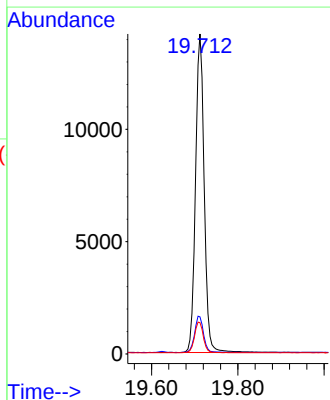
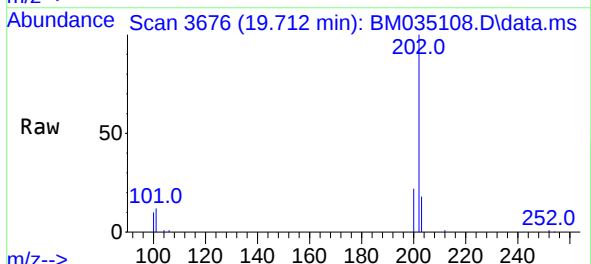
Manual Integrations
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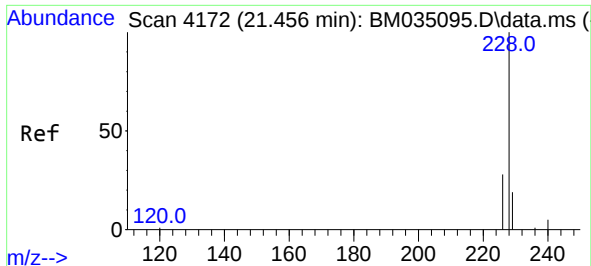
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#20
Pyrene
Concen: 0.366 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35

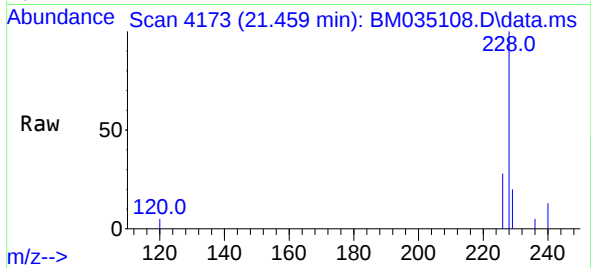
Tgt Ion:	202	Resp:	19846
Ion Ratio	Lower	Upper	
202	100		
101	11.6	9.3	13.9
100	9.8	7.8	11.6





#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.459 min Scan# 4173
Delta R.T. 0.000 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35

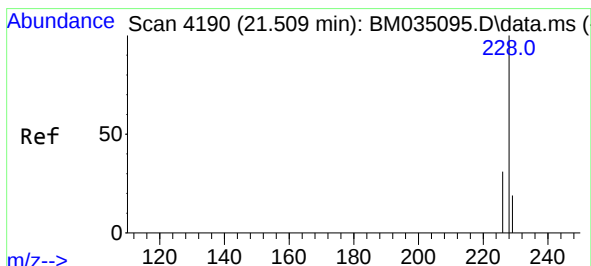
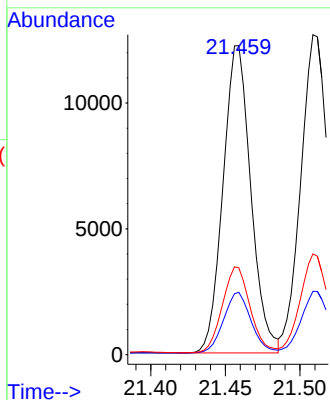
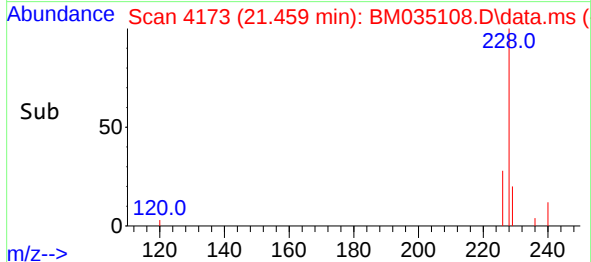
Instrument :
BNA_M
ClientSampleId :
SLCS680



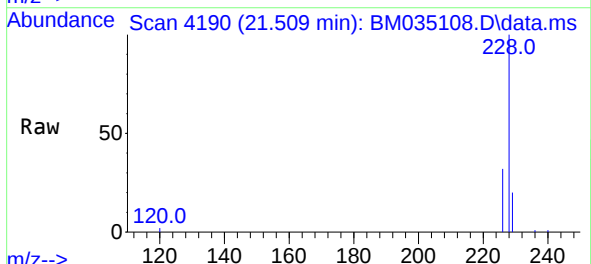
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Ion Ratio Lower Upper
228 100
229 20.2 17.3 25.9
226 28.1 23.2 34.8

Manual Integrations
APPROVED

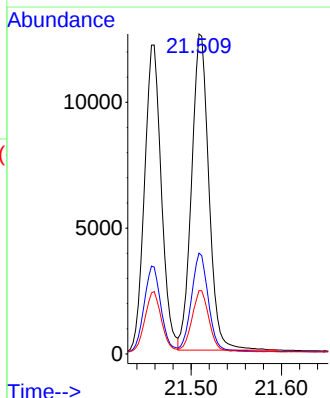
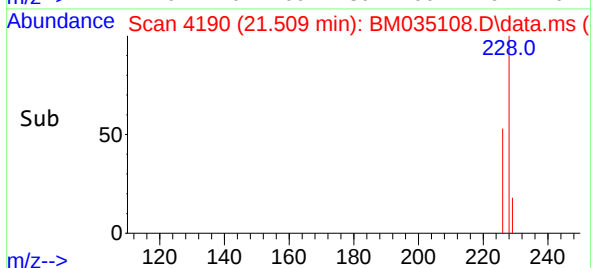
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

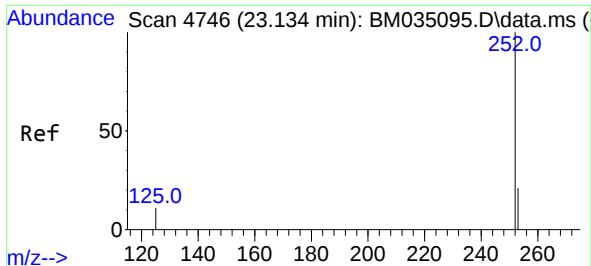


#22
Chrysene
Concen: 0.364 ng/ul
RT: 21.509 min Scan# 4190
Delta R.T. -0.003 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35



Tgt Ion:228 Resp: 16675
Ion Ratio Lower Upper
228 100
226 31.5 25.8 38.8
229 19.8 16.7 25.1





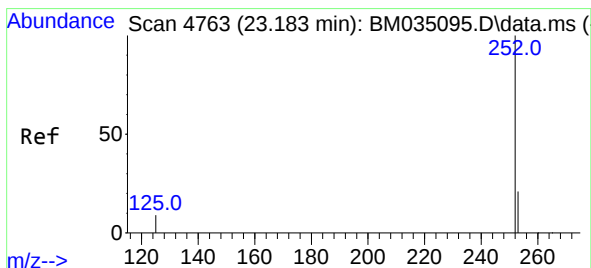
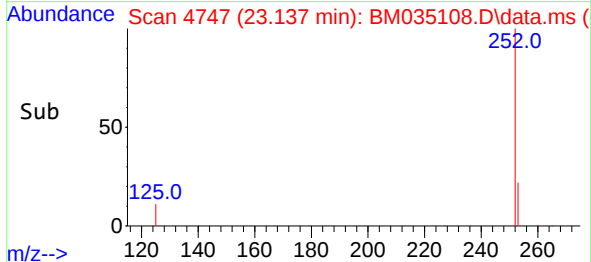
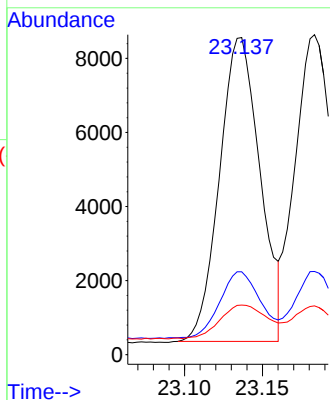
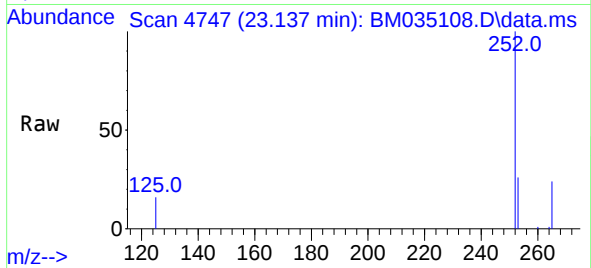
#24
Benzo(b)fluoranthene
Concen: 0.368 ng/ul
RT: 23.137 min Scan# 4746
Delta R.T. 0.003 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35

Instrument :
BNA_M
ClientSampleId :
SLCS680

Tgt Ion:252 Resp: 14870
Ion Ratio Lower Upper
252 100
253 26.2 0.0 64.2
125 15.7 0.0 28.8

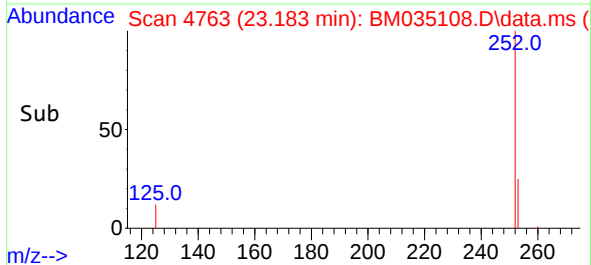
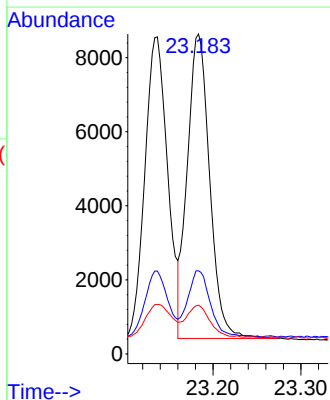
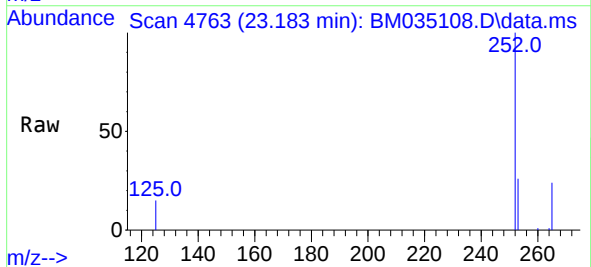
Manual Integrations
APPROVED

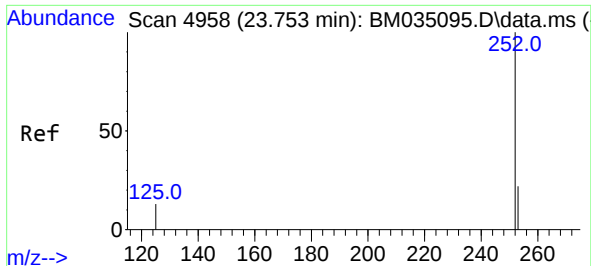
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#25
Benzo(k)fluoranthene
Concen: 0.376 ng/ul
RT: 23.183 min Scan# 4763
Delta R.T. 0.003 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35

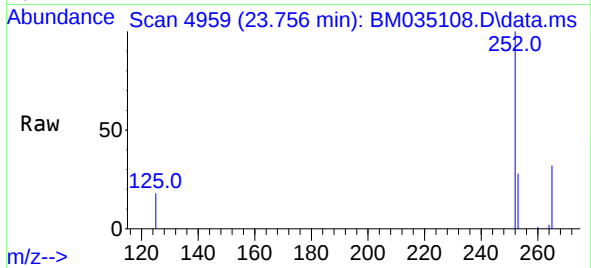
Tgt Ion:252 Resp: 14516
Ion Ratio Lower Upper
252 100
253 26.0 26.8 40.2#
125 15.3 12.0 18.0





#26
Benzo(a)pyrene
Concen: 0.366 ng/ul
RT: 23.756 min Scan# 4958
Delta R.T. 0.006 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35

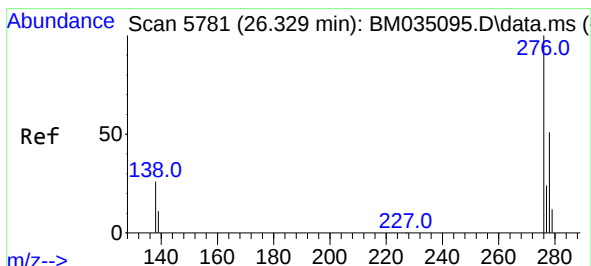
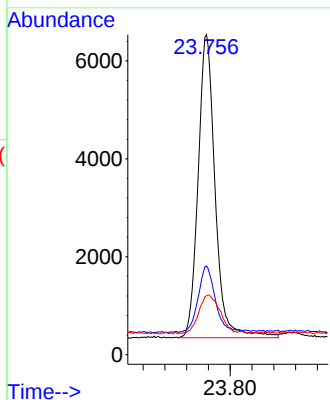
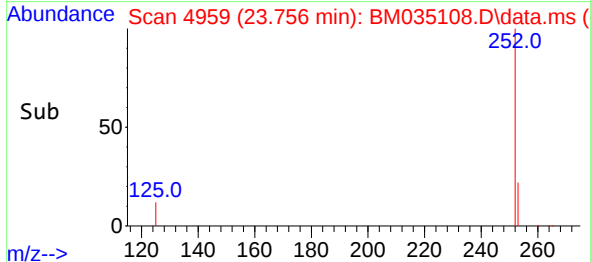
Instrument :
BNA_M
ClientSampleId :
SLCS680



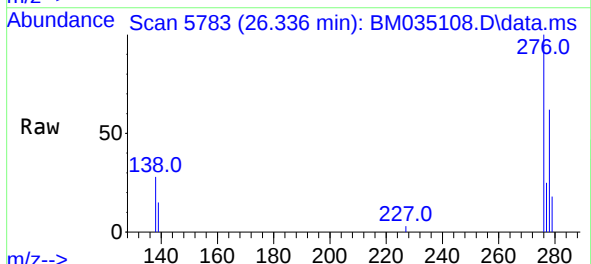
Tgt Ion:252 Resp: 13468
Ion Ratio Lower Upper
252 100
253 27.7 32.0 48.0#
125 18.4 14.5 21.7

Manual Integrations
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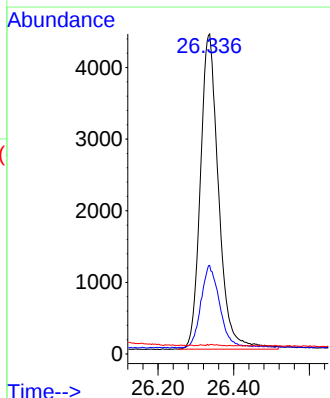
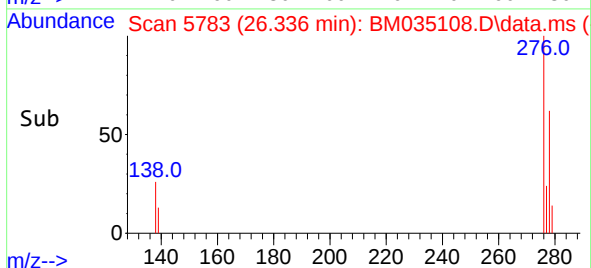
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

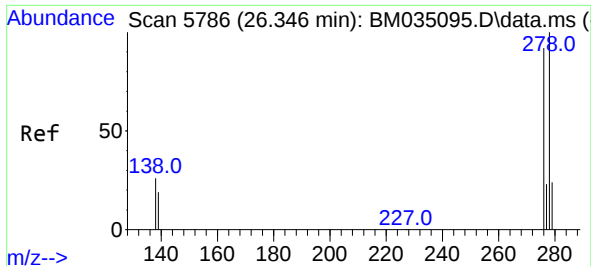


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng/ul
RT: 26.336 min Scan# 5783
Delta R.T. 0.010 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35



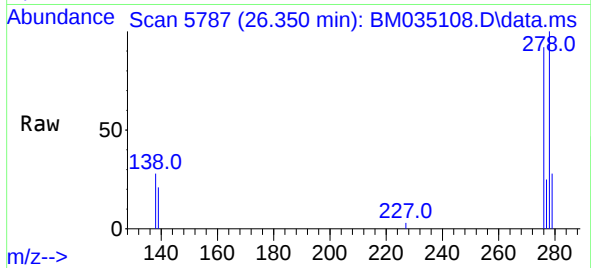
Tgt Ion:276 Resp: 14693
Ion Ratio Lower Upper
276 100
138 27.2 15.8 23.6#
227 0.3 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.412 ng/ul
RT: 26.350 min Scan# 5192
Delta R.T. 0.007 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35

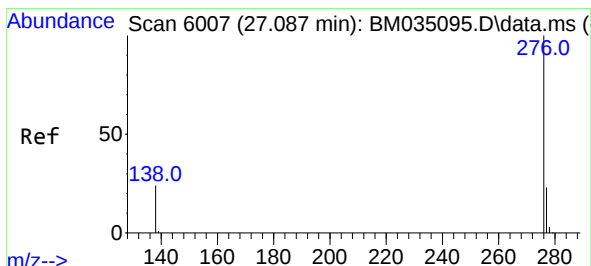
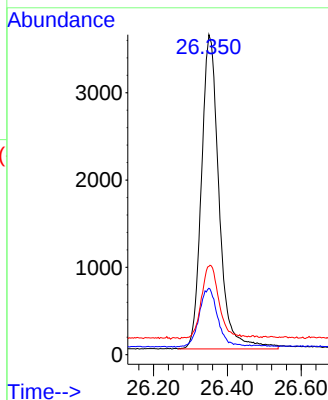
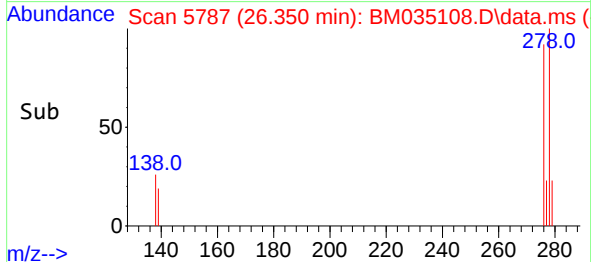
Instrument :
BNA_M
ClientSampleId :
SLCS680



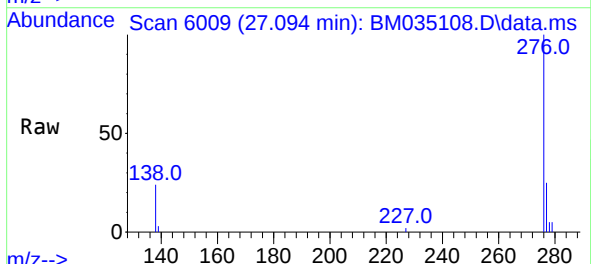
Tgt Ion:278 Resp: 1192
Ion Ratio Lower Upper
278 100
139 20.8 18.0 27.0
279 27.6 28.6 42.8

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#29
Benzo(g,h,i)perylene
Concen: 0.403 ng/ul
RT: 27.094 min Scan# 6009
Delta R.T. 0.014 min
Lab File: BM035108.D
Acq: 16 May 2022 17:35



Tgt Ion:276 Resp: 12621
Ion Ratio Lower Upper
276 100
138 24.3 17.4 26.0
277 25.0 22.6 33.8

