

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
 Data File : BM035100.D
 Acq On : 16 May 2022 12:40
 Operator : CG/JU
 Sample : N2707-06MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXL87MSD

Manual Integrations
 APPROVED

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

Quant Time: May 17 00:50:57 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	3814	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	11909	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.552	164	7601	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	16281	0.400	ng/ul #	0.00
17) Chrysene-d12	21.473	240	12137	0.400	ng/ul	0.00
23) Perylene-d12	23.859	264	9974	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	1034	0.226	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	7424	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	19954	0.479	ng/ul	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.394	88	2872m	0.626	ng/ul	
5) Naphthalene	10.765	128	13473	0.343	ng/ul#	89
7) 2-Methylnaphthalene	12.376	142	9194	0.356	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	9105	0.379	ng/ul	100
10) Acenaphthylene	14.270	152	15198	0.338	ng/ul#	90
11) Acenaphthene	14.612	153	11031	0.340	ng/ul	96
12) Fluorene	15.597	166	13247	0.349	ng/ul#	97
14) Pentachlorophenol	16.946	266	4750	0.772	ng/ul	98
15) Phenanthrene	17.334	178	23498	0.379	ng/ul	94
16) Anthracene	17.427	178	21524	0.381	ng/ul#	91
19) Fluoranthene	19.350	202	28097	0.412	ng/ul	98
20) Pyrene	19.712	202	28831	0.416	ng/ul	100
21) Benzo(a)anthracene	21.459	228	22728	0.405	ng/ul	97
22) Chrysene	21.511	228	22981	0.393	ng/ul	98
24) Benzo(b)fluoranthene	23.136	252	20655	0.395	ng/ul	90
25) Benzo(k)fluoranthene	23.183	252	19660	0.394	ng/ul#	90
26) Benzo(a)pyrene	23.753	252	18665	0.392	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.336	276	20439	0.434	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.350	278	16533	0.441	ng/ul#	89
29) Benzo(g,h,i)perylene	27.091	276	17406	0.430	ng/ul	94

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

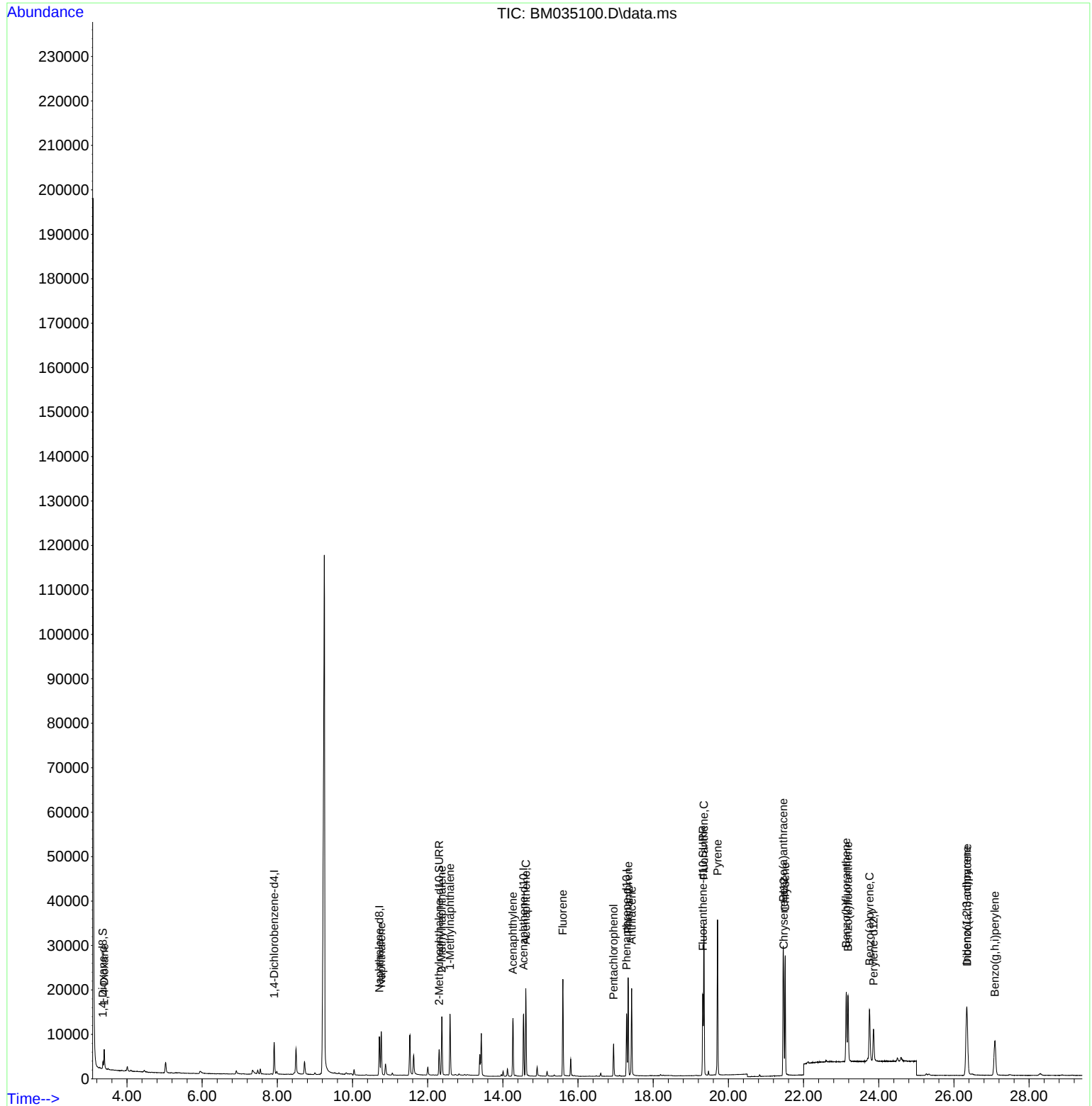
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
Data File : BM035100.D
Acq On : 16 May 2022 12:40
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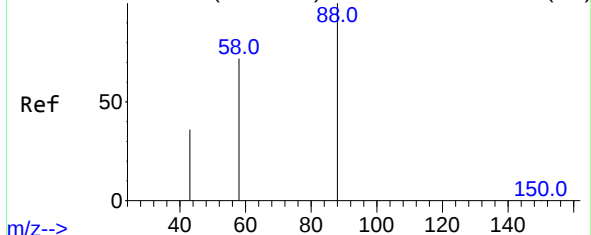
Quant Time: May 17 00:50:57 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration

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Supervised By :mohammad ahmed 05/18/2022

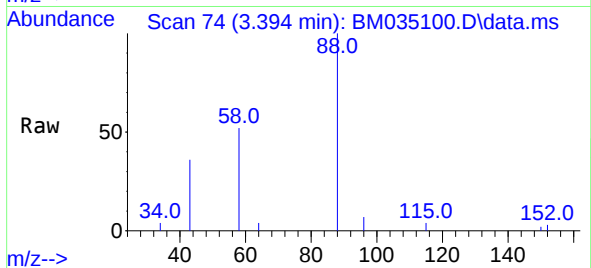


Abundance Scan 74 (3.394 min): BM035095.D\data.ms (-66)



#2
1,4-Dioxane
Concen: 0.626 ng/ul m
RT: 3.394 min Scan# 74
Delta R.T. -0.000 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

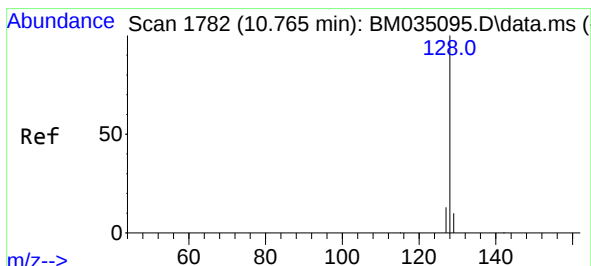
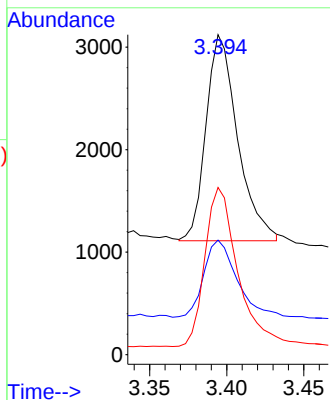
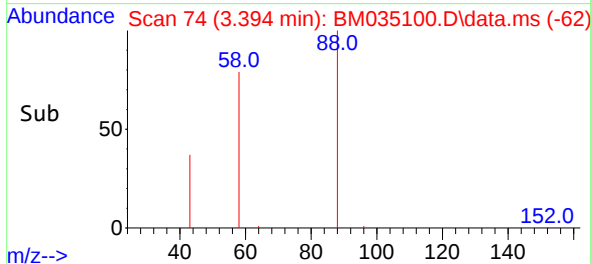
Instrument :
BNA_M
ClientSampleId :
EXL87MSD



Tgt Ion: 88 Resp: 2872
Ion Ratio Lower Upper
88 100
43 35.8 49.7 74.5
58 52.2 52.5 78.7

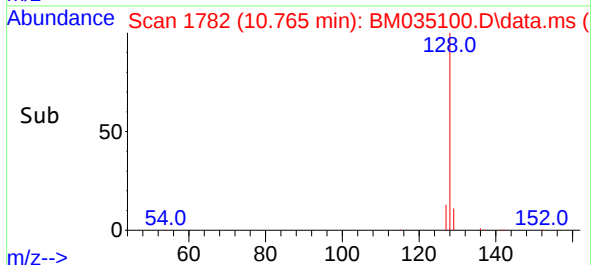
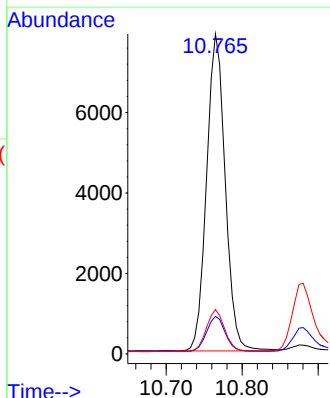
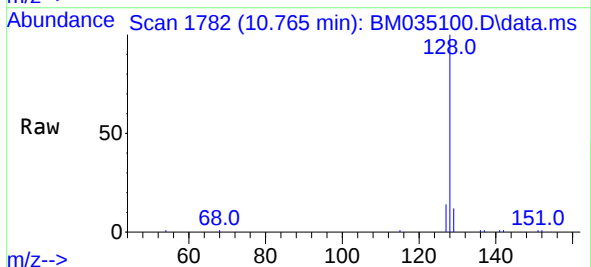
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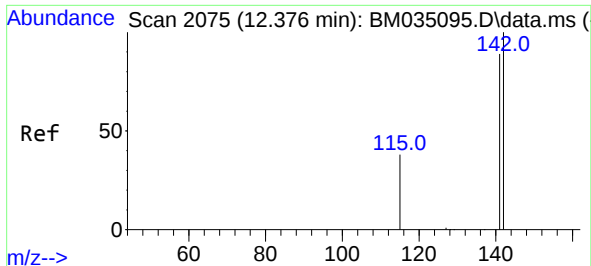
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#5
Naphthalene
Concen: 0.343 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

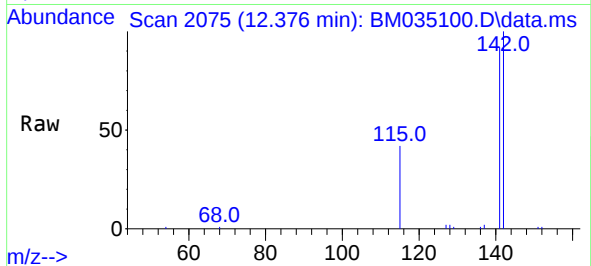
Tgt Ion:128 Resp: 13473
Ion Ratio Lower Upper
128 100
129 11.8 13.4 20.2#
127 13.9 15.2 22.8#





#7
2-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.376 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

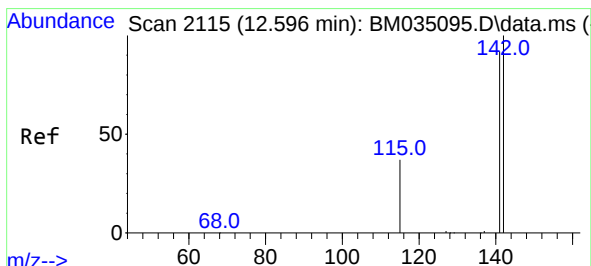
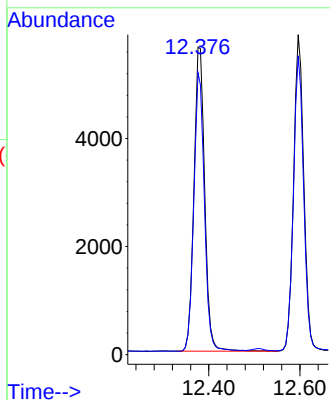
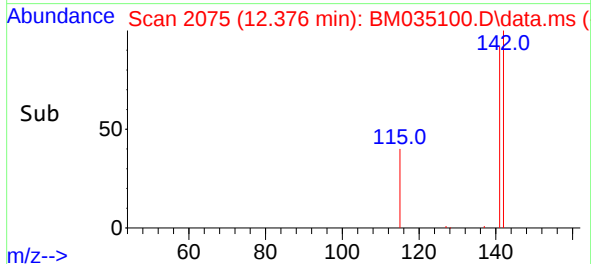
Instrument :
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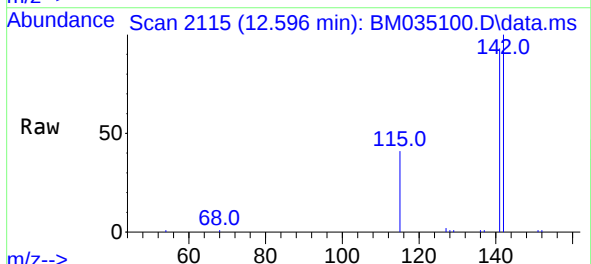
Tgt Ion:142 Resp: 9194
Ion Ratio Lower Upper
142 100
141 90.4 71.8 107.6

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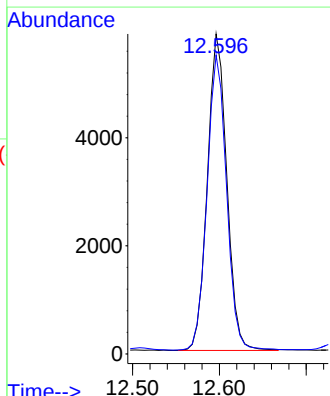
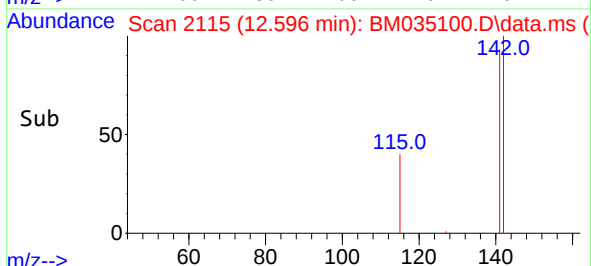
Reviewed By :Jagrut Upadhyay 05/17/2022
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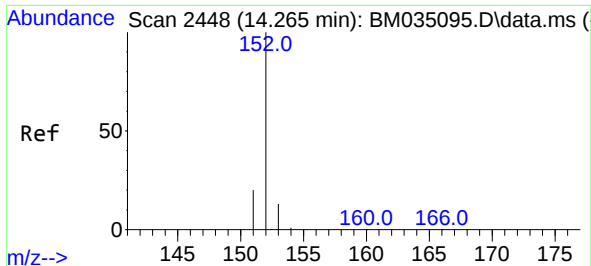


#8
1-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40



Tgt Ion:142 Resp: 9105
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4





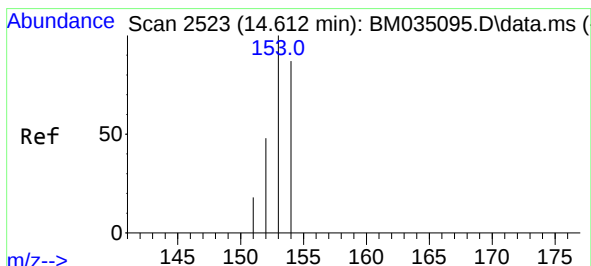
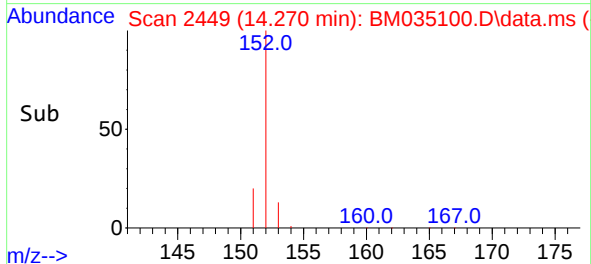
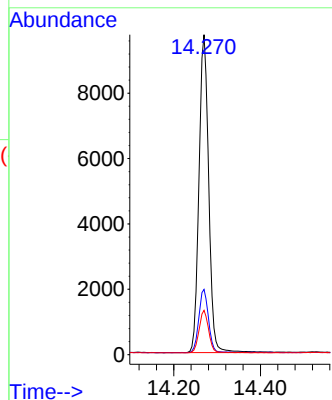
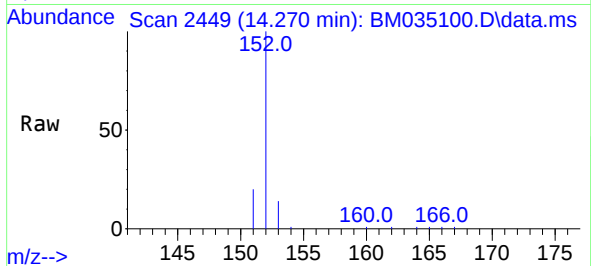
#10
Acenaphthylene
Concen: 0.338 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. -0.000 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

Instrument :
BNA_M
ClientSampleId :
EXL87MSD

Tgt Ion:152 Resp: 15198
Ion Ratio Lower Upper
152 100
151 20.4 19.9 29.9
153 13.9 15.0 22.4

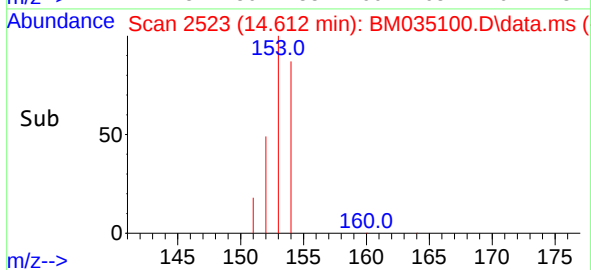
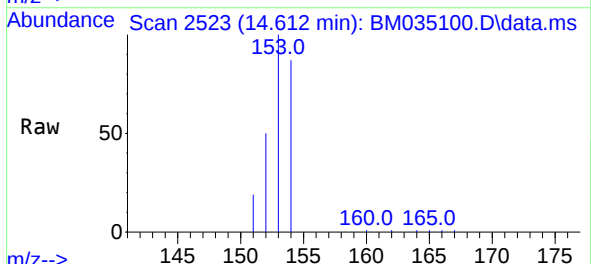
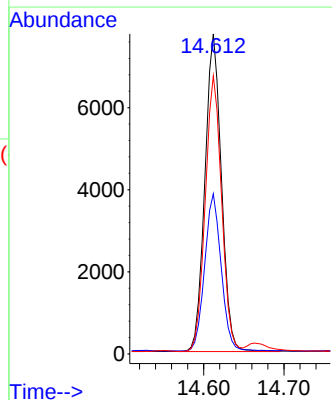
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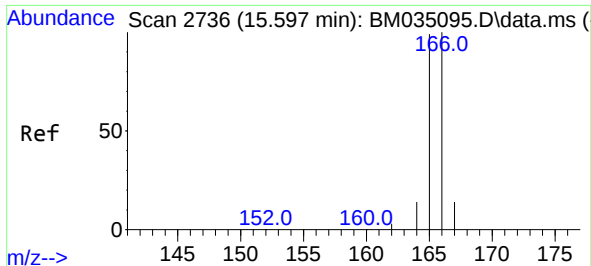
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#11
Acenaphthene
Concen: 0.340 ng/ul
RT: 14.612 min Scan# 2523
Delta R.T. -0.005 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

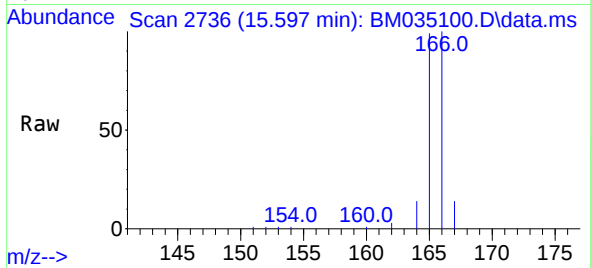
Tgt Ion:153 Resp: 11031
Ion Ratio Lower Upper
153 100
152 50.0 42.4 63.6
154 86.9 66.2 99.2





#12
Fluorene
Concen: 0.349 ng/ul
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

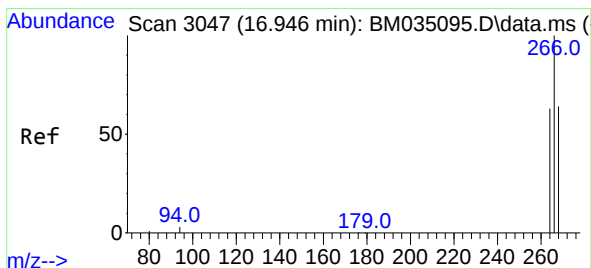
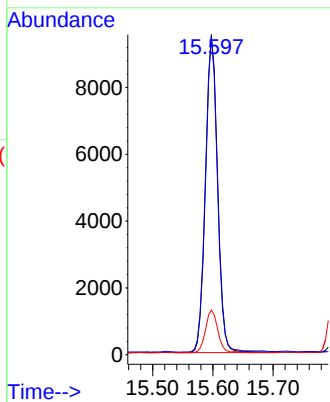
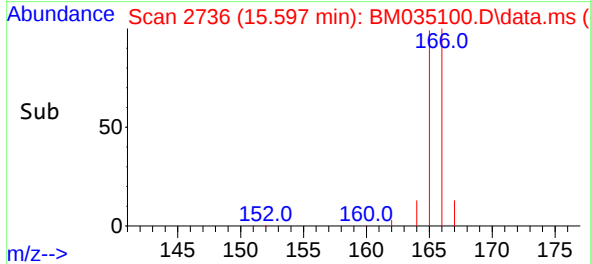
Instrument :
BNA_M
ClientSampleId :
EXL87MSD



Tgt Ion:166 Resp: 1324
Ion Ratio Lower Upper
166 100
165 99.2 81.1 121.7
167 13.9 14.9 22.3

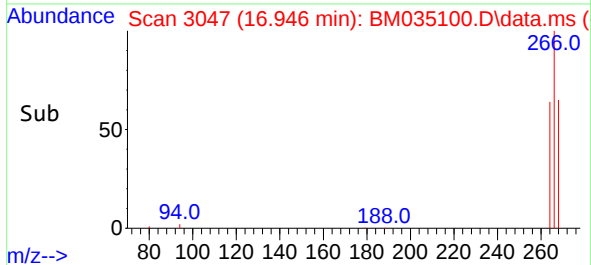
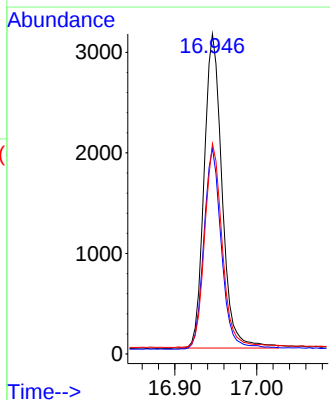
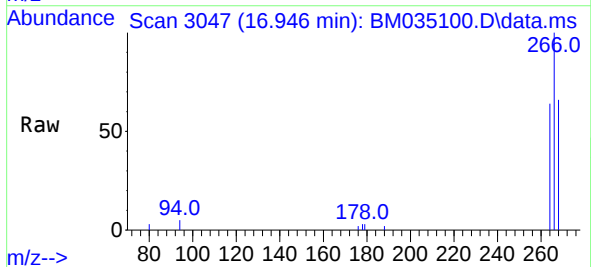
Manual Integrations
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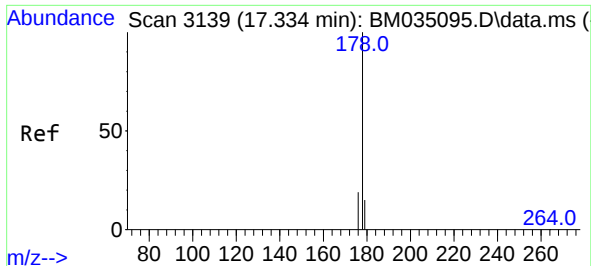
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#14
Pentachlorophenol
Concen: 0.772 ng/ul
RT: 16.946 min Scan# 3047
Delta R.T. -0.000 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

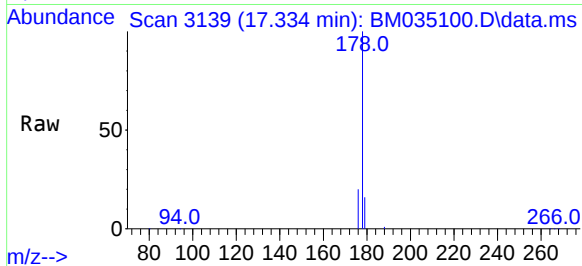
Tgt Ion:266 Resp: 4750
Ion Ratio Lower Upper
266 100
264 63.0 51.4 77.0
268 63.9 53.1 79.7





#15
Phenanthrene
Concen: 0.379 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

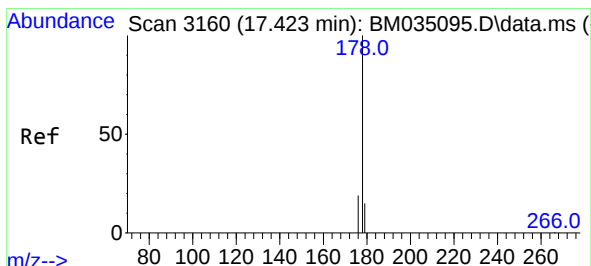
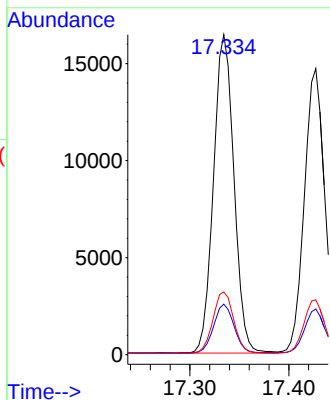
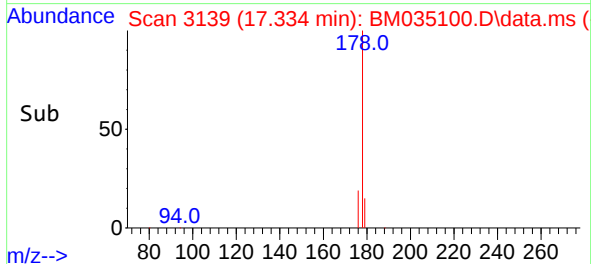
Instrument :
BNA_M
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EXL87MSD



Tgt Ion:178 Resp: 23498
Ion Ratio Lower Upper
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179 15.8 15.0 22.6
176 19.6 17.9 26.9

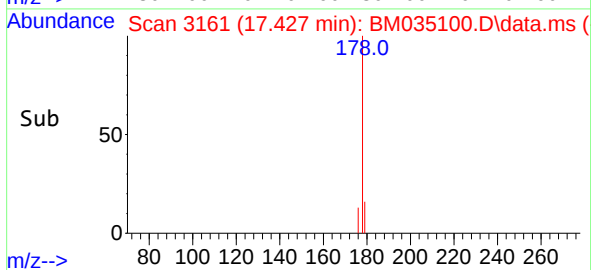
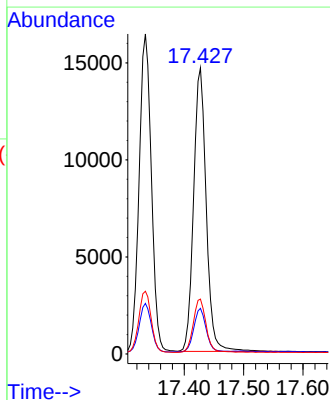
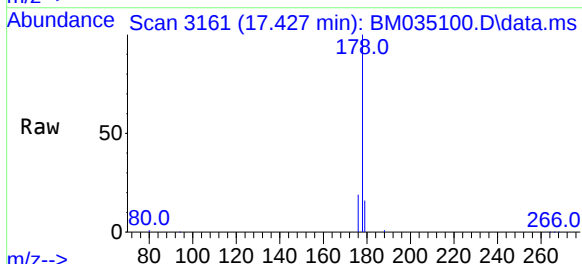
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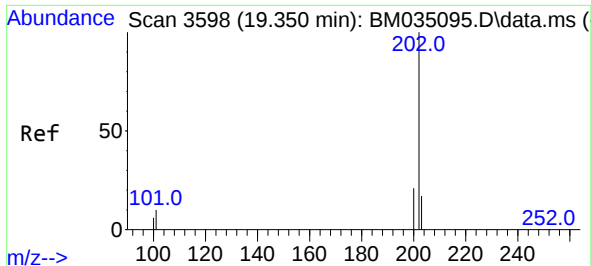
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#16
Anthracene
Concen: 0.381 ng/u1
RT: 17.427 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

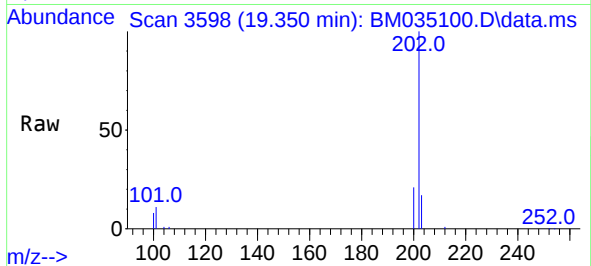
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Ion Ratio Lower Upper
178 100
179 15.9 16.5 24.7#
176 19.2 18.3 27.5





#19
Fluoranthene
Concen: 0.412 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. -0.000 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

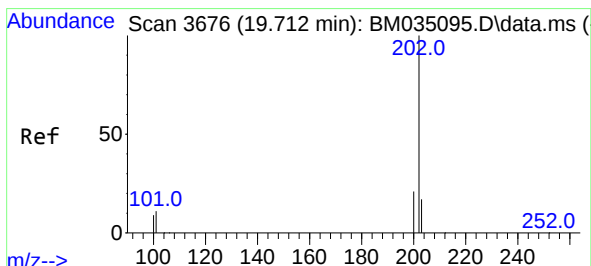
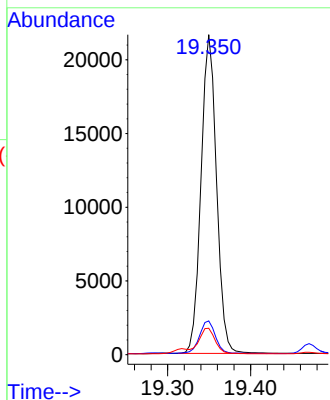
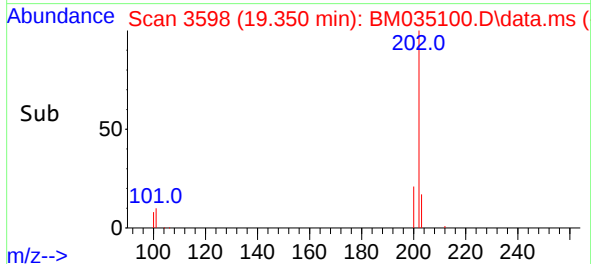
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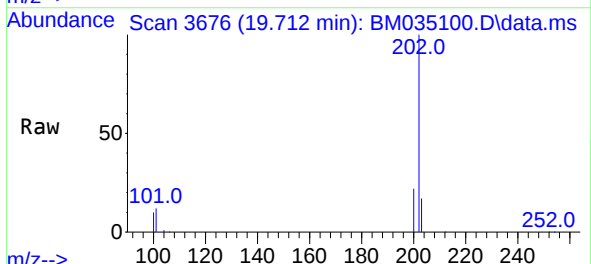
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Ion Ratio Lower Upper
202 100
101 10.6 9.2 13.8
100 8.2 7.2 10.8

Manual Integrations
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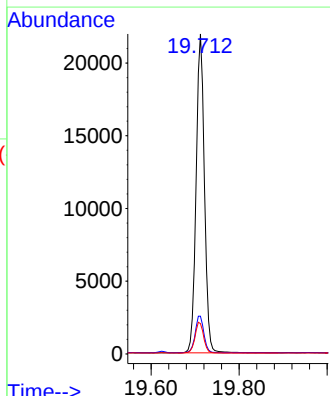
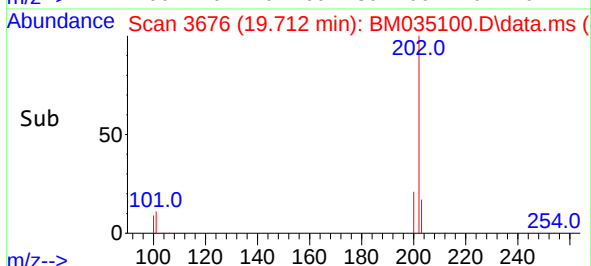
Reviewed By :Jagrut Upadhyay 05/17/2022
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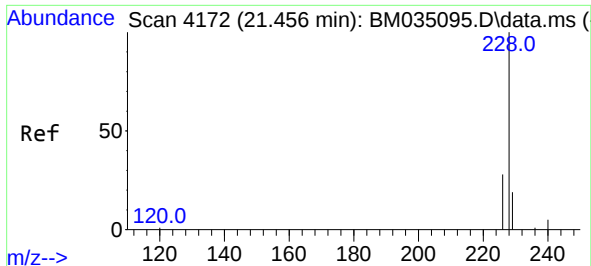


#20
Pyrene
Concen: 0.416 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40



Tgt Ion:202 Resp: 28831
Ion Ratio Lower Upper
202 100
101 11.8 9.3 13.9
100 9.5 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.405 ng/u1
RT: 21.459 min Scan# 4172
Delta R.T. -0.000 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

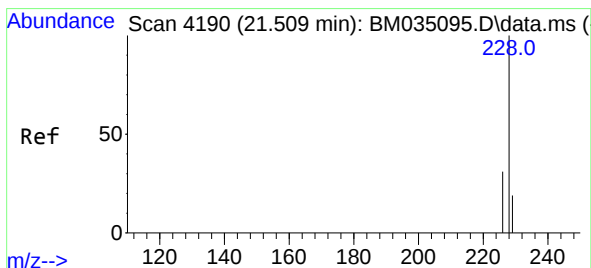
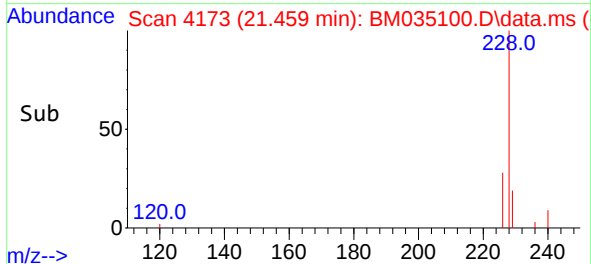
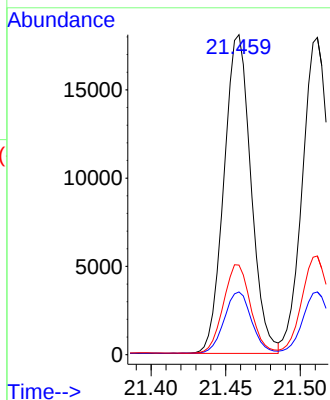
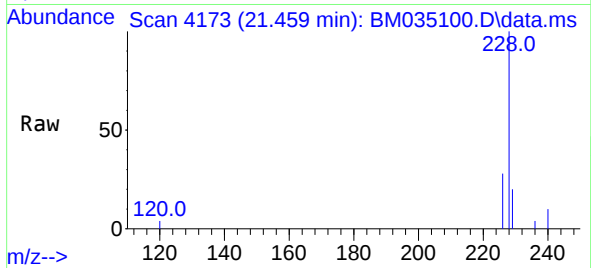
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 22728

Ion	Ratio	Lower	Upper
228	100		
229	19.6	17.3	25.9
226	28.0	23.2	34.8

Manual Integrations
APPROVED

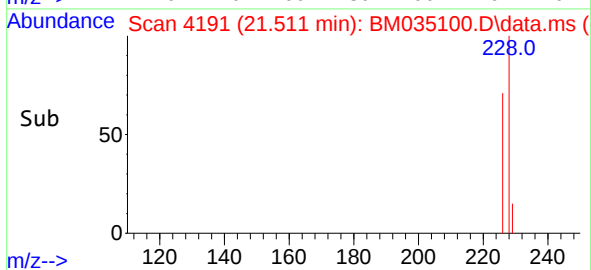
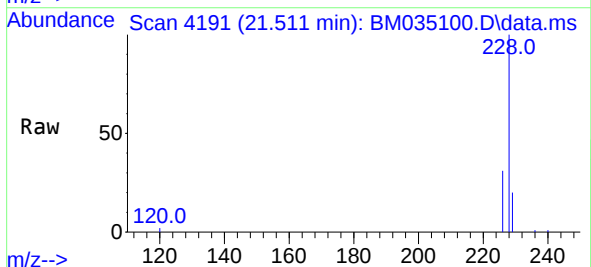
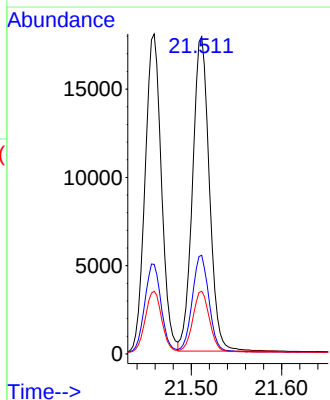
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

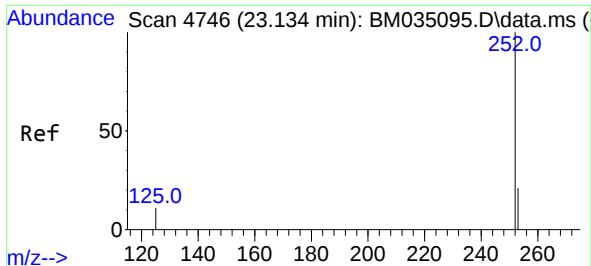


#22
Chrysene
Concen: 0.393 ng/u1
RT: 21.511 min Scan# 4191
Delta R.T. -0.000 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

Tgt Ion:228 Resp: 22981

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.8	38.8
229	19.8	16.7	25.1





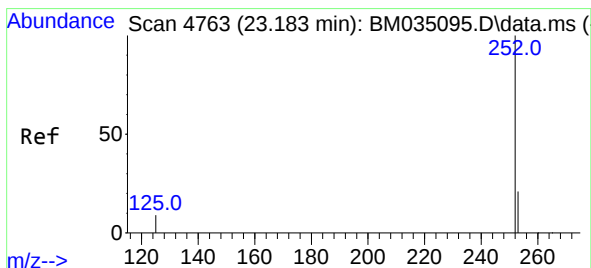
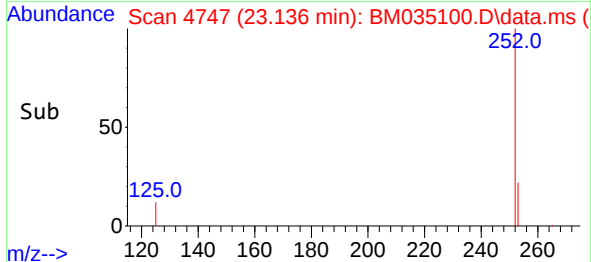
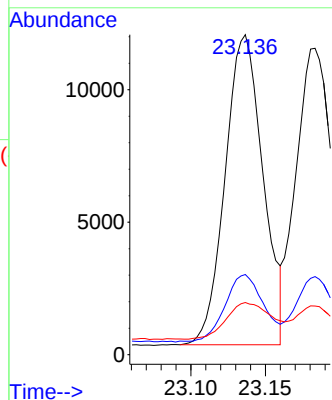
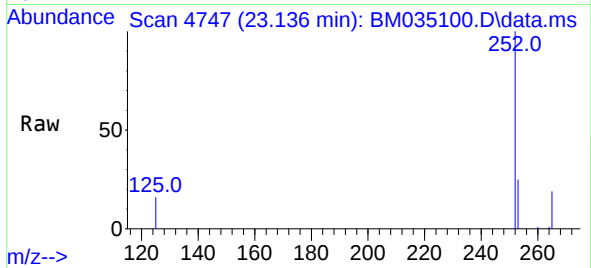
#24
Benzo(b)fluoranthene
Concen: 0.395 ng/ul
RT: 23.136 min Scan# 4746
Delta R.T. 0.003 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

Instrument :
BNA_M
ClientSampleId :
EXL87MSD

Tgt Ion:252 Resp: 2065
Ion Ratio Lower Upper
252 100
253 25.1 0.0 64.2
125 16.3 0.0 28.8

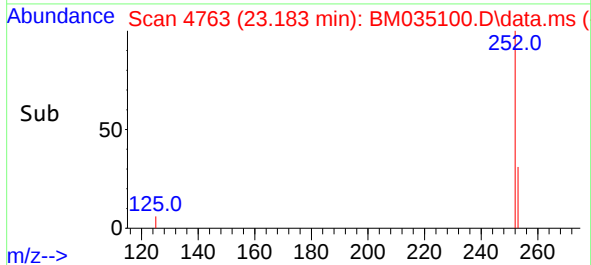
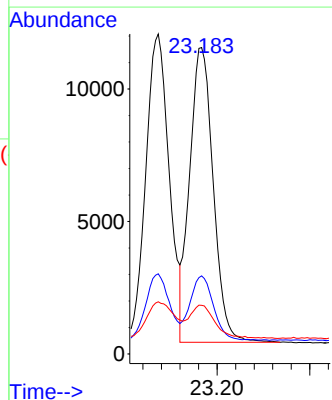
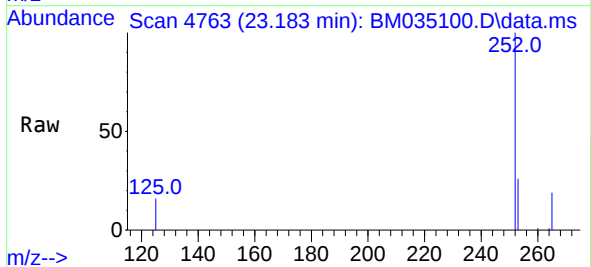
Manual Integrations
APPROVED

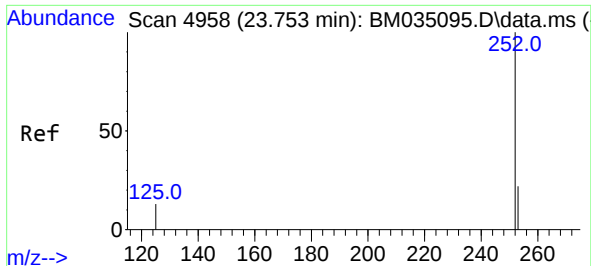
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 23.183 min Scan# 4763
Delta R.T. 0.003 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

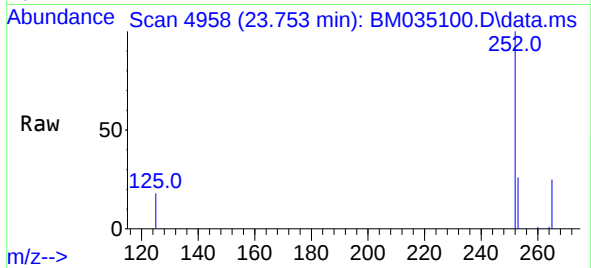
Tgt Ion:252 Resp: 19660
Ion Ratio Lower Upper
252 100
253 25.5 26.8 40.2#
125 15.9 12.0 18.0





#26
Benzo(a)pyrene
Concen: 0.392 ng/ul
RT: 23.753 min Scan# 4958
Delta R.T. 0.003 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

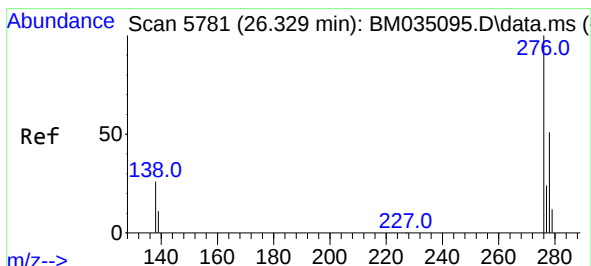
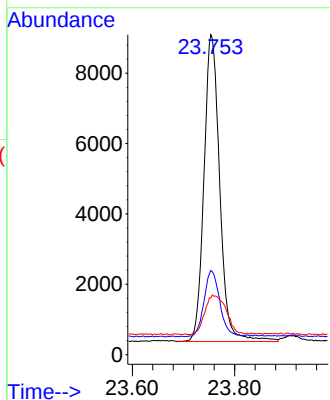
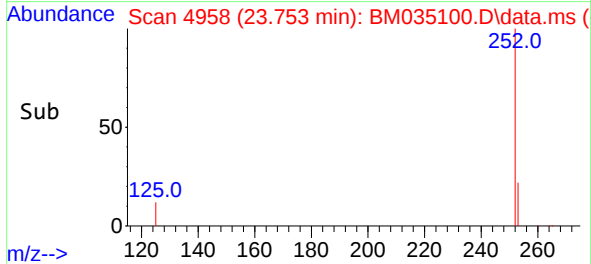
Instrument :
BNA_M
ClientSampleId :
EXL87MSD



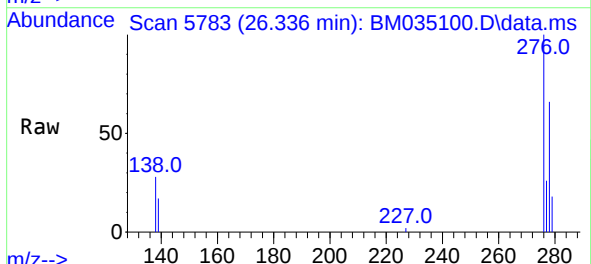
Tgt Ion:252 Resp: 1866
Ion Ratio Lower Upper
252 100
253 26.3 32.0 48.0
125 17.7 14.5 21.7

Manual Integrations
APPROVED

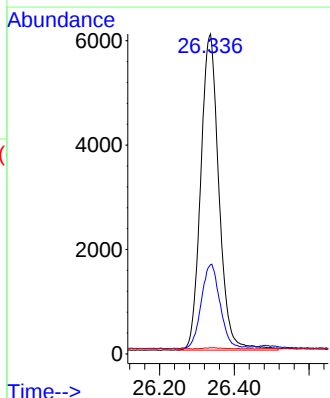
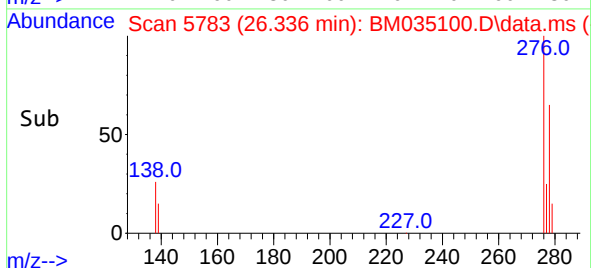
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

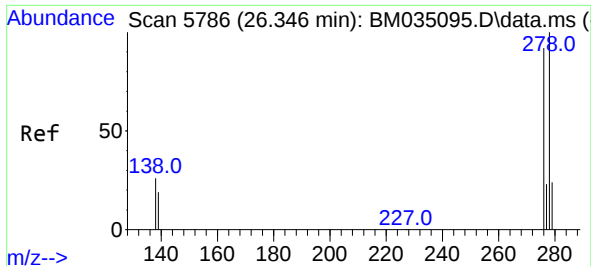


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng/ul
RT: 26.336 min Scan# 5783
Delta R.T. 0.010 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40



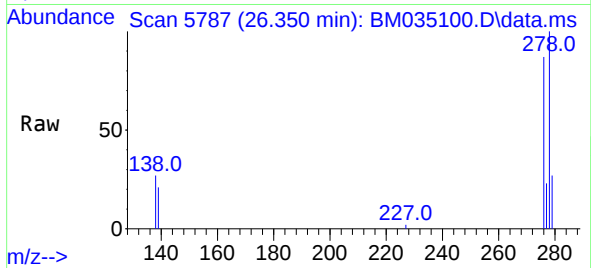
Tgt Ion:276 Resp: 20439
Ion Ratio Lower Upper
276 100
138 27.8 15.8 23.6#
227 0.3 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.441 ng/ul
RT: 26.350 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40

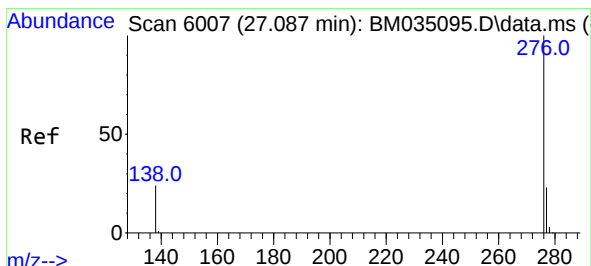
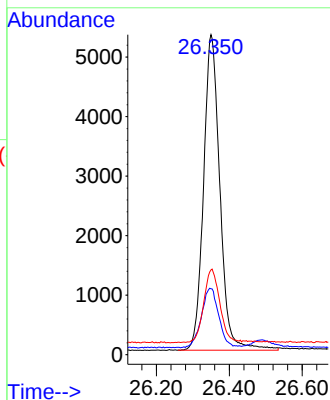
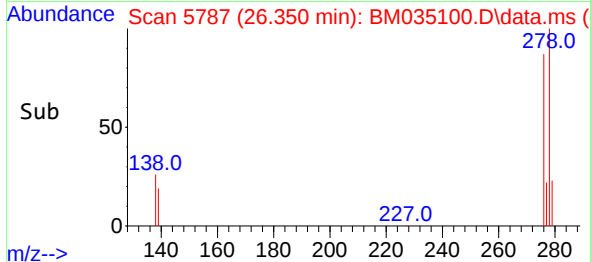
Instrument :
BNA_M
ClientSampleId :
EXL87MSD



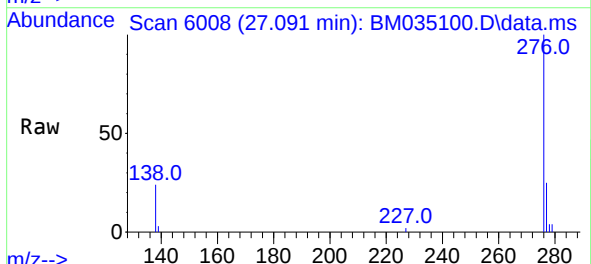
Tgt Ion:278 Resp: 1653
Ion Ratio Lower Upper
278 100
139 20.6 18.0 27.0
279 26.5 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.430 ng/ul
RT: 27.091 min Scan# 6008
Delta R.T. 0.010 min
Lab File: BM035100.D
Acq: 16 May 2022 12:40



Tgt Ion:276 Resp: 17406
Ion Ratio Lower Upper
276 100
138 24.1 17.4 26.0
277 25.1 22.6 33.8

