

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
 Data File : BM037187.D
 Acq On : 22 Oct 2022 03:43
 Operator : CG/JU
 Sample : N5064-03DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ3DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 04:16:05 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:34:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	5218	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	16340	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.530	164	9900	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.268	188	21446	0.400	ng/ul	0.00
17) Chrysene-d12	21.443	240	17918	0.400	ng/ul	0.00
23) Perylene-d12	23.817	264	14603	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	4627	0.727	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	1326	0.057	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	3385	0.062	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.748	128	27125	0.560	ng/ul	100
7) 2-Methylnaphthalene	12.360	142	22850	0.788	ng/ul	98
8) 1-Methylnaphthalene	12.580	142	18301	0.619	ng/ul	100
10) Acenaphthylene	14.252	152	18889	0.444	ng/ul	98
11) Acenaphthene	14.594	153	1093	0.028	ng/ul	94
12) Fluorene	15.575	166	1481	0.033	ng/ul#	84
15) Phenanthrene	17.310	178	52742	0.729	ng/ul	99
16) Anthracene	17.403	178	13145	0.229	ng/ul	98
19) Fluoranthene	19.322	202	121710	1.564	ng/ul	98
20) Pyrene	19.685	202	117596	1.490	ng/ul	100
21) Benzo(a)anthracene	21.429	228	64775	0.932	ng/ul	95
22) Chrysene	21.481	228	76844	0.960	ng/ul	98
24) Benzo(b)fluoranthene	23.092	252	125994	1.629	ng/ul	95
25) Benzo(k)fluoranthene	23.139	252	45890m	0.614	ng/ul	
26) Benzo(a)pyrene	23.709	252	67179	1.082	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.261	276	49653	0.572	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.272	278	12171	0.178	ng/ul#	85
29) Benzo(g,h,i)perylene	27.023	276	45763	0.600	ng/ul	98

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

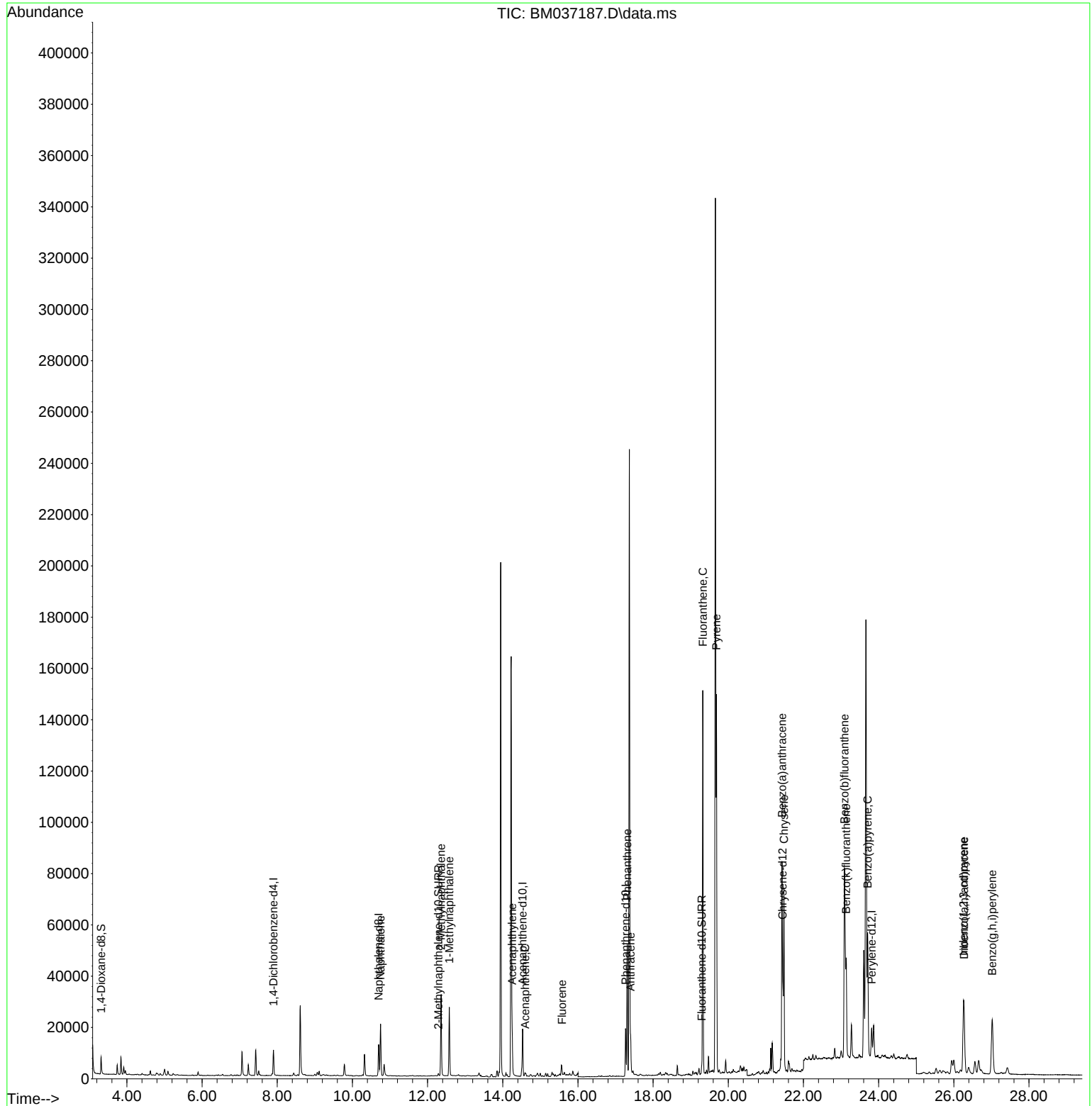
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102122\
Data File : BM037187.D
Acq On : 22 Oct 2022 03:43
Operator : CG/JU
Sample : N5064-03DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

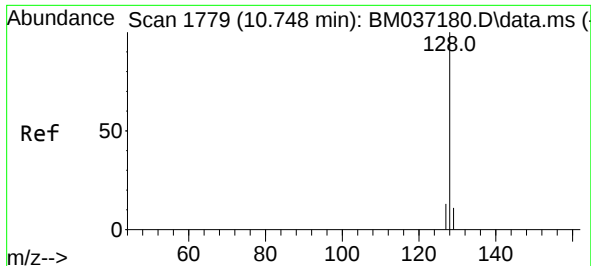
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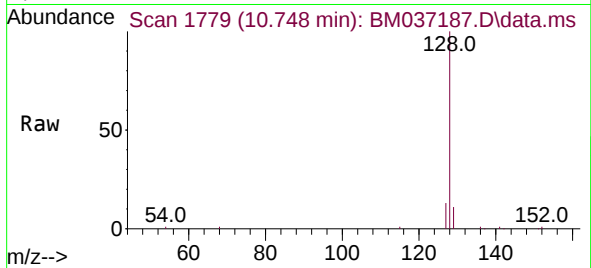
Quant Time: Oct 22 04:16:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:34:37 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.560 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BM037187.D
Acq: 22 Oct 2022 03:43

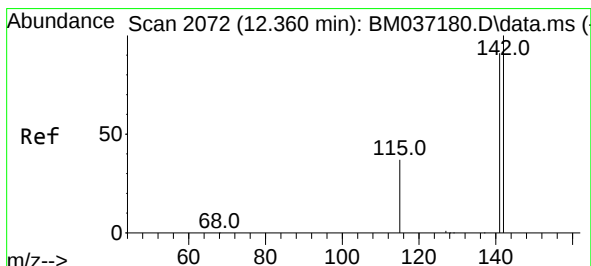
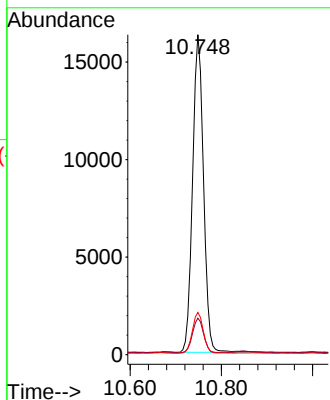
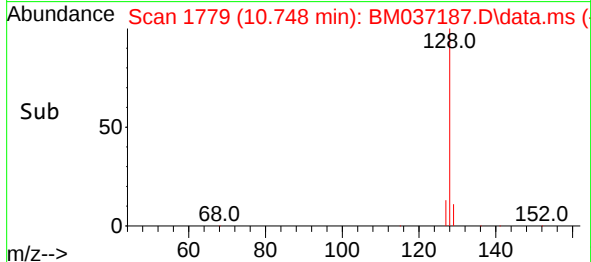
Instrument :
BNA_M
ClientSampleId :
C0BJ3DL



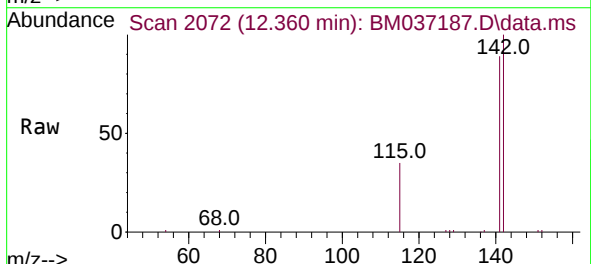
Tgt Ion:128 Resp: 27125
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.2 10.5 15.7

Manual Integrations
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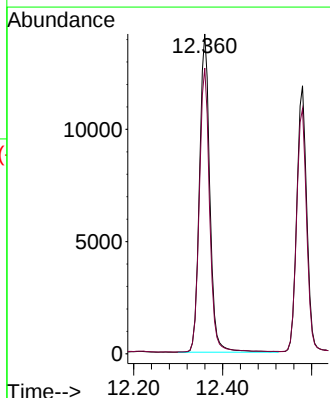
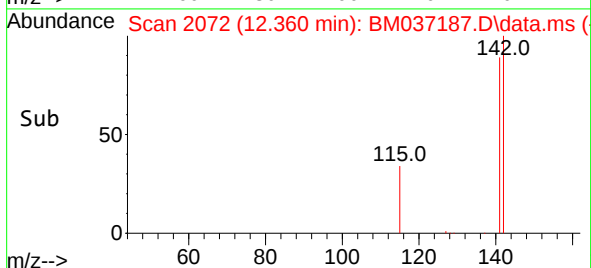
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

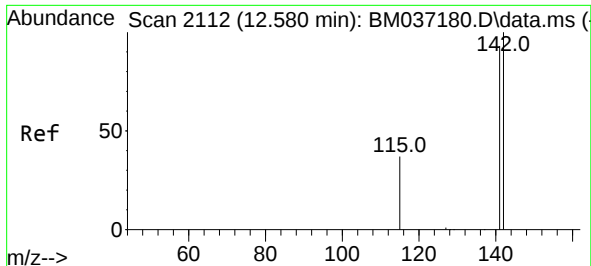


#7
2-Methylnaphthalene
Concen: 0.788 ng/ul
RT: 12.360 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BM037187.D
Acq: 22 Oct 2022 03:43



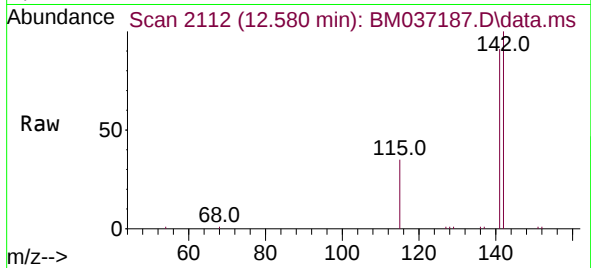
Tgt Ion:142 Resp: 22850
Ion Ratio Lower Upper
142 100
141 89.2 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.619 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM037187.D
Acq: 22 Oct 2022 03:43

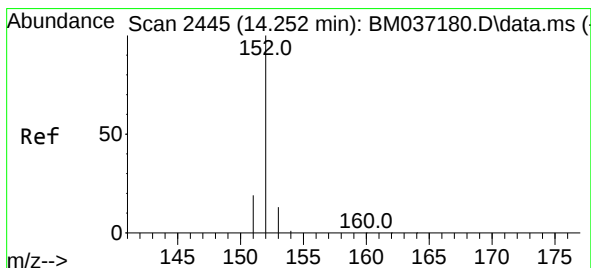
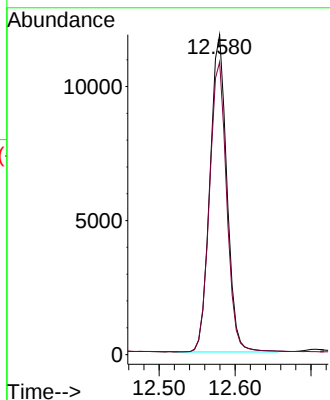
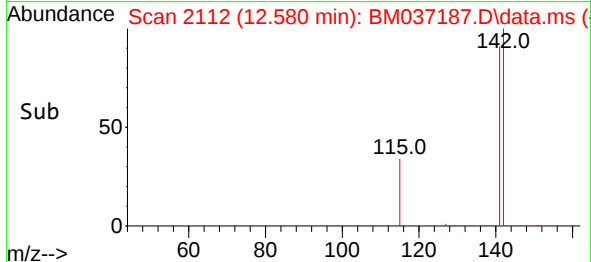
Instrument :
BNA_M
ClientSampleId :
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Ion Ratio Lower Upper
142 100
141 92.6 74.2 111.4

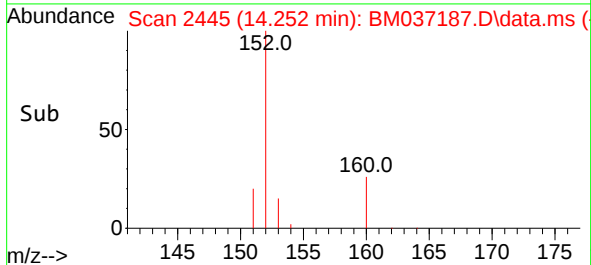
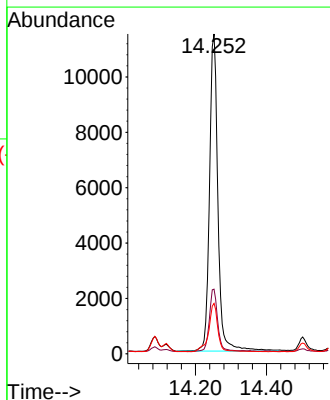
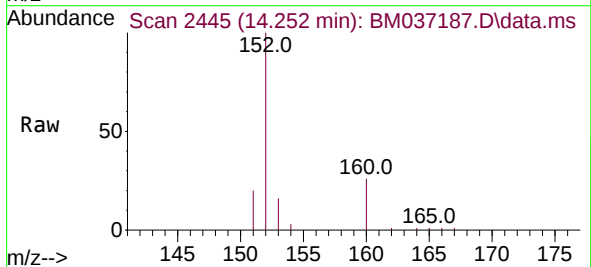
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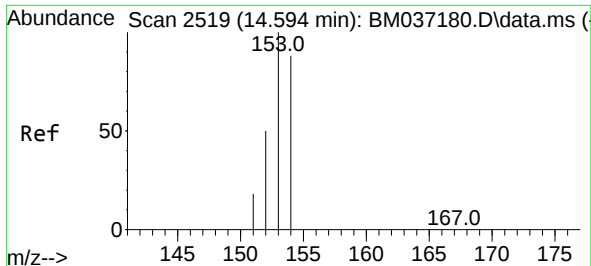
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#10
Acenaphthylene
Concen: 0.444 ng/ul
RT: 14.252 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BM037187.D
Acq: 22 Oct 2022 03:43

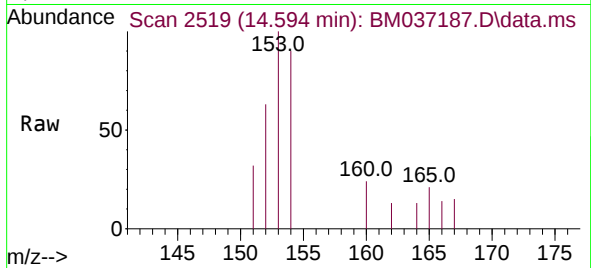
Tgt Ion:152 Resp: 18889
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 15.8 10.8 16.2





#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.594 min Scan# 2519
Delta R.T. -0.000 min
Lab File: BM037187.D
Acq: 22 Oct 2022 03:43

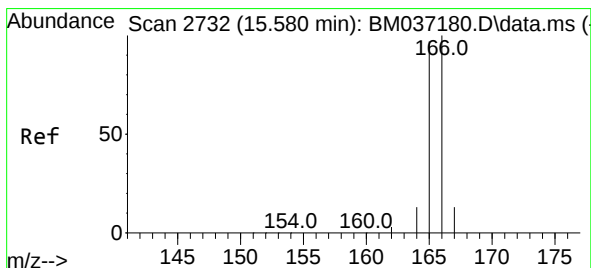
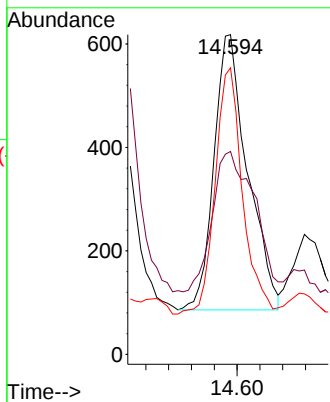
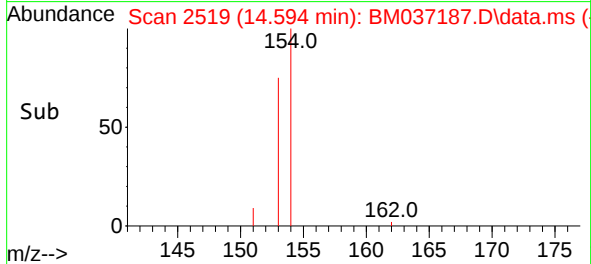
Instrument :
BNA_M
ClientSampleId :
C0BJ3DL



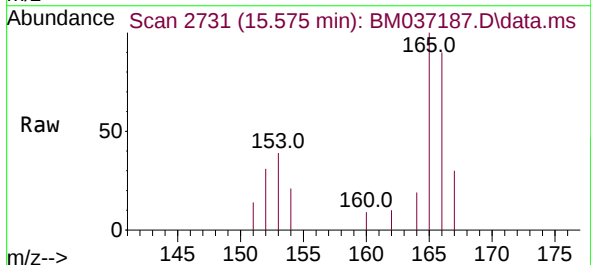
Tgt Ion:153 Resp: 1093
Ion Ratio Lower Upper
153 100
152 63.4 43.3 64.9
154 89.6 70.0 105.0

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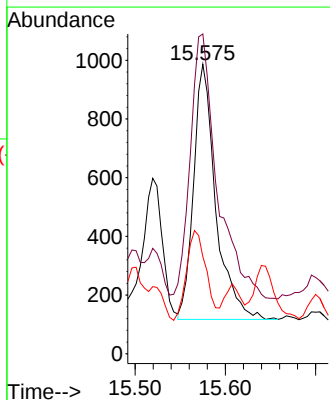
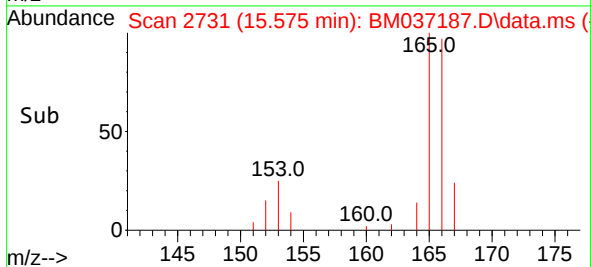
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

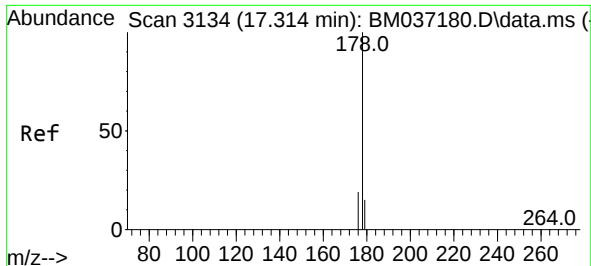


#12
Fluorene
Concen: 0.033 ng/ul
RT: 15.575 min Scan# 2731
Delta R.T. -0.005 min
Lab File: BM037187.D
Acq: 22 Oct 2022 03:43



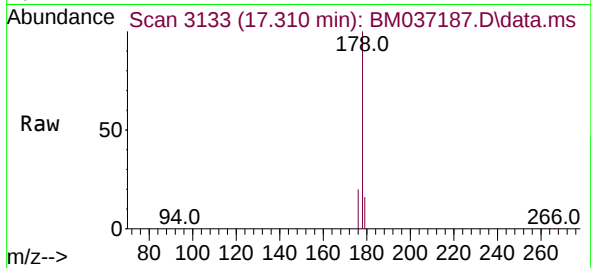
Tgt Ion:166 Resp: 1481
Ion Ratio Lower Upper
166 100
165 110.5 79.4 119.2
167 33.6 11.3 16.9#





#15
Phenanthrene
Concen: 0.729 ng/ul
RT: 17.310 min Scan# 3134
Delta R.T. -0.004 min
Lab File: BM037187.D
Acq: 22 Oct 2022 03:43

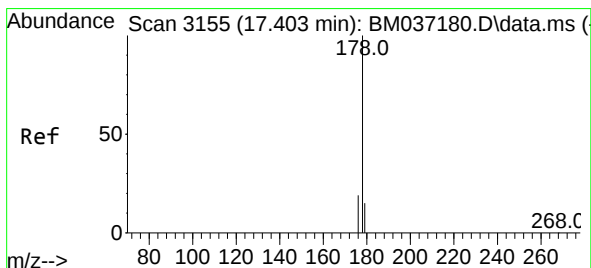
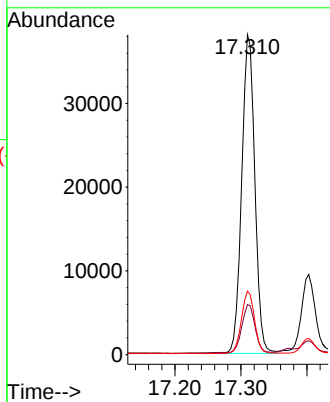
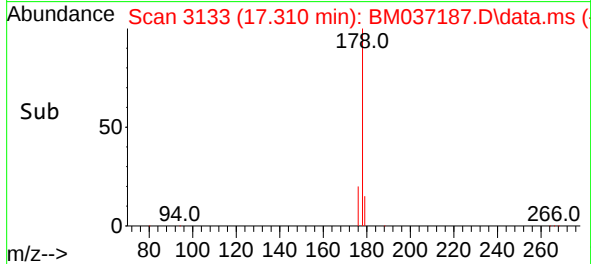
Instrument :
BNA_M
ClientSampleId :
C0BJ3DL



Tgt Ion:178 Resp: 52742
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.9 16.1 24.1

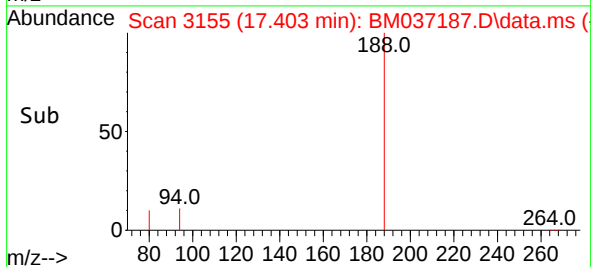
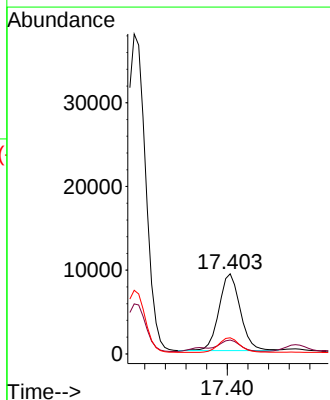
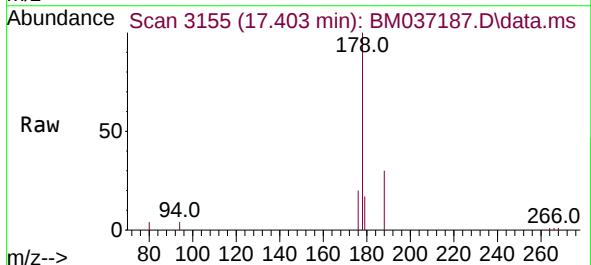
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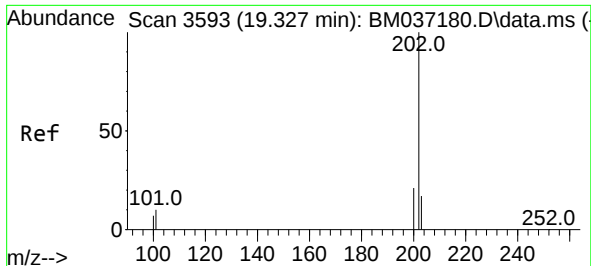
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#16
Anthracene
Concen: 0.229 ng/ul
RT: 17.403 min Scan# 3155
Delta R.T. -0.000 min
Lab File: BM037187.D
Acq: 22 Oct 2022 03:43

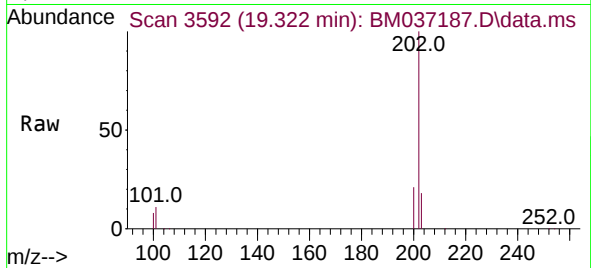
Tgt Ion:178 Resp: 13145
Ion Ratio Lower Upper
178 100
179 17.4 13.1 19.7
176 20.1 15.3 22.9





#19
Fluoranthene
Concen: 1.564 ng/u1
RT: 19.322 min Scan# 3592
Delta R.T. -0.005 min
Lab File: BM037187.D
Acq: 22 Oct 2022 03:43

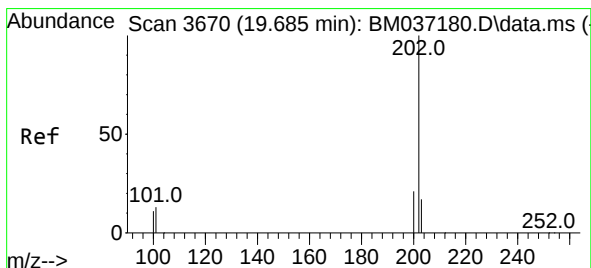
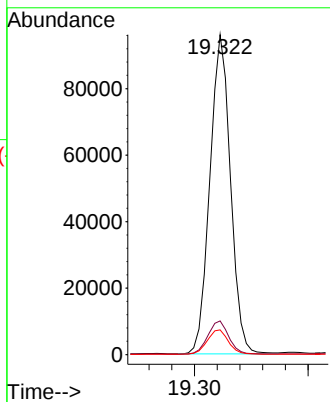
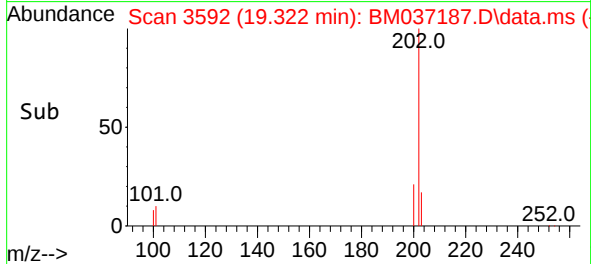
Instrument :
BNA_M
ClientSampleId :
C0BJ3DL



Tgt Ion:202 Resp: 121710
Ion Ratio Lower Upper
202 100
101 10.5 8.9 13.3
100 7.7 6.9 10.3

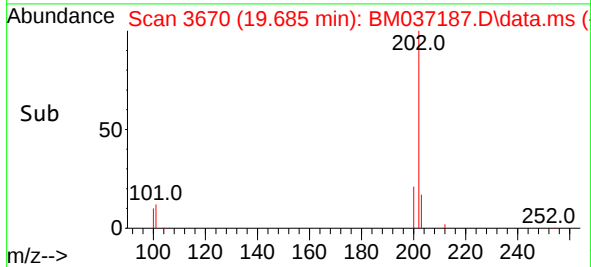
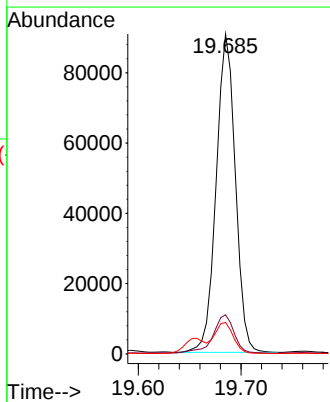
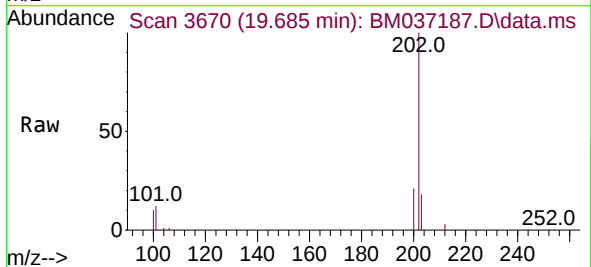
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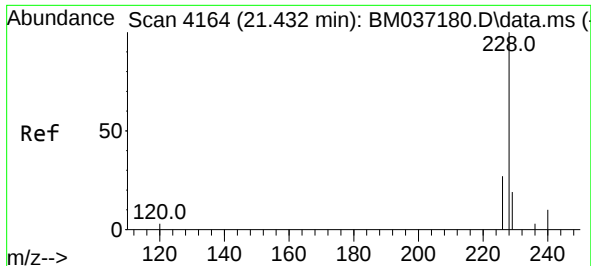
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#20
Pyrene
Concen: 1.490 ng/u1
RT: 19.685 min Scan# 3670
Delta R.T. -0.000 min
Lab File: BM037187.D
Acq: 22 Oct 2022 03:43

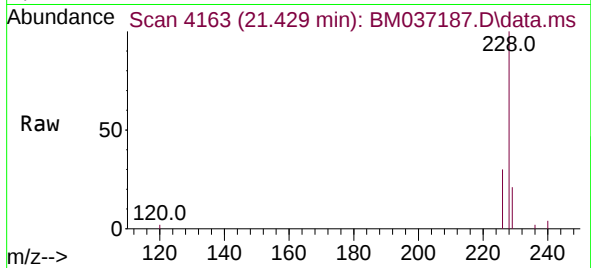
Tgt Ion:202 Resp: 117596
Ion Ratio Lower Upper
202 100
101 12.2 9.7 14.5
100 9.8 7.8 11.8





#21
Benzo(a)anthracene
Concen: 0.932 ng/ul
RT: 21.429 min Scan# 4163
Delta R.T. -0.003 min
Lab File: BM037187.D
Acq: 22 Oct 2022 03:43

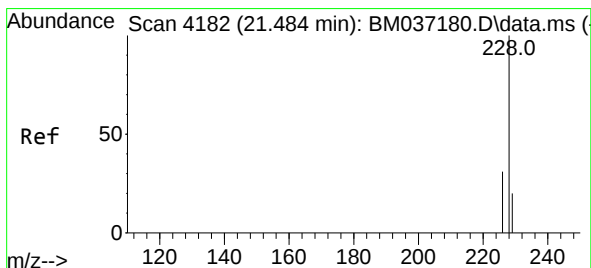
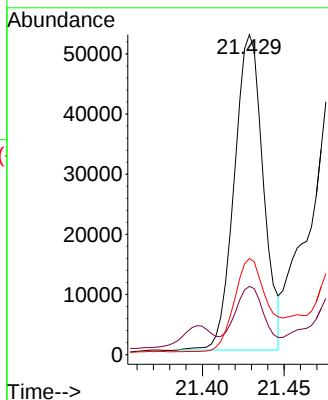
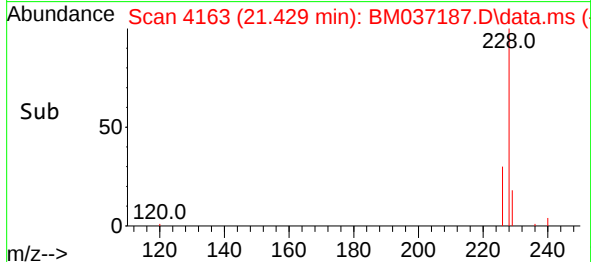
Instrument :
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Tgt Ion:228 Resp: 64775
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.6
226 30.0 21.8 32.8

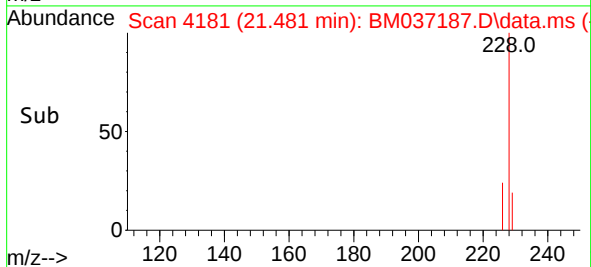
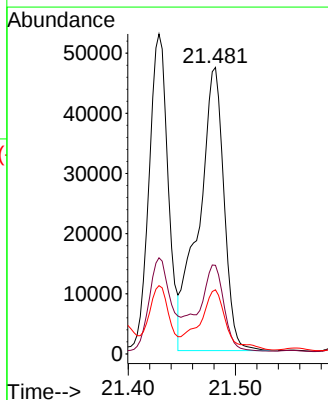
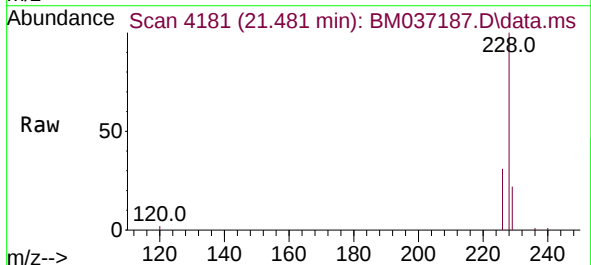
Manual Integrations
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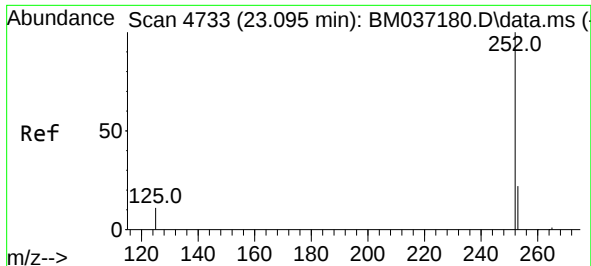
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#22
Chrysene
Concen: 0.960 ng/ul
RT: 21.481 min Scan# 4181
Delta R.T. -0.003 min
Lab File: BM037187.D
Acq: 22 Oct 2022 03:43

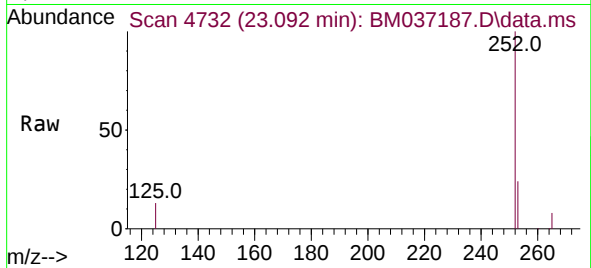
Tgt Ion:228 Resp: 76844
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 22.4 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 1.629 ng/ul
RT: 23.092 min Scan# 4732
Delta R.T. -0.003 min
Lab File: BM037187.D
Acq: 22 Oct 2022 03:43

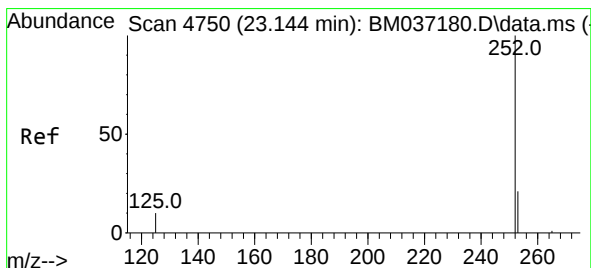
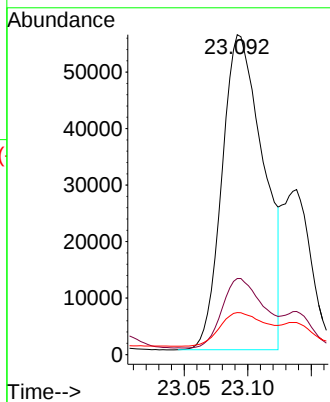
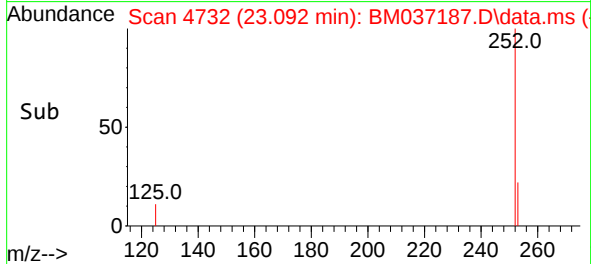
Instrument :
BNA_M
ClientSampleId :
C0BJ3DL



Tgt Ion:252 Resp: 125994
Ion Ratio Lower Upper
252 100
253 23.8 0.0 50.6
125 13.1 0.0 32.6

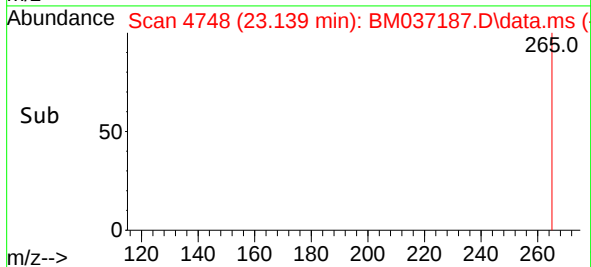
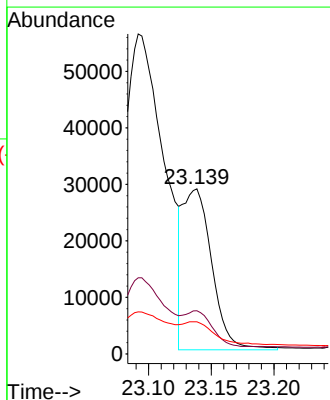
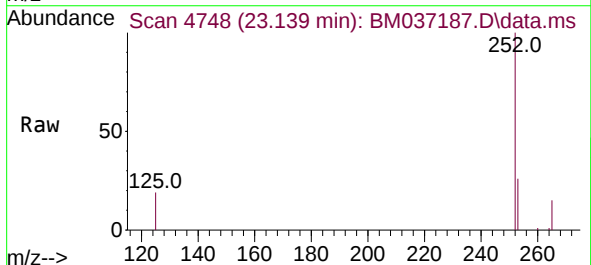
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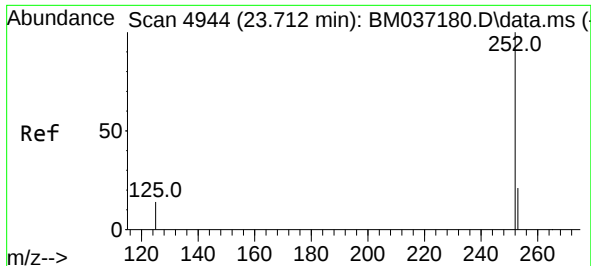
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#25
Benzo(k)fluoranthene
Concen: 0.614 ng/ul m
RT: 23.139 min Scan# 4748
Delta R.T. -0.006 min
Lab File: BM037187.D
Acq: 22 Oct 2022 03:43

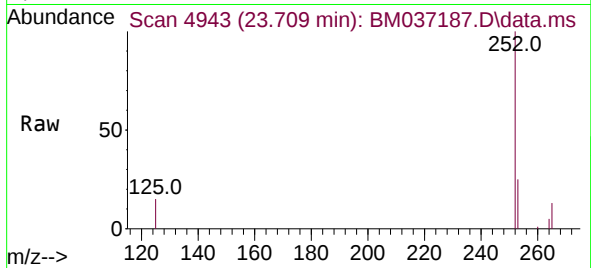
Tgt Ion:252 Resp: 45890
Ion Ratio Lower Upper
252 100
253 26.1 20.6 30.8
125 19.5 13.3 19.9





#26
Benzo(a)pyrene
Concen: 1.082 ng/ul
RT: 23.709 min Scan# 4944
Delta R.T. -0.003 min
Lab File: BM037187.D
Acq: 22 Oct 2022 03:43

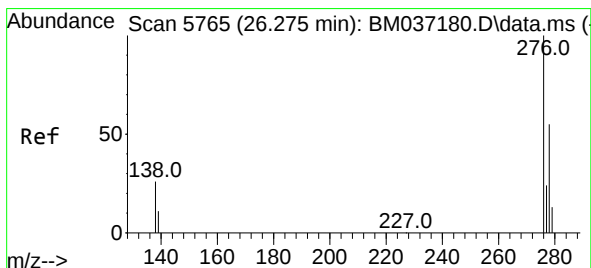
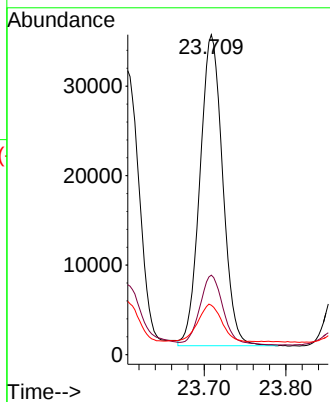
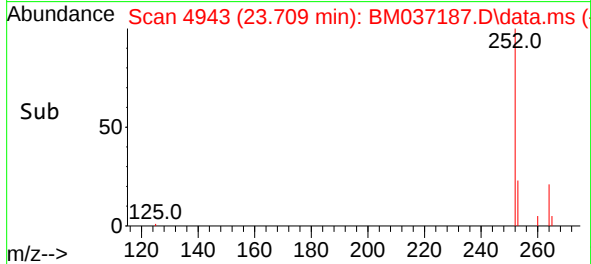
Instrument :
BNA_M
ClientSampleId :
C0BJ3DL



Tgt Ion:252 Resp: 67179
Ion Ratio Lower Upper
252 100
253 24.8 22.1 33.1
125 15.4 17.6 26.4

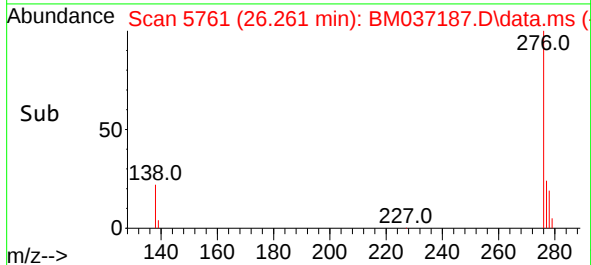
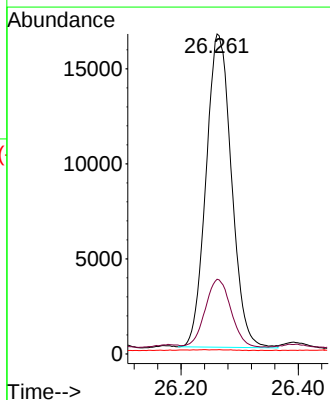
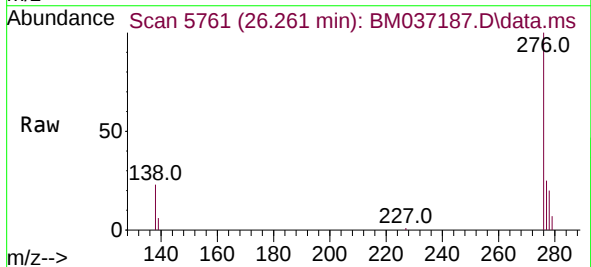
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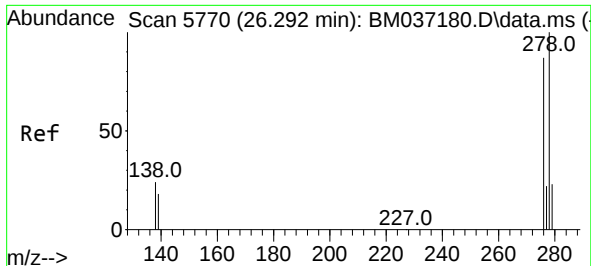
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.572 ng/ul
RT: 26.261 min Scan# 5761
Delta R.T. -0.013 min
Lab File: BM037187.D
Acq: 22 Oct 2022 03:43

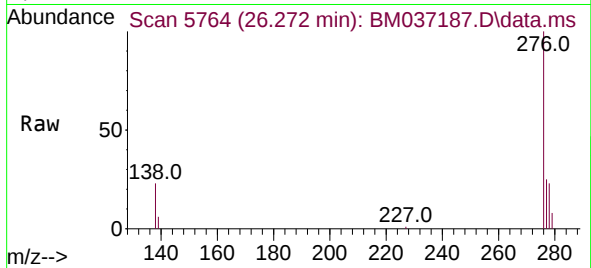
Tgt Ion:276 Resp: 49653
Ion Ratio Lower Upper
276 100
138 22.3 21.4 32.0
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.178 ng/ul
RT: 26.272 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM037187.D
Acq: 22 Oct 2022 03:43

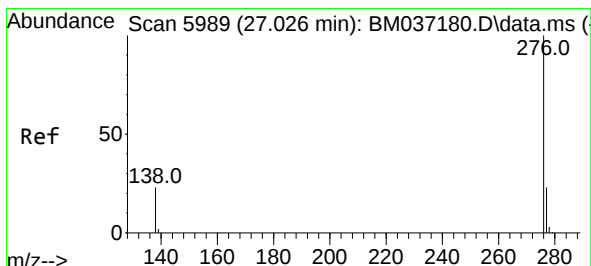
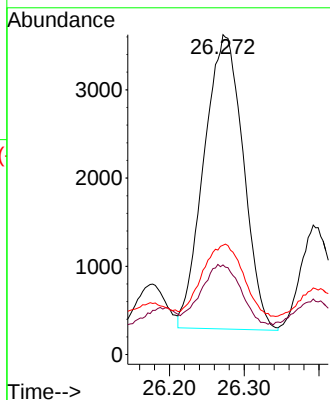
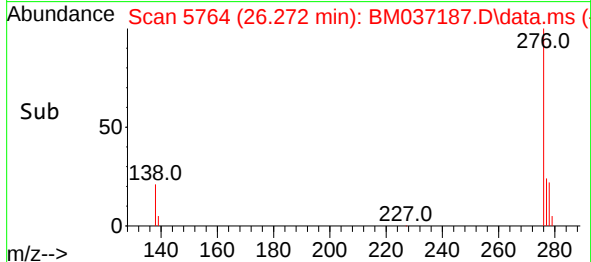
Instrument :
BNA_M
ClientSampleId :
C0BJ3DL



Tgt Ion:278 Resp: 1217
Ion Ratio Lower Upper
278 100
139 28.0 16.3 24.5
279 34.2 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.600 ng/ul
RT: 27.023 min Scan# 5988
Delta R.T. -0.003 min
Lab File: BM037187.D
Acq: 22 Oct 2022 03:43

Tgt Ion:276 Resp: 45763
Ion Ratio Lower Upper
276 100
138 23.2 19.8 29.8
277 24.7 20.1 30.1

