

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040722\
 Data File : BM034545.D
 Acq On : 07 Apr 2022 14:16
 Operator : CG/JU
 Sample : N2182-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0R23

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
 Supervised By :mohammad ahmed 04/11/2022

Quant Time: Apr 08 04:57:57 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 07 12:11:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.912	152	2936	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.719	136	7949	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.550	164	4142	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.291	188	7674	0.400	ng/ul	-0.02
17) Chrysene-d12	21.483	240	6130	0.400	ng/ul	#-0.01
23) Perylene-d12	23.874	264	4794m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.292	96	16788	3.414	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.324	152	2920	0.280	ng/ul	-0.01
18) Fluoranthene-d10	19.320	212	6421	0.357	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.768	128	2545	0.102	ng/ul	97
7) 2-Methylnaphthalene	12.396	142	1365	0.101	ng/ul	99
8) 1-Methylnaphthalene	12.610	142	1047	0.077	ng/ul	98
10) Acenaphthylene	14.273	152	942	0.049	ng/ul#	90
15) Phenanthrene	17.333	178	3273	0.131	ng/ul	99
16) Anthracene	17.426	178	1058	0.056	ng/ul#	79
19) Fluoranthene	19.352	202	7337	0.285	ng/ul	95
20) Pyrene	19.710	202	7123m	0.237	ng/ul	
21) Benzo(a)anthracene	21.466	228	1650m	0.124	ng/ul	
22) Chrysene	21.515	228	4730m	0.300	ng/ul	
24) Benzo(b)fluoranthene	23.146	252	5835m	0.372	ng/ul	
25) Benzo(k)fluoranthene	23.179	252	1874m	0.134	ng/ul	
26) Benzo(a)pyrene	23.760	252	3318	0.181	ng/ul#	58
27) Indeno(1,2,3-cd)pyrene	26.388	276	2566	0.116	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.404	278	340	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	27.156	276	2035m	0.085	ng/ul	

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

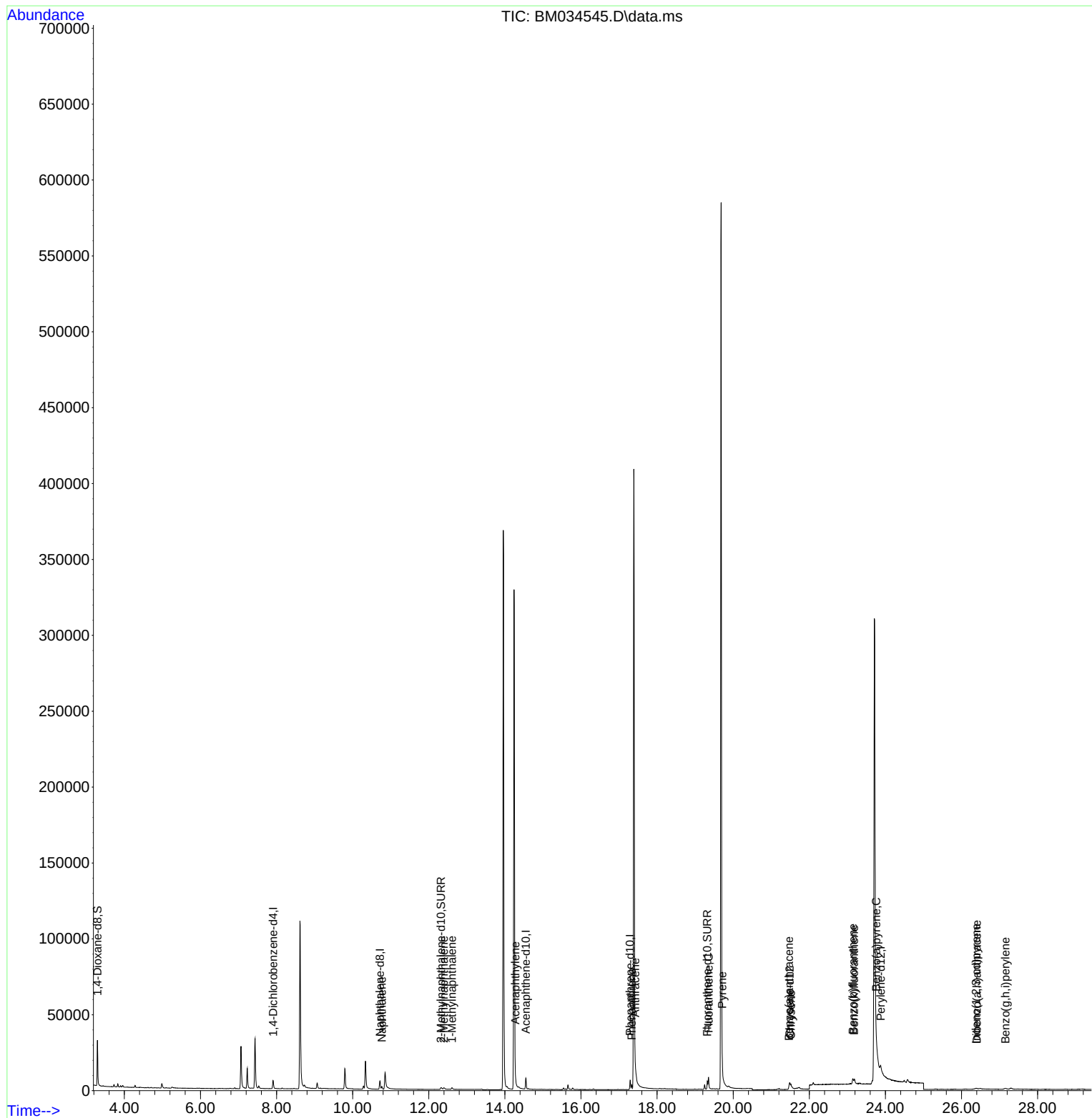
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040722\
Data File : BM034545.D
Acq On : 07 Apr 2022 14:16
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Sample : N2182-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

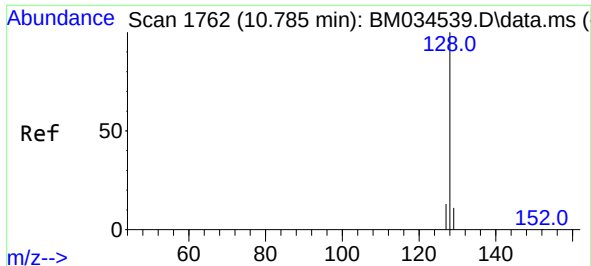
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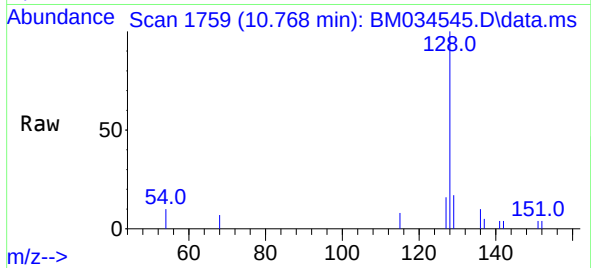
Quant Time: Apr 08 04:57:57 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 07 12:11:55 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.768 min Scan# 1762
Delta R.T. -0.016 min
Lab File: BM034545.D
Acq: 07 Apr 2022 14:16

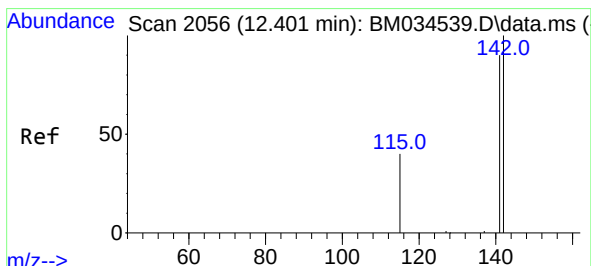
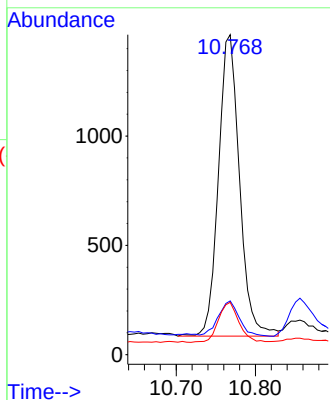
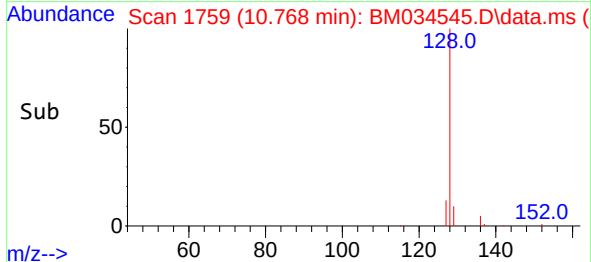
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ClientSampleId :
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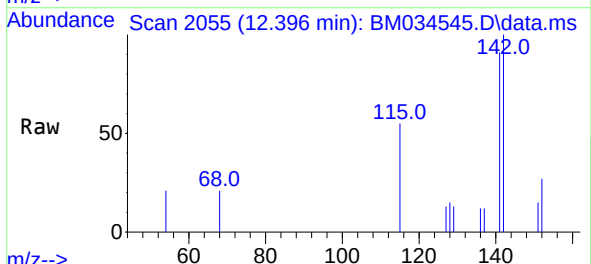
Tgt Ion:128 Resp: 2549
Ion Ratio Lower Upper
128 100
129 16.8 13.4 20.2
127 16.3 15.2 22.8

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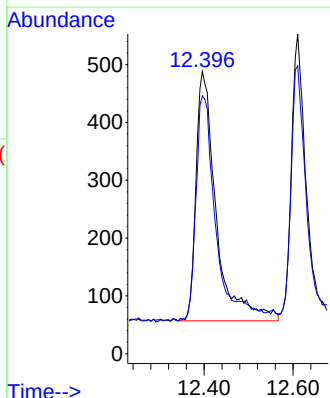
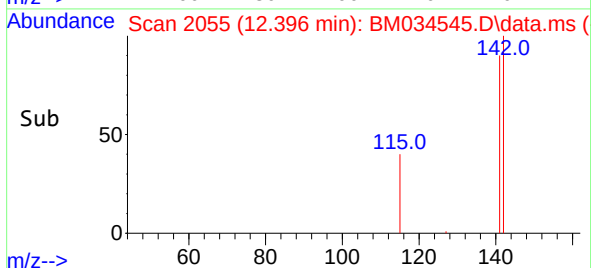
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

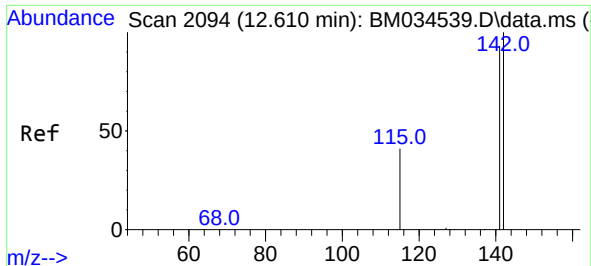


#7
2-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.396 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM034545.D
Acq: 07 Apr 2022 14:16



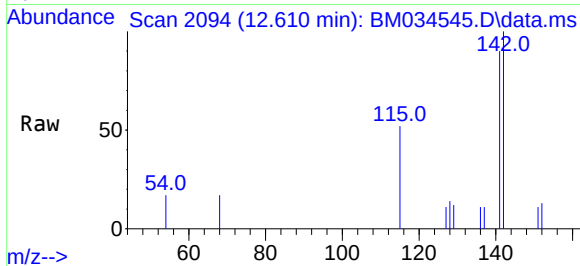
Tgt Ion:142 Resp: 1365
Ion Ratio Lower Upper
142 100
141 88.4 71.8 107.6





#8
1-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.610 min Scan# 2094
Delta R.T. -0.005 min
Lab File: BM034545.D
Acq: 07 Apr 2022 14:16

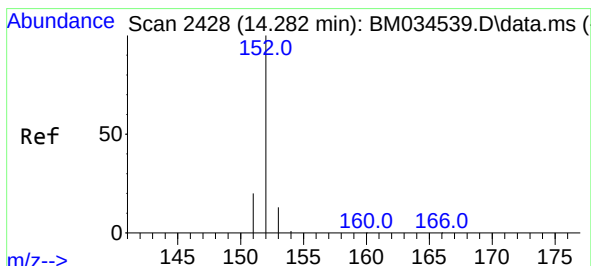
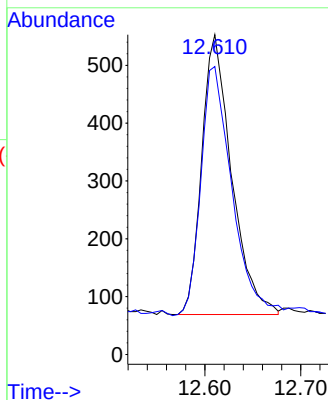
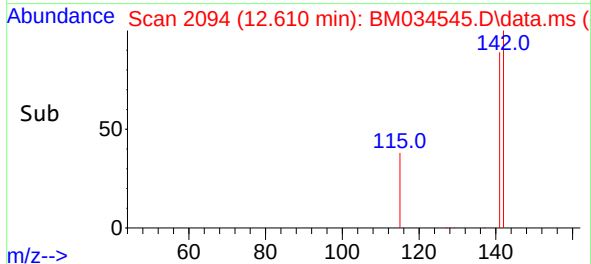
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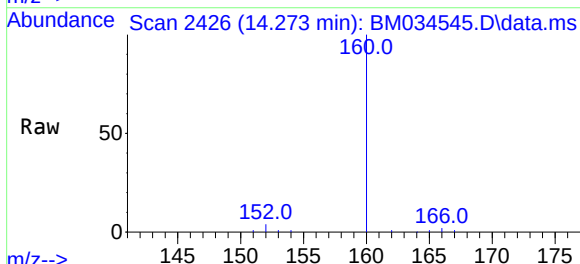
Tgt Ion:142 Resp: 104
Ion Ratio Lower Upper
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141 92.1 75.0 112.4

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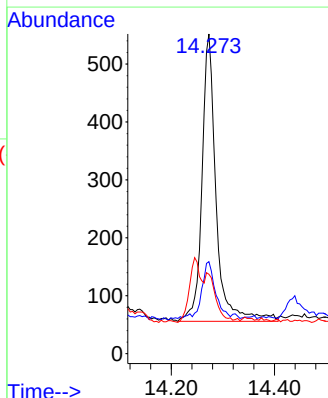
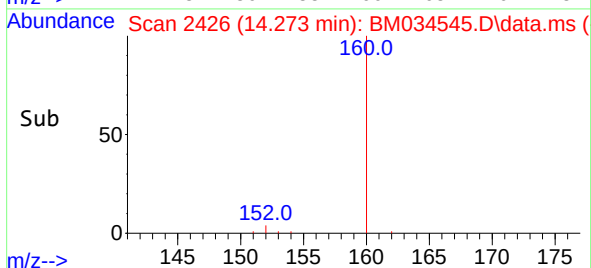
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

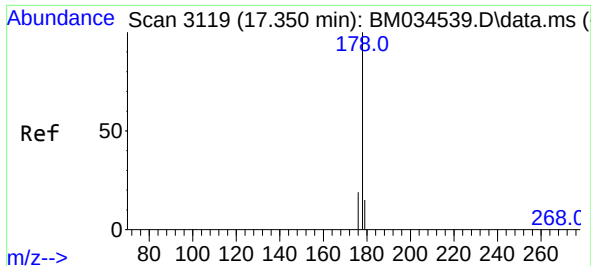


#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 14.273 min Scan# 2426
Delta R.T. -0.014 min
Lab File: BM034545.D
Acq: 07 Apr 2022 14:16



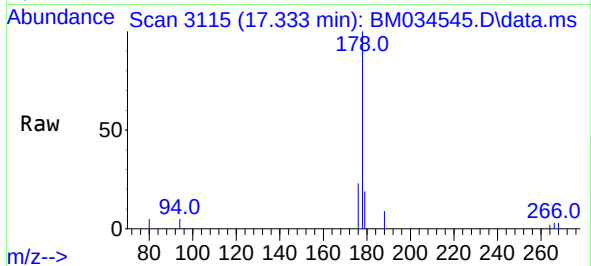
Tgt Ion:152 Resp: 942
Ion Ratio Lower Upper
152 100
151 28.8 19.9 29.9
153 24.8 15.0 22.4#





#15
Phenanthrene
Concen: 0.131 ng/u1
RT: 17.333 min Scan# 3115
Delta R.T. -0.021 min
Lab File: BM034545.D
Acq: 07 Apr 2022 14:16

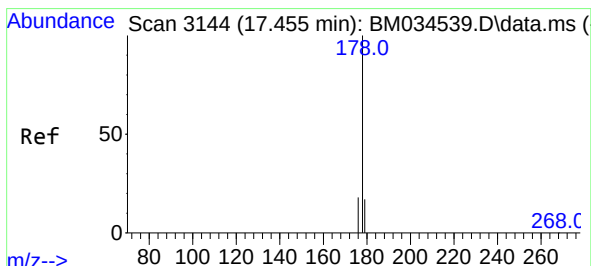
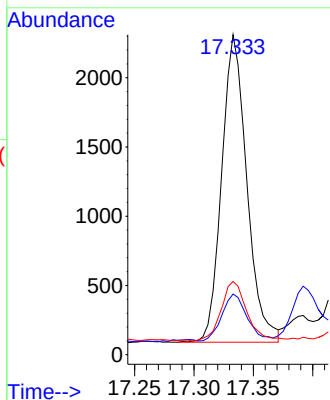
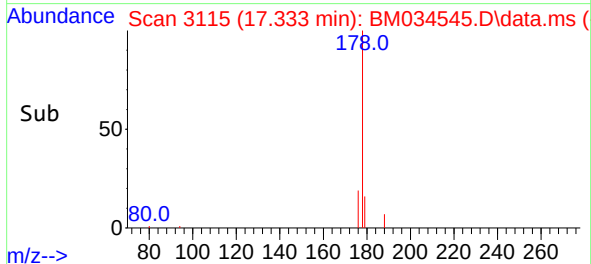
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:178 Resp: 327
Ion Ratio Lower Upper
178 100
179 19.0 15.0 22.6
176 22.8 17.9 26.9

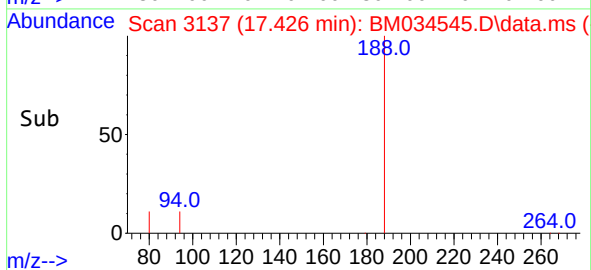
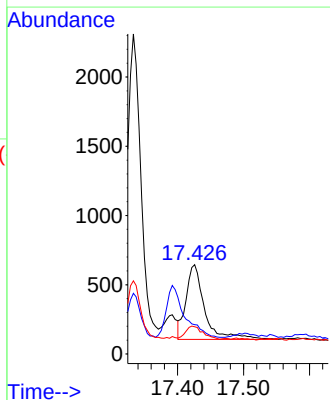
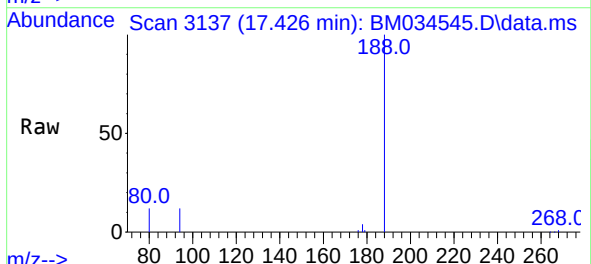
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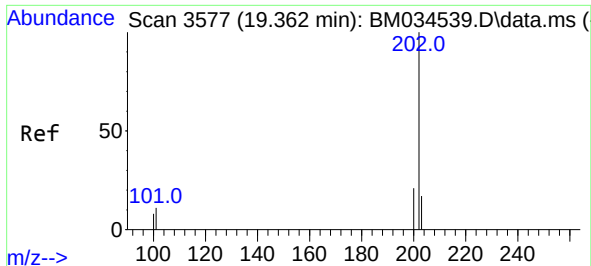
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#16
Anthracene
Concen: 0.056 ng/u1
RT: 17.426 min Scan# 3137
Delta R.T. -0.025 min
Lab File: BM034545.D
Acq: 07 Apr 2022 14:16

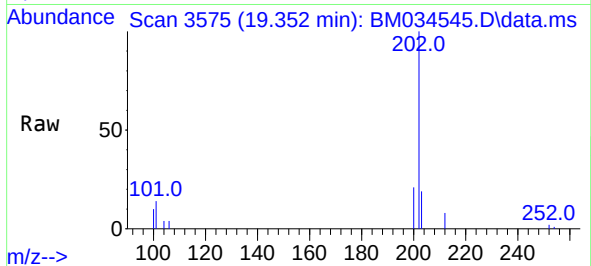
Tgt Ion:178 Resp: 1058
Ion Ratio Lower Upper
178 100
179 32.9 16.5 24.7#
176 30.5 18.3 27.5#





#19
Fluoranthene
Concen: 0.285 ng/u1
RT: 19.352 min Scan# 3575
Delta R.T. -0.014 min
Lab File: BM034545.D
Acq: 07 Apr 2022 14:16

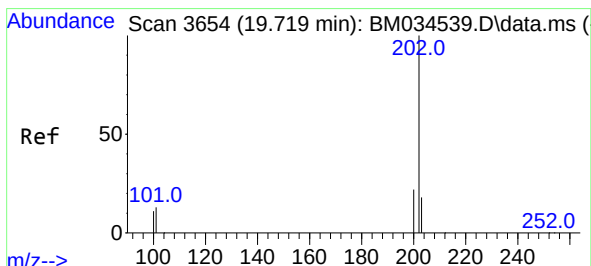
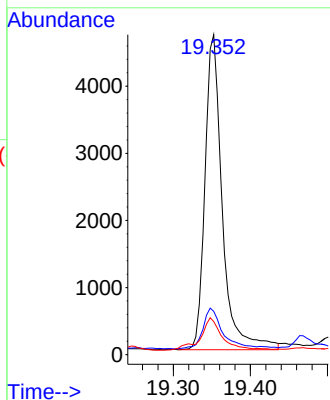
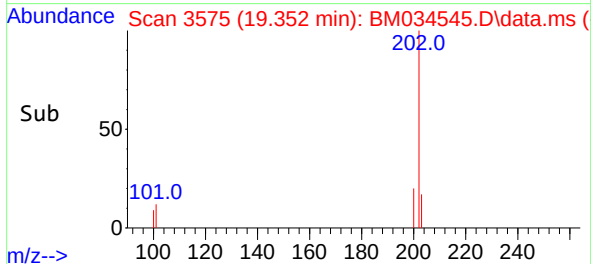
Instrument :
BNA_M
ClientSampleId :
C0R23



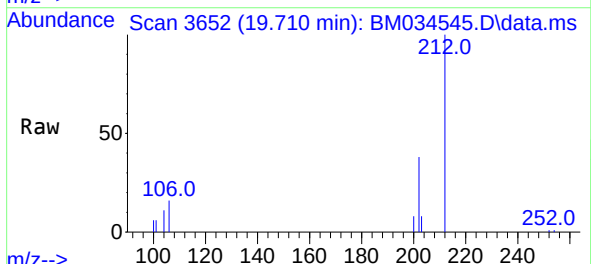
Tgt Ion:202 Resp: 733
Ion Ratio Lower Upper
202 100
101 13.6 9.2 13.8
100 10.3 7.2 10.8

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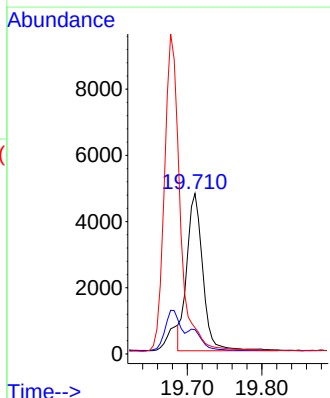
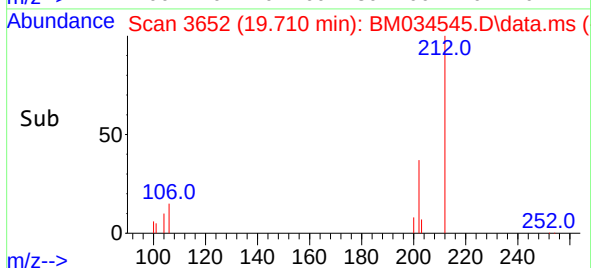
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Supervised By :mohammad ahmed 04/11/2022

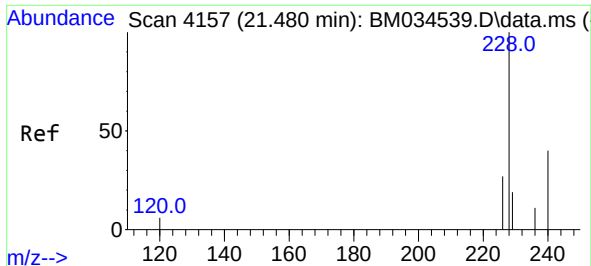


#20
Pyrene
Concen: 0.237 ng/u1 m
RT: 19.710 min Scan# 3652
Delta R.T. -0.014 min
Lab File: BM034545.D
Acq: 07 Apr 2022 14:16



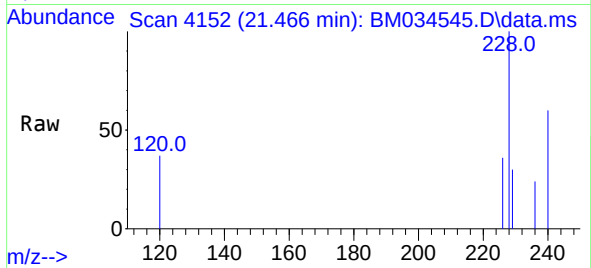
Tgt Ion:202 Resp: 7123
Ion Ratio Lower Upper
202 100
101 15.2 9.3 13.9#
100 16.4 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.124 ng/ul m
RT: 21.466 min Scan# 4157
Delta R.T. -0.014 min
Lab File: BM034545.D
Acq: 07 Apr 2022 14:16

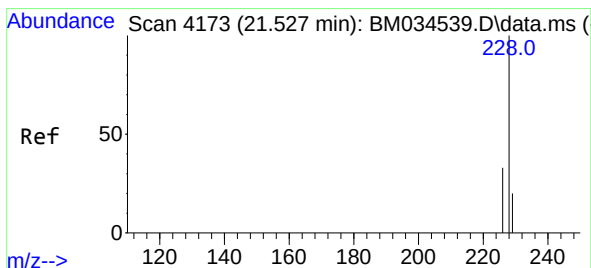
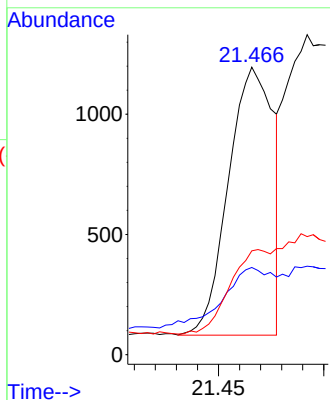
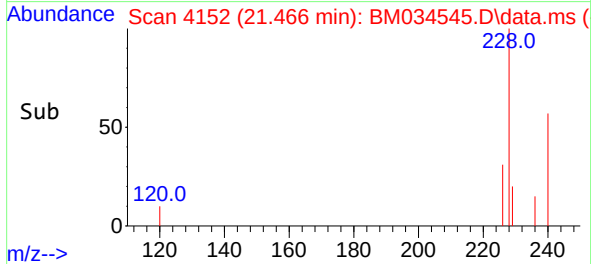
Instrument :
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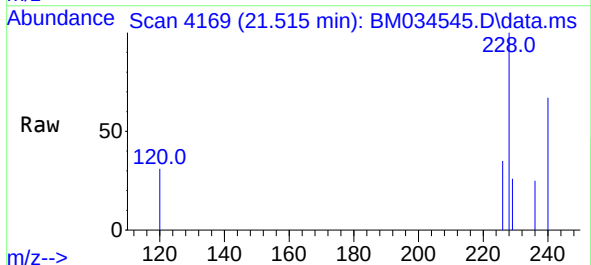
Tgt Ion:228 Resp: 1650
Ion Ratio Lower Upper
228 100
229 30.4 17.3 25.9
226 36.1 23.2 34.8

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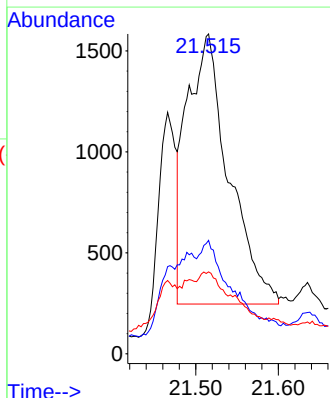
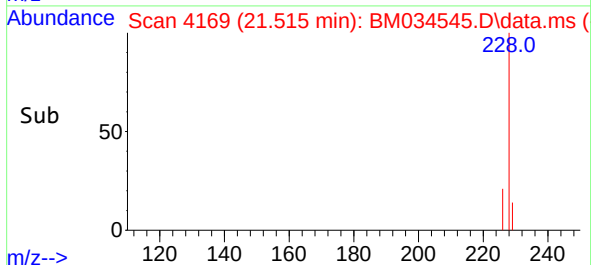
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Supervised By :mohammad ahmed 04/11/2022

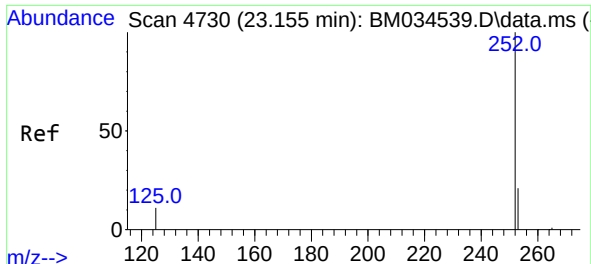


#22
Chrysene
Concen: 0.300 ng/ul m
RT: 21.515 min Scan# 4169
Delta R.T. -0.012 min
Lab File: BM034545.D
Acq: 07 Apr 2022 14:16



Tgt Ion:228 Resp: 4730
Ion Ratio Lower Upper
228 100
226 35.5 25.8 38.8
229 25.6 16.7 25.1





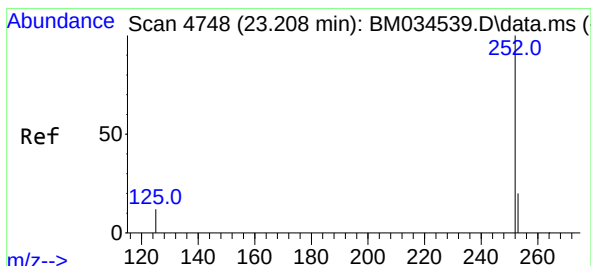
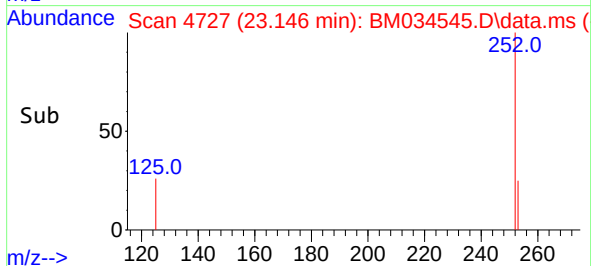
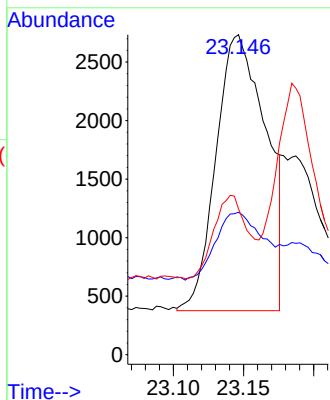
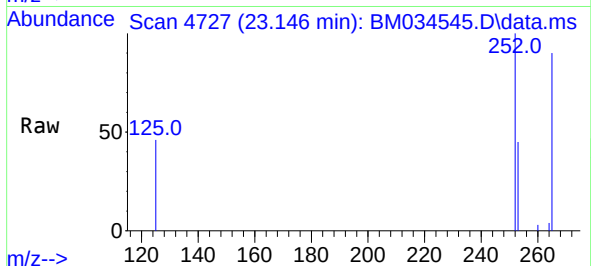
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Benzo(b)fluoranthene
Concen: 0.372 ng/ul m
RT: 23.146 min Scan# 4727
Delta R.T. -0.015 min
Lab File: BM034545.D
Acq: 07 Apr 2022 14:16

Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 583
Ion Ratio Lower Upper
252 100
253 44.5 0.0 64.2
125 45.5 0.0 28.8

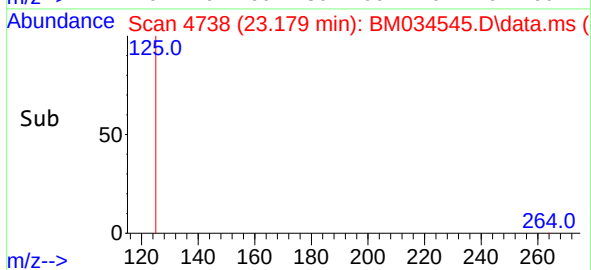
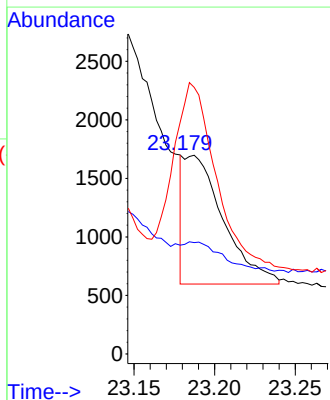
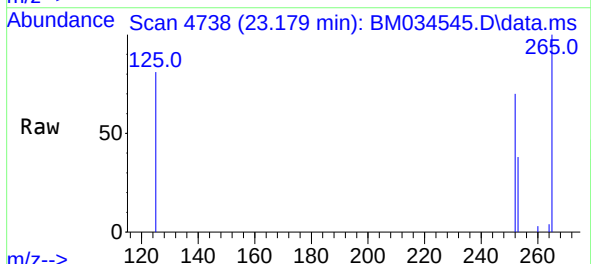
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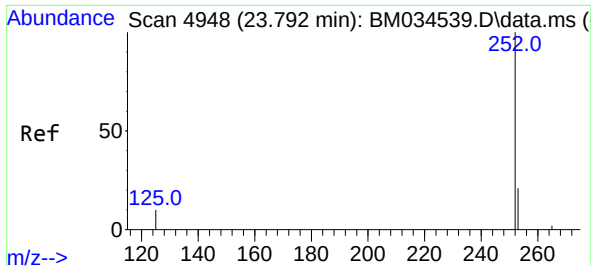
Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#25
Benzo(k)fluoranthene
Concen: 0.134 ng/ul m
RT: 23.179 min Scan# 4738
Delta R.T. -0.032 min
Lab File: BM034545.D
Acq: 07 Apr 2022 14:16

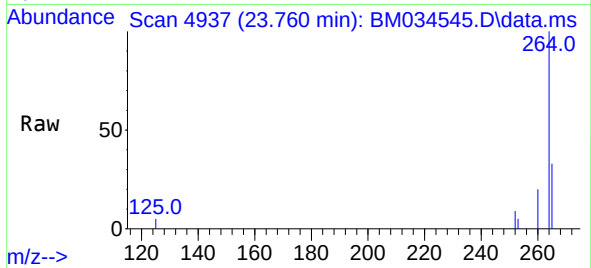
Tgt Ion:252 Resp: 1874
Ion Ratio Lower Upper
252 100
253 54.6 26.8 40.2#
125 116.4 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.181 ng/ul
RT: 23.760 min Scan# 4937
Delta R.T. -0.035 min
Lab File: BM034545.D
Acq: 07 Apr 2022 14:16

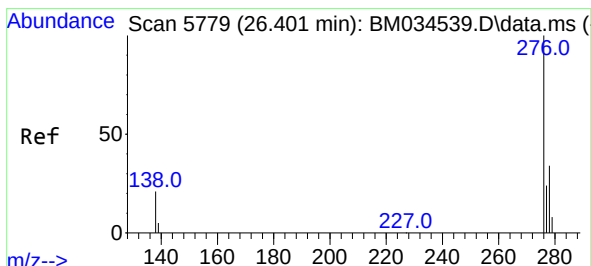
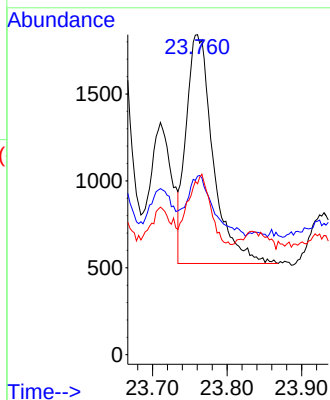
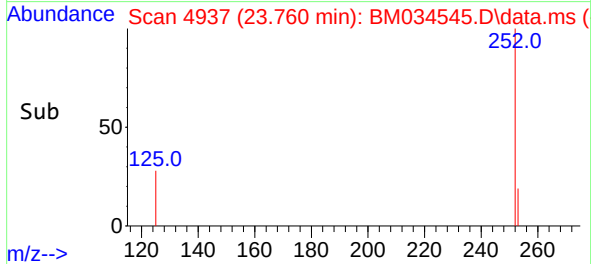
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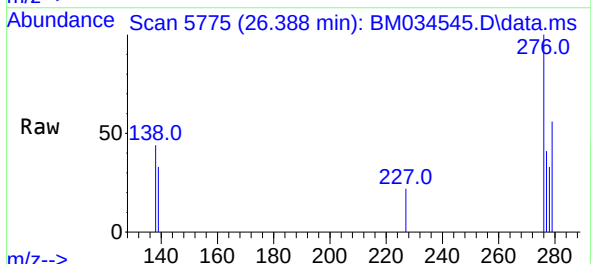
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Ion Ratio Lower Upper
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253 55.8 32.0 48.0
125 53.4 14.5 21.7

Manual Integrations
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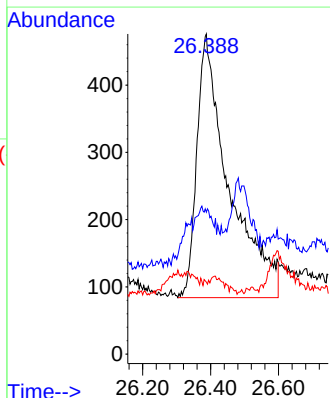
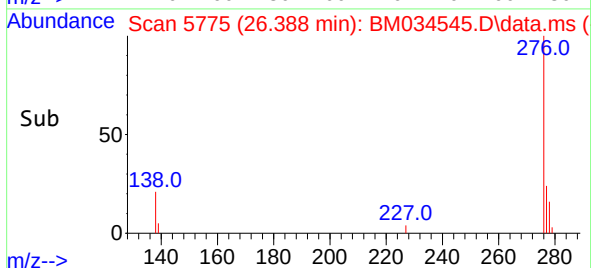
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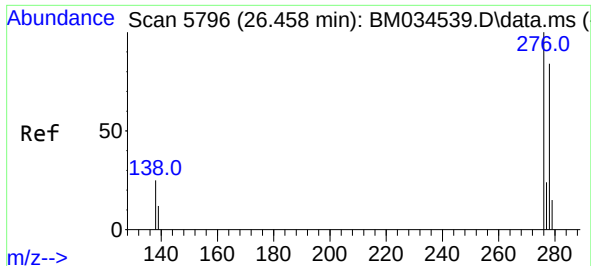


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.116 ng/ul
RT: 26.388 min Scan# 5775
Delta R.T. -0.023 min
Lab File: BM034545.D
Acq: 07 Apr 2022 14:16



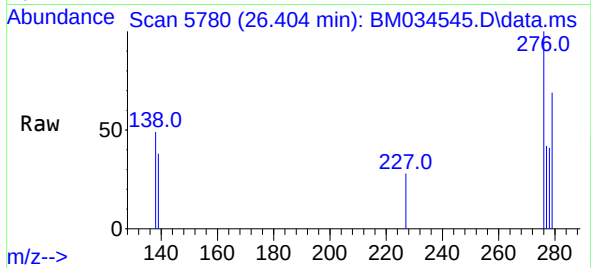
Tgt Ion:276 Resp: 2566
Ion Ratio Lower Upper
276 100
138 11.8 15.8 23.6
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 26.404 min Scan# 51
Delta R.T. -0.057 min
Lab File: BM034545.D
Acq: 07 Apr 2022 14:16

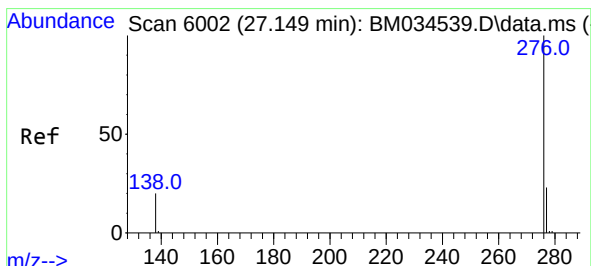
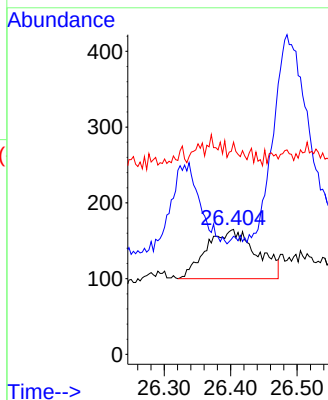
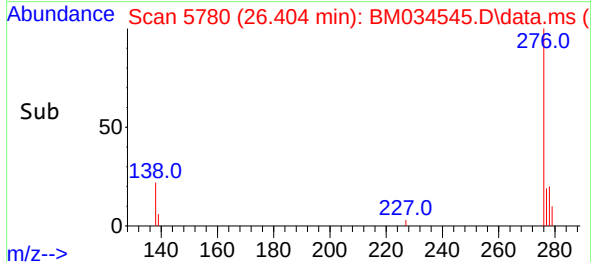
Instrument :
BNA_M
ClientSampleId :
C0R23



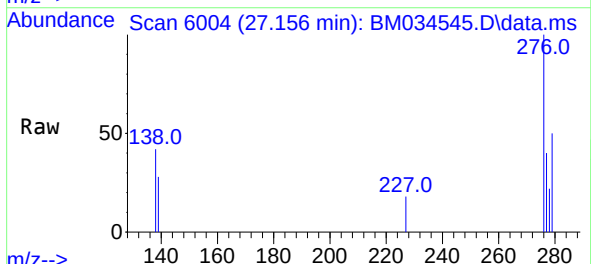
Tgt Ion:278 Resp: 340
Ion Ratio Lower Upper
278 100
139 94.5 18.0 27.0#
279 169.7 28.6 42.8#

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :mohammad ahmed 04/11/2022



#29
Benzo(g,h,i)perylene
Concen: 0.085 ng/ul m
RT: 27.156 min Scan# 6004
Delta R.T. -0.013 min
Lab File: BM034545.D
Acq: 07 Apr 2022 14:16



Tgt Ion:276 Resp: 2035
Ion Ratio Lower Upper
276 100
138 42.5 17.4 26.0#
277 39.9 22.6 33.8#

