

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036924.D
 Acq On : 11 Oct 2022 01:31
 Operator : CG/JU
 Sample : N4991-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BP3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2022
 Supervised By :mohammad ahmed 10/12/2022

Quant Time: Oct 11 02:19:30 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 00:54:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	7994	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	27664	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.580	164	15088	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	29339	0.400	ng/ul	0.00
17) Chrysene-d12	21.485	240	18048	0.400	ng/ul	0.00
23) Perylene-d12	23.882	264	16236	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	35894	3.184	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	10329	0.247	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	19667	0.364	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	35988	0.455	ng/ul	97
7) 2-Methylnaphthalene	12.415	142	27335	0.565	ng/ul	92
8) 1-Methylnaphthalene	12.629	142	22205	0.452	ng/ul	99
10) Acenaphthylene	14.302	152	5623	0.090	ng/ul#	81
11) Acenaphthene	14.640	153	1742	0.032	ng/ul	94
12) Fluorene	15.625	166	2983	0.048	ng/ul#	86
15) Phenanthrene	17.360	178	65688	0.701	ng/ul	100
16) Anthracene	17.448	178	8446	0.108	ng/ul#	90
19) Fluoranthene	19.368	202	79241	1.104	ng/ul	98
20) Pyrene	19.731	202	67188m	0.898	ng/ul	
21) Benzo(a)anthracene	21.468	228	29914	0.459	ng/ul	96
22) Chrysene	21.520	228	35266	0.504	ng/ul	96
24) Benzo(b)fluoranthene	23.151	252	45686	0.630	ng/ul	82
25) Benzo(k)fluoranthene	23.195	252	15702m	0.222	ng/ul	
26) Benzo(a)pyrene	23.774	252	28150	0.478	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.363	276	23717	0.285	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.370	278	5800	0.086	ng/ul#	33
29) Benzo(g,h,i)perylene	27.134	276	23731	0.323	ng/ul	95

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

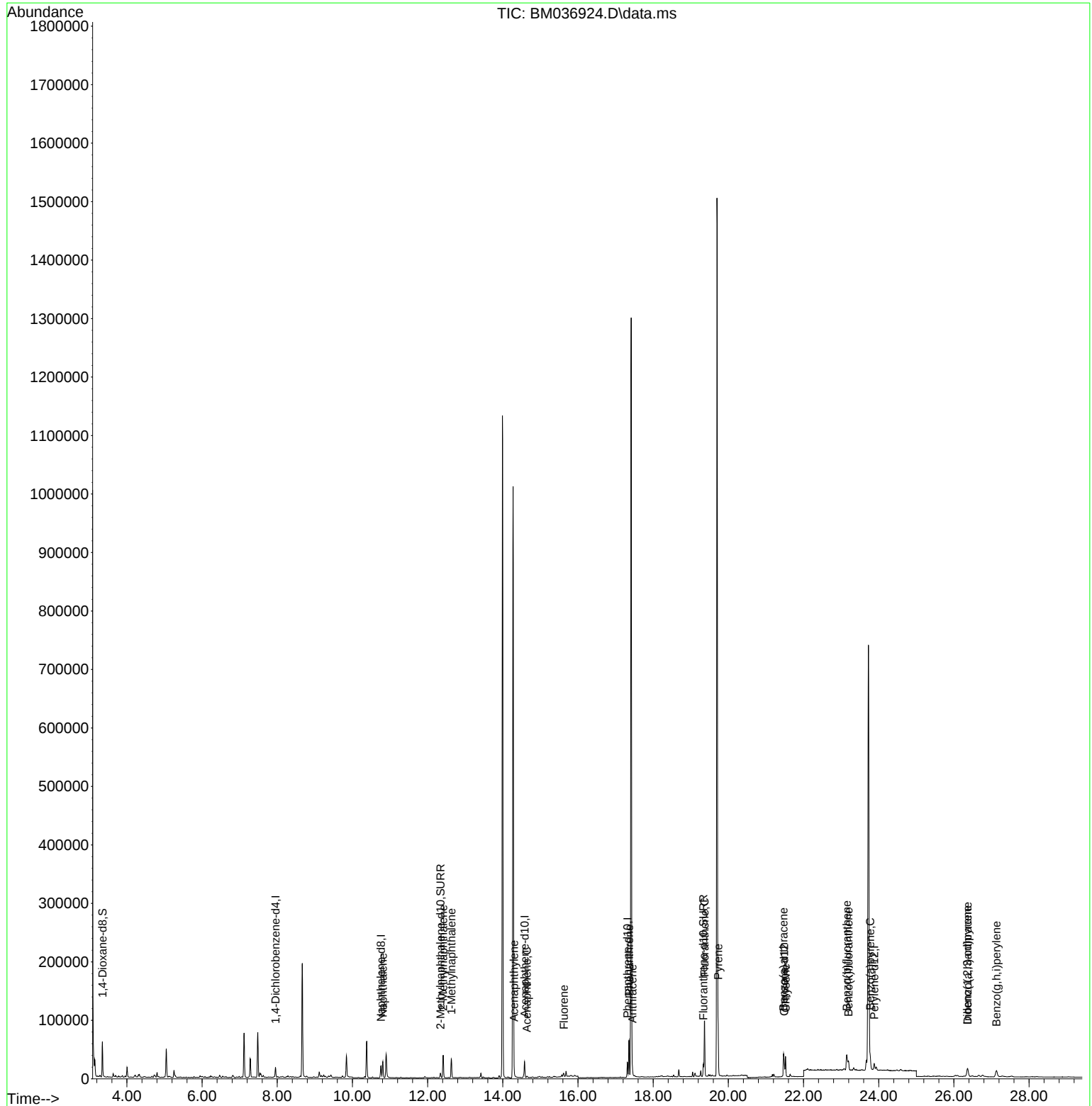
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036924.D
Acq On : 11 Oct 2022 01:31
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ALS Vial : 26 Sample Multiplier: 1

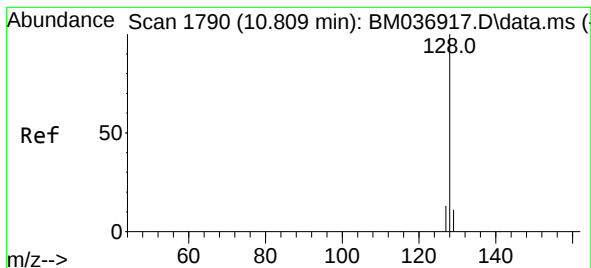
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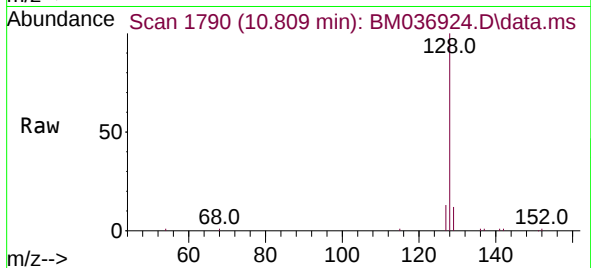
Quant Time: Oct 11 02:19:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 10 00:54:15 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.455 ng/ul
RT: 10.809 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BM036924.D
Acq: 11 Oct 2022 01:31

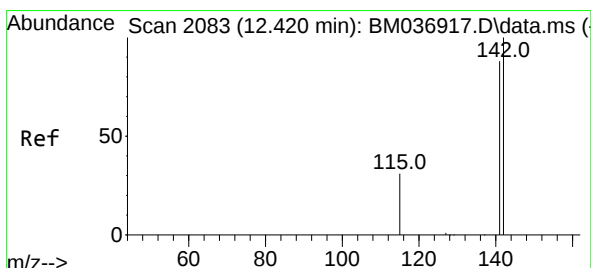
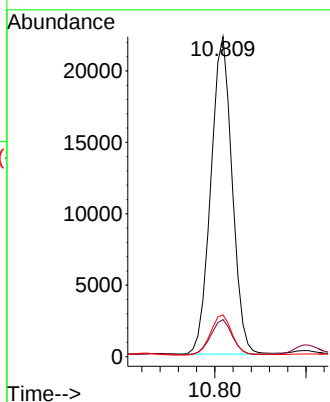
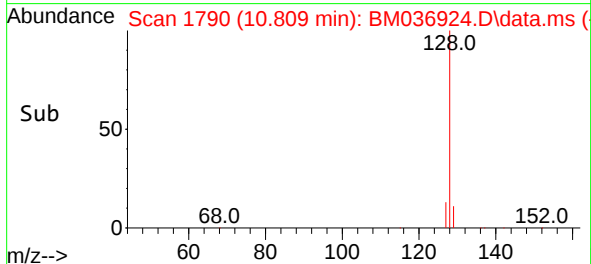
Instrument :
BNA_M
ClientSampleId :
C0BP3



Tgt Ion:128 Resp: 35988
Ion Ratio Lower Upper
128 100
129 11.6 10.2 15.2
127 13.0 11.7 17.5

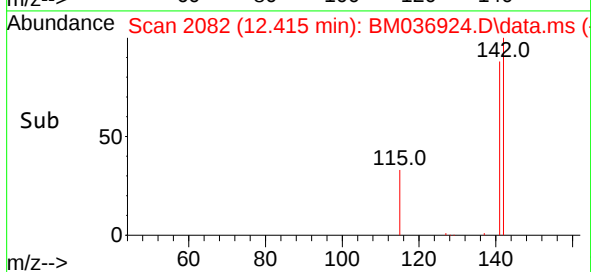
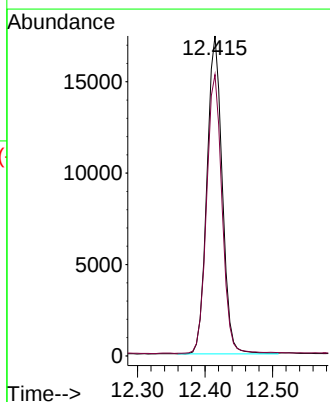
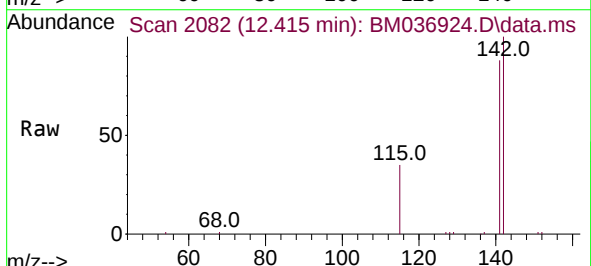
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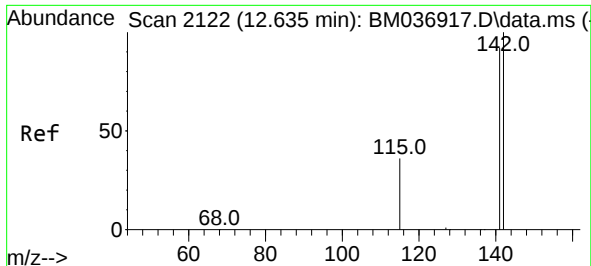
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#7
2-Methylnaphthalene
Concen: 0.565 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM036924.D
Acq: 11 Oct 2022 01:31

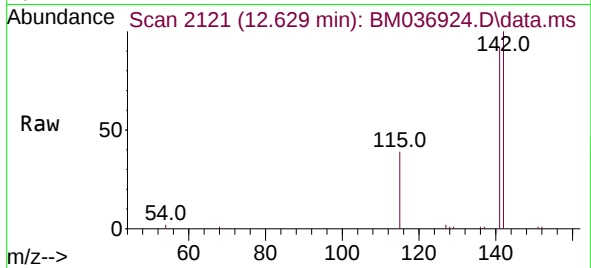
Tgt Ion:142 Resp: 27335
Ion Ratio Lower Upper
142 100
141 89.0 77.4 116.0





#8
1-Methylnaphthalene
Concen: 0.452 ng/ul
RT: 12.629 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BM036924.D
Acq: 11 Oct 2022 01:31

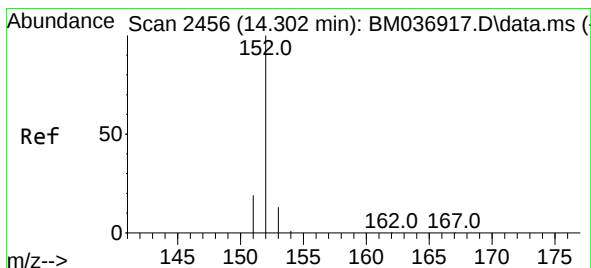
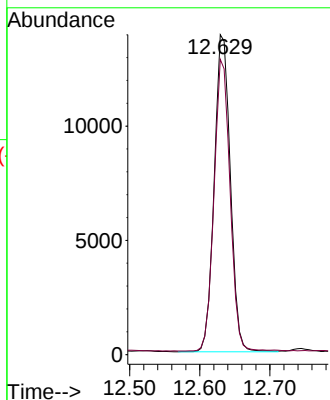
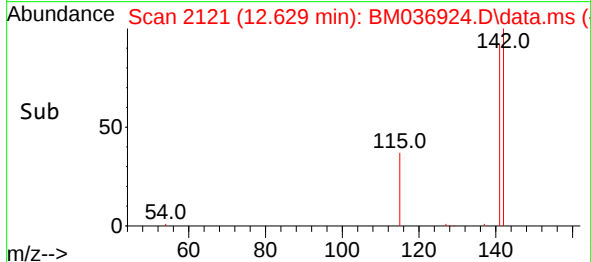
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 22205
Ion Ratio Lower Upper
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141 91.3 74.1 111.1

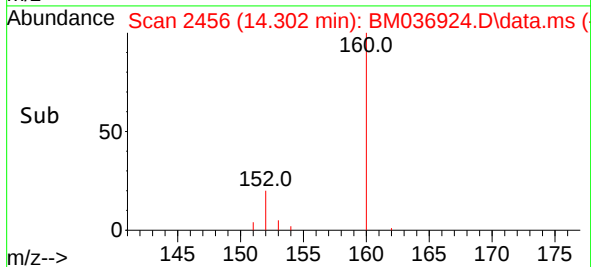
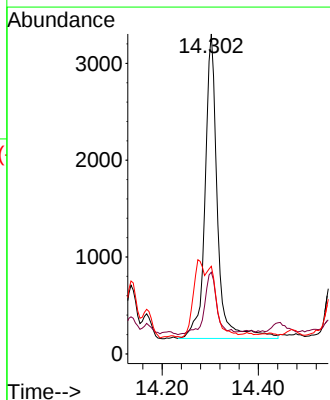
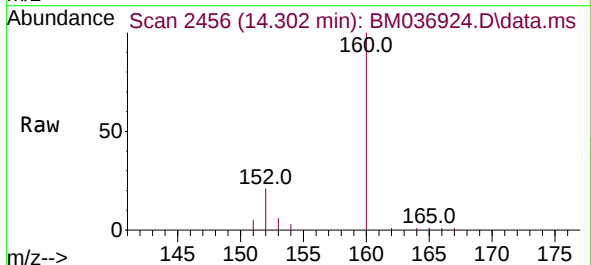
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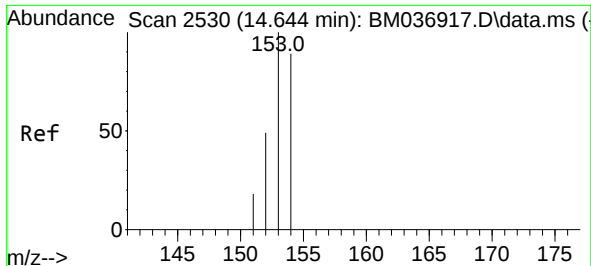
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#10
Acenaphthylene
Concen: 0.090 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. -0.006 min
Lab File: BM036924.D
Acq: 11 Oct 2022 01:31

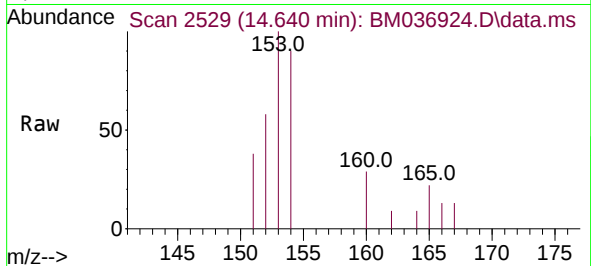
Tgt Ion:152 Resp: 5623
Ion Ratio Lower Upper
152 100
151 25.5 16.6 24.8#
153 27.4 11.4 17.0#





#11
Acenaphthene
Concen: 0.032 ng/ul
RT: 14.640 min Scan# 2530
Delta R.T. -0.006 min
Lab File: BM036924.D
Acq: 11 Oct 2022 01:31

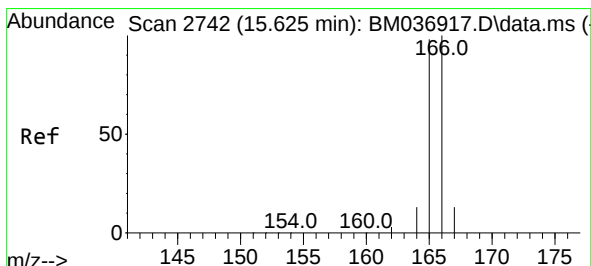
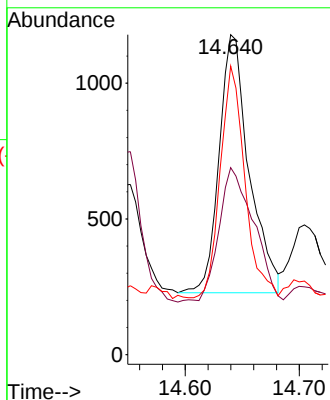
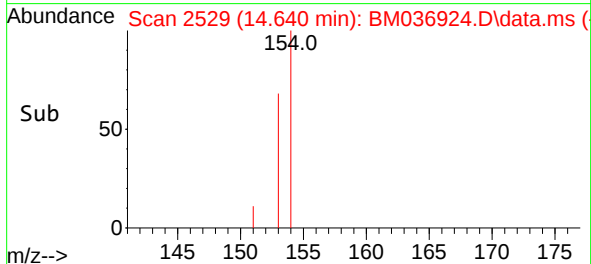
Instrument :
BNA_M
ClientSampleId :
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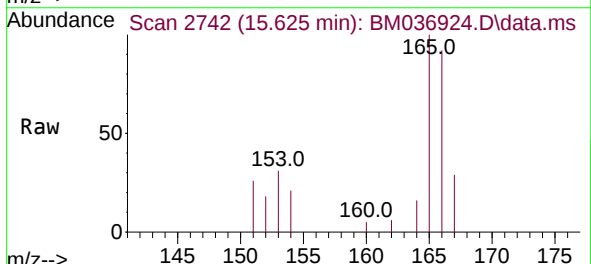
Tgt Ion:153 Resp: 1742
Ion Ratio Lower Upper
153 100
152 58.4 40.2 60.4
154 90.2 69.7 104.5

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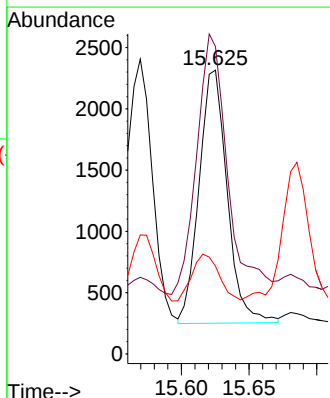
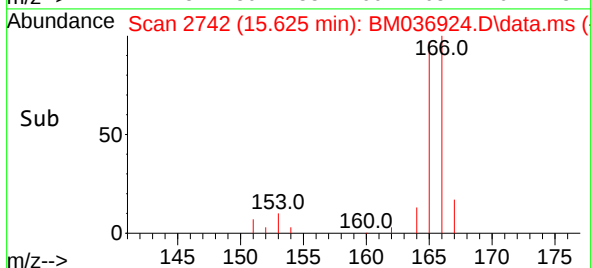
Reviewed By :Jagrut Upadhyay 10/11/2022
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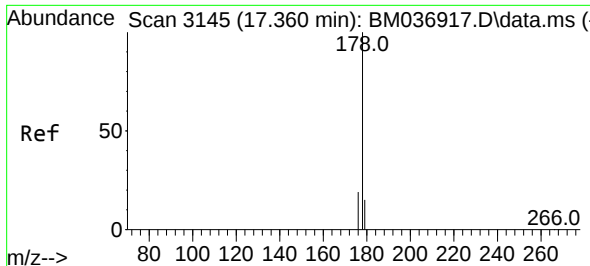


#12
Fluorene
Concen: 0.048 ng/ul
RT: 15.625 min Scan# 2742
Delta R.T. -0.006 min
Lab File: BM036924.D
Acq: 11 Oct 2022 01:31



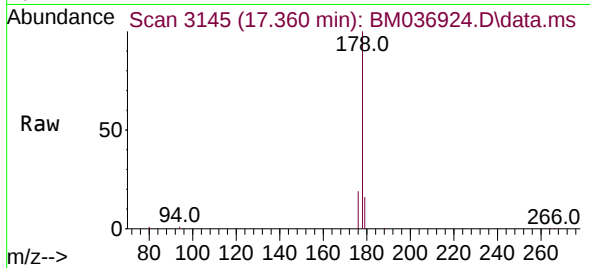
Tgt Ion:166 Resp: 2983
Ion Ratio Lower Upper
166 100
165 108.3 78.9 118.3
167 30.9 11.3 16.9#





#15
Phenanthrene
Concen: 0.701 ng/ul
RT: 17.360 min Scan# 3145
Delta R.T. -0.005 min
Lab File: BM036924.D
Acq: 11 Oct 2022 01:31

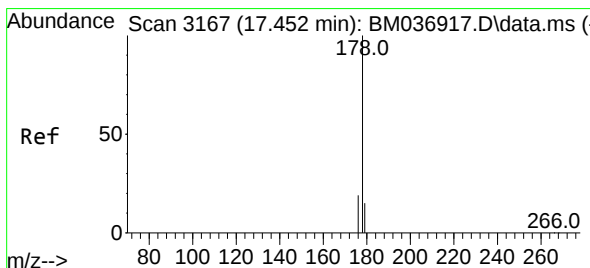
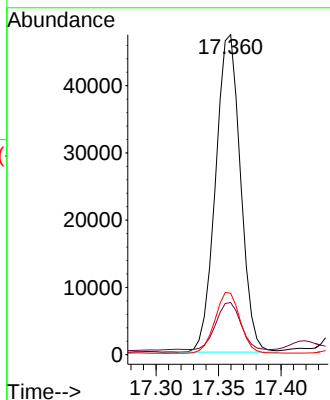
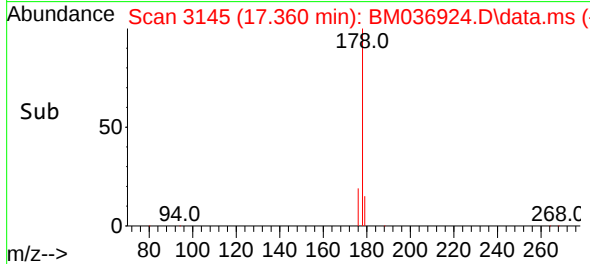
Instrument :
BNA_M
ClientSampleId :
C0BP3



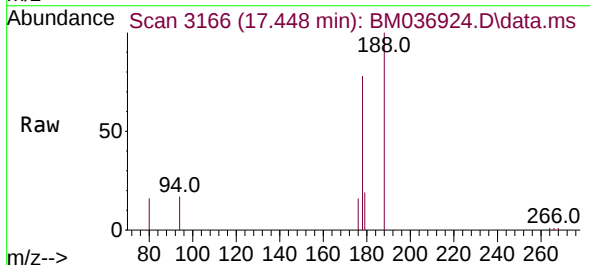
Tgt Ion:178 Resp: 65688
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 19.2 15.6 23.4

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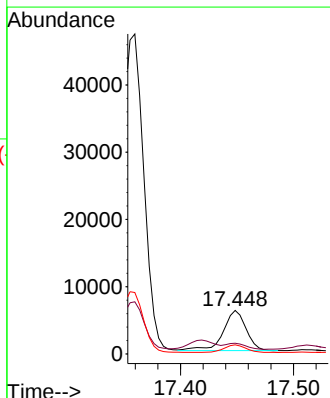
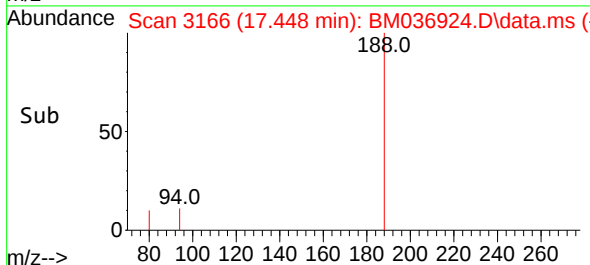
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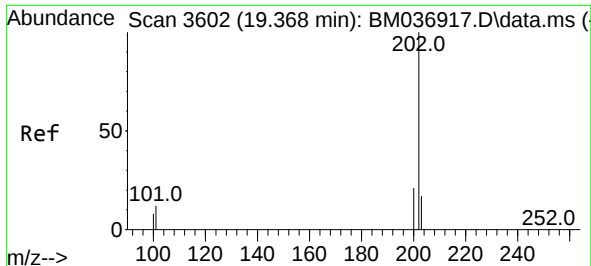


#16
Anthracene
Concen: 0.108 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. -0.005 min
Lab File: BM036924.D
Acq: 11 Oct 2022 01:31



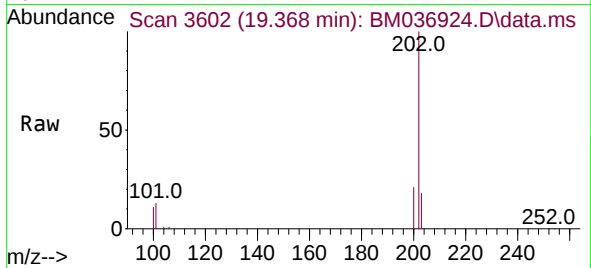
Tgt Ion:178 Resp: 8446
Ion Ratio Lower Upper
178 100
179 24.6 13.6 20.4#
176 20.7 15.6 23.4





#19
Fluoranthene
Concen: 1.104 ng/ul
RT: 19.368 min Scan# 3602
Delta R.T. -0.006 min
Lab File: BM036924.D
Acq: 11 Oct 2022 01:31

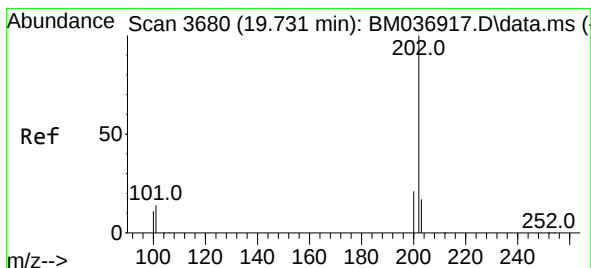
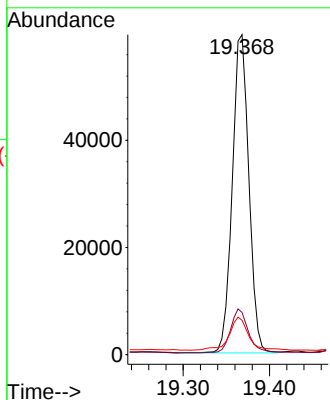
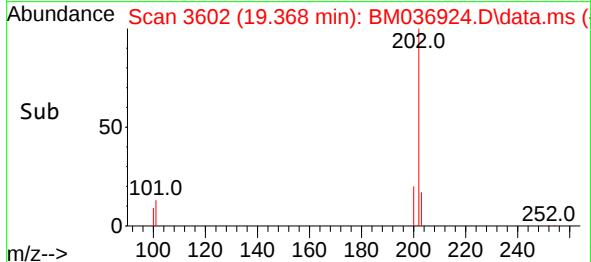
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C0BP3



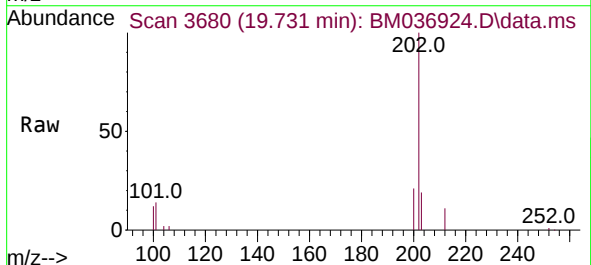
Tgt Ion:202 Resp: 7924
Ion Ratio Lower Upper
202 100
101 13.2 10.1 15.1
100 10.7 7.9 11.9

Manual Integrations
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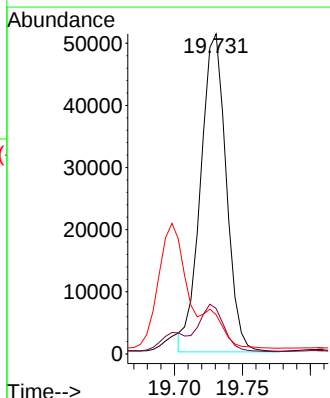
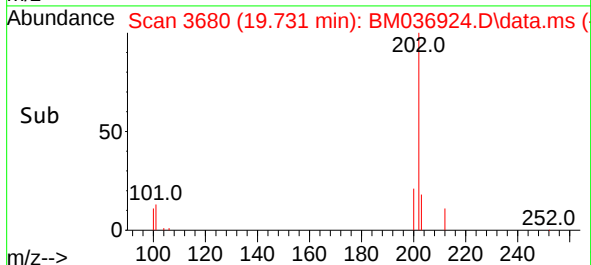
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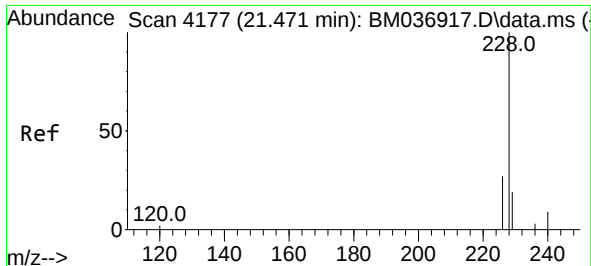


#20
Pyrene
Concen: 0.898 ng/ul m
RT: 19.731 min Scan# 3680
Delta R.T. -0.001 min
Lab File: BM036924.D
Acq: 11 Oct 2022 01:31



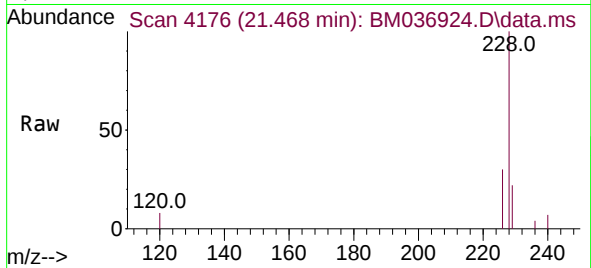
Tgt Ion:202 Resp: 67188
Ion Ratio Lower Upper
202 100
101 14.2 12.0 18.0
100 12.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.459 ng/ul
RT: 21.468 min Scan# 4177
Delta R.T. -0.005 min
Lab File: BM036924.D
Acq: 11 Oct 2022 01:31

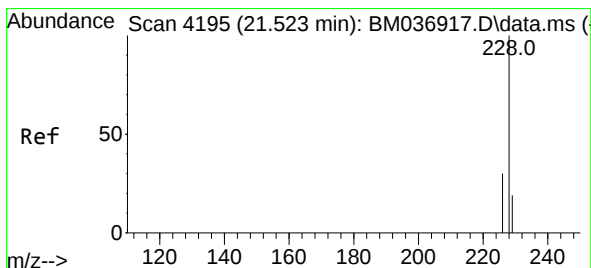
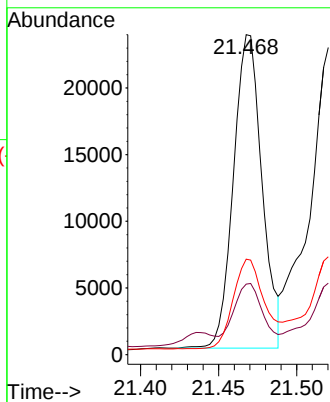
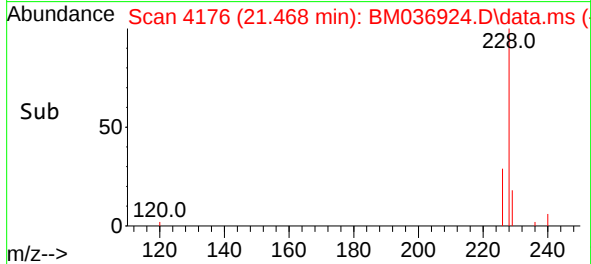
Instrument :
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Tgt Ion:228 Resp: 29914
Ion Ratio Lower Upper
228 100
229 22.0 16.2 24.2
226 29.8 22.5 33.7

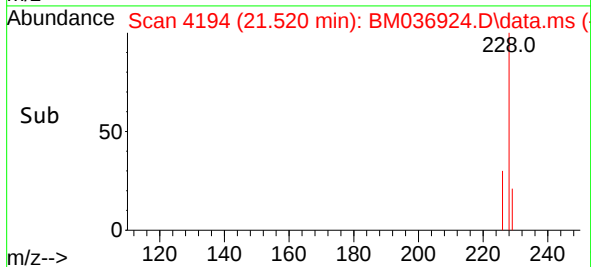
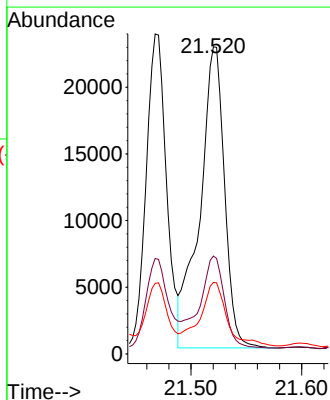
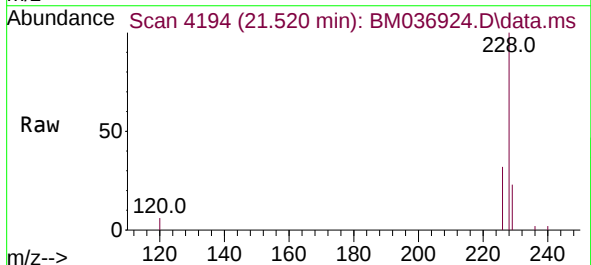
Manual Integrations
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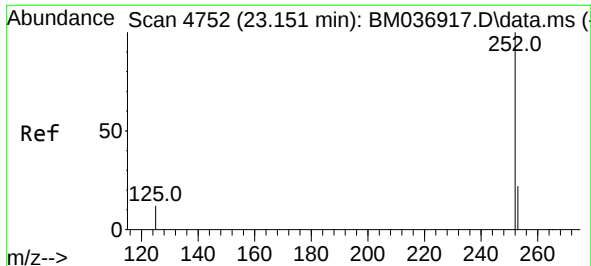
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#22
Chrysene
Concen: 0.504 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. -0.005 min
Lab File: BM036924.D
Acq: 11 Oct 2022 01:31

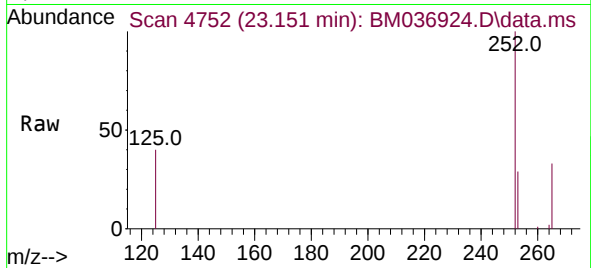
Tgt Ion:228 Resp: 35266
Ion Ratio Lower Upper
228 100
226 31.8 24.6 37.0
229 23.3 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 0.630 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. -0.005 min
Lab File: BM036924.D
Acq: 11 Oct 2022 01:31

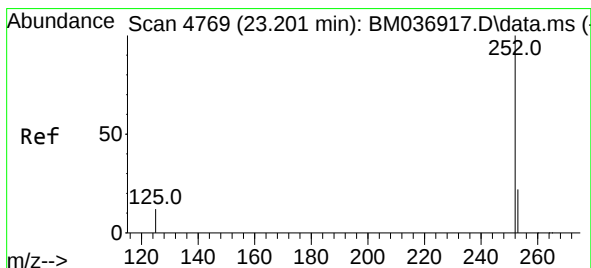
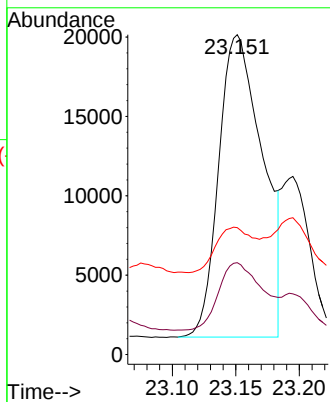
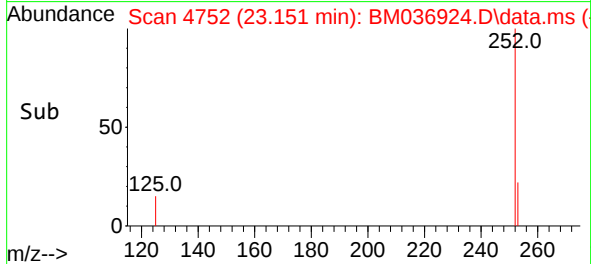
Instrument :
BNA_M
ClientSampleId :
C0BP3



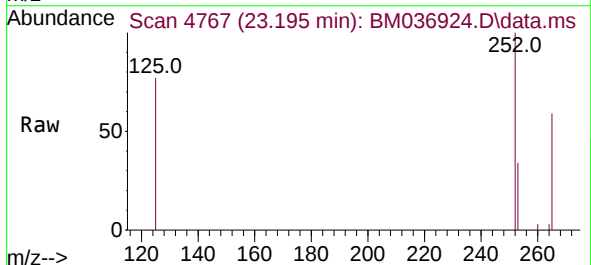
Tgt Ion:252 Resp: 45686
Ion Ratio Lower Upper
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125 39.7 0.0 42.6

Manual Integrations
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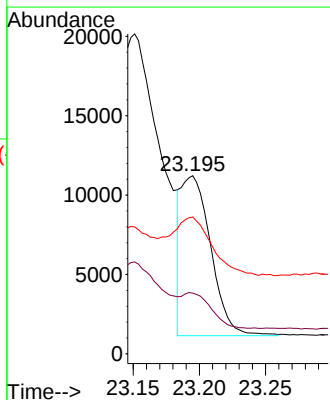
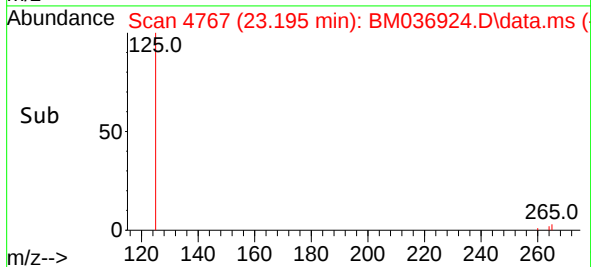
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022

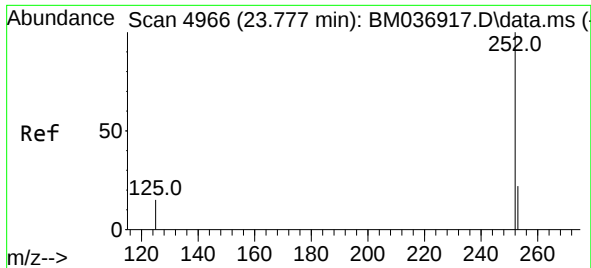


#25
Benzo(k)fluoranthene
Concen: 0.222 ng/ul m
RT: 23.195 min Scan# 4767
Delta R.T. -0.008 min
Lab File: BM036924.D
Acq: 11 Oct 2022 01:31



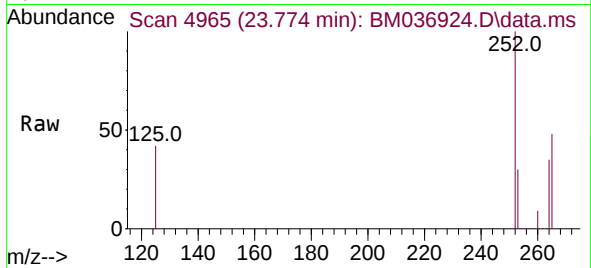
Tgt Ion:252 Resp: 15702
Ion Ratio Lower Upper
252 100
253 34.1 25.2 37.8
125 76.9 18.3 27.5#





#26
Benzo(a)pyrene
Concen: 0.478 ng/ul
RT: 23.774 min Scan# 4966
Delta R.T. -0.008 min
Lab File: BM036924.D
Acq: 11 Oct 2022 01:31

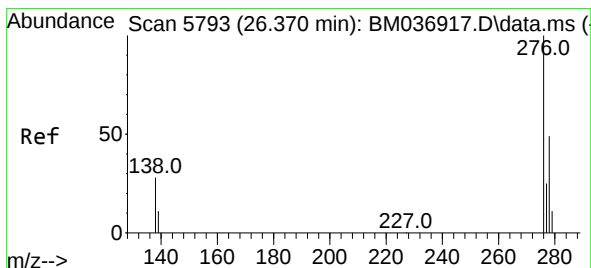
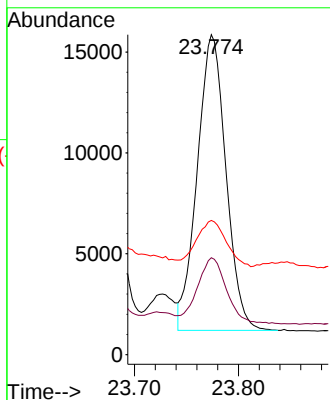
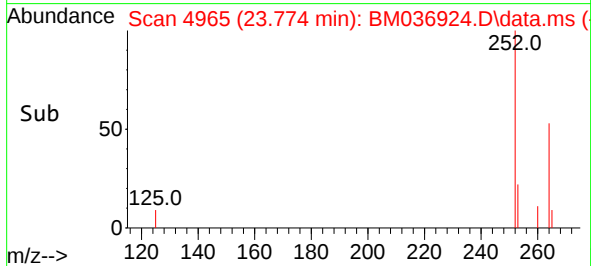
Instrument :
BNA_M
ClientSampleId :
C0BP3



Tgt Ion:252 Resp: 28150
Ion Ratio Lower Upper
252 100
253 30.3 29.7 44.5
125 41.9 23.6 35.4

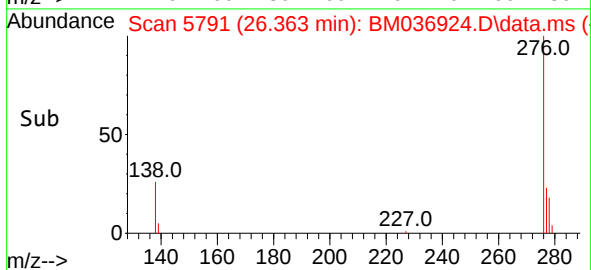
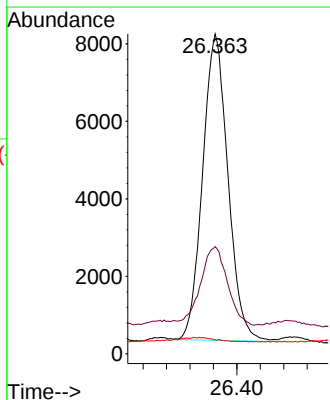
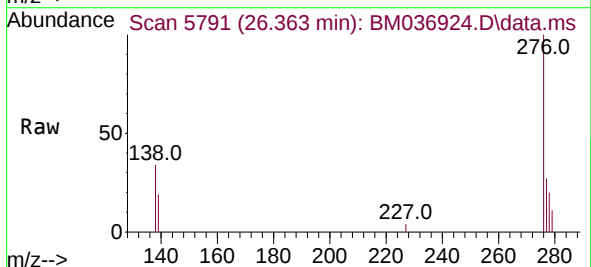
Manual Integrations
APPROVED

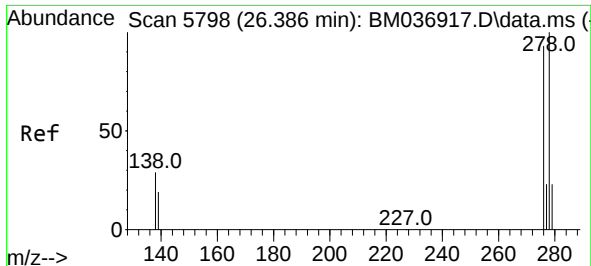
Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.285 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. -0.019 min
Lab File: BM036924.D
Acq: 11 Oct 2022 01:31

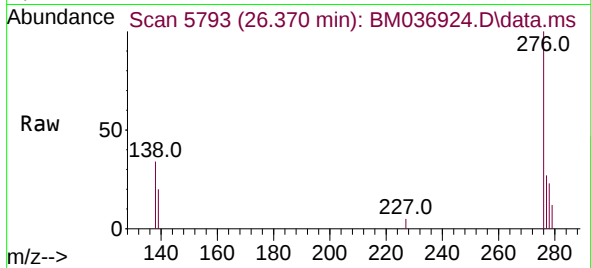
Tgt Ion:276 Resp: 23717
Ion Ratio Lower Upper
276 100
138 27.6 23.9 35.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.086 ng/ul
RT: 26.370 min Scan# 5798
Delta R.T. -0.029 min
Lab File: BM036924.D
Acq: 11 Oct 2022 01:31

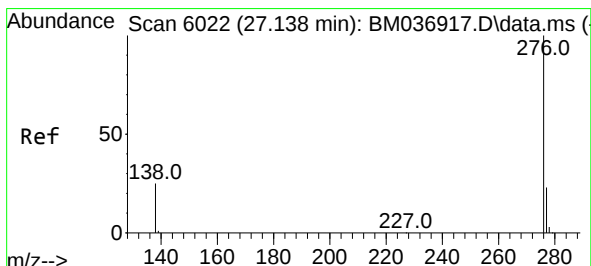
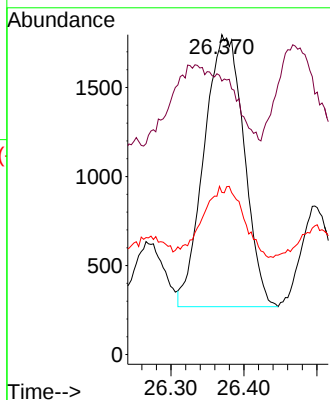
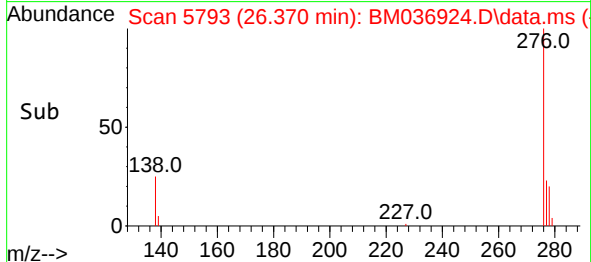
Instrument :
BNA_M
ClientSampleId :
C0BP3



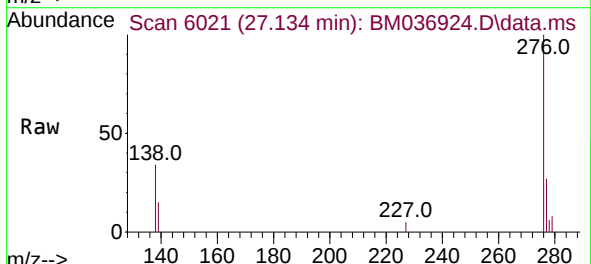
Tgt Ion:278 Resp: 5800
Ion Ratio Lower Upper
278 100
139 85.5 19.8 29.6
279 50.7 27.7 41.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/12/2022



#29
Benzo(g,h,i)perylene
Concen: 0.323 ng/ul
RT: 27.134 min Scan# 6021
Delta R.T. -0.013 min
Lab File: BM036924.D
Acq: 11 Oct 2022 01:31



Tgt Ion:276 Resp: 23731
Ion Ratio Lower Upper
276 100
138 34.0 23.4 35.0
277 26.7 21.0 31.4

