

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038262.D
 Acq On : 24 Dec 2022 09:32
 Operator : CG/JU
 Sample : N6015-18
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXY7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 02:54:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	4092	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	12117	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	7078	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	13998	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	9279	0.400	ng/ul	0.00
23) Perylene-d12	24.015	264	9198	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	27910	6.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	8228	0.461	ng/ul	0.00
18) Fluoranthene-d10	19.418	212	15540	0.446	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.895	128	49386	1.391	ng/ul	99
7) 2-Methylnaphthalene	12.495	142	10232	0.463	ng/ul	100
8) 1-Methylnaphthalene	12.715	142	5604	0.248	ng/ul	100
10) Acenaphthylene	14.384	152	49614	1.270	ng/ul	99
11) Acenaphthene	14.722	153	11238	0.403	ng/ul	98
12) Fluorene	15.702	166	10742	0.355	ng/ul	99
14) Pentachlorophenol	17.050	266	275	0.039	ng/ul	95
15) Phenanthrene	17.439	178	239588	5.114	ng/ul	99
16) Anthracene	17.531	178	60674	1.349	ng/ul	99
19) Fluoranthene	19.450	202	600803	11.818	ng/ul	96
20) Pyrene	19.813	202	457962m	8.915	ng/ul	
21) Benzo(a)anthracene	21.554	228	253836	6.237	ng/ul	97
22) Chrysene	21.606	228	256646	6.479	ng/ul	98
24) Benzo(b)fluoranthene	23.269	252	372851	9.158	ng/ul	87
25) Benzo(k)fluoranthene	23.313	252	121207m	3.099	ng/ul	
26) Benzo(a)pyrene	23.909	252	242059	6.814	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.572	276	189114	3.838	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.575	278	47465	1.240	ng/ul	98
29) Benzo(g,h,i)perylene	27.364	276	195395	4.713	ng/ul	94

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

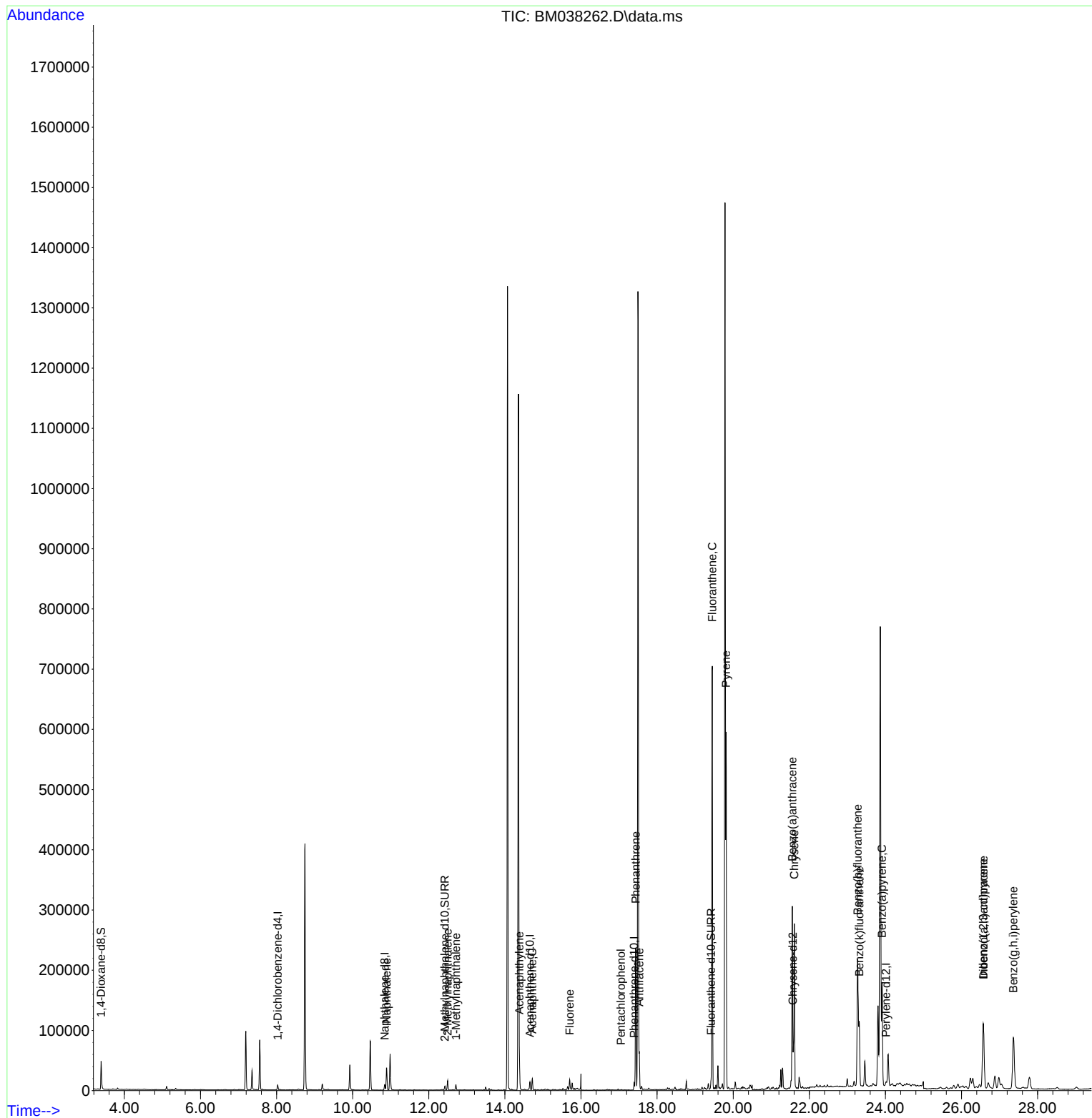
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
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ALS Vial : 70 Sample Multiplier: 1

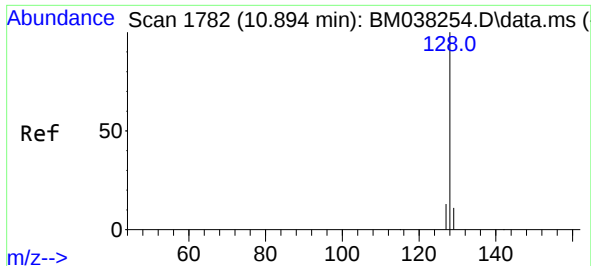
Instrument :
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Supervised By :Yogesh Patel 12/25/2022

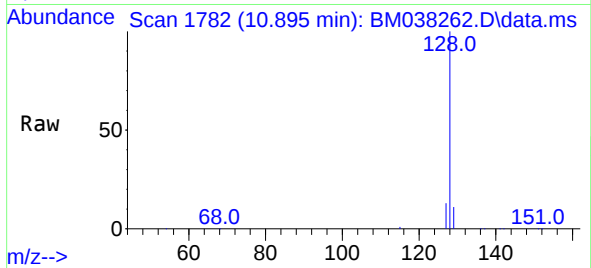
Quant Time: Dec 25 02:54:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.391 ng/ul
RT: 10.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM038262.D
Acq: 24 Dec 2022 09:32

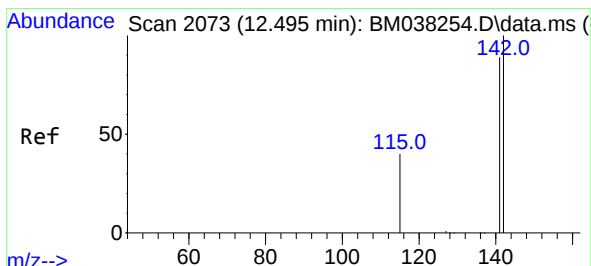
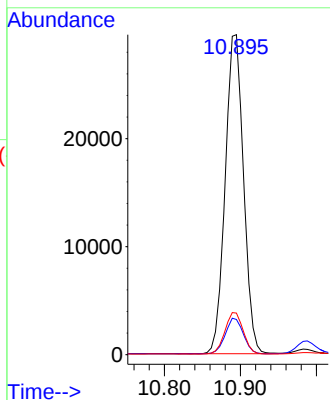
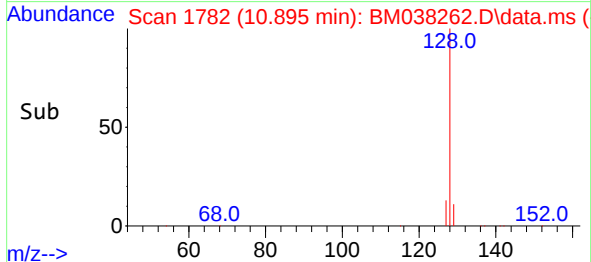
Instrument :
BNA_M
ClientSampleId :
DBXY7



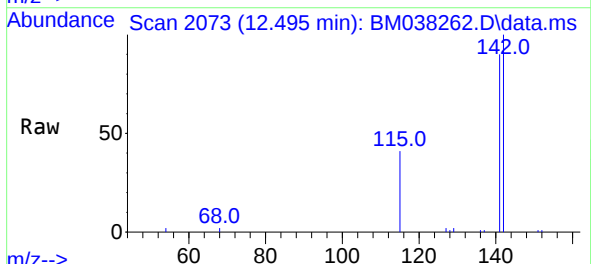
Tgt Ion:128 Resp: 4938
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 13.0 10.7 16.1

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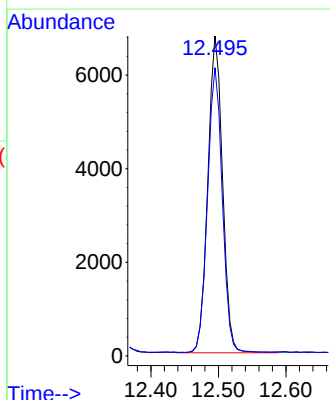
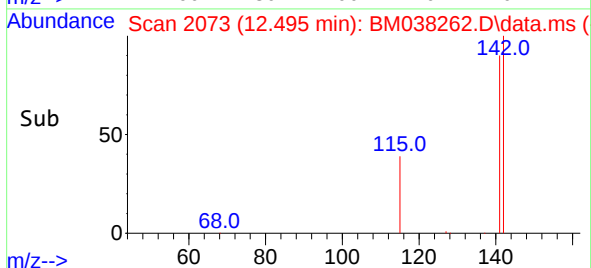
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

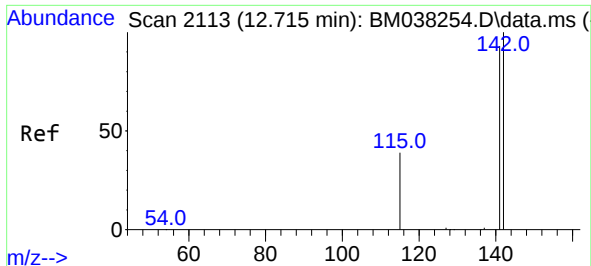


#7
2-Methylnaphthalene
Concen: 0.463 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038262.D
Acq: 24 Dec 2022 09:32



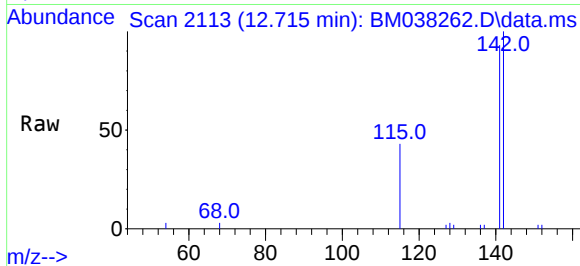
Tgt Ion:142 Resp: 10232
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.248 ng/ul
RT: 12.715 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM038262.D
Acq: 24 Dec 2022 09:32

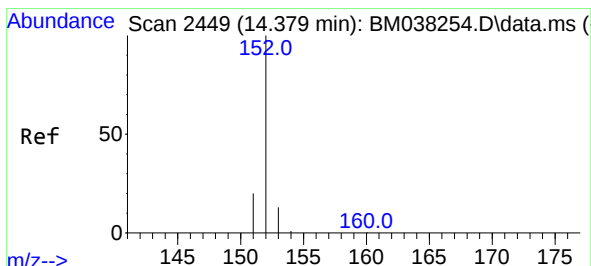
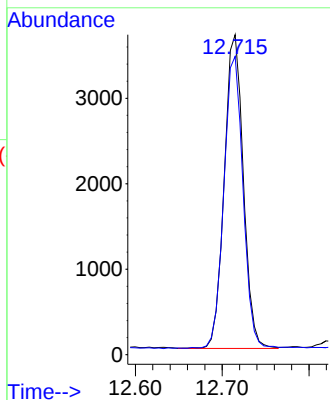
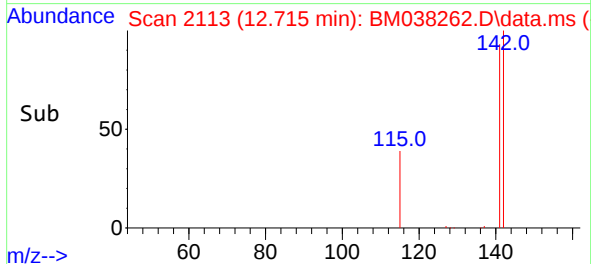
Instrument :
BNA_M
ClientSampleId :
DBXY7



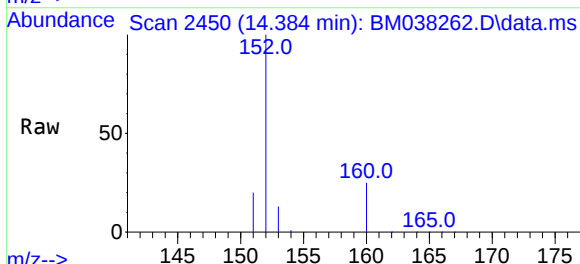
Tgt Ion:142 Resp: 5604
Ion Ratio Lower Upper
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141 93.5 74.7 112.1

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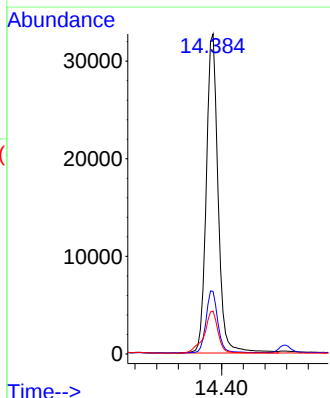
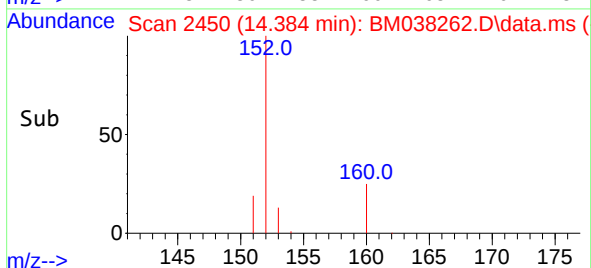
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

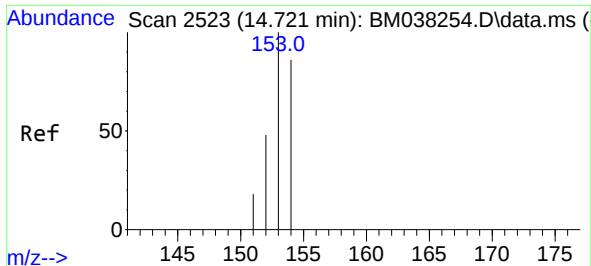


#10
Acenaphthylene
Concen: 1.270 ng/ul
RT: 14.384 min Scan# 2450
Delta R.T. 0.005 min
Lab File: BM038262.D
Acq: 24 Dec 2022 09:32



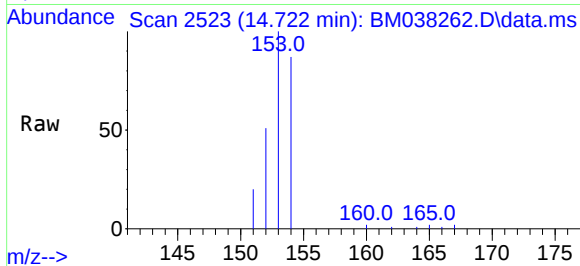
Tgt Ion:152 Resp: 49614
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 13.4 10.7 16.1





#11
Acenaphthene
Concen: 0.403 ng/u1
RT: 14.722 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM038262.D
Acq: 24 Dec 2022 09:32

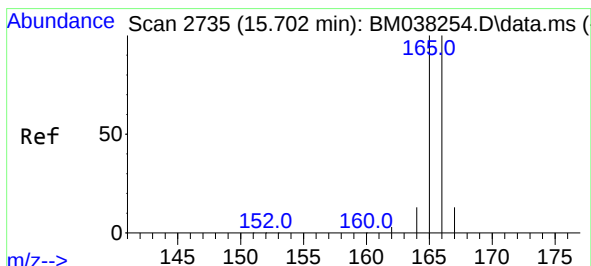
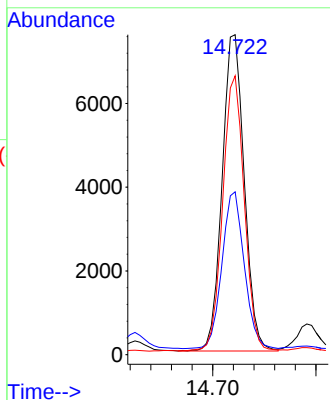
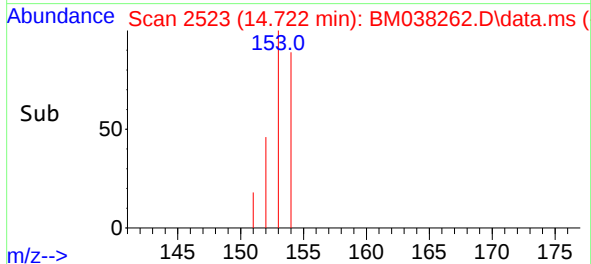
Instrument :
BNA_M
ClientSampleId :
DBXY7



Tgt Ion:153 Resp: 11238
Ion Ratio Lower Upper
153 100
152 50.9 39.4 59.0
154 87.1 69.0 103.4

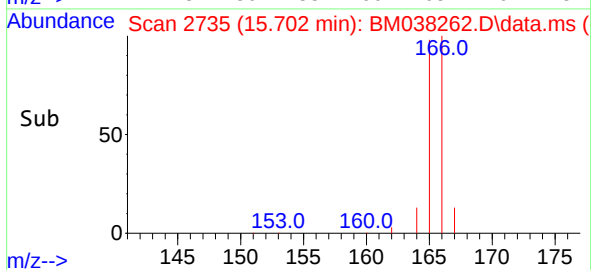
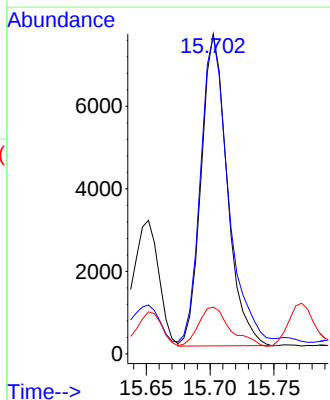
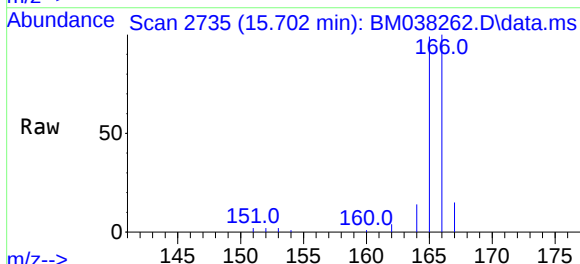
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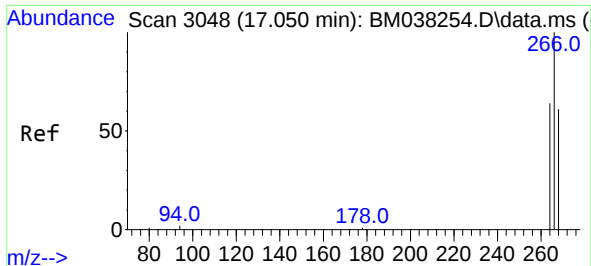
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Supervised By :Yogesh Patel 12/25/2022



#12
Fluorene
Concen: 0.355 ng/u1
RT: 15.702 min Scan# 2735
Delta R.T. 0.000 min
Lab File: BM038262.D
Acq: 24 Dec 2022 09:32

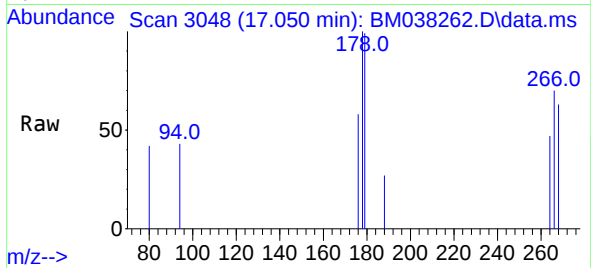
Tgt Ion:166 Resp: 10742
Ion Ratio Lower Upper
166 100
165 99.3 79.0 118.6
167 14.6 11.0 16.6





#14
Pentachlorophenol
Concen: 0.039 ng/u1
RT: 17.050 min Scan# 3048
Delta R.T. 0.000 min
Lab File: BM038262.D
Acq: 24 Dec 2022 09:32

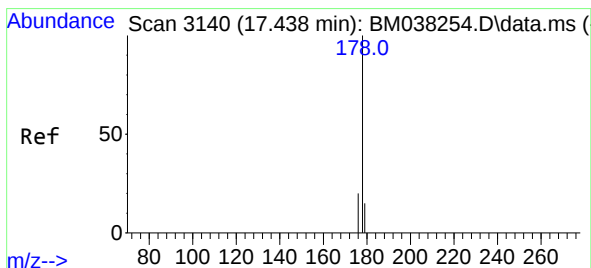
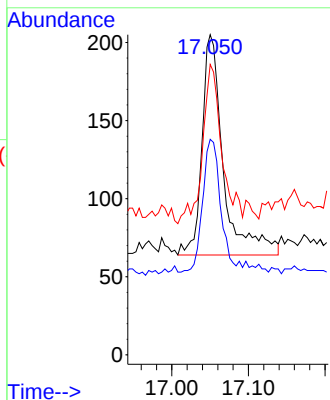
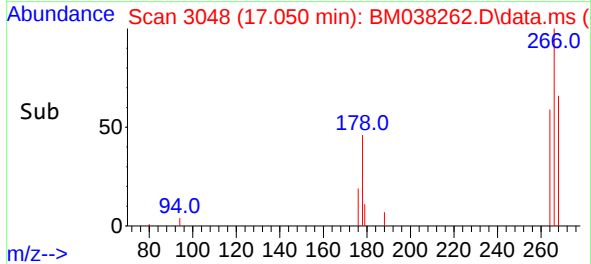
Instrument :
BNA_M
ClientSampleId :
DBXY7



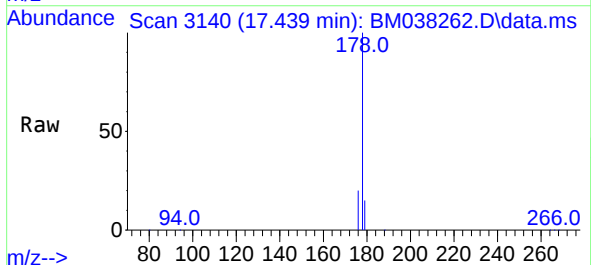
Tgt Ion:266 Resp: 279
Ion Ratio Lower Upper
266 100
264 54.2 49.9 74.9
268 64.4 51.2 76.8

Manual Integrations
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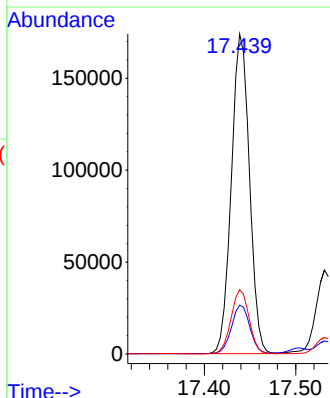
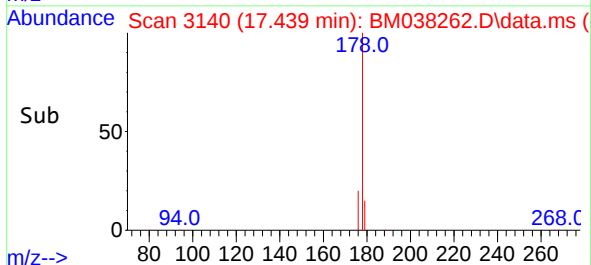
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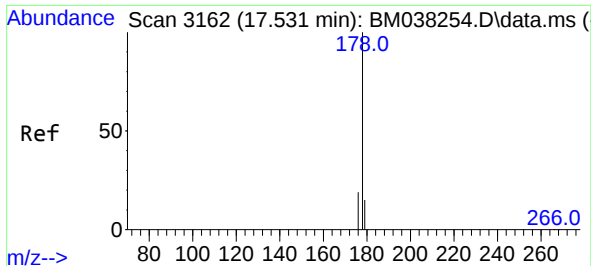


#15
Phenanthrene
Concen: 5.114 ng/u1
RT: 17.439 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038262.D
Acq: 24 Dec 2022 09:32



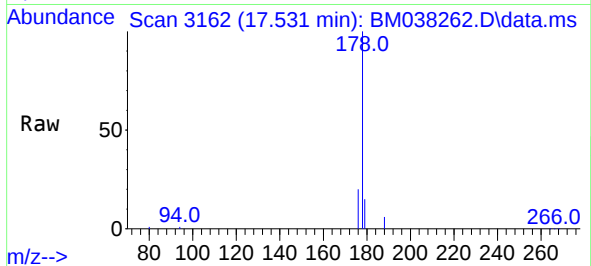
Tgt Ion:178 Resp: 239588
Ion Ratio Lower Upper
178 100
179 15.2 13.0 19.4
176 20.1 16.2 24.4





#16
 Anthracene
 Concen: 1.349 ng/ul
 RT: 17.531 min Scan# 3162
 Delta R.T. 0.000 min
 Lab File: BM038262.D
 Acq: 24 Dec 2022 09:32

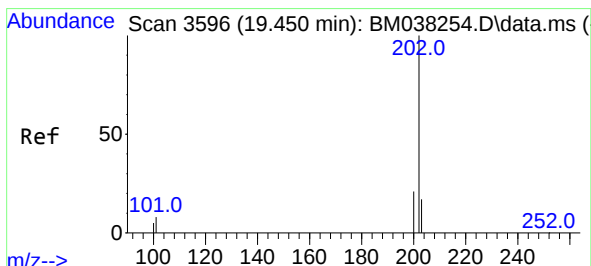
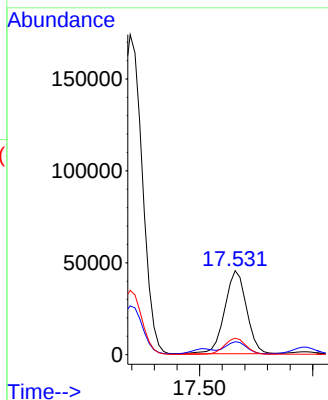
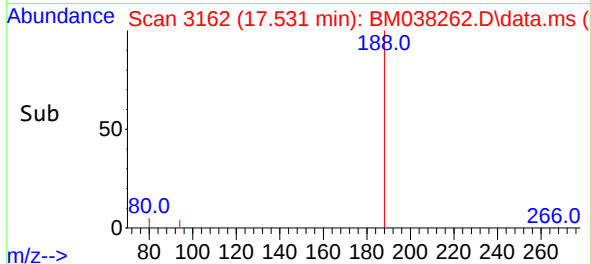
Instrument :
 BNA_M
 ClientSampleId :
 DBXY7



Tgt Ion:178 Resp: 60674
 Ion Ratio Lower Upper
 178 100
 179 15.5 13.0 19.6
 176 19.7 15.6 23.4

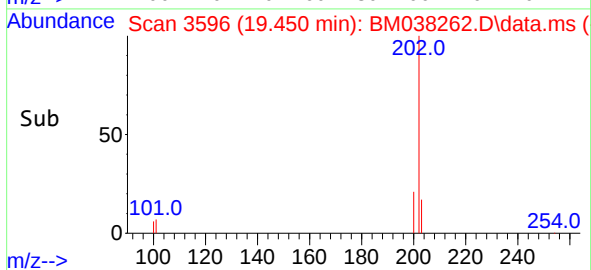
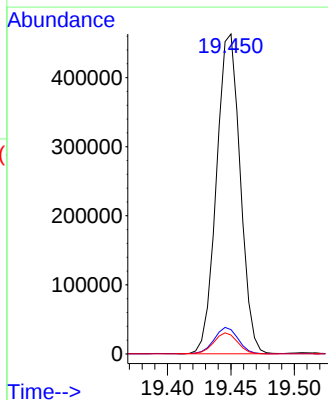
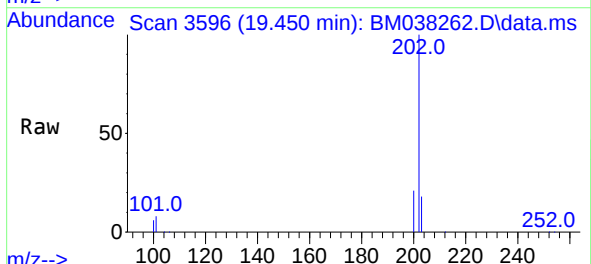
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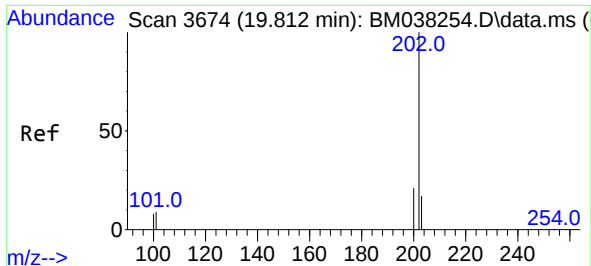
Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022



#19
 Fluoranthene
 Concen: 11.818 ng/ul
 RT: 19.450 min Scan# 3596
 Delta R.T. 0.000 min
 Lab File: BM038262.D
 Acq: 24 Dec 2022 09:32

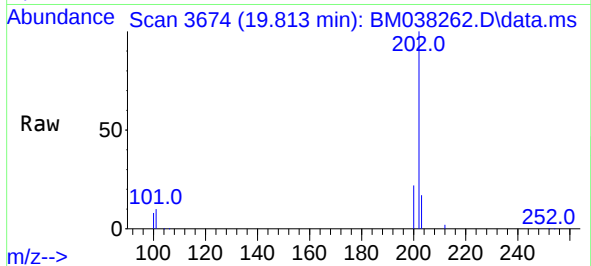
Tgt Ion:202 Resp: 600803
 Ion Ratio Lower Upper
 202 100
 101 7.6 7.5 11.3
 100 5.9 5.6 8.4





#20
Pyrene
Concen: 8.915 ng/ul m
RT: 19.813 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM038262.D
Acq: 24 Dec 2022 09:32

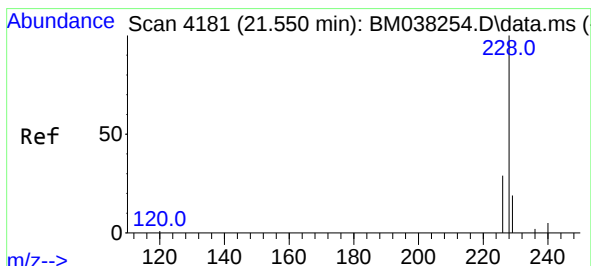
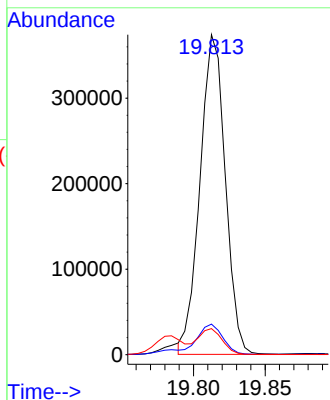
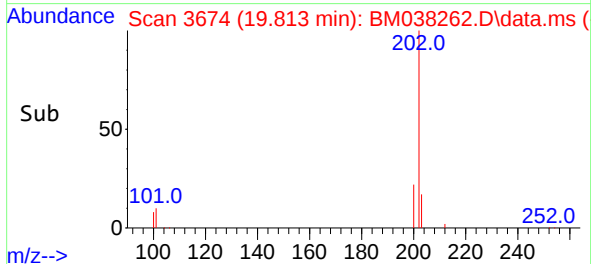
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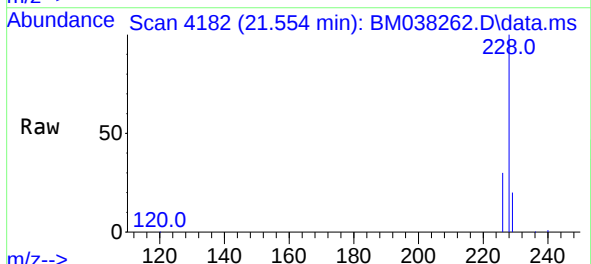
Tgt Ion:202 Resp: 457962
Ion Ratio Lower Upper
202 100
101 9.6 8.9 13.3
100 8.2 7.4 11.0

Manual Integrations
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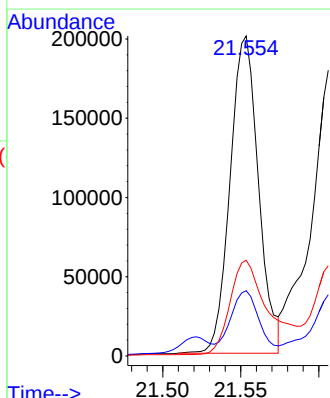
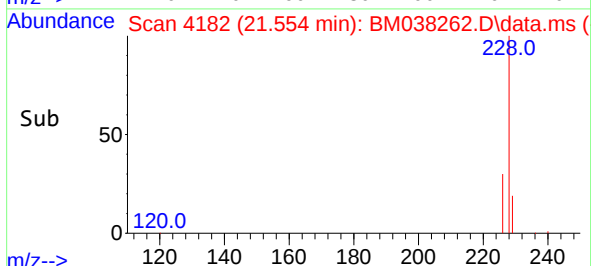
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

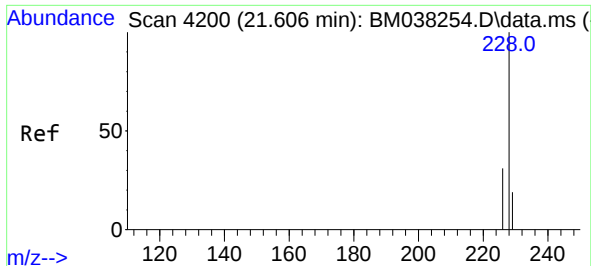


#21
Benzo(a)anthracene
Concen: 6.237 ng/ul
RT: 21.554 min Scan# 4182
Delta R.T. 0.003 min
Lab File: BM038262.D
Acq: 24 Dec 2022 09:32



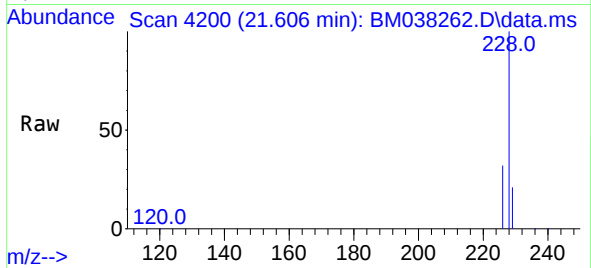
Tgt Ion:228 Resp: 253836
Ion Ratio Lower Upper
228 100
229 20.4 15.5 23.3
226 29.9 22.2 33.2





#22
Chrysene
Concen: 6.479 ng/u1
RT: 21.606 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM038262.D
Acq: 24 Dec 2022 09:32

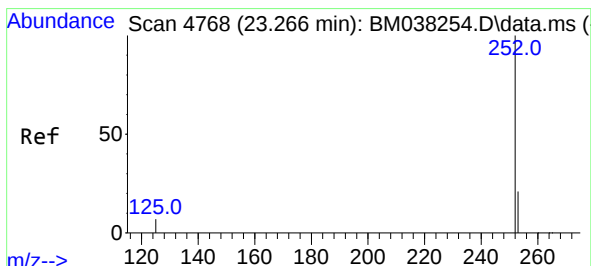
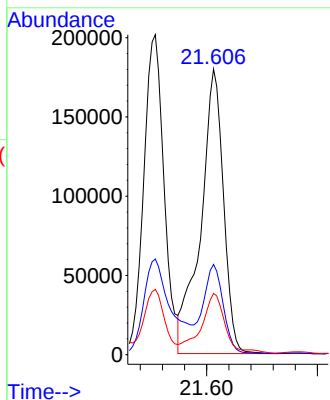
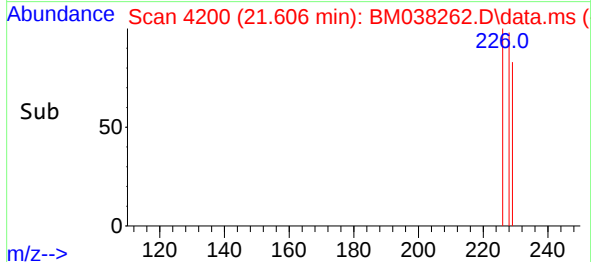
Instrument :
BNA_M
ClientSampleId :
DBXY7



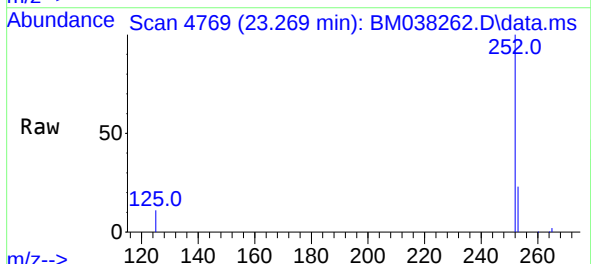
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Ion Ratio Lower Upper
228 100
226 31.6 25.0 37.4
229 21.5 16.0 24.0

Manual Integrations
APPROVED

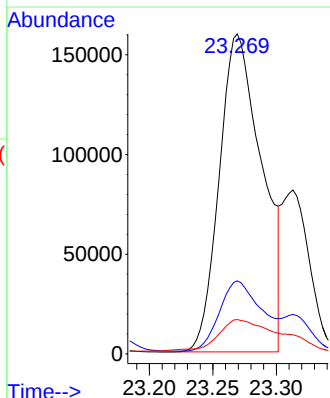
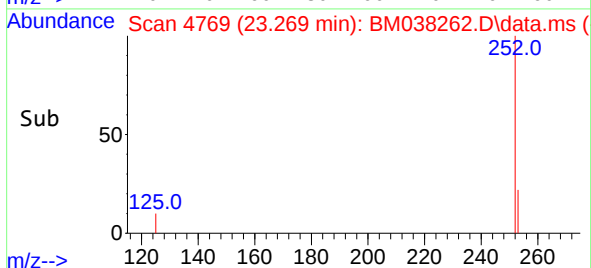
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

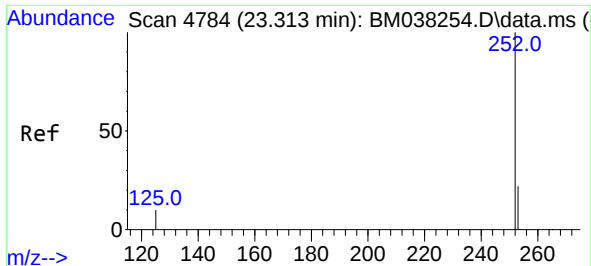


#24
Benzo(b)fluoranthene
Concen: 9.158 ng/u1
RT: 23.269 min Scan# 4769
Delta R.T. 0.003 min
Lab File: BM038262.D
Acq: 24 Dec 2022 09:32



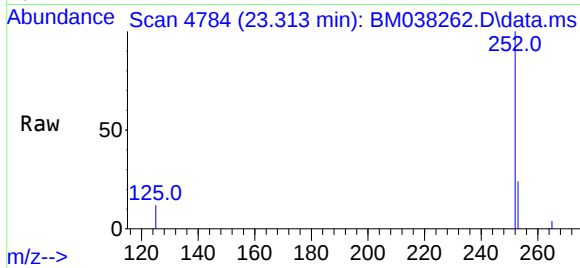
Tgt Ion:252 Resp: 372851
Ion Ratio Lower Upper
252 100
253 22.9 0.0 56.0
125 10.7 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 3.099 ng/ul m
RT: 23.313 min Scan# 4784
Delta R.T. 0.000 min
Lab File: BM038262.D
Acq: 24 Dec 2022 09:32

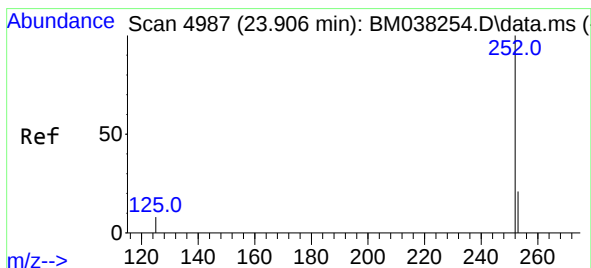
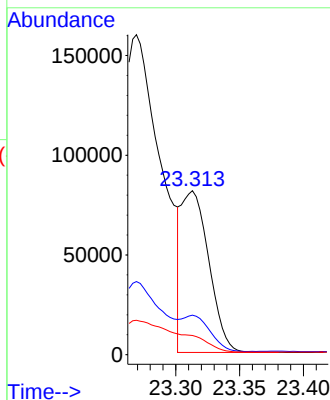
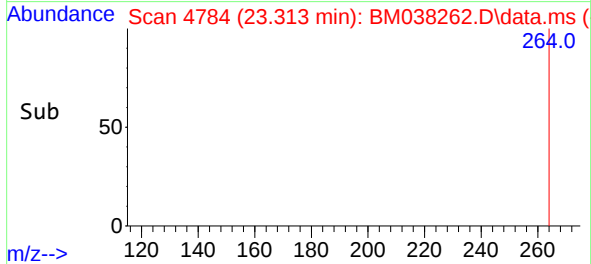
Instrument :
BNA_M
ClientSampleId :
DBXY7



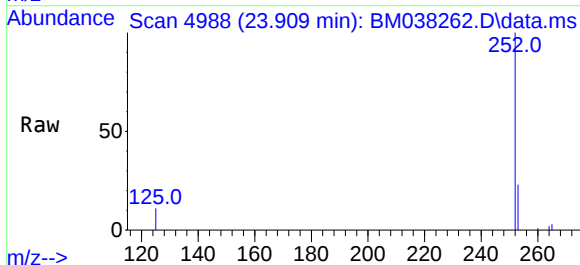
Tgt Ion:252 Resp: 121207
Ion Ratio Lower Upper
252 100
253 24.1 22.5 33.7
125 11.8 14.4 21.6

Manual Integrations
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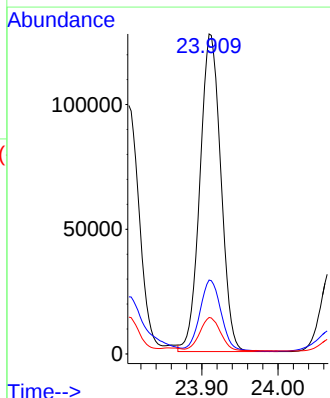
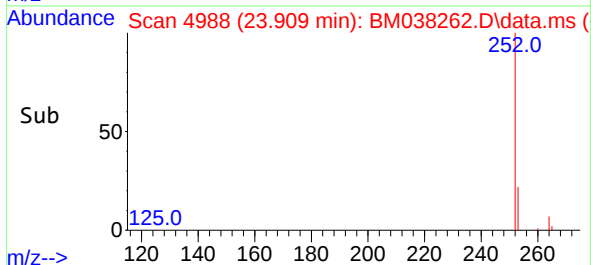
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

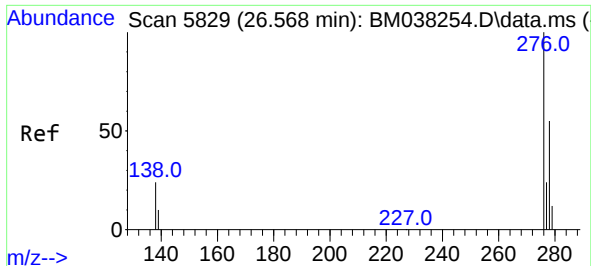


#26
Benzo(a)pyrene
Concen: 6.814 ng/ul
RT: 23.909 min Scan# 4988
Delta R.T. 0.003 min
Lab File: BM038262.D
Acq: 24 Dec 2022 09:32



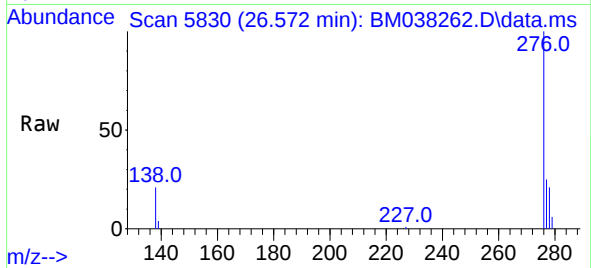
Tgt Ion:252 Resp: 242059
Ion Ratio Lower Upper
252 100
253 23.1 24.2 36.4#
125 11.4 17.3 25.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 3.838 ng/ul
RT: 26.572 min Scan# 5830
Delta R.T. 0.004 min
Lab File: BM038262.D
Acq: 24 Dec 2022 09:32

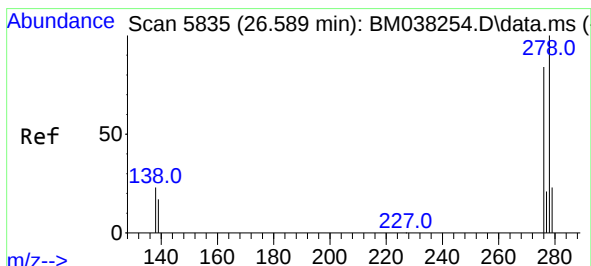
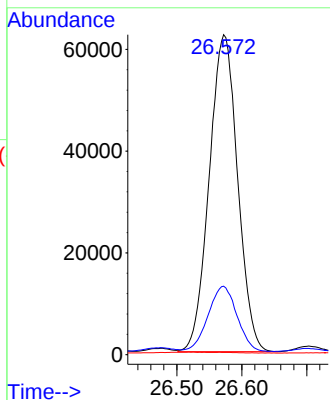
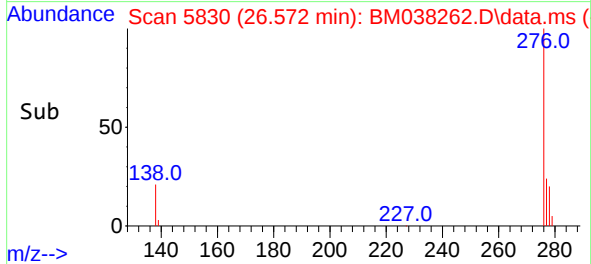
Instrument :
BNA_M
ClientSampleId :
DBXY7



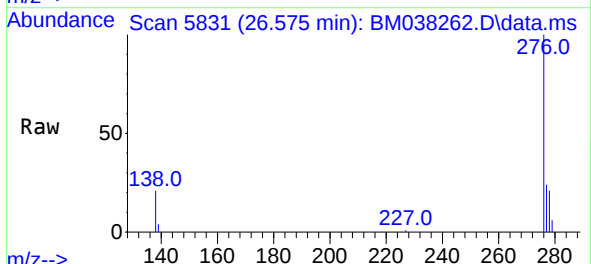
Tgt Ion:276 Resp: 189114
Ion Ratio Lower Upper
276 100
138 20.9 21.7 32.5
227 0.0 0.0 0.0

Manual Integrations
APPROVED

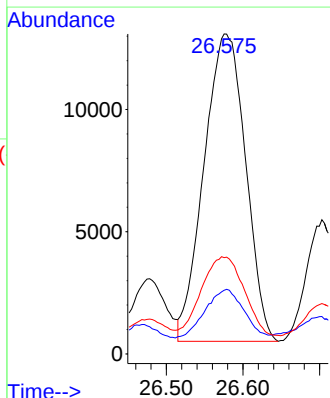
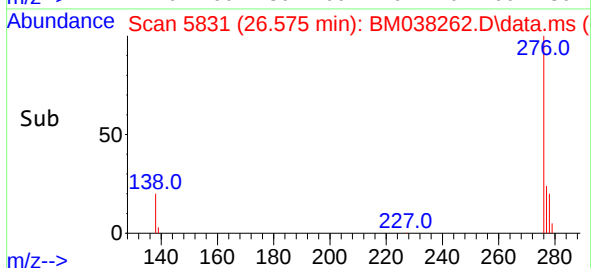
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

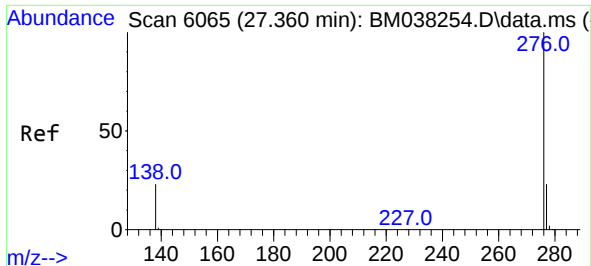


#28
Dibenzo(a,h)anthracene
Concen: 1.240 ng/ul
RT: 26.575 min Scan# 5831
Delta R.T. -0.013 min
Lab File: BM038262.D
Acq: 24 Dec 2022 09:32



Tgt Ion:278 Resp: 47465
Ion Ratio Lower Upper
278 100
139 19.9 16.8 25.2
279 30.1 23.4 35.2





#29

Benzo(g,h,i)perylene

Concen: 4.713 ng/ul

RT: 27.364 min Scan# 6065

Delta R.T. 0.004 min

Lab File: BM038262.D

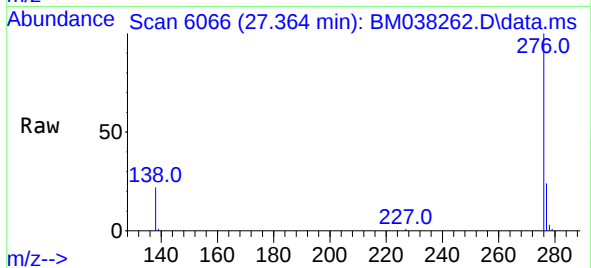
Acq: 24 Dec 2022 09:32

Instrument :

BNA_M

ClientSampleId :

DBXY7



Tgt Ion:276 Resp: 19539

Ion Ratio Lower Upper

276 100

138 21.8 20.8 31.2

277 23.8 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022

Supervised By :Yogesh Patel 12/25/2022

