

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
 Data File : BM044914.D
 Acq On : 04 Apr 2024 14:48
 Operator : MA/JU
 Sample : P1849-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0LY5MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
 Supervised By :mohammad ahmed 04/06/2024

Quant Time: Apr 04 15:22:12 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Apr 03 23:34:03 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.648	152	2545	0.400	ng/ul	0.00
4) Naphthalene-d8	10.424	136	8256	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.293	164	4907	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.052	188	10530	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.263	240	7825	0.400	ng/ul	# 0.00
23) Perylene-d12	23.493	264	11084	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.226	96	596	0.178	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.019	152	1744	0.156	ng/ul	-0.03
18) Fluoranthene-d10	19.089	212	4397	0.222	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.255	88	1592	0.497	ng/ul#	81
5) Naphthalene	10.474	128	31465	1.436	ng/ul	94
7) 2-Methylnaphthalene	12.096	142	82554	6.311	ng/ul	97
8) 1-Methylnaphthalene	12.316	142	62601	4.382	ng/ul	99
10) Acenaphthylene	14.015	152	7833	0.320	ng/ul#	76
11) Acenaphthene	14.358	153	59863	3.416	ng/ul	98
12) Fluorene	15.352	166	80197	4.082	ng/ul	99
14) Pentachlorophenol	16.710	266	829	0.336	ng/ul	94
15) Phenanthrene	17.094	178	1130220	38.122	ng/ul	97
16) Anthracene	17.187	178	244677	8.380	ng/ul	97
19) Fluoranthene	19.122	202	1508182	53.938	ng/ul	99
20) Pyrene	19.489	202	1172072	39.693	ng/ul	98
21) Benzo(a)anthracene	21.246	228	503885	18.498	ng/ul	100
22) Chrysene	21.298	228	480306	14.127	ng/ul	98
24) Benzo(b)fluoranthene	22.827	252	606981	15.163	ng/ul	92
25) Benzo(k)fluoranthene	22.868	252	219880m	4.904	ng/ul	
26) Benzo(a)pyrene	23.397	252	369027	9.655	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.736	276	270953	5.172	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.749	278	71290	1.718	ng/ul#	88
29) Benzo(g,h,i)perylene	26.427	276	239155	5.294	ng/ul	98

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

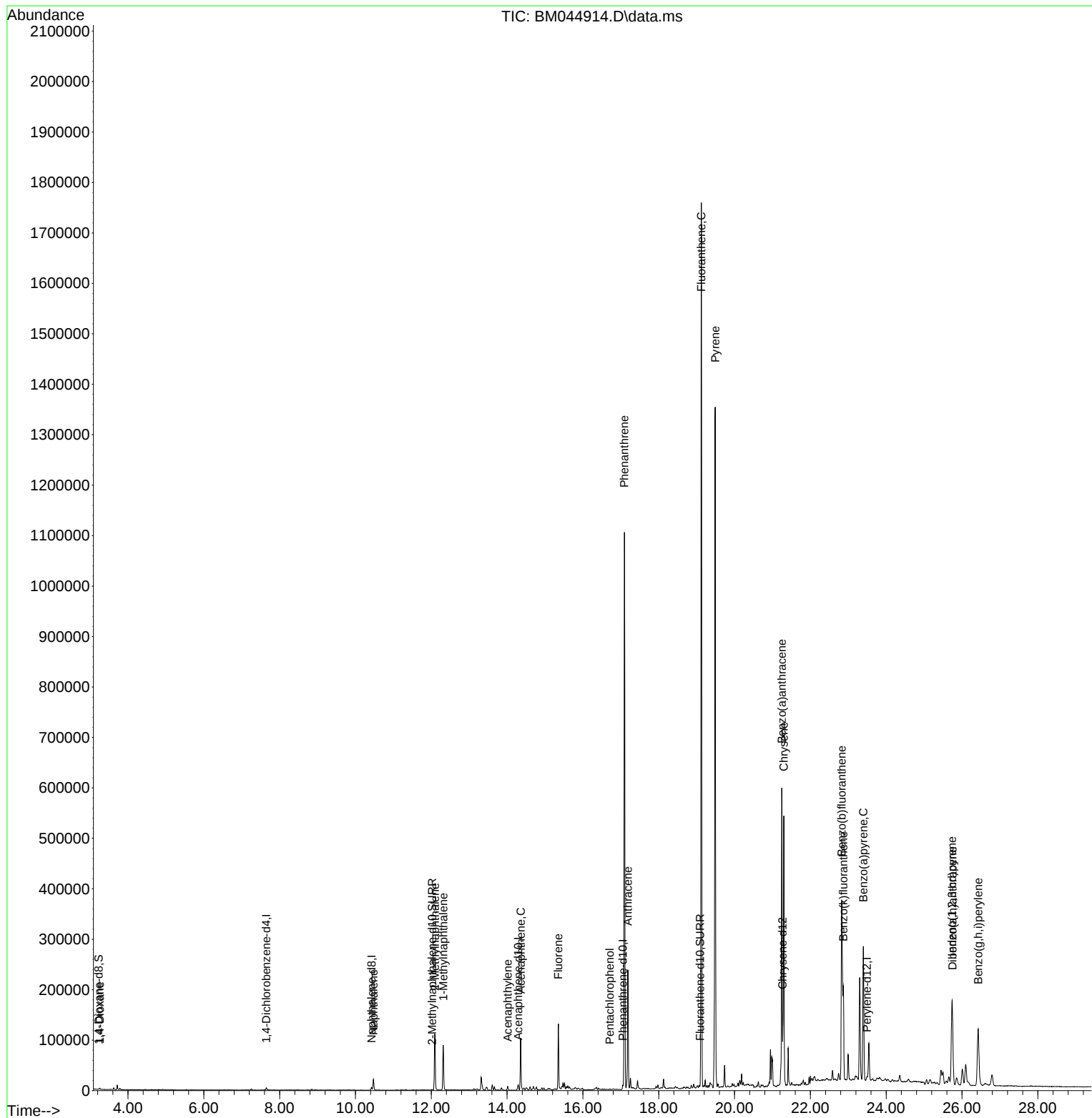
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044914.D
Acq On : 04 Apr 2024 14:48
Operator : MA/JU
Sample : P1849-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

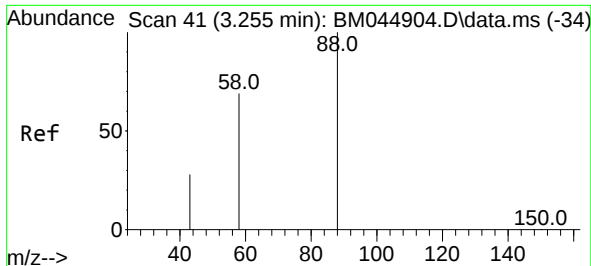
Instrument :
BNA_M
ClientSampleId :
EOLY5MS

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024

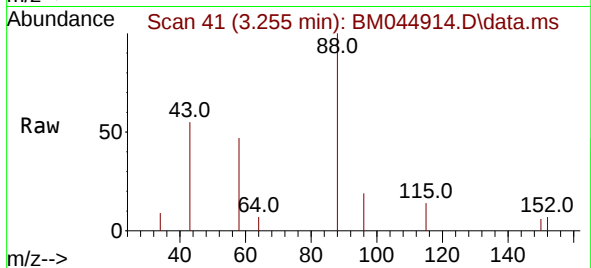
Quant Time: Apr 04 15:22:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 23:34:03 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.497 ng/ul
RT: 3.255 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM044914.D
Acq: 04 Apr 2024 14:48

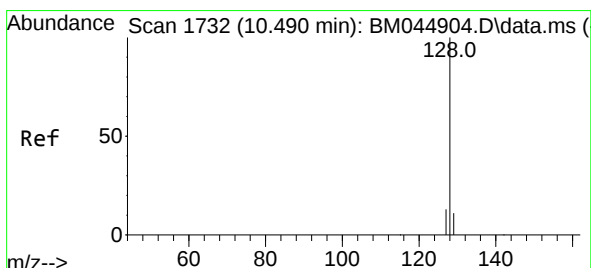
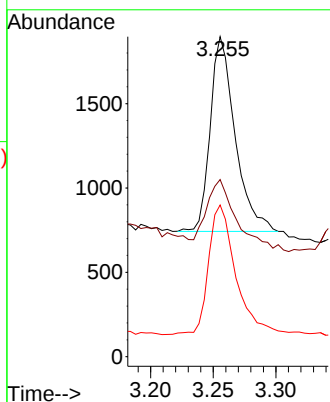
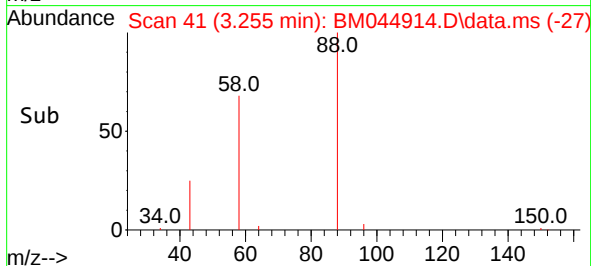
Instrument :
BNA_M
ClientSampleId :
E0LY5MS



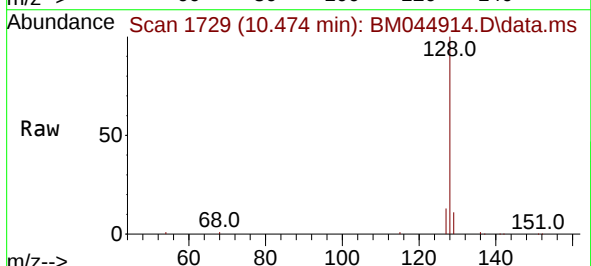
Tgt Ion: 88 Resp: 1592
Ion Ratio Lower Upper
88 100
43 55.4 30.6 46.0
58 47.4 32.6 48.8

Manual Integrations
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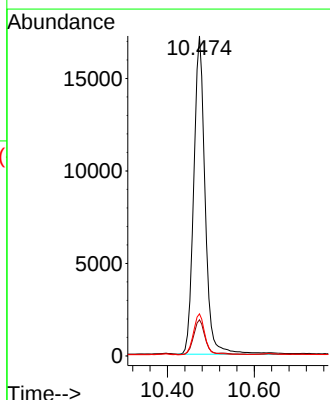
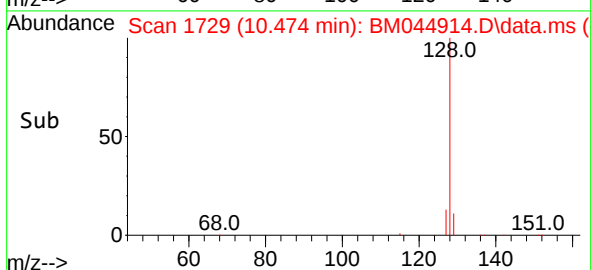
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024

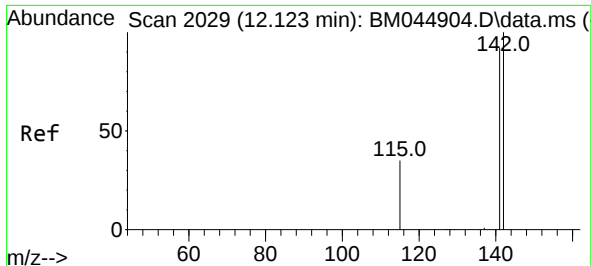


#5
Naphthalene
Concen: 1.436 ng/ul
RT: 10.474 min Scan# 1729
Delta R.T. -0.022 min
Lab File: BM044914.D
Acq: 04 Apr 2024 14:48



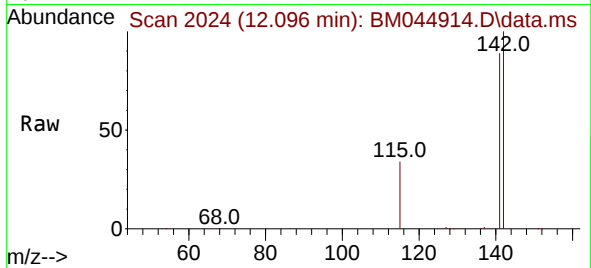
Tgt Ion:128 Resp: 31465
Ion Ratio Lower Upper
128 100
129 11.3 11.3 16.9
127 13.1 11.9 17.9





#7
2-Methylnaphthalene
Concen: 6.311 ng/ul
RT: 12.096 min Scan# 2029
Delta R.T. -0.033 min
Lab File: BM044914.D
Acq: 04 Apr 2024 14:48

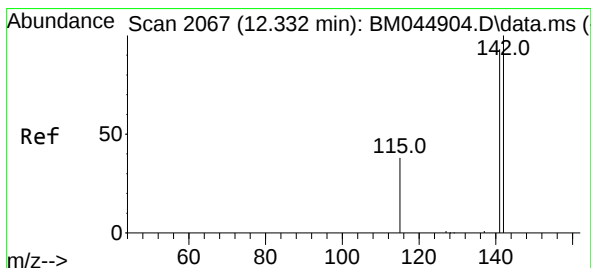
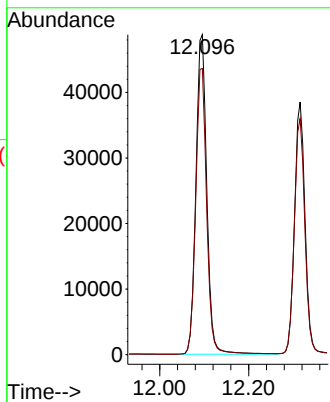
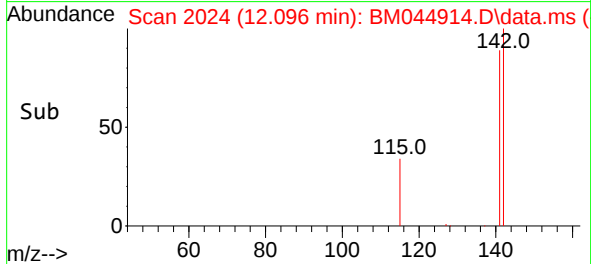
Instrument :
BNA_M
ClientSampleId :
EOLY5MS



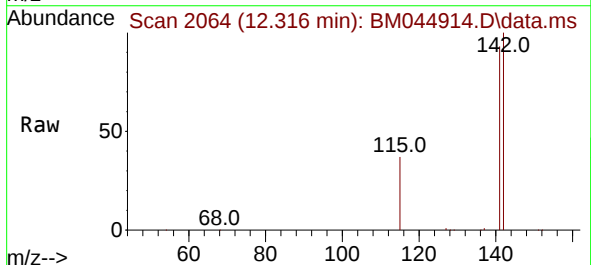
Tgt Ion:142 Resp: 82554
Ion Ratio Lower Upper
142 100
141 89.9 73.8 110.8

Manual Integrations
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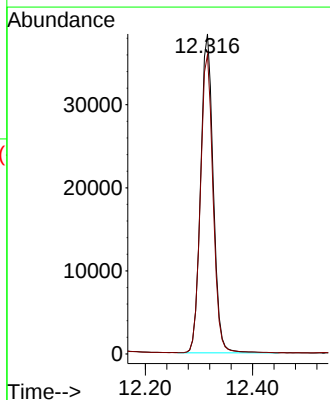
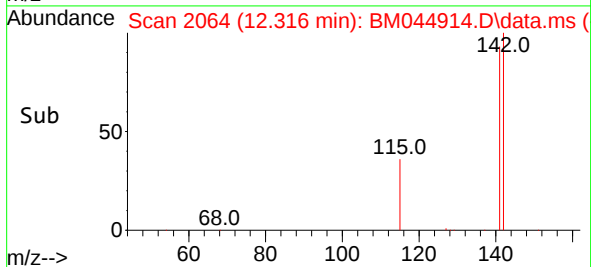
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024

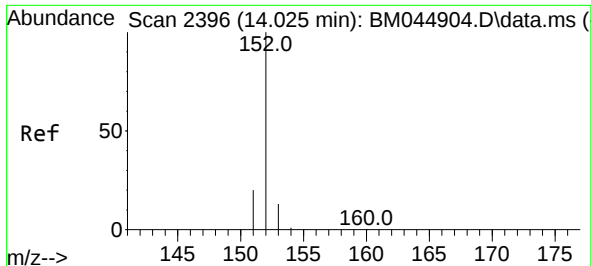


#8
1-Methylnaphthalene
Concen: 4.382 ng/ul
RT: 12.316 min Scan# 2064
Delta R.T. -0.022 min
Lab File: BM044914.D
Acq: 04 Apr 2024 14:48



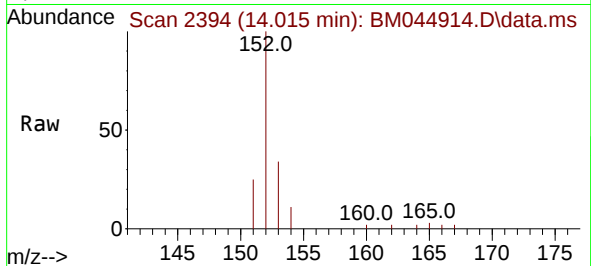
Tgt Ion:142 Resp: 62601
Ion Ratio Lower Upper
142 100
141 93.6 74.2 111.2





#10
Acenaphthylene
Concen: 0.320 ng/ul
RT: 14.015 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM044914.D
Acq: 04 Apr 2024 14:48

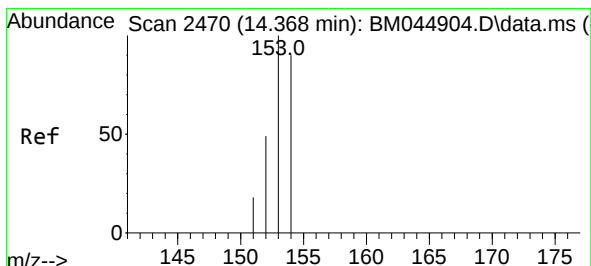
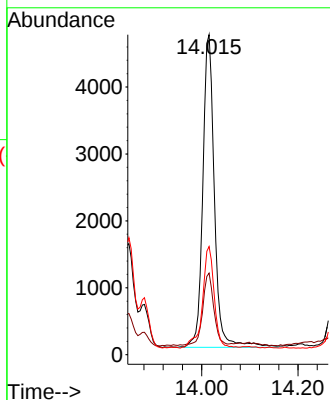
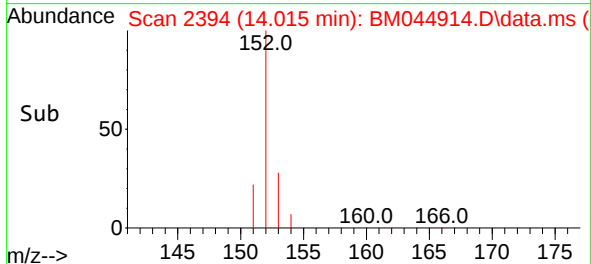
Instrument :
BNA_M
ClientSampleId :
EOLY5MS



Tgt Ion:152 Resp: 783
Ion Ratio Lower Upper
152 100
151 25.5 17.0 25.4
153 33.8 11.9 17.9

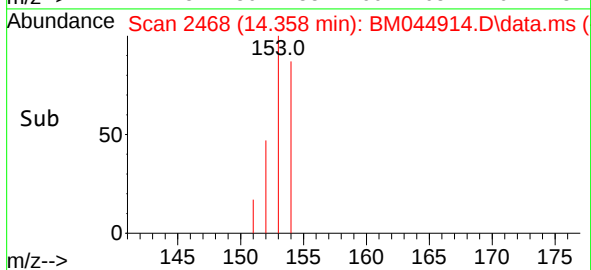
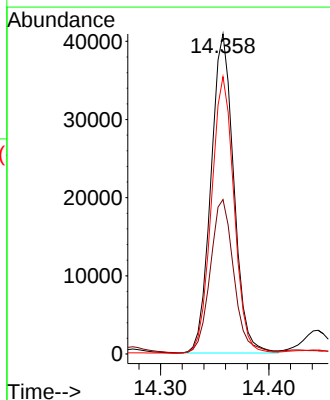
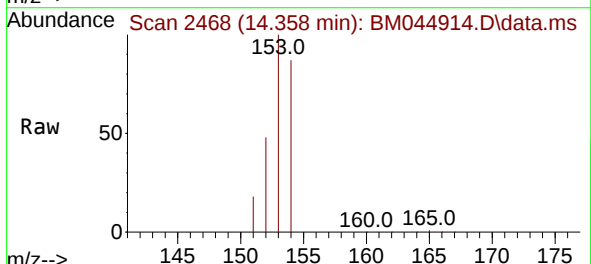
Manual Integrations
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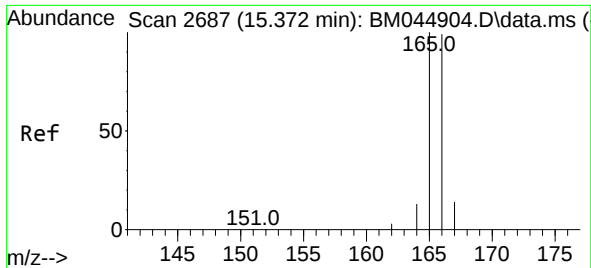
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024



#11
Acenaphthene
Concen: 3.416 ng/ul
RT: 14.358 min Scan# 2468
Delta R.T. -0.009 min
Lab File: BM044914.D
Acq: 04 Apr 2024 14:48

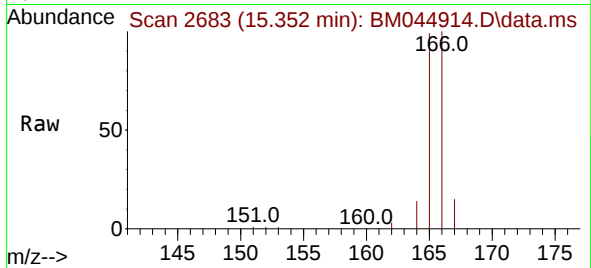
Tgt Ion:153 Resp: 59863
Ion Ratio Lower Upper
153 100
152 48.3 41.2 61.8
154 86.7 69.4 104.0





#12
Fluorene
Concen: 4.082 ng/ul
RT: 15.352 min Scan# 2019
Delta R.T. -0.023 min
Lab File: BM044914.D
Acq: 04 Apr 2024 14:48

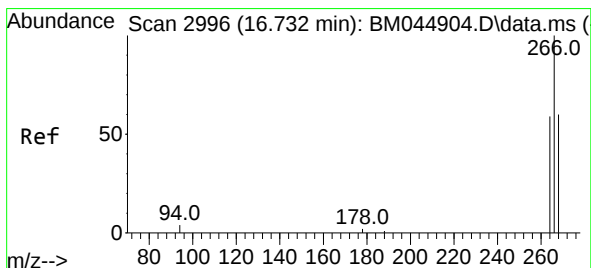
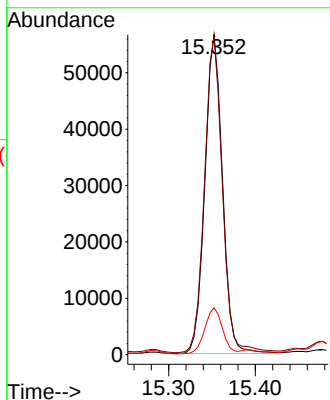
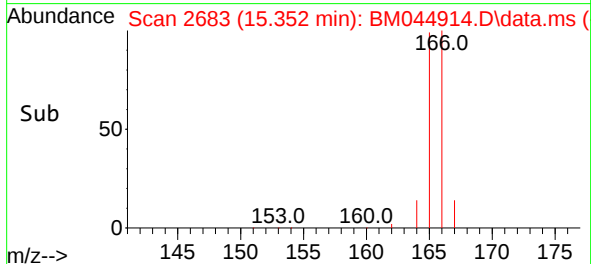
Instrument :
BNA_M
ClientSampleId :
E0LY5MS



Tgt Ion:166 Resp: 8019
Ion Ratio Lower Upper
166 100
165 99.5 79.9 119.9
167 14.7 12.2 18.2

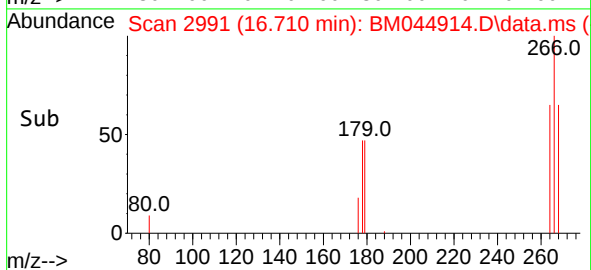
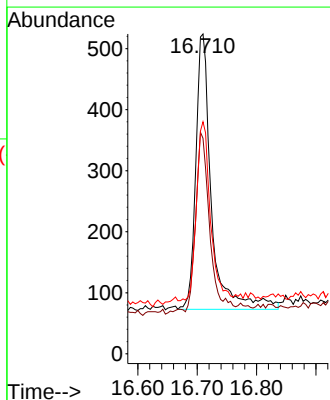
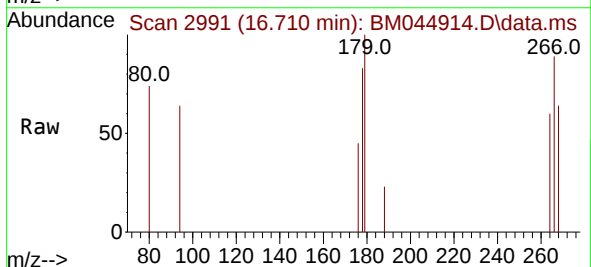
Manual Integrations
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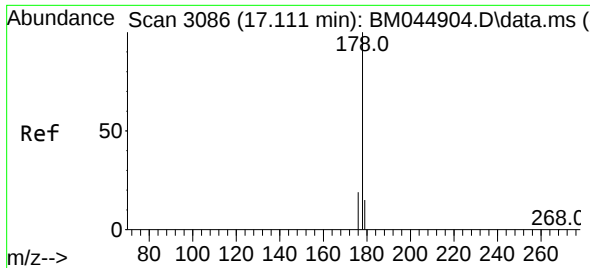
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024



#14
Pentachlorophenol
Concen: 0.336 ng/ul
RT: 16.710 min Scan# 2991
Delta R.T. -0.025 min
Lab File: BM044914.D
Acq: 04 Apr 2024 14:48

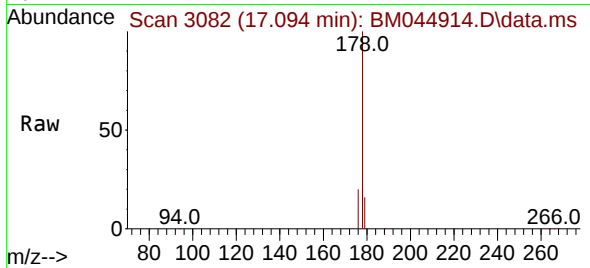
Tgt Ion:266 Resp: 829
Ion Ratio Lower Upper
266 100
264 57.2 48.3 72.5
268 59.8 52.6 79.0





#15
Phenanthrene
Concen: 38.122 ng/ul
RT: 17.094 min Scan# 3086
Delta R.T. -0.017 min
Lab File: BM044914.D
Acq: 04 Apr 2024 14:48

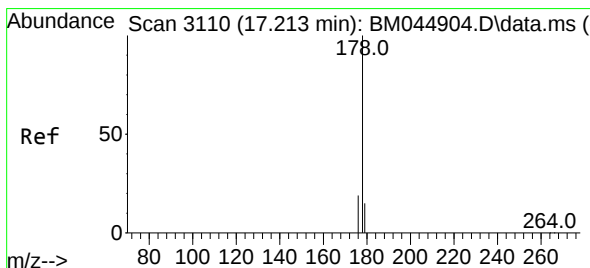
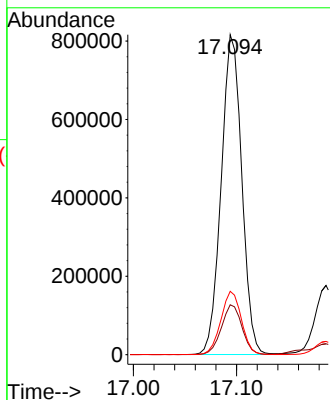
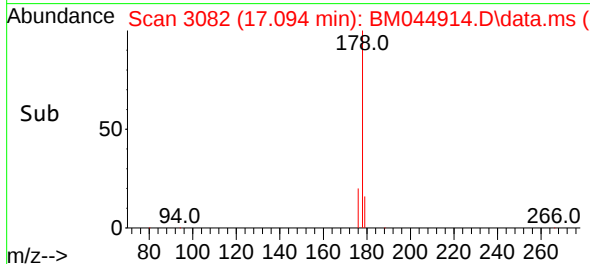
Instrument :
BNA_M
ClientSampleId :
EOLY5MS



Tgt Ion:178 Resp: 1130220
Ion Ratio Lower Upper
178 100
179 15.6 13.7 20.5
176 19.8 17.0 25.4

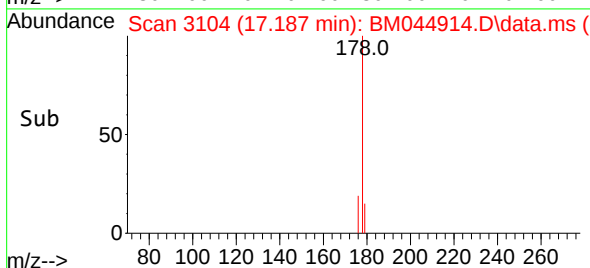
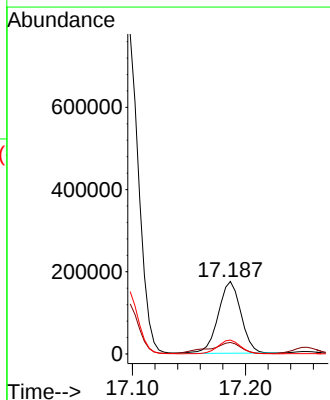
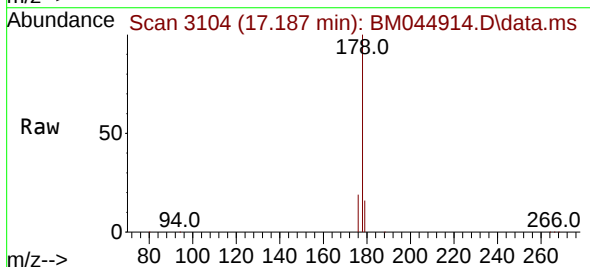
Manual Integrations
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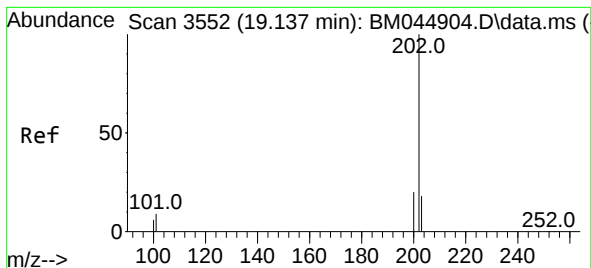
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024



#16
Anthracene
Concen: 8.380 ng/ul
RT: 17.187 min Scan# 3104
Delta R.T. -0.025 min
Lab File: BM044914.D
Acq: 04 Apr 2024 14:48

Tgt Ion:178 Resp: 244677
Ion Ratio Lower Upper
178 100
179 15.8 13.8 20.8
176 19.2 16.2 24.4





#19

Fluoranthene

Concen: 53.938 ng/uI

RT: 19.122 min Scan# 3549

Delta R.T. -0.014 min

Lab File: BM044914.D

Acq: 04 Apr 2024 14:48

Instrument :

BNA_M

ClientSampleId :

E0LY5MS

Tgt Ion:202 Resp: 150818

Ion Ratio Lower Upper

202 100

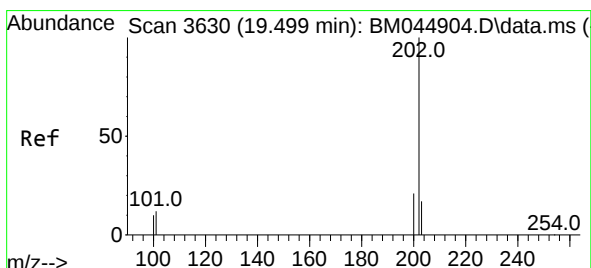
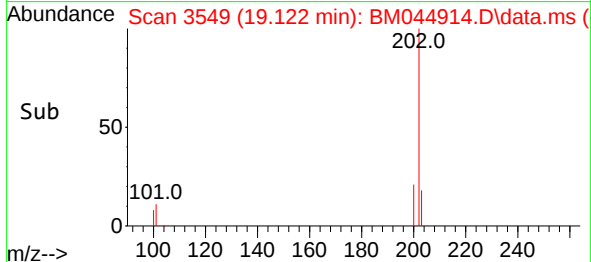
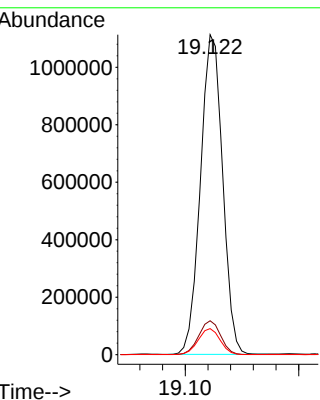
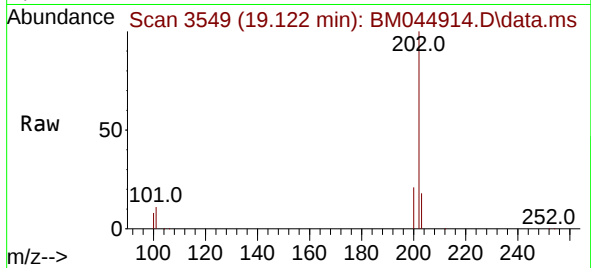
101 10.6 8.8 13.2

100 8.1 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024



#20

Pyrene

Concen: 39.693 ng/uI

RT: 19.489 min Scan# 3628

Delta R.T. -0.014 min

Lab File: BM044914.D

Acq: 04 Apr 2024 14:48

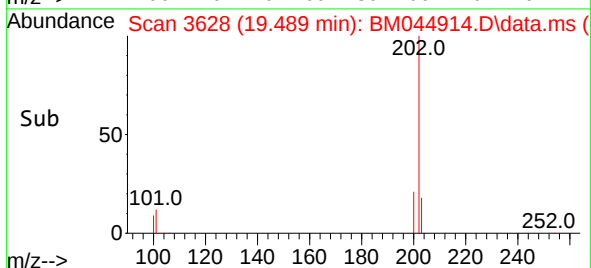
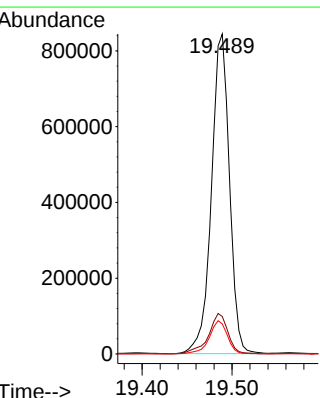
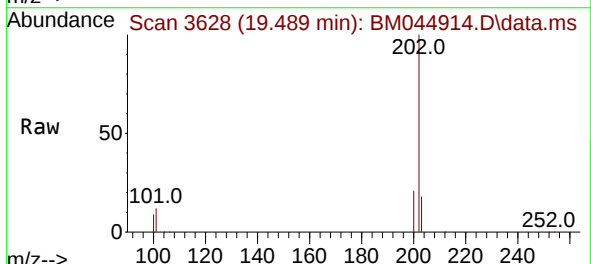
Tgt Ion:202 Resp: 1172072

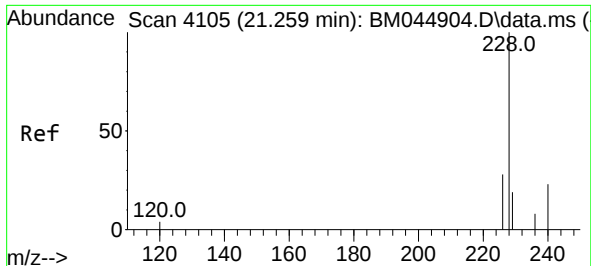
Ion Ratio Lower Upper

202 100

101 11.7 9.8 14.6

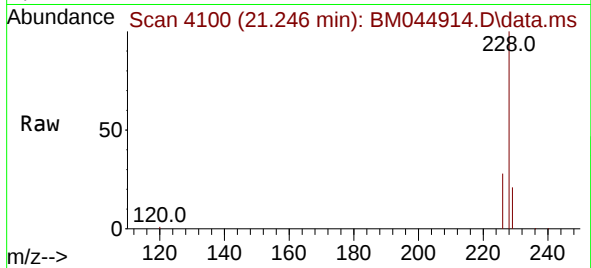
100 9.4 8.1 12.1





#21
Benzo(a)anthracene
Concen: 18.498 ng/ul
RT: 21.246 min Scan# 4110
Delta R.T. -0.015 min
Lab File: BM044914.D
Acq: 04 Apr 2024 14:48

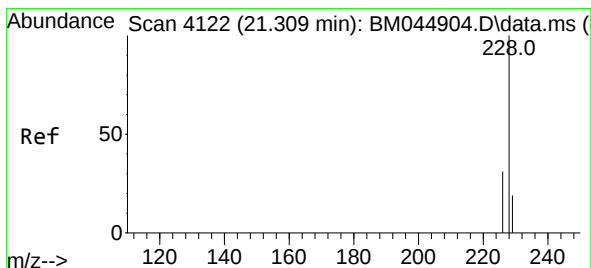
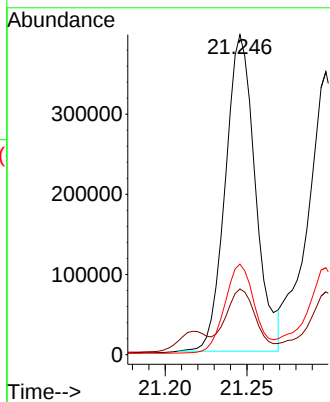
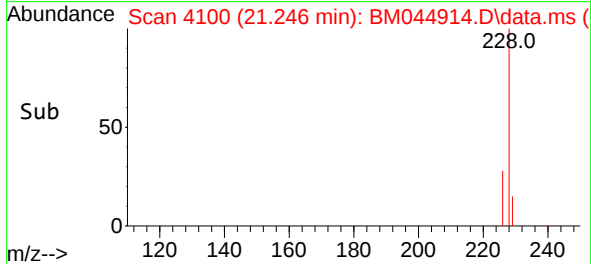
Instrument :
BNA_M
ClientSampleId :
EOLY5MS



Tgt Ion:228 Resp: 503885
Ion Ratio Lower Upper
228 100
229 20.6 16.4 24.6
226 28.3 22.3 33.5

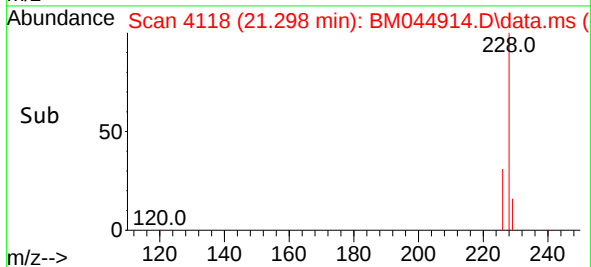
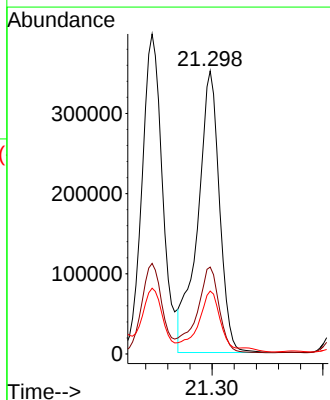
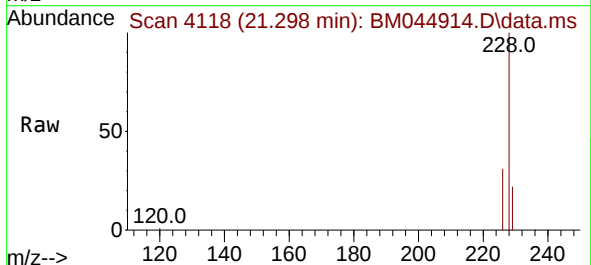
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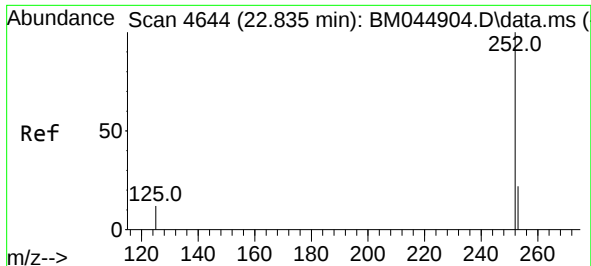
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024



#22
Chrysene
Concen: 14.127 ng/ul
RT: 21.298 min Scan# 4118
Delta R.T. -0.012 min
Lab File: BM044914.D
Acq: 04 Apr 2024 14:48

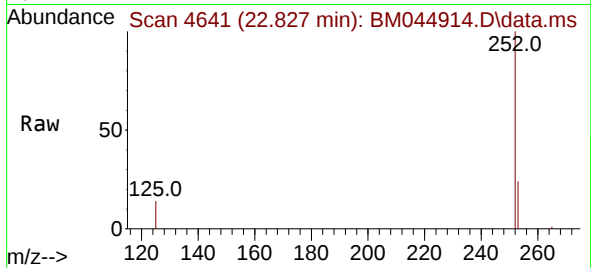
Tgt Ion:228 Resp: 480306
Ion Ratio Lower Upper
228 100
226 30.7 24.9 37.3
229 22.2 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 15.163 ng/ul
RT: 22.827 min Scan# 4641
Delta R.T. -0.009 min
Lab File: BM044914.D
Acq: 04 Apr 2024 14:48

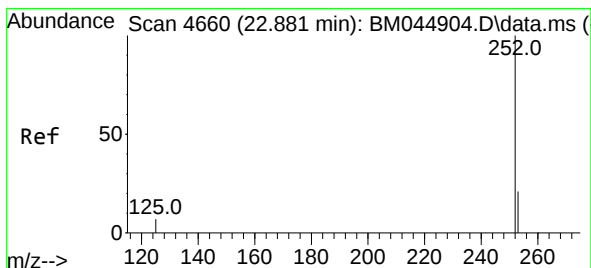
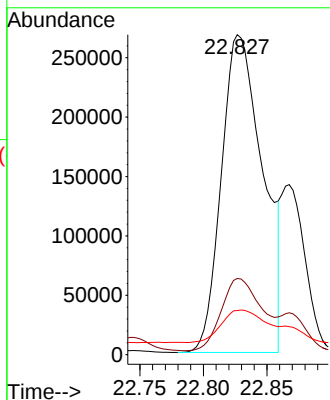
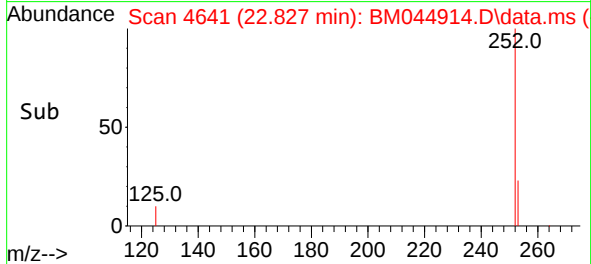
Instrument :
BNA_M
ClientSampleId :
E0LY5MS



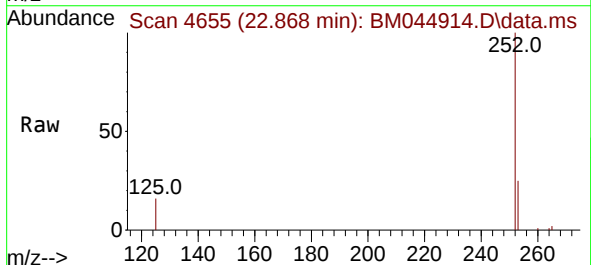
Tgt Ion:252 Resp: 60698
Ion Ratio Lower Upper
252 100
253 23.8 0.0 56.4
125 13.8 0.0 33.4

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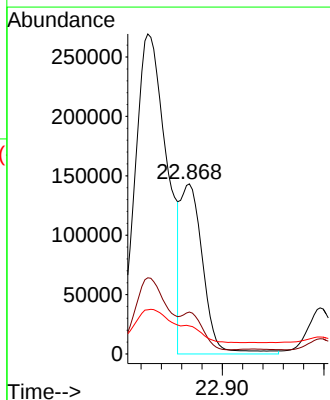
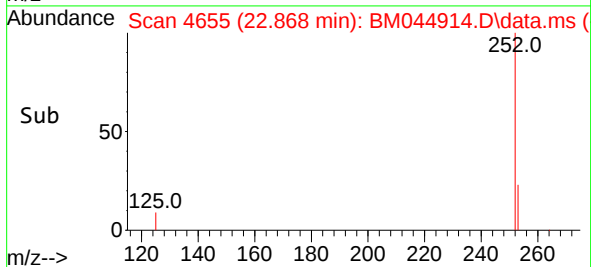
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024

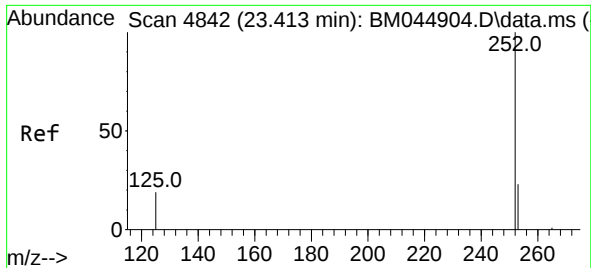


#25
Benzo(k)fluoranthene
Concen: 4.904 ng/ul m
RT: 22.868 min Scan# 4655
Delta R.T. -0.015 min
Lab File: BM044914.D
Acq: 04 Apr 2024 14:48



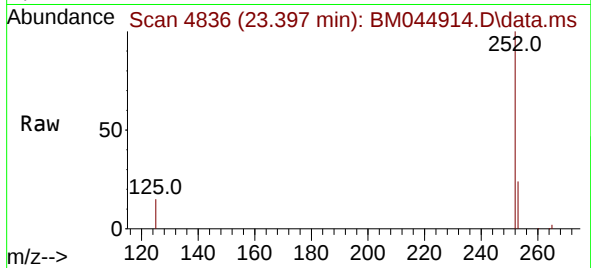
Tgt Ion:252 Resp: 219880
Ion Ratio Lower Upper
252 100
253 24.6 22.3 33.5
125 16.5 11.6 17.4





#26
Benzo(a)pyrene
Concen: 9.655 ng/ul
RT: 23.397 min Scan# 4836
Delta R.T. -0.017 min
Lab File: BM044914.D
Acq: 04 Apr 2024 14:48

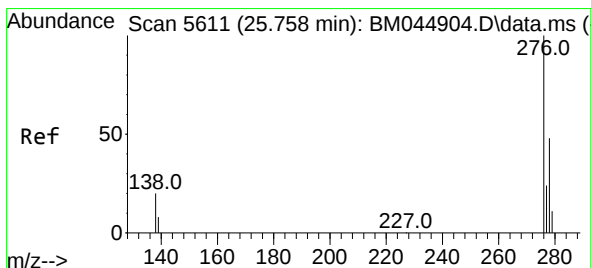
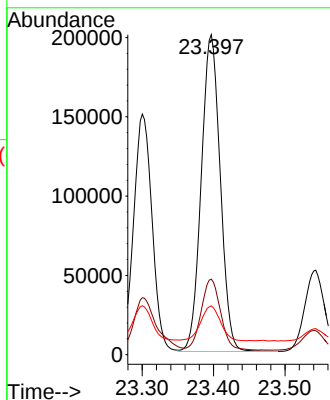
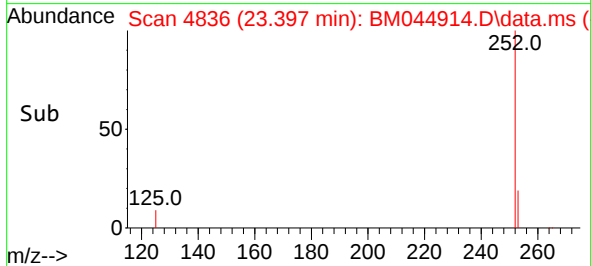
Instrument :
BNA_M
ClientSampleId :
EOLY5MS



Tgt Ion:252 Resp: 369027
Ion Ratio Lower Upper
252 100
253 23.6 24.6 37.0#
125 15.2 18.2 27.4#

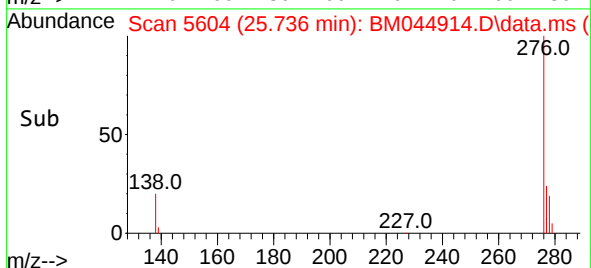
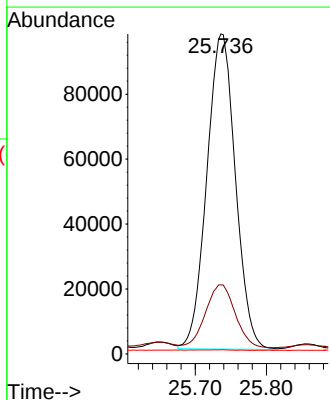
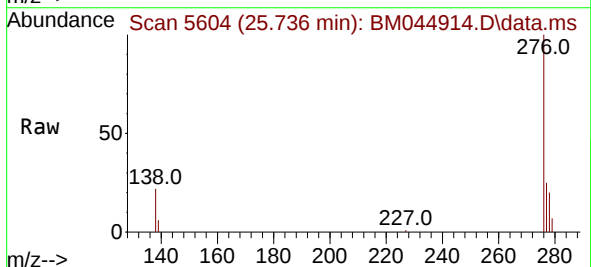
Manual Integrations
APPROVED

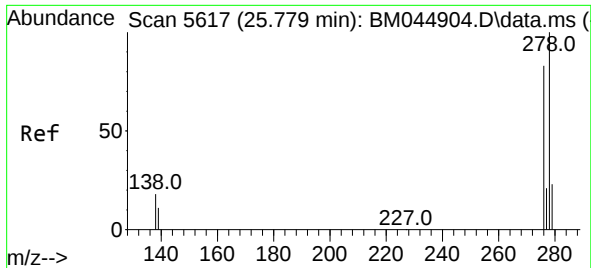
Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.172 ng/ul
RT: 25.736 min Scan# 5604
Delta R.T. -0.020 min
Lab File: BM044914.D
Acq: 04 Apr 2024 14:48

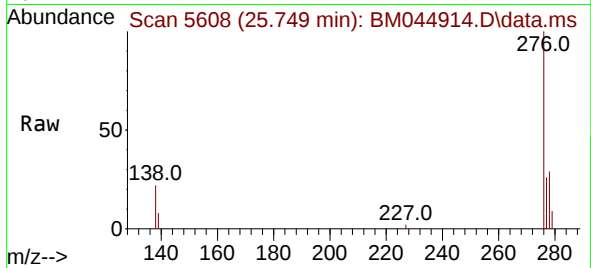
Tgt Ion:276 Resp: 270953
Ion Ratio Lower Upper
276 100
138 20.8 0.0 0.0#
227 0.1 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.718 ng/ul
RT: 25.749 min Scan# 5608
Delta R.T. -0.033 min
Lab File: BM044914.D
Acq: 04 Apr 2024 14:48

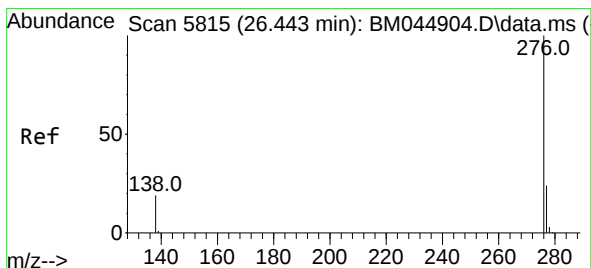
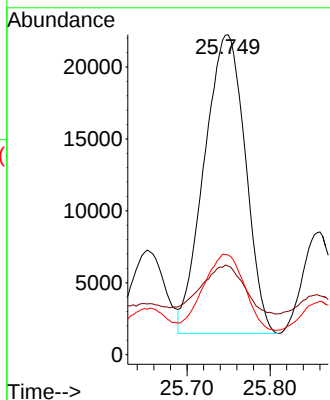
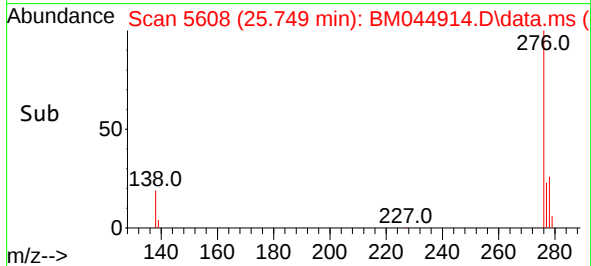
Instrument :
BNA_M
ClientSampleId :
EOLY5MS



Tgt Ion:278 Resp: 71290
Ion Ratio Lower Upper
278 100
139 27.7 13.6 20.4
279 31.1 23.0 34.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/04/2024
Supervised By :mohammad ahmed 04/06/2024



#29
Benzo(g,h,i)perylene
Concen: 5.294 ng/ul
RT: 26.427 min Scan# 5810
Delta R.T. -0.013 min
Lab File: BM044914.D
Acq: 04 Apr 2024 14:48

Tgt Ion:276 Resp: 239155
Ion Ratio Lower Upper
276 100
138 22.0 16.8 25.2
277 24.9 20.3 30.5

