

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046314.D
 Acq On : 26 Jun 2024 05:27
 Operator : MA/JU
 Sample : P2909-07MSD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B84MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 06:18:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 26 03:24:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.417	152	2111	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.183	136	6334	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.044	164	3771	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.787	188	8168	0.400	ng/ul	-0.05
17) Chrysene-d12	20.991	240	6523	0.400	ng/ul	-0.03
23) Perylene-d12	23.080	264	8901	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	1205	0.416	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.789	152	2323	0.273	ng/ul	-0.05
18) Fluoranthene-d10	18.821	212	6377	0.326	ng/ul	-0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.050	88	2807	0.864	ng/ul#	89
5) Naphthalene	10.233	128	21211	1.201	ng/ul	94
7) 2-Methylnaphthalene	11.860	142	10271	1.033	ng/ul	98
8) 1-Methylnaphthalene	12.069	142	9260	0.849	ng/ul	99
10) Acenaphthylene	13.767	152	13000	0.727	ng/ul	99
11) Acenaphthene	14.109	153	27677	2.143	ng/ul	97
12) Fluorene	15.104	166	40592	2.930	ng/ul	99
14) Pentachlorophenol	16.478	266	469	0.192	ng/ul	99
15) Phenanthrene	16.829	178	646466	28.171	ng/ul	96
16) Anthracene	16.922	178	131006	7.665	ng/ul	96
19) Fluoranthene	18.853	202	824059	29.177	ng/ul	95
20) Pyrene	19.216	202	522238	17.098	ng/ul	95
21) Benzo(a)anthracene	20.973	228	339052	13.457	ng/ul	99
22) Chrysene	21.026	228	306879	9.544	ng/ul	99
24) Benzo(b)fluoranthene	22.466	252	395049m	12.319	ng/ul	
25) Benzo(k)fluoranthene	22.501	252	150136m	3.938	ng/ul	
26) Benzo(a)pyrene	22.990	252	140071m	4.714	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.115	276	128653	2.645	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.121	278	59951	1.656	ng/ul	92
29) Benzo(g,h,i)perylene	25.735	276	17577	0.421	ng/ul	96

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

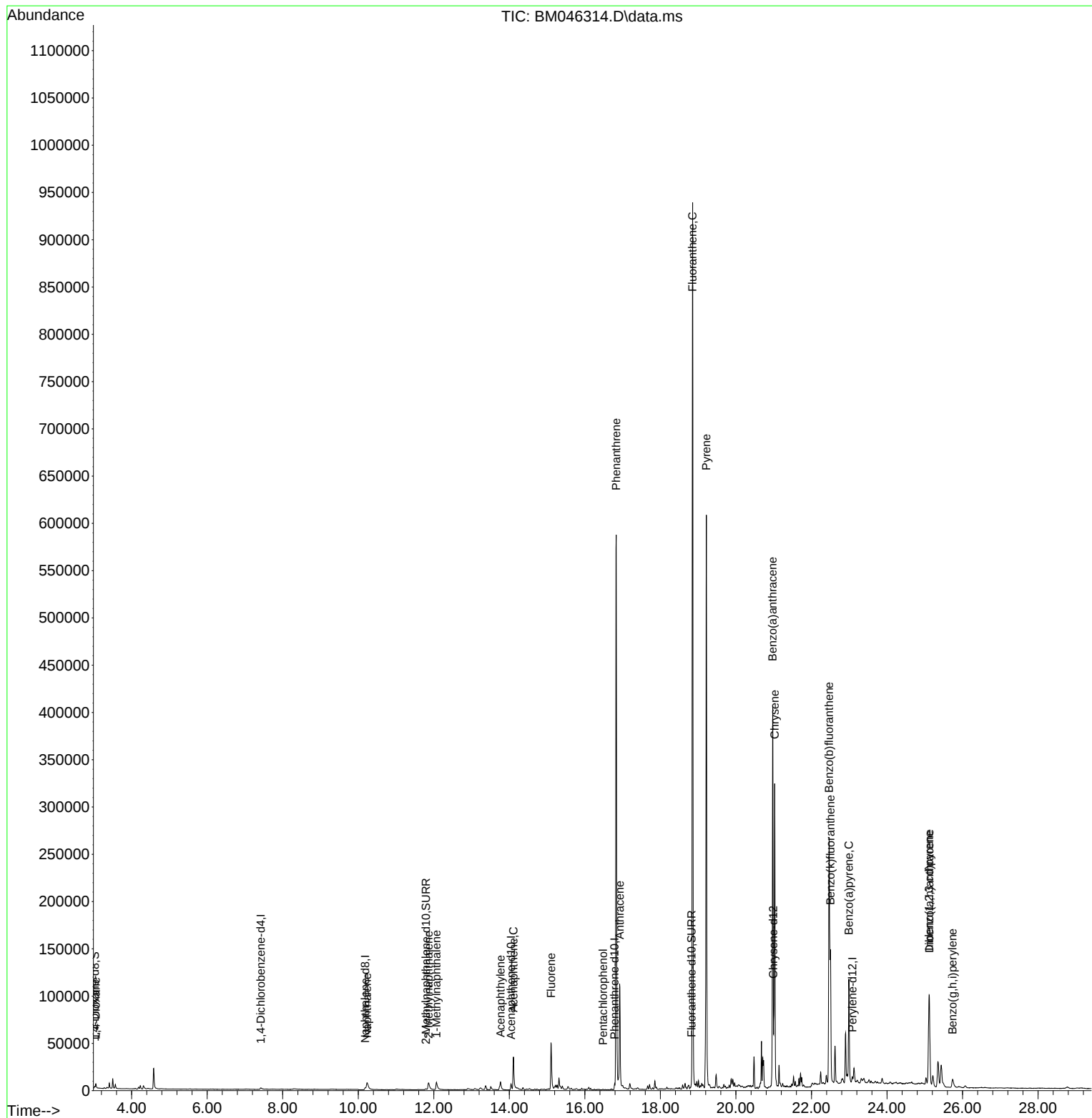
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046314.D
Acq On : 26 Jun 2024 05:27
Operator : MA/JU
Sample : P2909-07MSD
Misc :
ALS Vial : 75 Sample Multiplier: 1

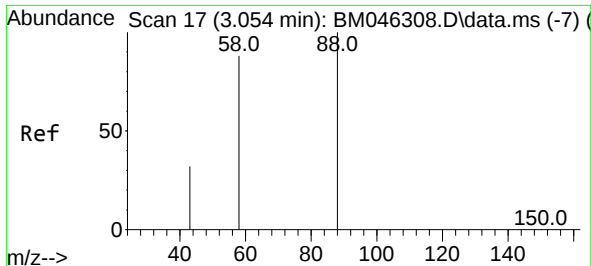
Instrument :
BNA_M
ClientSampleId :
A4B84MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

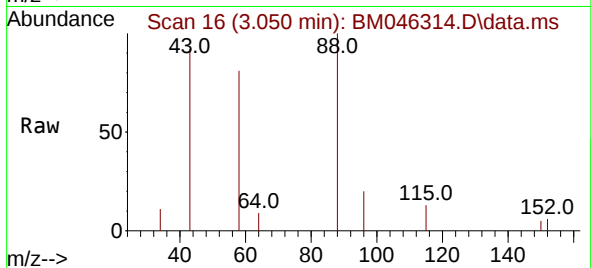
Quant Time: Jun 26 06:18:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 03:24:28 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.864 ng/ul
RT: 3.050 min Scan# 1109
Delta R.T. -0.004 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27

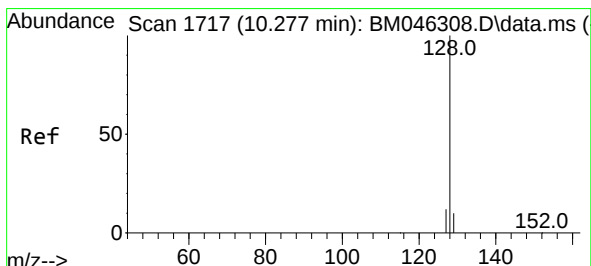
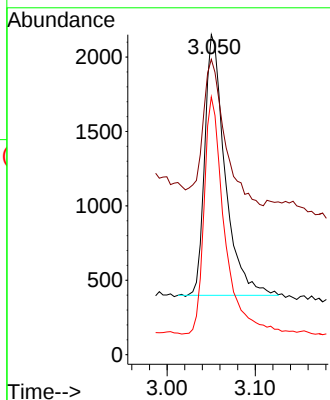
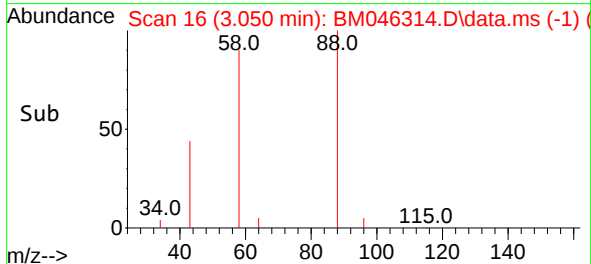
Instrument :
BNA_M
ClientSampleId :
A4B84MSD



Tgt Ion: 88 Resp: 280
Ion Ratio Lower Upper
88 100
43 92.3 69.8 104.8
58 80.6 53.2 79.8

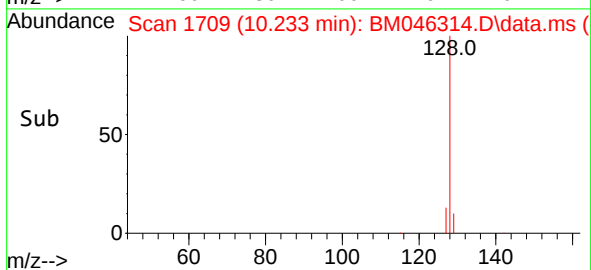
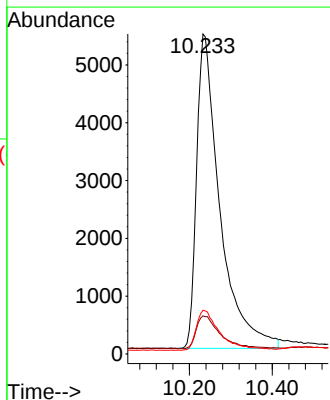
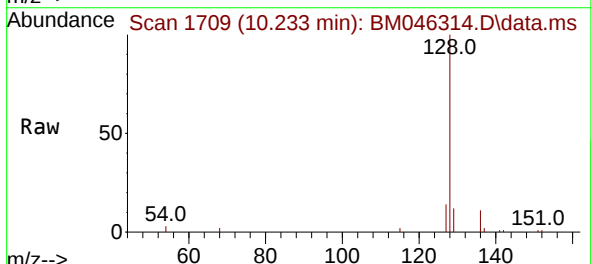
Manual Integrations
APPROVED

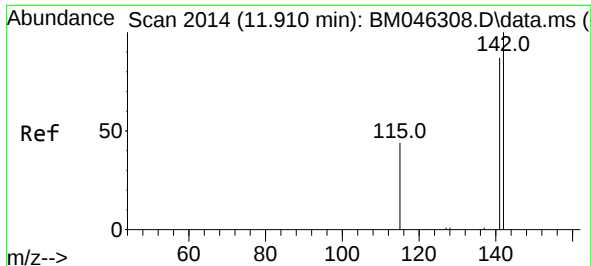
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#5
Naphthalene
Concen: 1.201 ng/ul
RT: 10.233 min Scan# 1709
Delta R.T. -0.044 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27

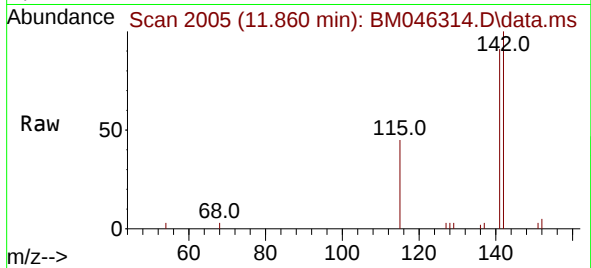
Tgt Ion:128 Resp: 21211
Ion Ratio Lower Upper
128 100
129 11.9 11.8 17.6
127 13.7 12.8 19.2





#7
2-Methylnaphthalene
Concen: 1.033 ng/ul
RT: 11.860 min Scan# 2005
Delta R.T. -0.049 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27

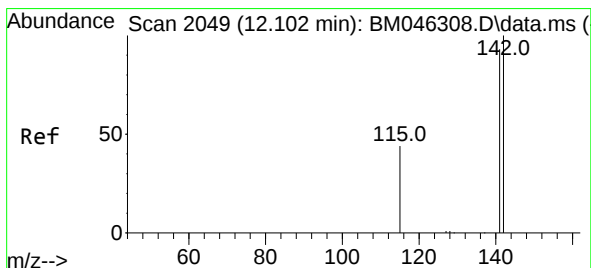
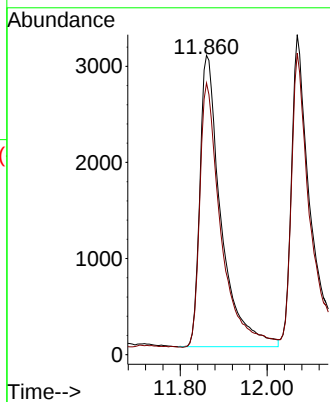
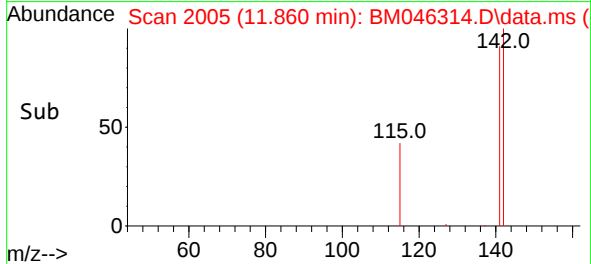
Instrument :
BNA_M
ClientSampleId :
A4B84MSD



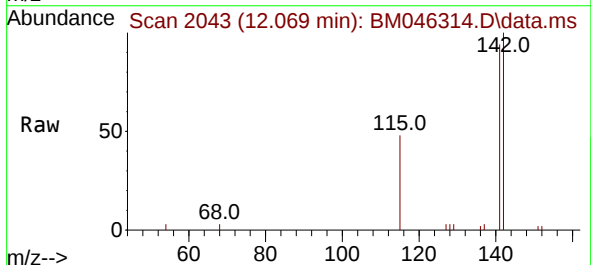
Tgt Ion:142 Resp: 1027
Ion Ratio Lower Upper
142 100
141 91.3 74.6 111.8

Manual Integrations
APPROVED

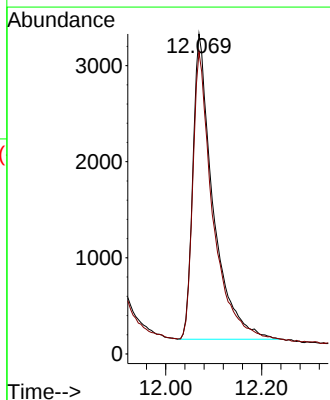
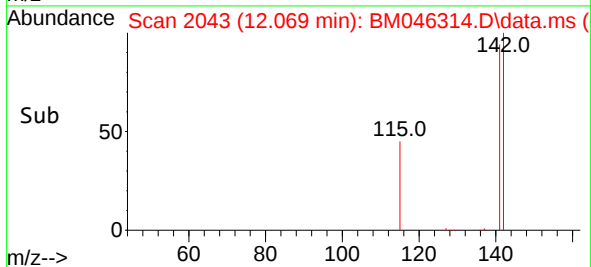
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

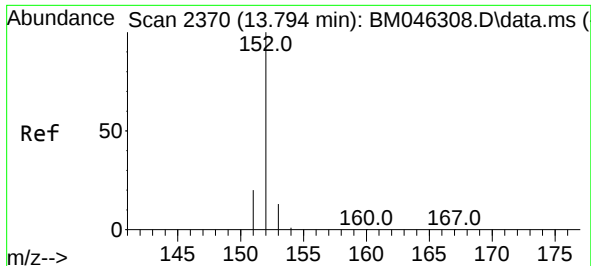


#8
1-Methylnaphthalene
Concen: 0.849 ng/ul
RT: 12.069 min Scan# 2043
Delta R.T. -0.033 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27



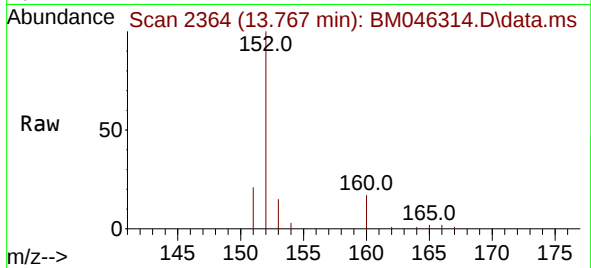
Tgt Ion:142 Resp: 9260
Ion Ratio Lower Upper
142 100
141 92.6 75.2 112.8





#10
Acenaphthylene
Concen: 0.727 ng/ul
RT: 13.767 min Scan# 21
Delta R.T. -0.028 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27

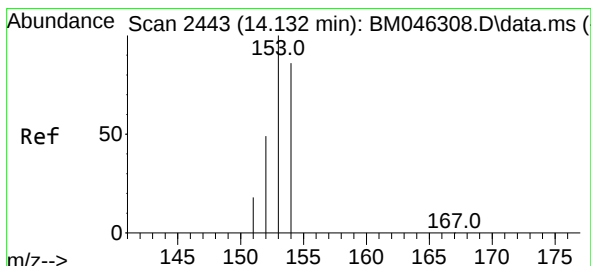
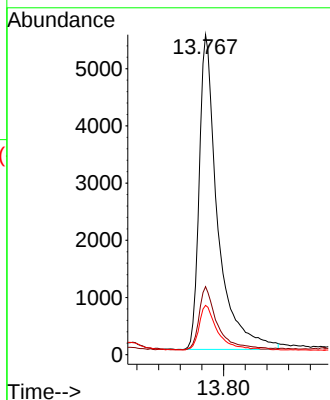
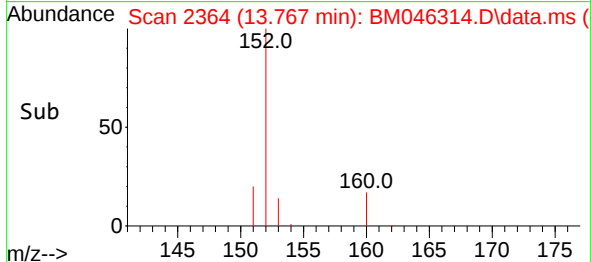
Instrument :
BNA_M
ClientSampleId :
A4B84MSD



Tgt Ion:152 Resp: 13000
Ion Ratio Lower Upper
152 100
151 21.3 17.4 26.2
153 15.4 11.8 17.8

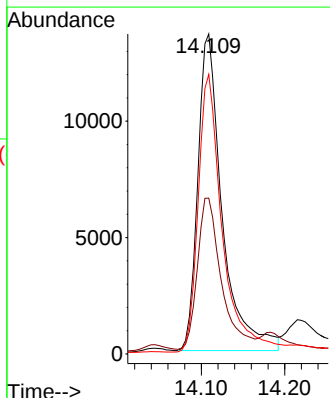
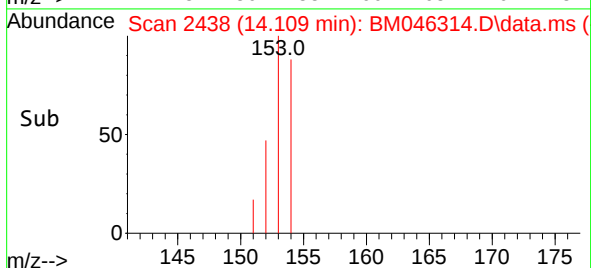
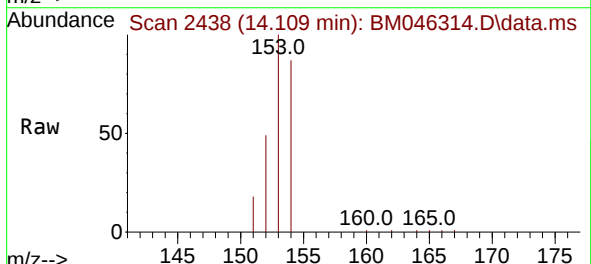
Manual Integrations
APPROVED

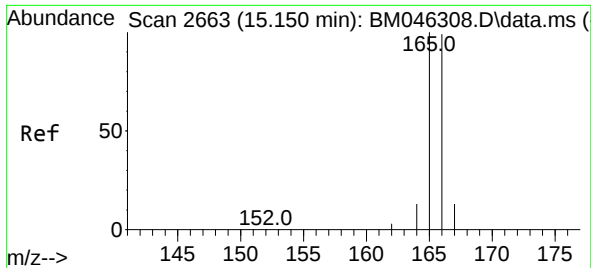
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#11
Acenaphthene
Concen: 2.143 ng/ul
RT: 14.109 min Scan# 2438
Delta R.T. -0.023 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27

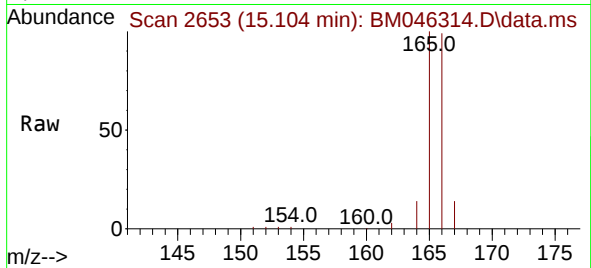
Tgt Ion:153 Resp: 27677
Ion Ratio Lower Upper
153 100
152 48.7 41.3 61.9
154 87.4 68.2 102.4





#12
Fluorene
Concen: 2.930 ng/ul
RT: 15.104 min Scan# 2059
Delta R.T. -0.046 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27

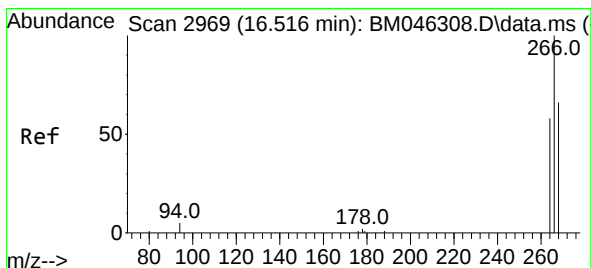
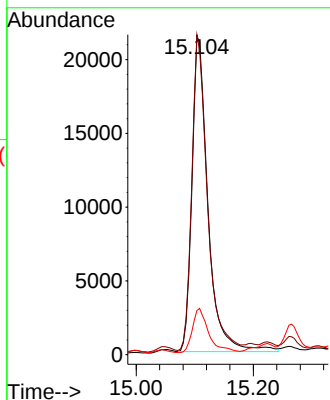
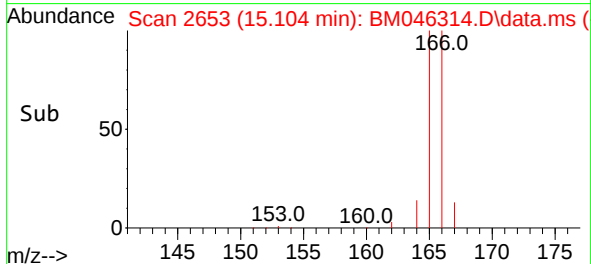
Instrument :
BNA_M
ClientSampleId :
A4B84MSD



Tgt Ion:166 Resp: 40592
Ion Ratio Lower Upper
166 100
165 100.5 80.4 120.6
167 13.9 12.4 18.6

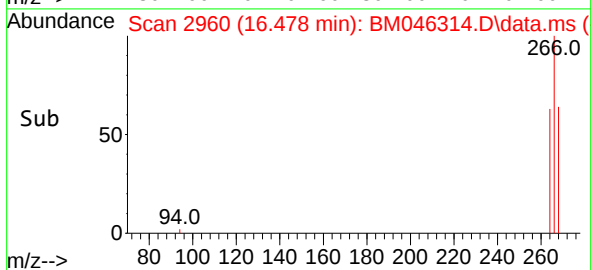
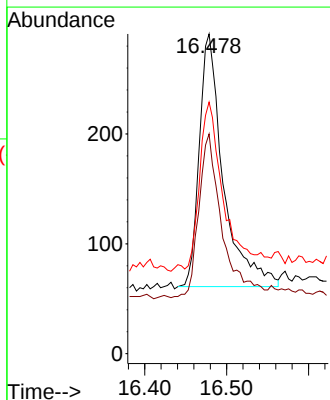
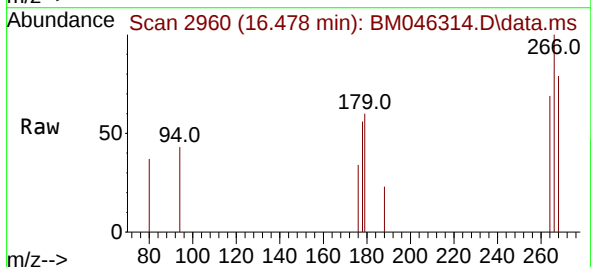
Manual Integrations
APPROVED

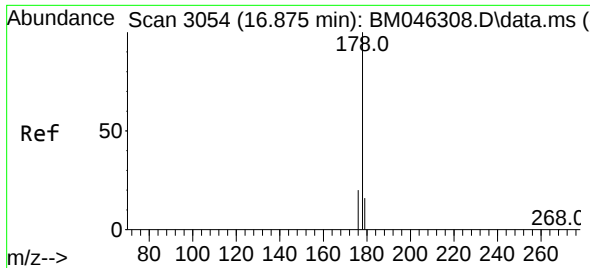
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#14
Pentachlorophenol
Concen: 0.192 ng/ul
RT: 16.478 min Scan# 2960
Delta R.T. -0.038 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27

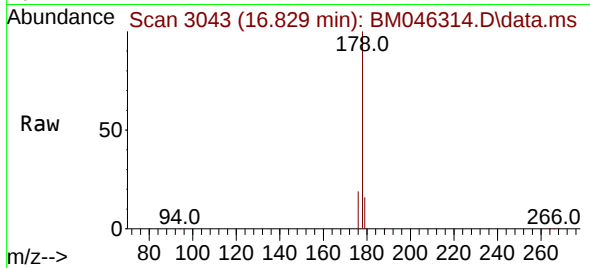
Tgt Ion:266 Resp: 469
Ion Ratio Lower Upper
266 100
264 63.1 50.9 76.3
268 66.1 52.3 78.5





#15
Phenanthrene
Concen: 28.171 ng/u1
RT: 16.829 min Scan# 3043
Delta R.T. -0.046 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27

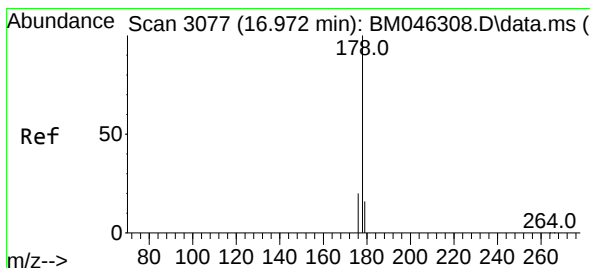
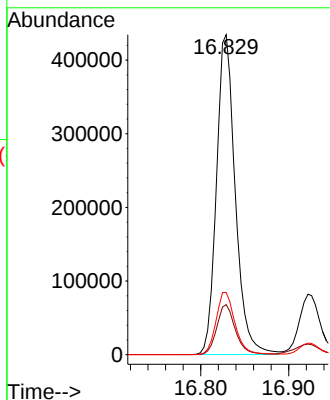
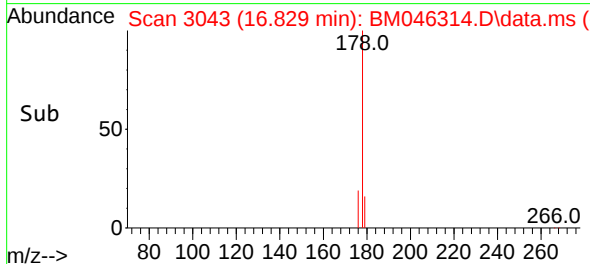
Instrument :
BNA_M
ClientSampleId :
A4B84MSD



Tgt Ion:178 Resp: 646460
Ion Ratio Lower Upper
178 100
179 15.6 14.2 21.2
176 19.4 17.1 25.7

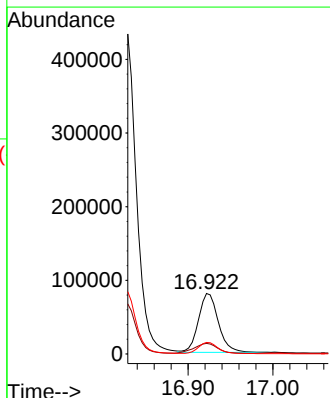
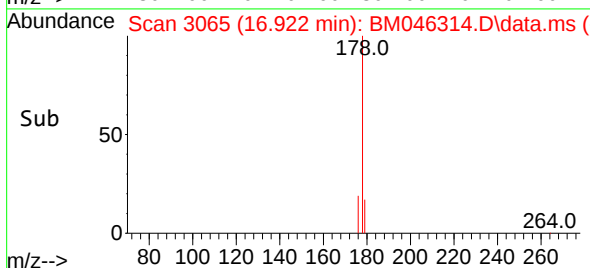
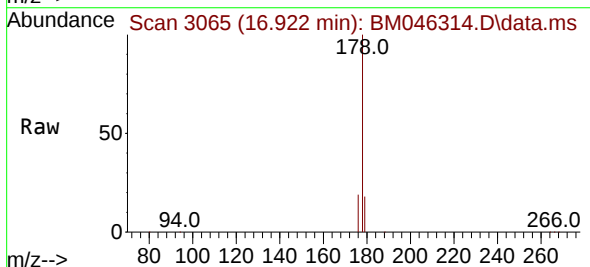
Manual Integrations
APPROVED

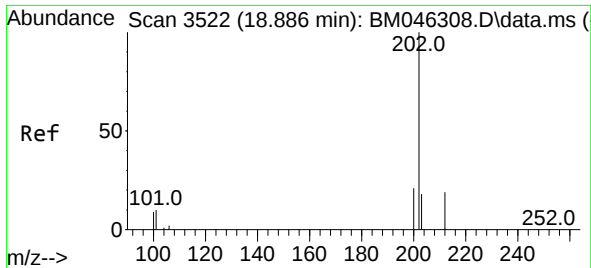
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#16
Anthracene
Concen: 7.665 ng/u1
RT: 16.922 min Scan# 3065
Delta R.T. -0.051 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27

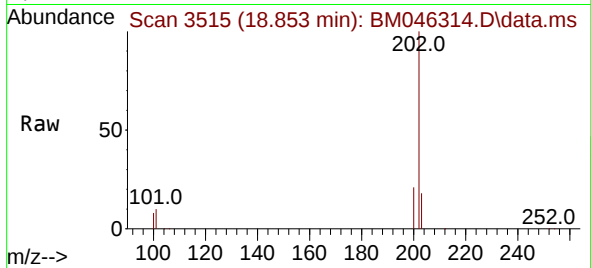
Tgt Ion:178 Resp: 131006
Ion Ratio Lower Upper
178 100
179 17.5 14.9 22.3
176 19.0 17.0 25.4





#19
Fluoranthene
Concen: 29.177 ng/u1
RT: 18.853 min Scan# 3515
Delta R.T. -0.032 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27

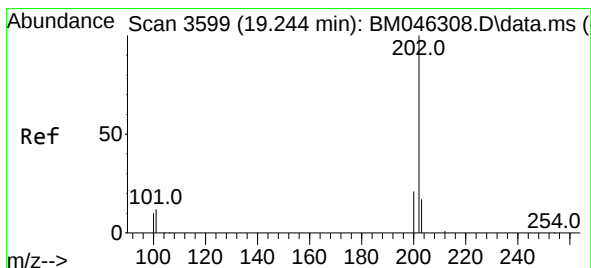
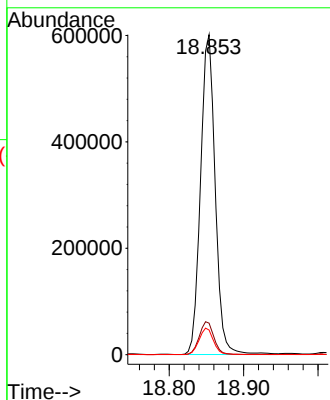
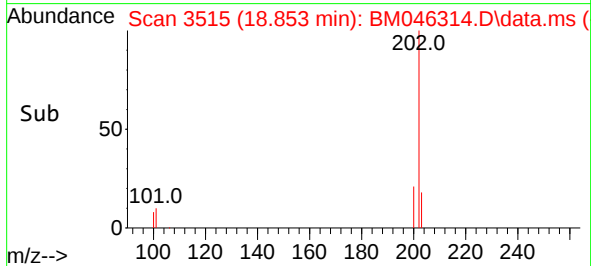
Instrument :
BNA_M
ClientSampleId :
A4B84MSD



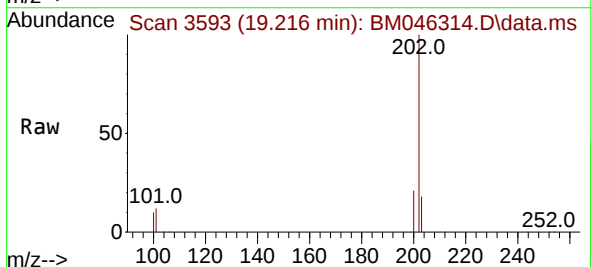
Tgt Ion:202 Resp: 824059
Ion Ratio Lower Upper
202 100
101 9.8 9.6 14.4
100 7.7 7.6 11.4

Manual Integrations
APPROVED

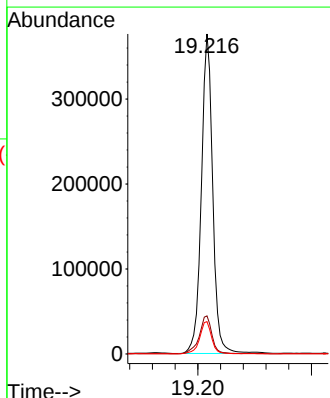
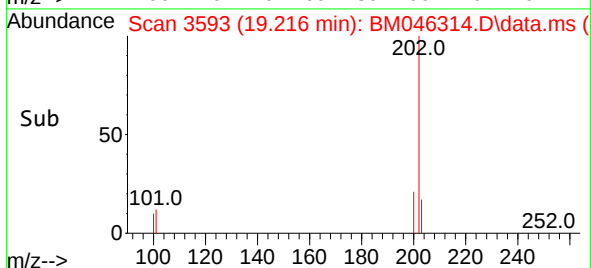
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

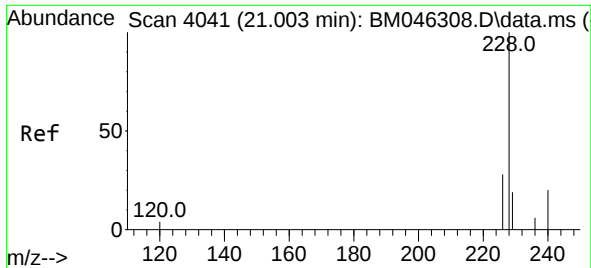


#20
Pyrene
Concen: 17.098 ng/u1
RT: 19.216 min Scan# 3593
Delta R.T. -0.028 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27



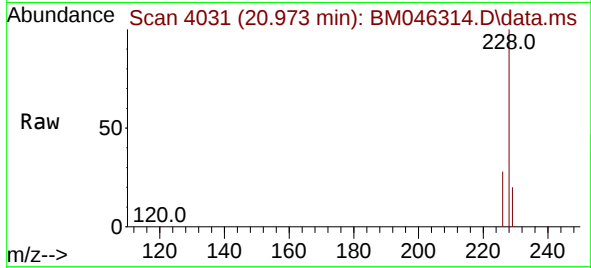
Tgt Ion:202 Resp: 522238
Ion Ratio Lower Upper
202 100
101 11.9 11.3 16.9
100 10.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 13.457 ng/ul
RT: 20.973 min Scan# 4040
Delta R.T. -0.029 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27

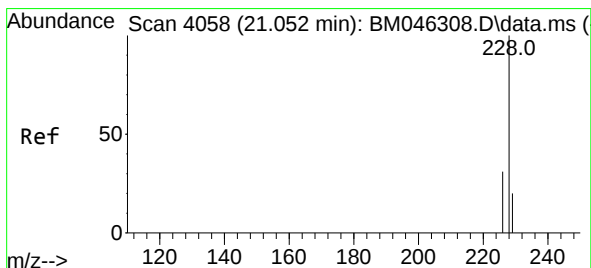
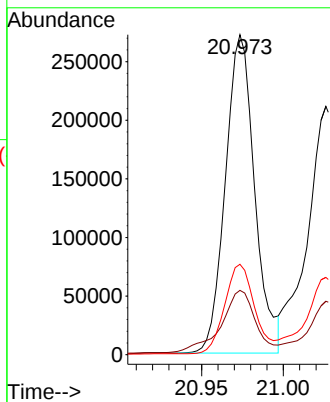
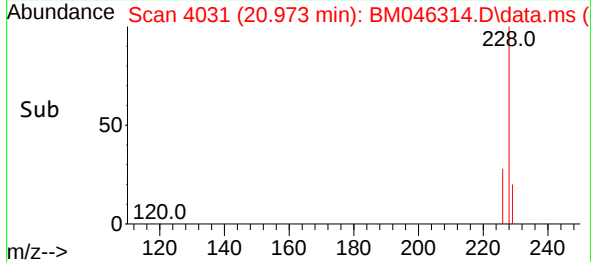
Instrument :
BNA_M
ClientSampleId :
A4B84MSD



Tgt Ion:228 Resp: 339052
Ion Ratio Lower Upper
228 100
229 20.1 16.4 24.6
226 28.3 23.4 35.2

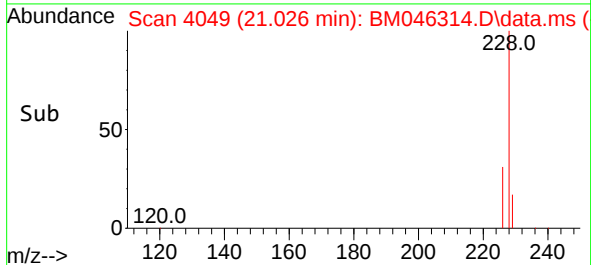
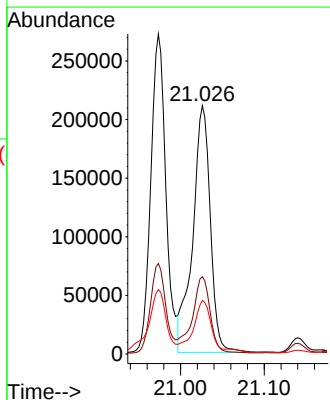
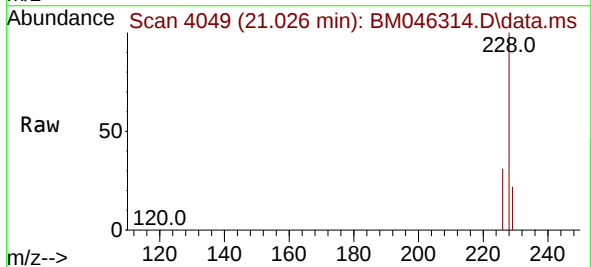
Manual Integrations
APPROVED

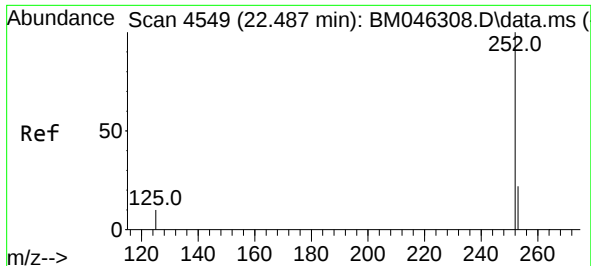
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#22
Chrysene
Concen: 9.544 ng/ul
RT: 21.026 min Scan# 4049
Delta R.T. -0.026 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27

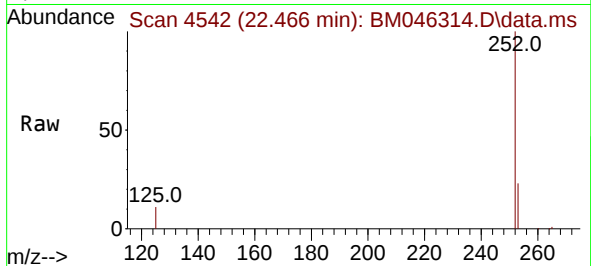
Tgt Ion:228 Resp: 306879
Ion Ratio Lower Upper
228 100
226 31.1 25.2 37.8
229 21.5 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 12.319 ng/ul m
RT: 22.466 min Scan# 4542
Delta R.T. -0.020 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27

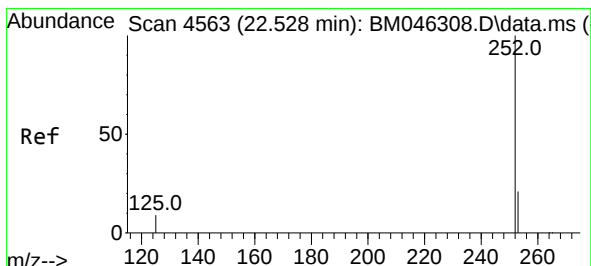
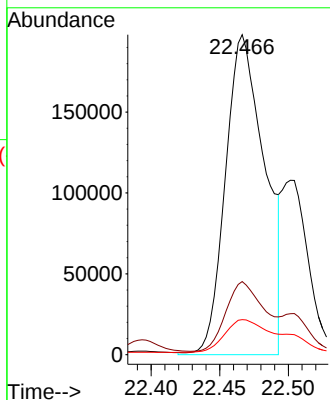
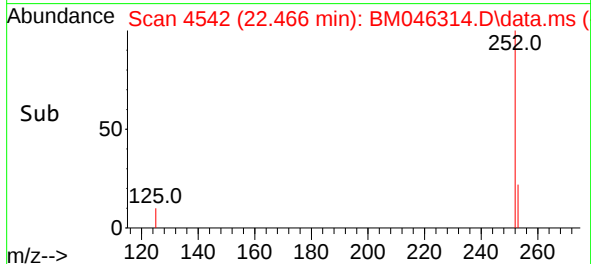
Instrument :
BNA_M
ClientSampleId :
A4B84MSD



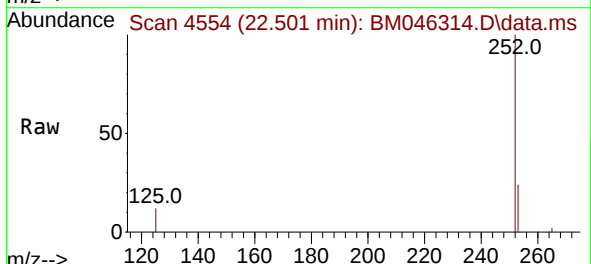
Tgt Ion:252 Resp: 395049
Ion Ratio Lower Upper
252 100
253 22.9 0.0 65.8
125 11.0 0.0 40.2

Manual Integrations
APPROVED

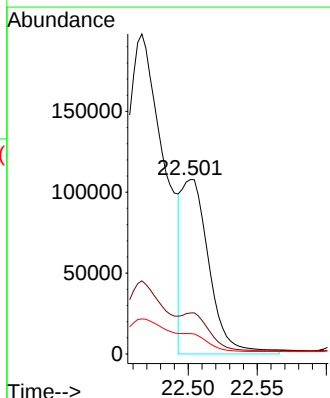
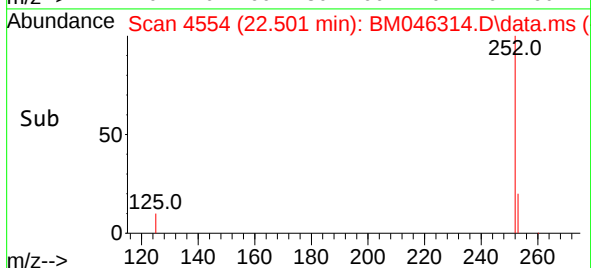
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

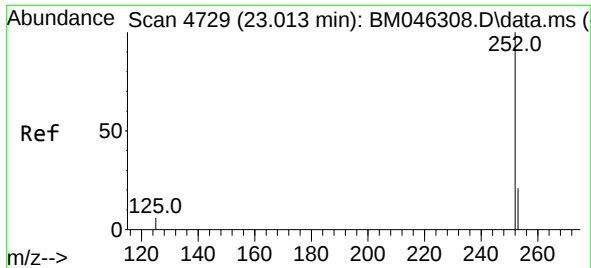


#25
Benzo(k)fluoranthene
Concen: 3.938 ng/ul m
RT: 22.501 min Scan# 4554
Delta R.T. -0.026 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27



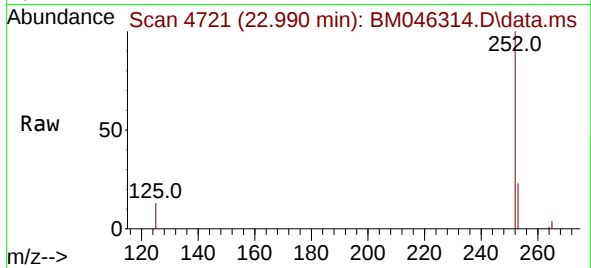
Tgt Ion:252 Resp: 150136
Ion Ratio Lower Upper
252 100
253 23.5 27.2 40.8#
125 11.7 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 4.714 ng/ul m
RT: 22.990 min Scan# 4
Delta R.T. -0.023 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27

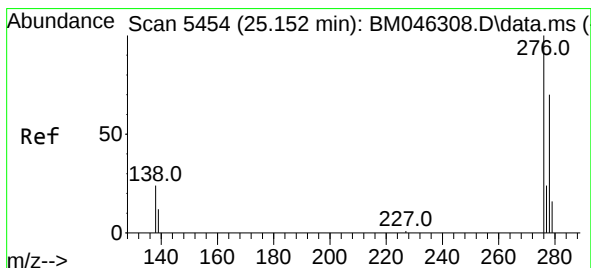
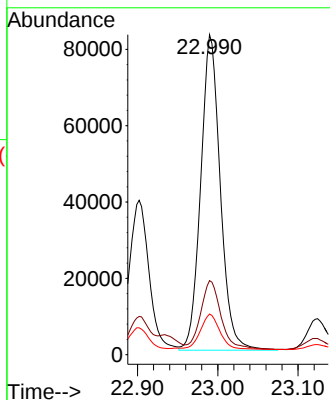
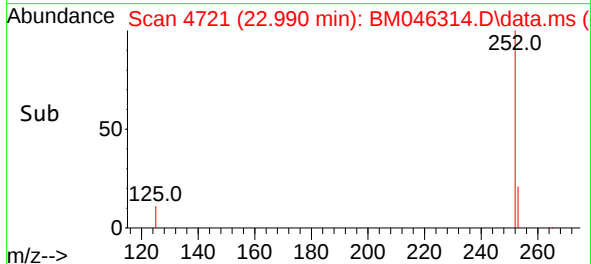
Instrument :
BNA_M
ClientSampleId :
A4B84MSD



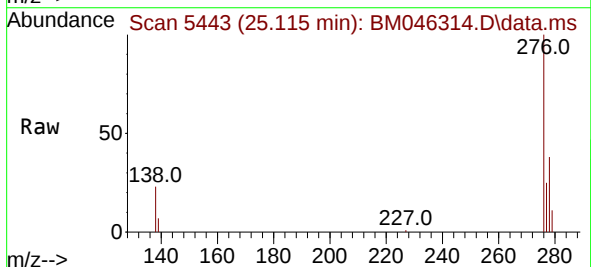
Tgt Ion:252 Resp: 14007
Ion Ratio Lower Upper
252 100
253 23.2 32.1 48.1
125 12.7 21.2 31.8

Manual Integrations
APPROVED

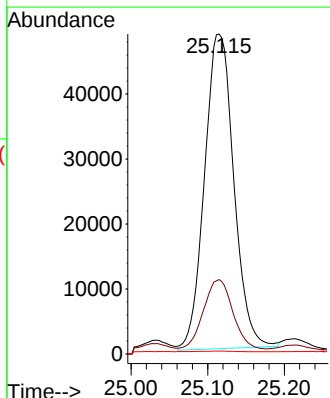
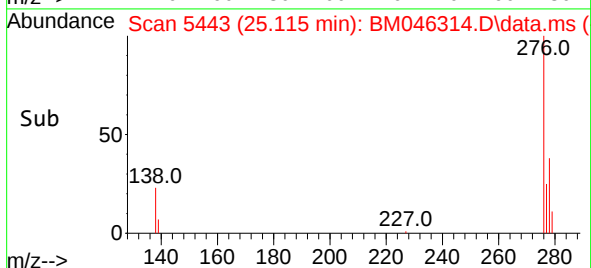
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

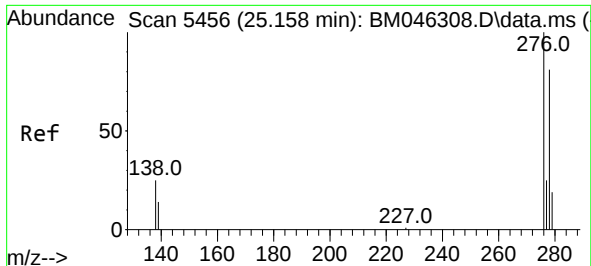


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.645 ng/ul
RT: 25.115 min Scan# 5443
Delta R.T. -0.037 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27



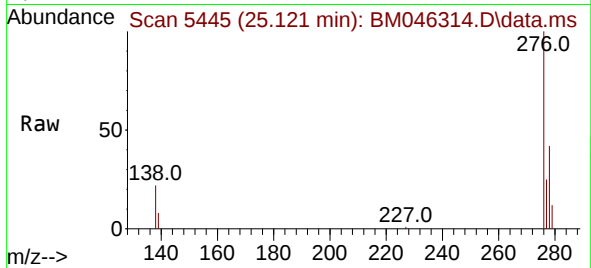
Tgt Ion:276 Resp: 128653
Ion Ratio Lower Upper
276 100
138 24.9 21.0 31.4
227 5.4 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.656 ng/ul
RT: 25.121 min Scan# 5456
Delta R.T. -0.037 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27

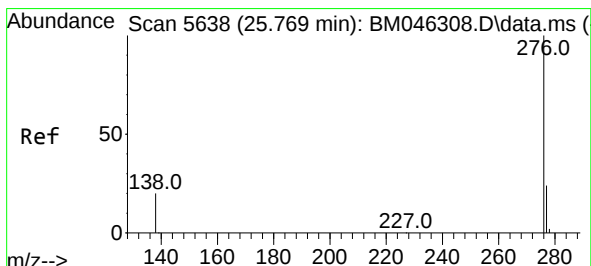
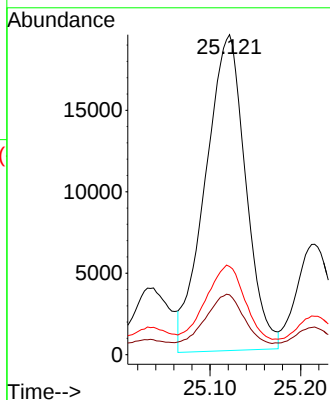
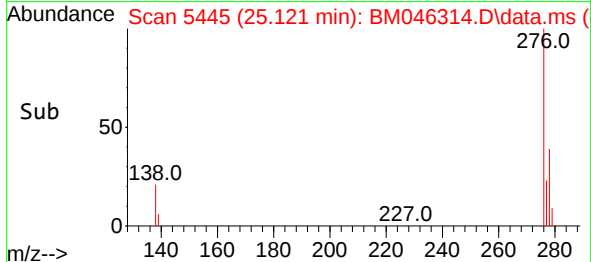
Instrument :
BNA_M
ClientSampleId :
A4B84MSD



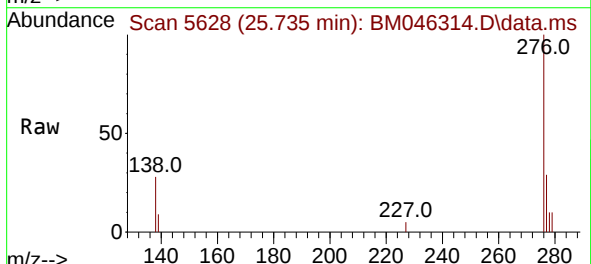
Tgt Ion:278 Resp: 5995
Ion Ratio Lower Upper
278 100
139 18.7 17.6 26.4
279 27.6 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.421 ng/ul
RT: 25.735 min Scan# 5628
Delta R.T. -0.033 min
Lab File: BM046314.D
Acq: 26 Jun 2024 05:27



Tgt Ion:276 Resp: 17577
Ion Ratio Lower Upper
276 100
138 27.8 21.7 32.5
277 28.8 20.4 30.6

