

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
 Data File : BM048018.D
 Acq On : 11 Oct 2024 19:55
 Operator : RC/JU
 Sample : P4237-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EN7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 12 00:47:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	215283	20.000	ng/u1	0.00
20) Naphthalene-d8	10.574	136	865888	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.415	164	531265	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.156	188	1136848	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1037877	20.000	ng/u1	0.00
88) Perylene-d12	24.368	264	1229868	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	12483	1.874	ng/uL	0.00
4) Pyridine-d5	3.669	84	11729	0.601	ng/u1	0.01
7) Phenol-d5	6.957	99	205386	10.089	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	125079	8.659	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	174978	11.814	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	139780	9.235	ng/u1	0.00
21) Nitrobenzene-d5	8.939	128	80633	11.696	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	86195	13.047	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	154934	11.739	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	55608m	2.725	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	451826	11.731	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	553979	12.131	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	50498	6.585	ng/u1	0.00
60) Fluorene-d10	15.409	176	432390	12.960	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	29850	4.487	ng/u1	0.00
73) Anthracene-d10	17.256	188	691793	12.376	ng/u1	0.00
81) Pyrene-d10	19.544	212	758017	12.869	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.168	264	579352	9.079	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.604	105	41731	1.611	ng/u1	87
50) Acenaphthylene	14.139	152	67004	1.301	ng/u1	97
52) Acenaphthene	14.480	153	40734	1.119	ng/u1	98
61) Fluorene	15.462	166	45358	1.109	ng/u1	99
72) Phenanthrene	17.198	178	896786	13.451	ng/u1	99
74) Anthracene	17.286	178	209033	3.074	ng/u1	99
77) Carbazole	17.556	167	95116	1.543	ng/u1	100
80) Fluoranthene	19.209	202	1802330	25.980	ng/u1	100
82) Pyrene	19.574	202	1344543	17.413	ng/u1	97
85) Benzo(a)anthracene	21.362	228	816696	11.239	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	298659	7.287	ng/u1#	98
87) Chrysene	21.427	228	833793	11.769	ng/u1	98
90) Benzo(b)fluoranthene	23.432	252	1151201	15.010	ng/u1	97
91) Benzo(k)fluoranthene	23.485	252	437044m	5.573	ng/u1	
93) Benzo(a)pyrene	24.227	252	461109	6.330	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.738	276	441939	4.734	ng/u1	97
95) Dibenzo(a,h)anthracene	27.785	278	159117m	2.080	ng/u1	

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

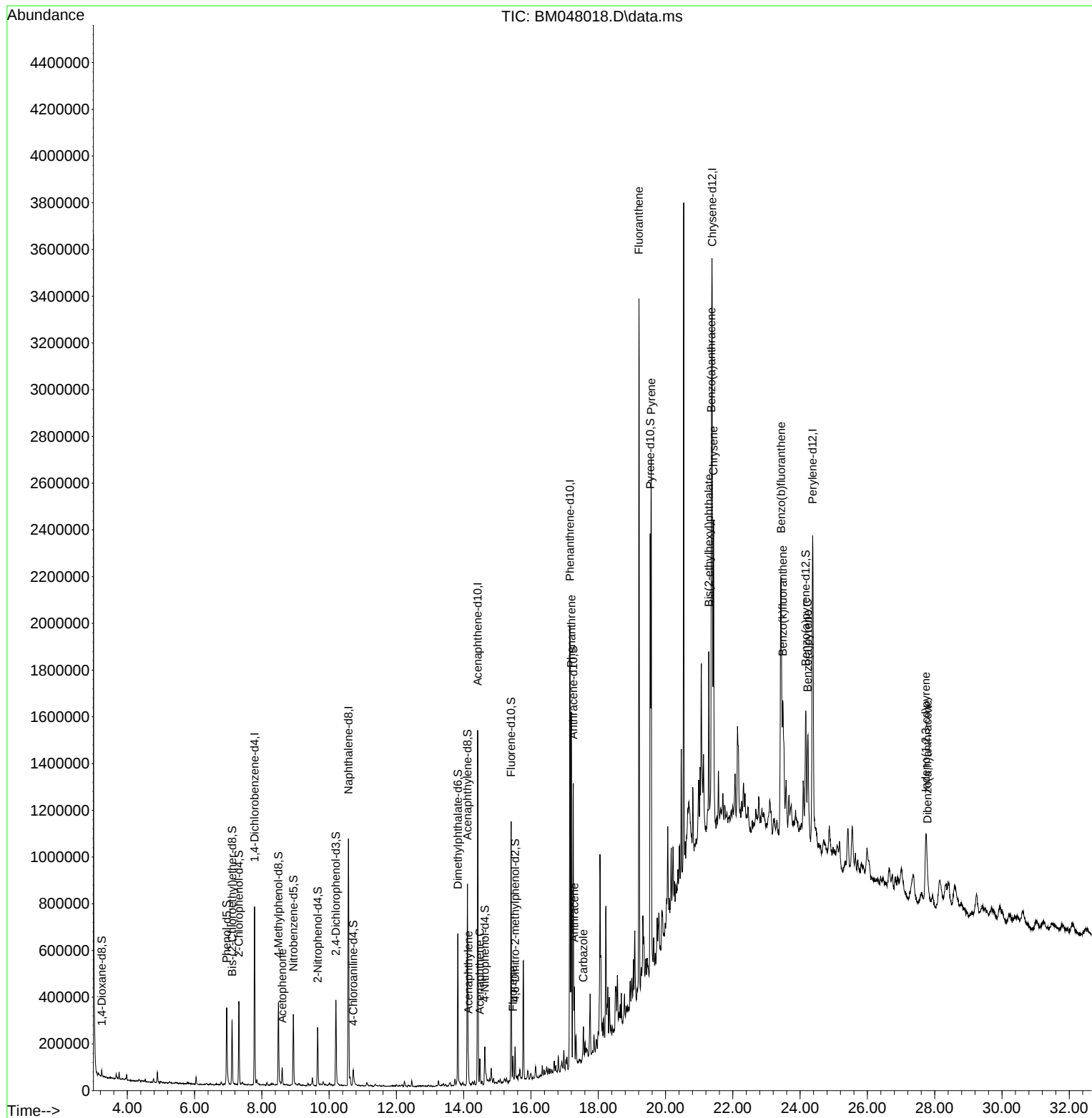
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
 Data File : BM048018.D
 Acq On : 11 Oct 2024 19:55
 Operator : RC/JU
 Sample : P4237-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

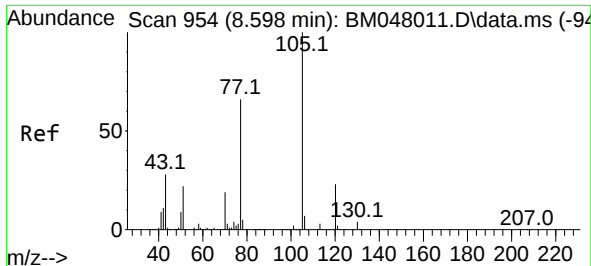
Instrument :
 BNA_M
 ClientSampleId :
 A4EN7

Quant Time: Oct 12 00:47:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

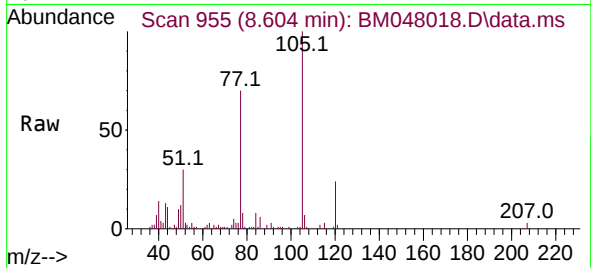
Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024





#16
Acetophenone
Concen: 1.611 ng/ul
RT: 8.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

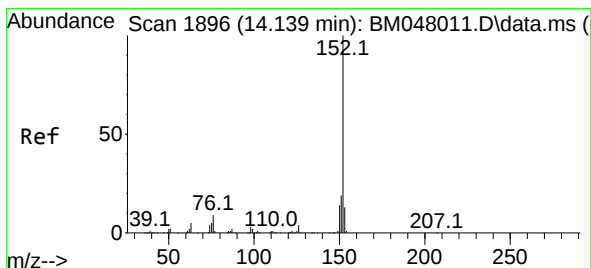
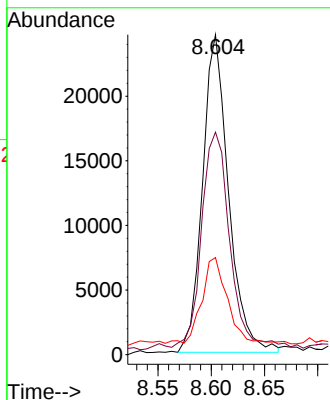
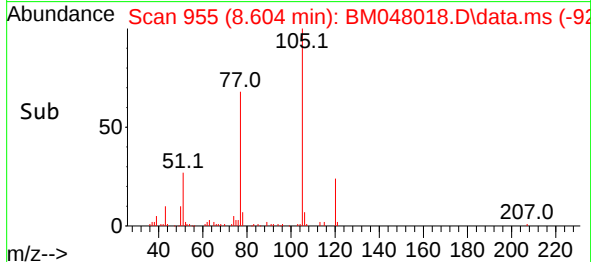
Instrument :
BNA_M
ClientSampleId :
A4EN7



Tgt Ion:105 Resp: 4173
Ion Ratio Lower Upper
105 100
77 69.6 66.6 100.0
51 30.4 27.0 40.4

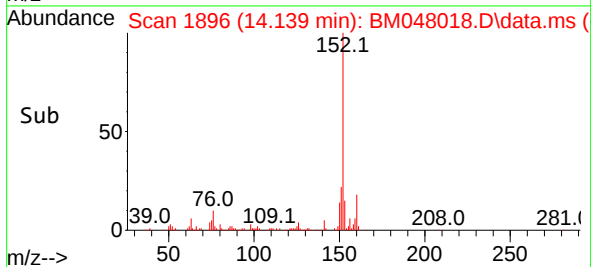
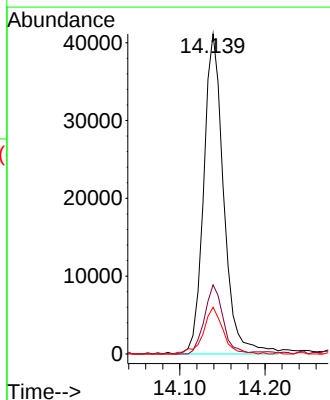
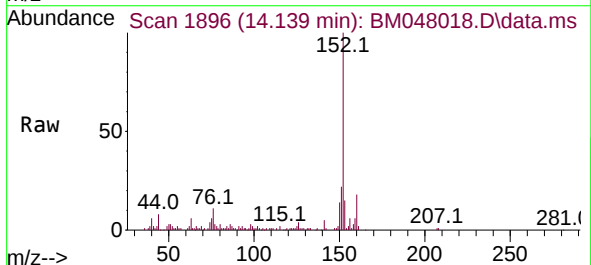
Manual Integrations
APPROVED

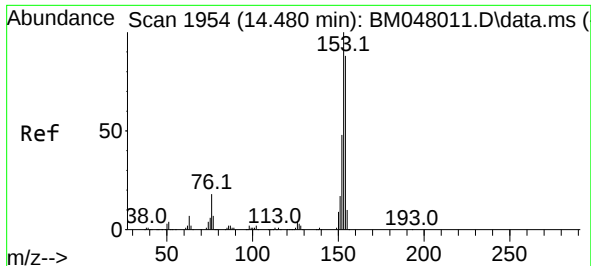
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#50
Acenaphthylene
Concen: 1.301 ng/ul
RT: 14.139 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

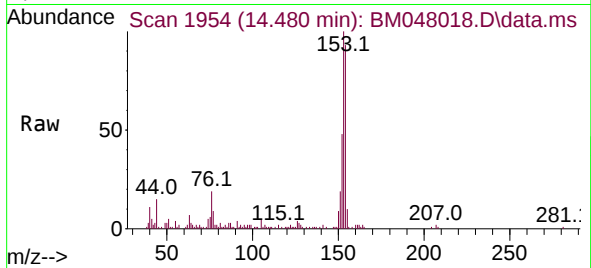
Tgt Ion:152 Resp: 67004
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.2
153 14.6 10.7 16.1





#52
Acenaphthene
Concen: 1.119 ng/ul
RT: 14.480 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

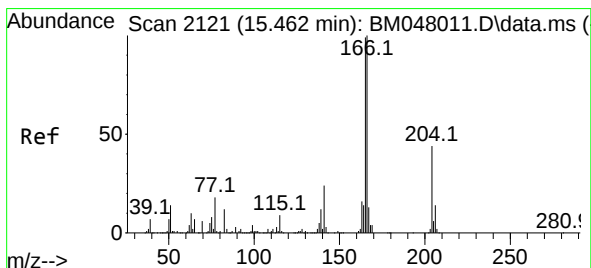
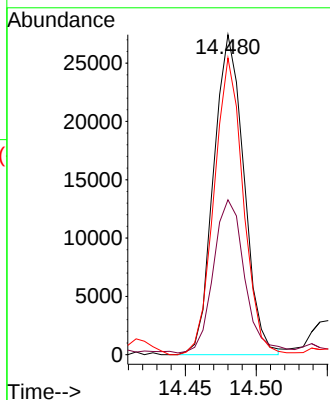
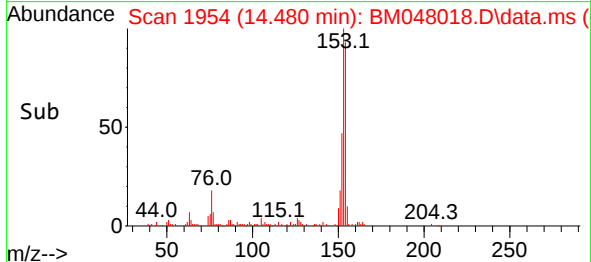
Instrument :
BNA_M
ClientSampleId :
A4EN7



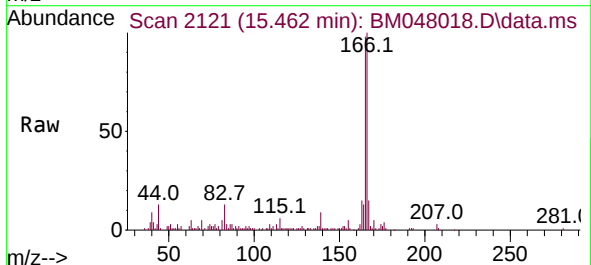
Tgt Ion:153 Resp: 40734
Ion Ratio Lower Upper
153 100
152 48.4 39.7 59.5
154 92.7 72.6 108.8

Manual Integrations
APPROVED

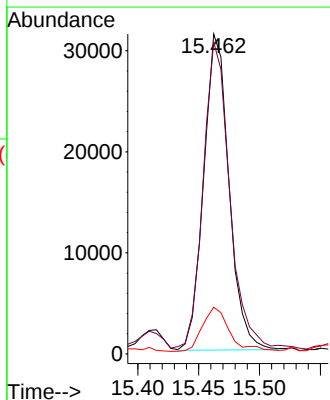
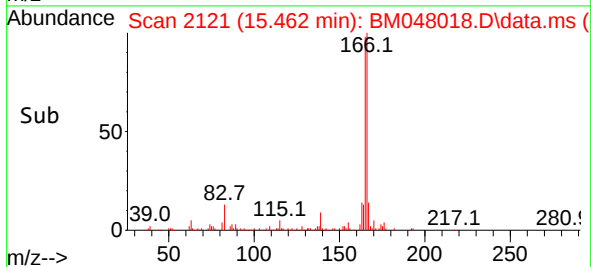
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

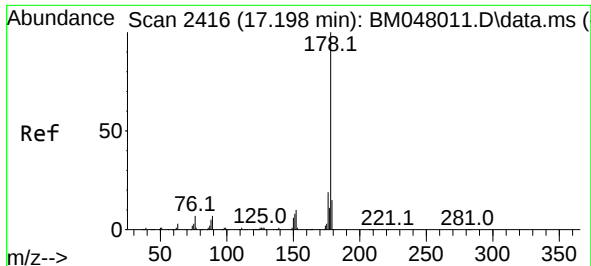


#61
Fluorene
Concen: 1.109 ng/ul
RT: 15.462 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55



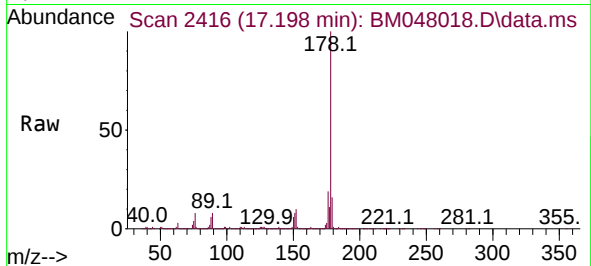
Tgt Ion:166 Resp: 45358
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.6
167 14.6 10.8 16.2





#72
Phenanthrene
Concen: 13.451 ng/ul
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

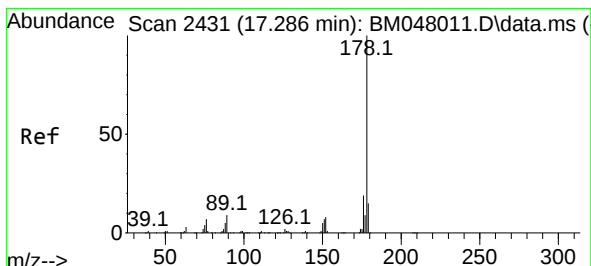
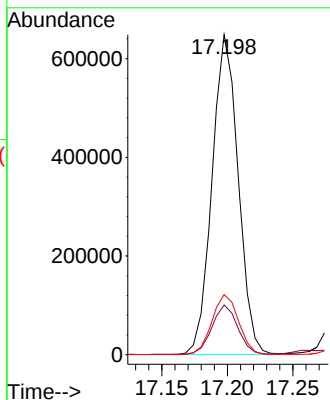
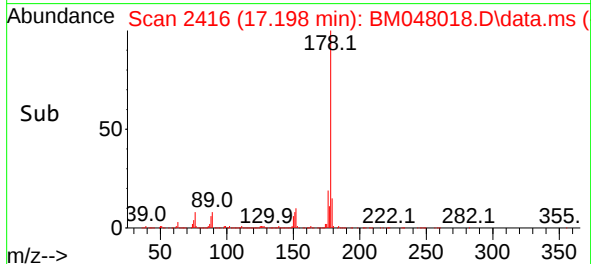
Instrument :
BNA_M
ClientSampleId :
A4EN7



Tgt Ion:178 Resp: 896780
Ion Ratio Lower Upper
178 100
179 15.6 12.0 18.0
176 18.8 15.4 23.0

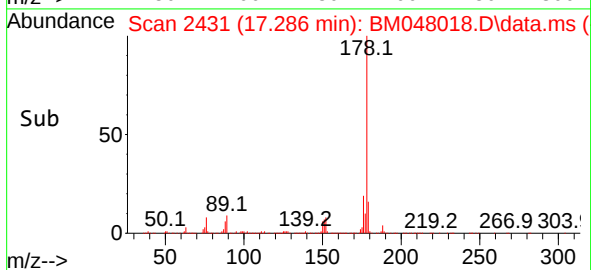
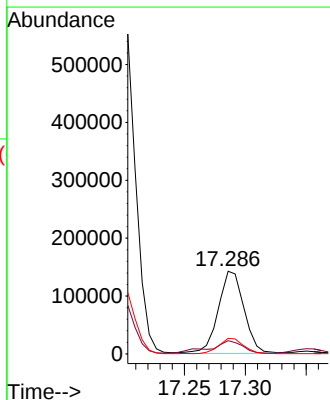
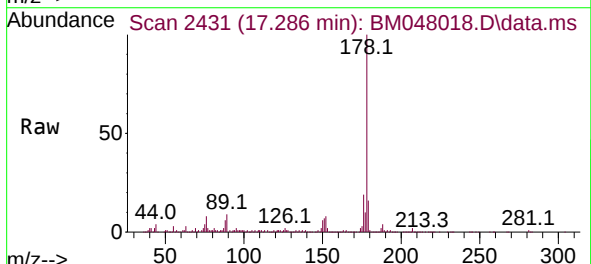
Manual Integrations
APPROVED

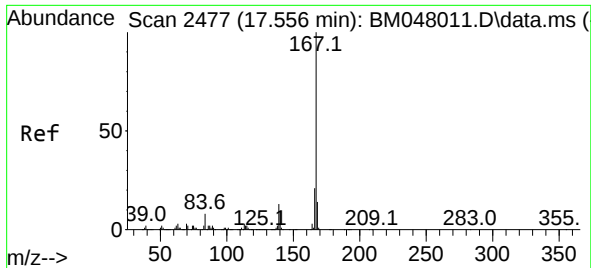
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#74
Anthracene
Concen: 3.074 ng/ul
RT: 17.286 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

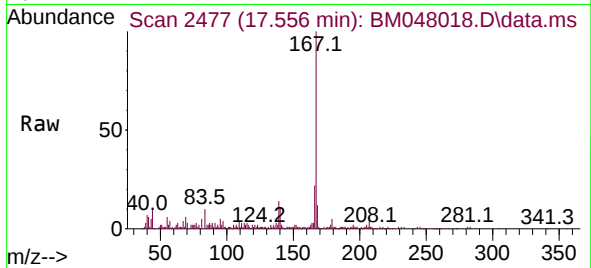
Tgt Ion:178 Resp: 209033
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 18.7 14.7 22.1





#77
 Carbazole
 Concen: 1.543 ng/ul
 RT: 17.556 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BM048018.D
 Acq: 11 Oct 2024 19:55

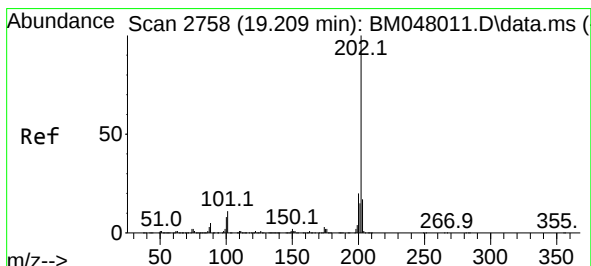
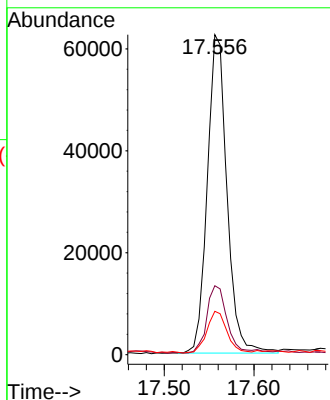
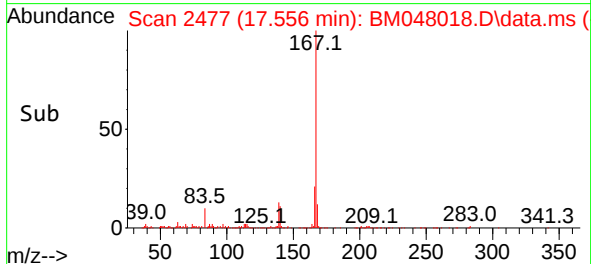
Instrument :
 BNA_M
 ClientSampleId :
 A4EN7



Tgt Ion:167 Resp: 95110
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.5 10.9 16.3

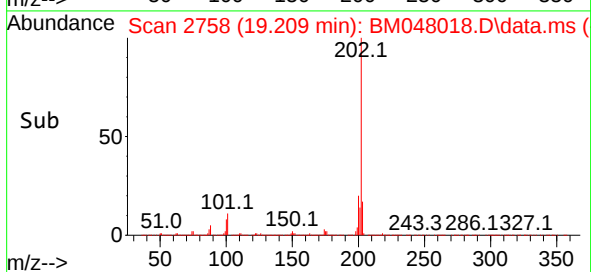
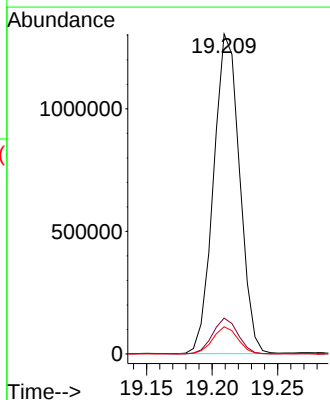
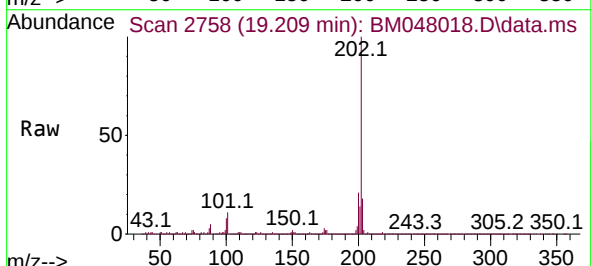
Manual Integrations
 APPROVED

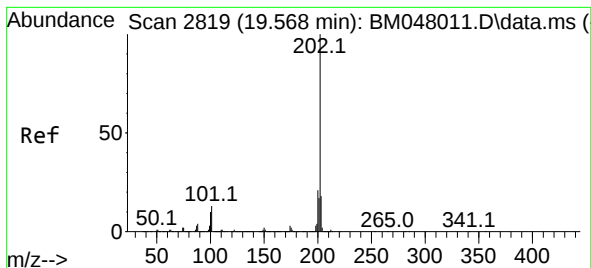
Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024



#80
 Fluoranthene
 Concen: 25.980 ng/ul
 RT: 19.209 min Scan# 2758
 Delta R.T. -0.006 min
 Lab File: BM048018.D
 Acq: 11 Oct 2024 19:55

Tgt Ion:202 Resp: 1802330
 Ion Ratio Lower Upper
 202 100
 101 11.2 9.0 13.4
 100 8.5 6.8 10.2





#82

Pyrene

Concen: 17.413 ng/ul

RT: 19.574 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM048018.D

Acq: 11 Oct 2024 19:55

Instrument :

BNA_M

ClientSampleId :

A4EN7

Tgt Ion:202 Resp: 134454

Ion Ratio Lower Upper

202 100

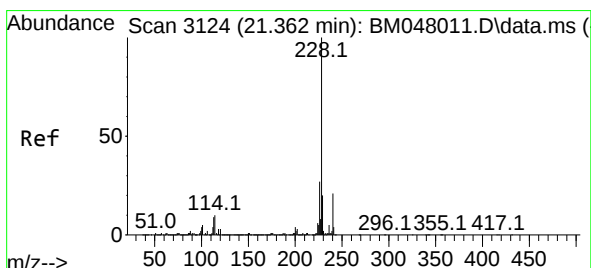
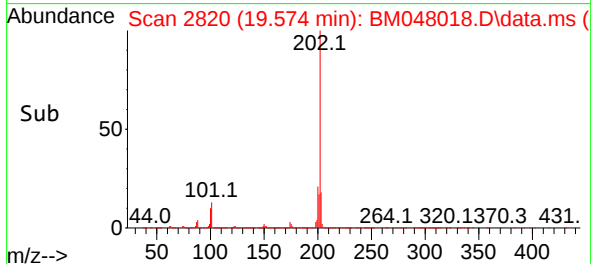
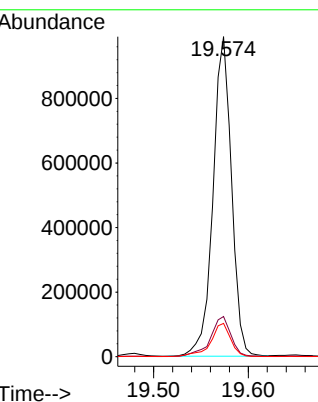
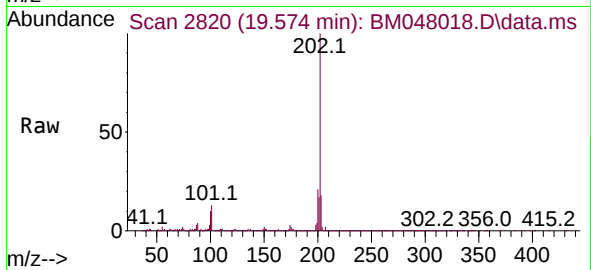
101 12.5 10.9 16.3

100 10.4 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#85

Benzo(a)anthracene

Concen: 11.239 ng/ul

RT: 21.362 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BM048018.D

Acq: 11 Oct 2024 19:55

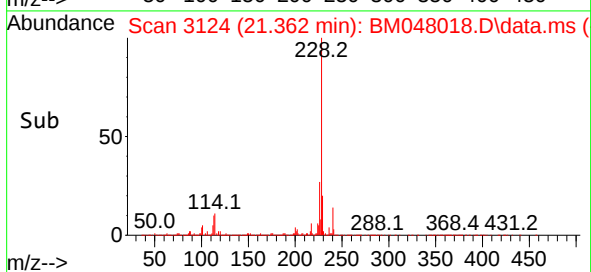
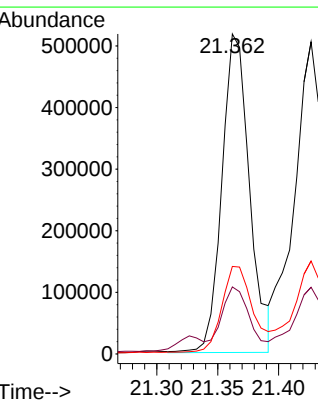
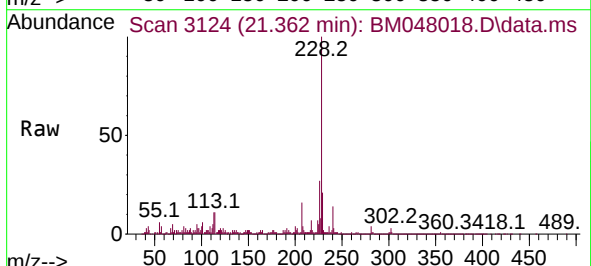
Tgt Ion:228 Resp: 816696

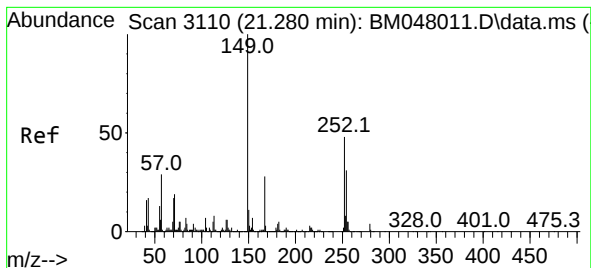
Ion Ratio Lower Upper

228 100

229 20.9 15.6 23.4

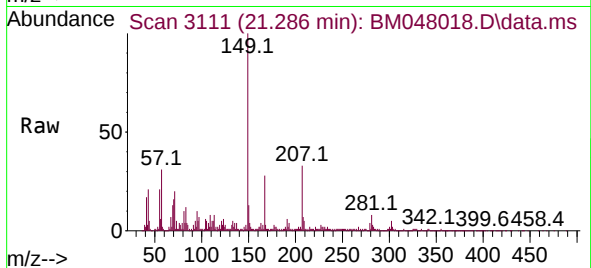
226 27.3 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 7.287 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

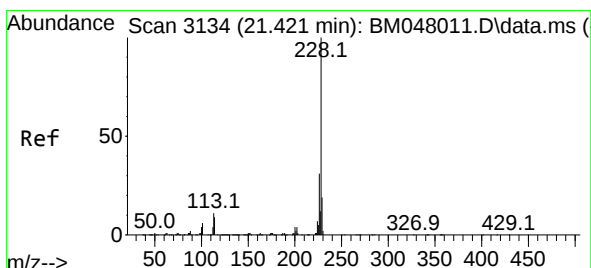
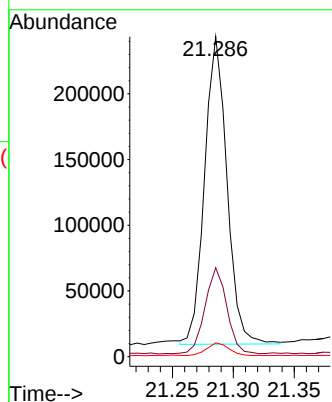
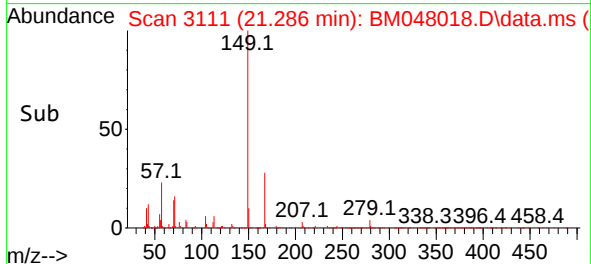
Instrument :
BNA_M
ClientSampleId :
A4EN7



Tgt Ion:149 Resp: 298659
Ion Ratio Lower Upper
149 100
167 27.8 21.3 31.9
279 4.3 2.7 4.1

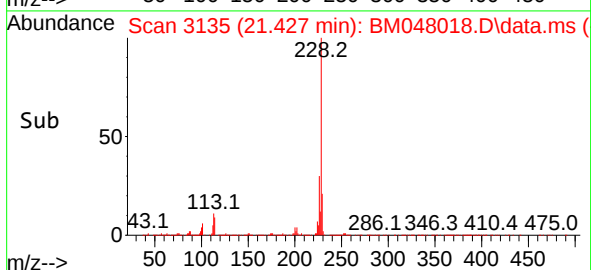
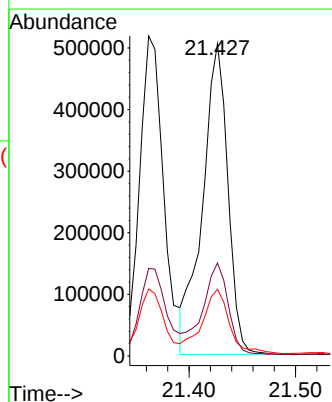
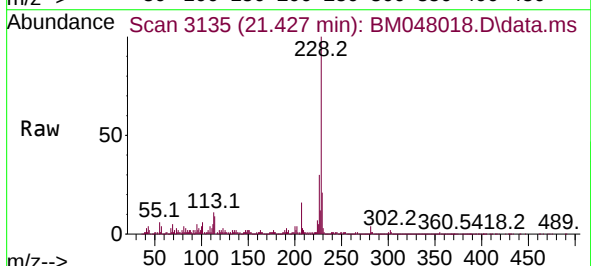
Manual Integrations
APPROVED

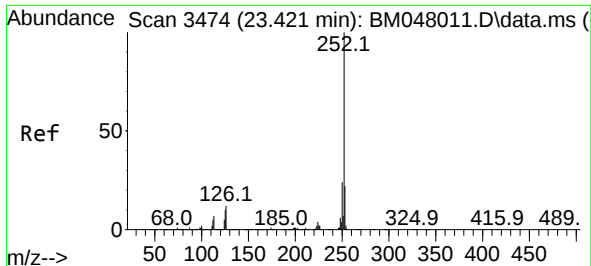
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#87
Chrysene
Concen: 11.769 ng/ul
RT: 21.427 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

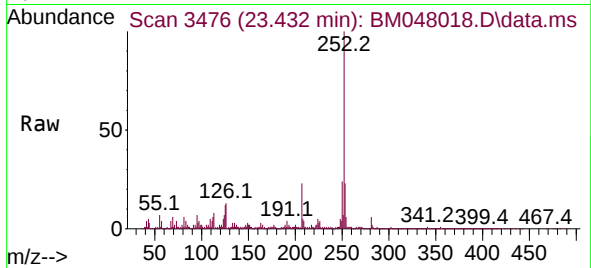
Tgt Ion:228 Resp: 833793
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 21.4 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 15.010 ng/ul
RT: 23.432 min Scan# 3474
Delta R.T. 0.006 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

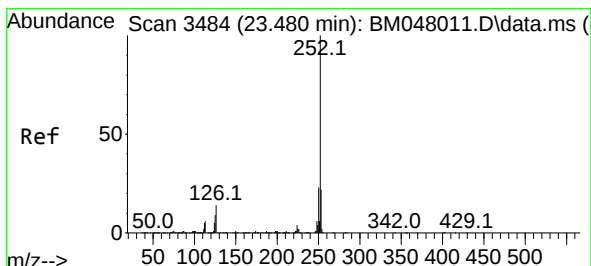
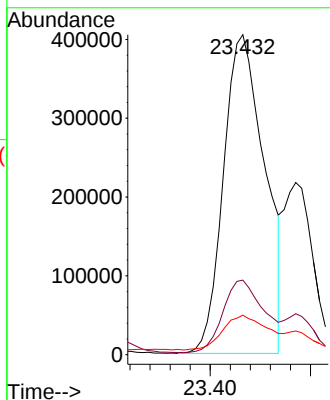
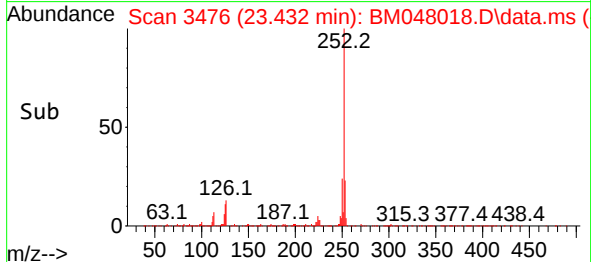
Instrument :
BNA_M
ClientSampleId :
A4EN7



Tgt Ion:252 Resp: 115120
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 12.4 9.0 13.4

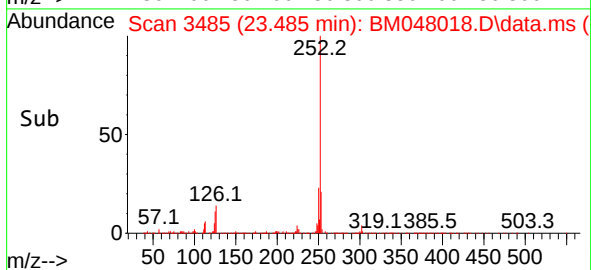
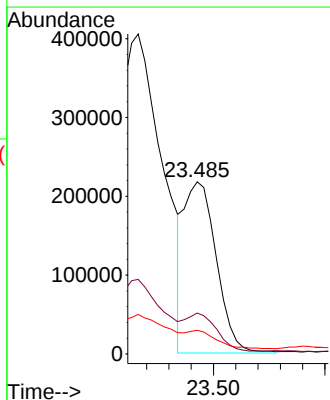
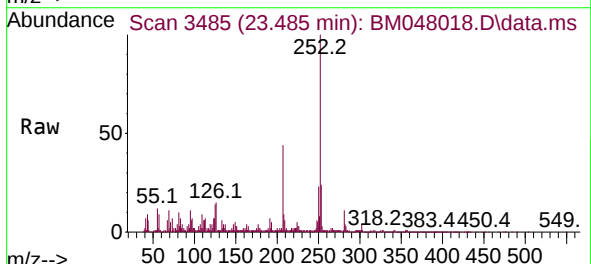
Manual Integrations
APPROVED

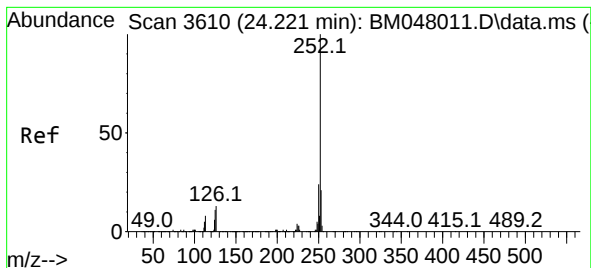
Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#91
Benzo(k)fluoranthene
Concen: 5.573 ng/ul m
RT: 23.485 min Scan# 3485
Delta R.T. -0.000 min
Lab File: BM048018.D
Acq: 11 Oct 2024 19:55

Tgt Ion:252 Resp: 437044
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 13.8 8.9 13.3#





#93

Benzo(a)pyrene

Concen: 6.330 ng/ul

RT: 24.227 min Scan# 3611

Delta R.T. -0.006 min

Lab File: BM048018.D

Acq: 11 Oct 2024 19:55

Instrument :

BNA_M

ClientSampleId :

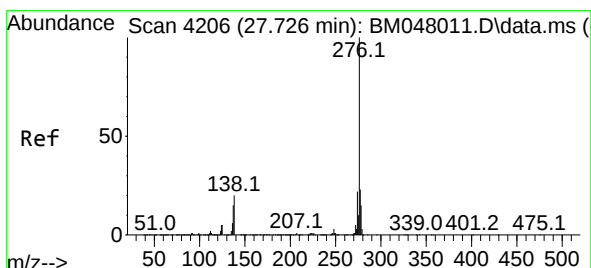
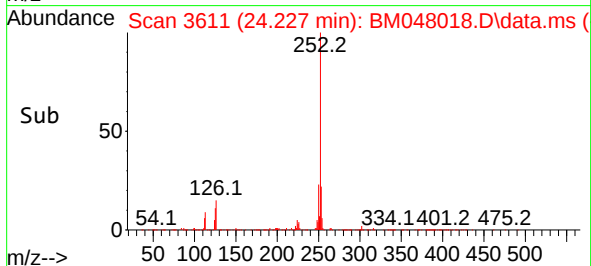
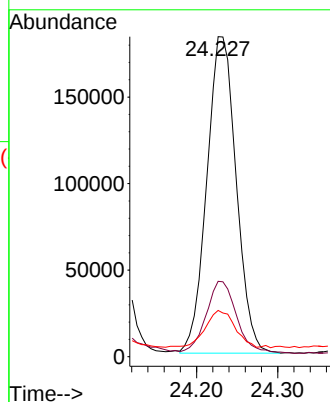
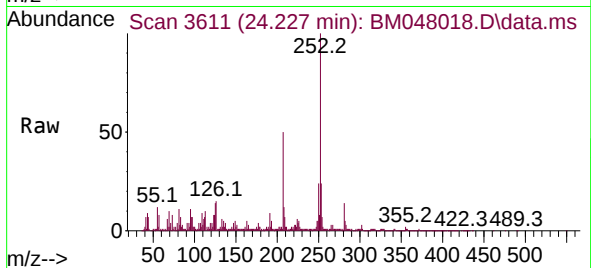
A4EN7

Tgt Ion:	252	Resp:	461109
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.2	25.8
125	14.5	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.734 ng/ul

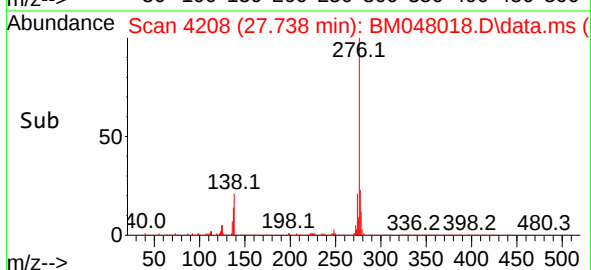
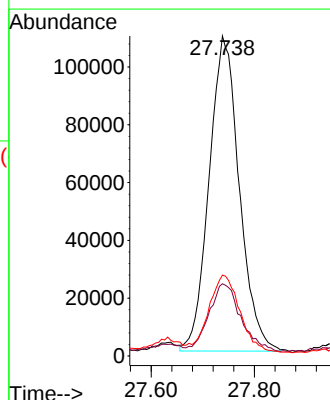
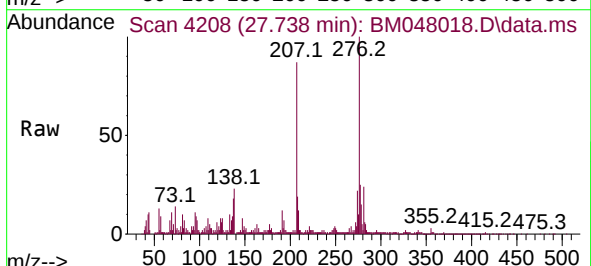
RT: 27.738 min Scan# 4208

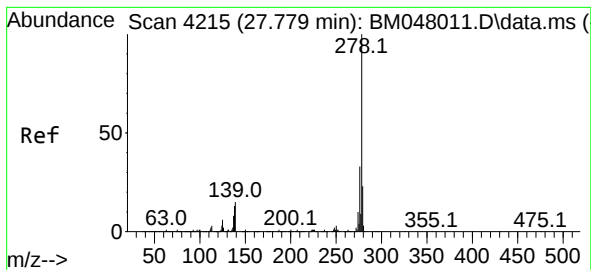
Delta R.T. -0.006 min

Lab File: BM048018.D

Acq: 11 Oct 2024 19:55

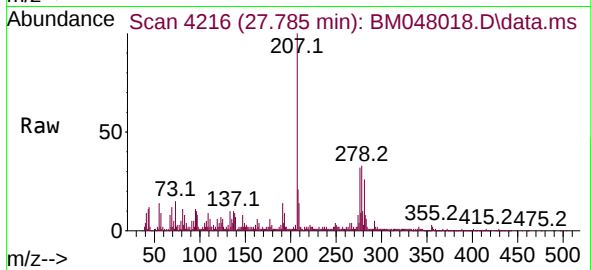
Tgt Ion:	276	Resp:	441939
Ion Ratio	Lower	Upper	
276	100		
138	22.6	16.9	25.3
277	25.2	18.9	28.3





#95
 Dibenzo(a,h)anthracene
 Concen: 2.080 ng/ul m
 RT: 27.785 min Scan# 4
 Delta R.T. -0.012 min
 Lab File: BM048018.D
 Acq: 11 Oct 2024 19:55

Instrument :
 BNA_M
 ClientSampleId :
 A4EN7



Tgt Ion:278 Resp: 15911
 Ion Ratio Lower Upper
 278 100
 139 21.7 13.4 20.2
 279 29.4 18.4 27.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
 Supervised By :mohammad ahmed 10/15/2024

