

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048050.D
 Acq On : 15 Oct 2024 06:06
 Operator : RC/JU
 Sample : P4238-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4F15

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 15 06:41:52 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	320738	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1294687	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.421	164	816222	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.156	188	1691434	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	1576870	20.000	ng/u1	0.00
88) Perylene-d12	24.385	264	1853723	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	10735	1.082	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.957	99	186171	6.138	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	112960	5.249	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	167166m	7.576	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	123519	5.478	ng/u1	0.00
21) Nitrobenzene-d5	8.939	128	74163	7.194	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	80873	8.187	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	146679	7.433	ng/u1	0.00
31) 4-Chloroaniline-d4	10.727	131	25826m	0.847	ng/u1	0.01
46) Dimethylphthalate-d6	13.827	166	436397	7.374	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	512394	7.303	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	51955m	4.410	ng/u1	0.01
60) Fluorene-d10	15.410	176	404318	7.888	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	36603	3.698	ng/u1	0.00
73) Anthracene-d10	17.256	188	640559	7.702	ng/u1	0.00
81) Pyrene-d10	19.545	212	680483	7.604	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	518407	5.390	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.604	105	44242	1.147	ng/u1	93
72) Phenanthrene	17.204	178	641295	6.465	ng/u1	100
74) Anthracene	17.292	178	132807	1.313	ng/u1	99
80) Fluoranthene	19.215	202	1976476	18.752	ng/u1	98
82) Pyrene	19.574	202	1413205	12.046	ng/u1	98
85) Benzo(a)anthracene	21.368	228	815094	7.383	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.291	149	292972	4.705	ng/u1#	97
87) Chrysene	21.433	228	1104099	10.258	ng/u1	97
90) Benzo(b)fluoranthene	23.438	252	1670618	14.451	ng/u1	99
91) Benzo(k)fluoranthene	23.497	252	544033m	4.602	ng/u1	
93) Benzo(a)pyrene	24.244	252	541427	4.931	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.762	276	621406	4.417	ng/u1	97
95) Dibenzo(a,h)anthracene	27.797	278	201434	1.747	ng/u1#	92

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

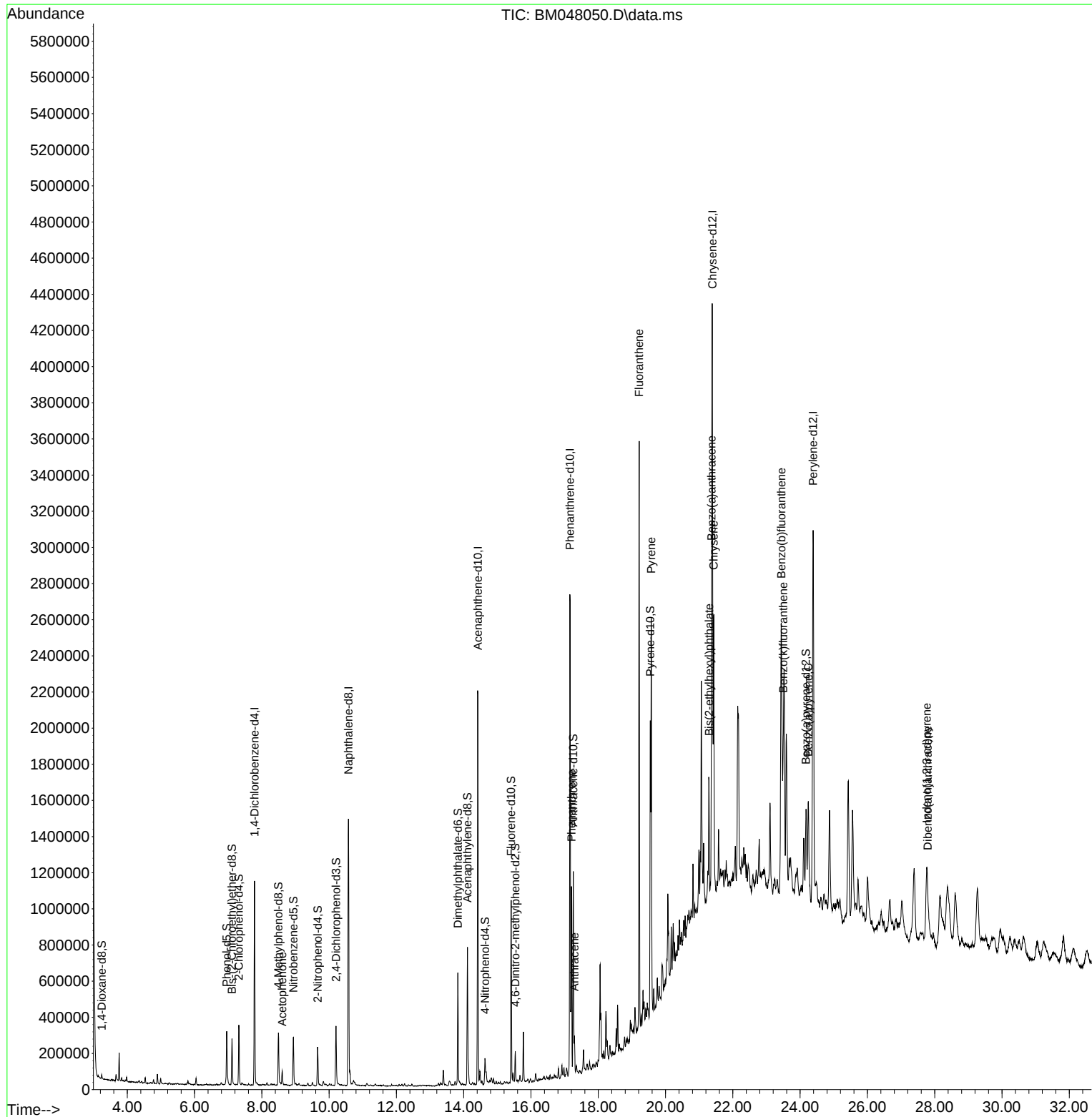
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048050.D
Acq On : 15 Oct 2024 06:06
Operator : RC/JU
Sample : P4238-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

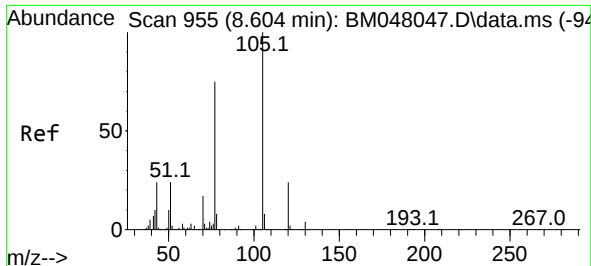
Instrument :
BNA_M
ClientSampleId :
A4F15

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024

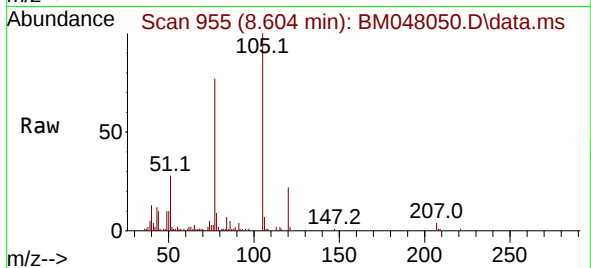
Quant Time: Oct 15 06:41:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.147 ng/ul
RT: 8.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM048050.D
Acq: 15 Oct 2024 06:06

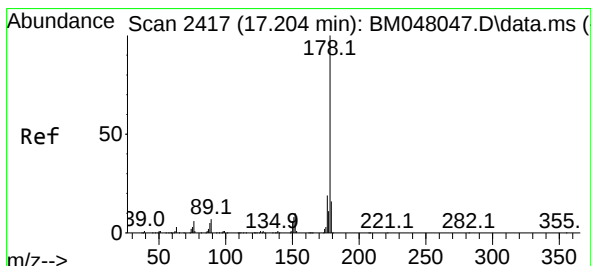
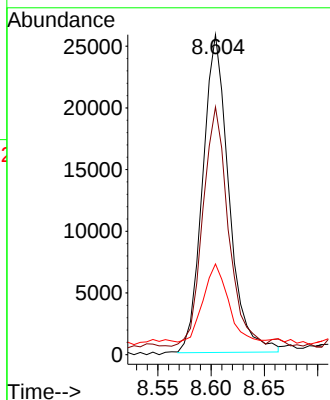
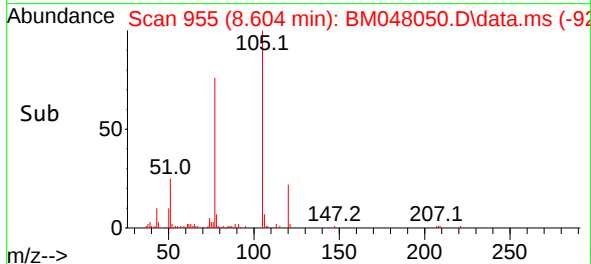
Instrument :
BNA_M
ClientSampleId :
A4F15



Tgt Ion:105 Resp: 4424
Ion Ratio Lower Upper
105 100
77 77.4 66.6 100.0
51 28.4 27.0 40.4

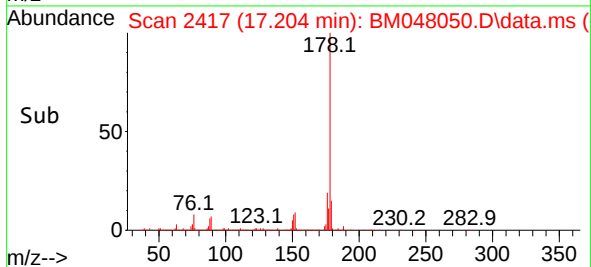
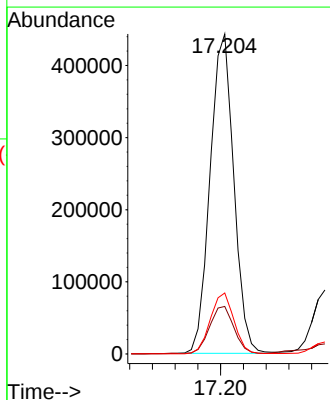
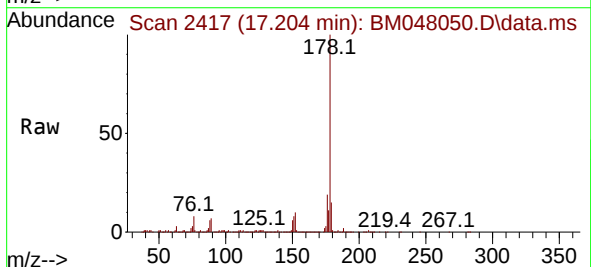
Manual Integrations
APPROVED

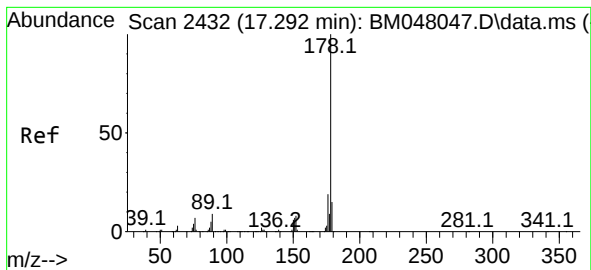
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#72
Phenanthrene
Concen: 6.465 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM048050.D
Acq: 15 Oct 2024 06:06

Tgt Ion:178 Resp: 641295
Ion Ratio Lower Upper
178 100
179 14.9 12.0 18.0
176 19.0 15.4 23.0





#74

Anthracene

Concen: 1.313 ng/ul

RT: 17.292 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BM048050.D

Acq: 15 Oct 2024 06:06

Instrument :

BNA_M

ClientSampleId :

A4F15

Tgt Ion:178 Resp: 13280

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

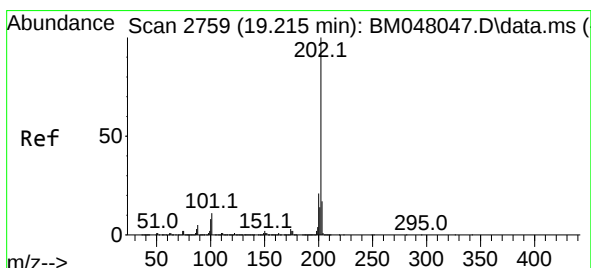
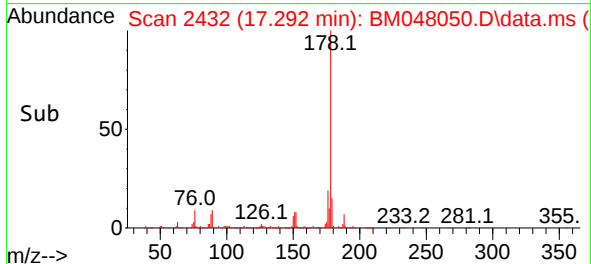
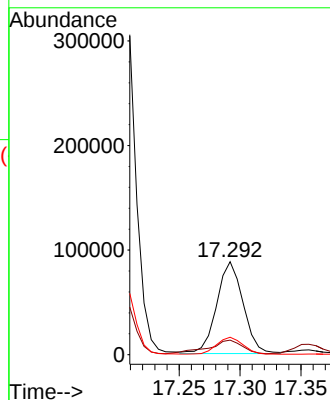
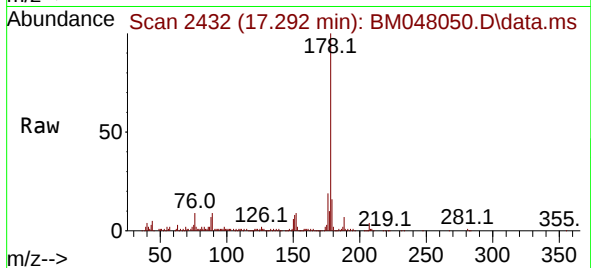
176 18.7 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/17/2024



#80

Fluoranthene

Concen: 18.752 ng/ul

RT: 19.215 min Scan# 2759

Delta R.T. 0.000 min

Lab File: BM048050.D

Acq: 15 Oct 2024 06:06

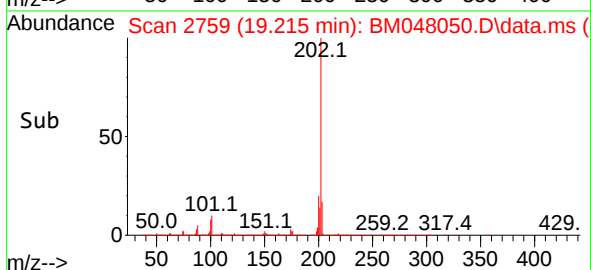
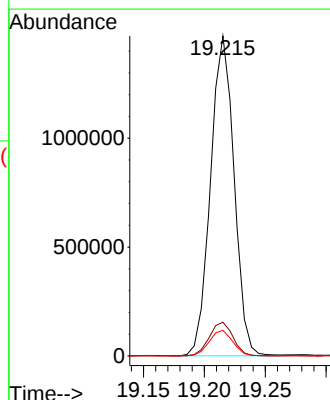
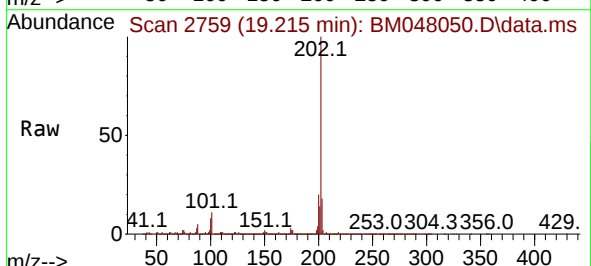
Tgt Ion:202 Resp: 1976476

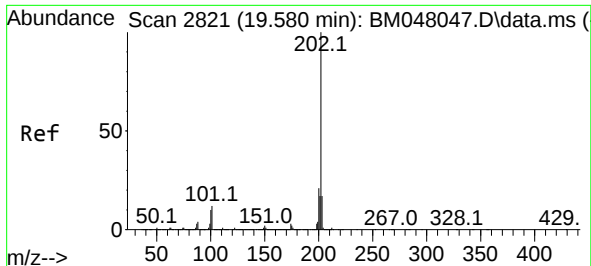
Ion Ratio Lower Upper

202 100

101 10.5 9.0 13.4

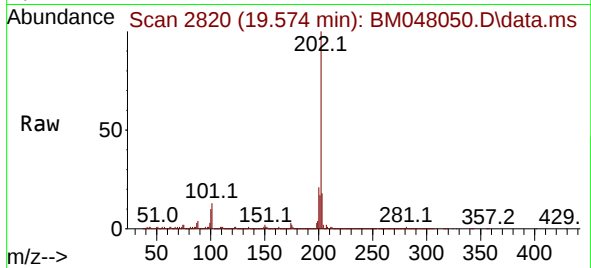
100 8.0 6.8 10.2





#82
Pyrene
Concen: 12.046 ng/ul
RT: 19.574 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM048050.D
Acq: 15 Oct 2024 06:06

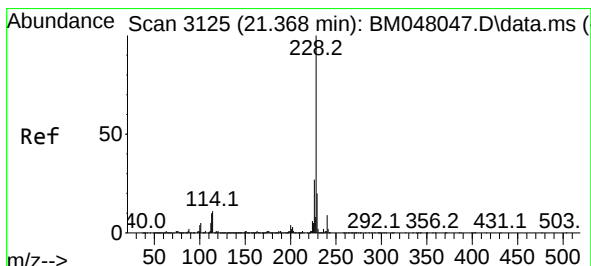
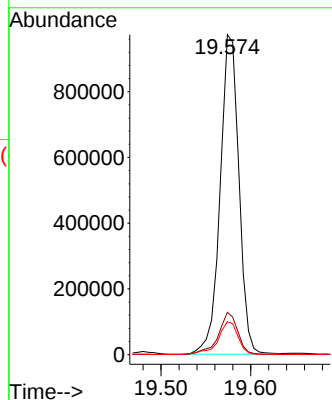
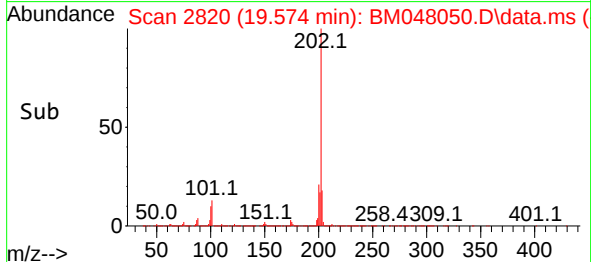
Instrument :
BNA_M
ClientSampleId :
A4F15



Tgt Ion:202 Resp: 141320
Ion Ratio Lower Upper
202 100
101 13.2 10.9 16.3
100 10.3 9.4 14.2

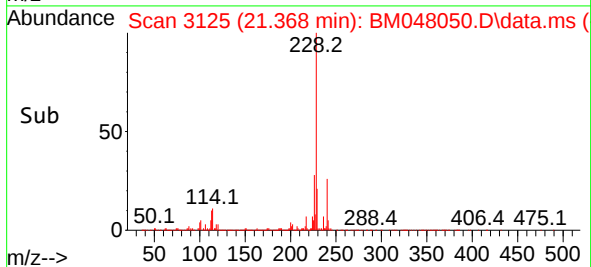
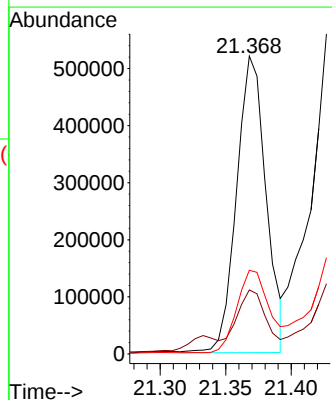
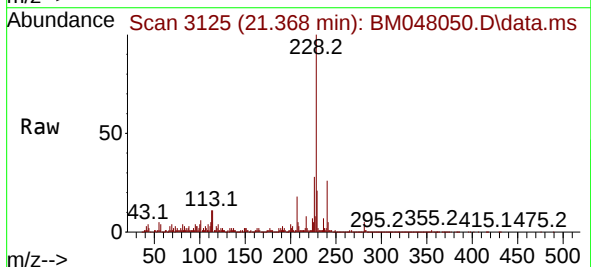
Manual Integrations
APPROVED

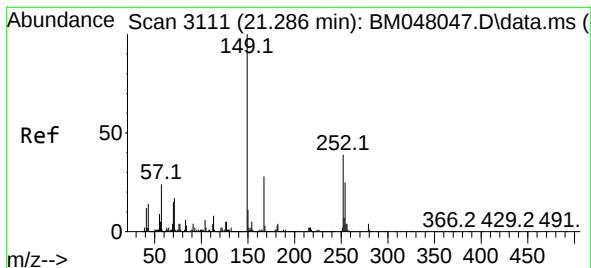
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#85
Benzo(a)anthracene
Concen: 7.383 ng/ul
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM048050.D
Acq: 15 Oct 2024 06:06

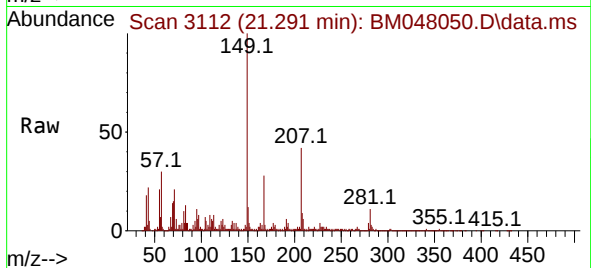
Tgt Ion:228 Resp: 815094
Ion Ratio Lower Upper
228 100
229 21.5 15.6 23.4
226 28.1 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 4.705 ng/ul
RT: 21.291 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM048050.D
Acq: 15 Oct 2024 06:06

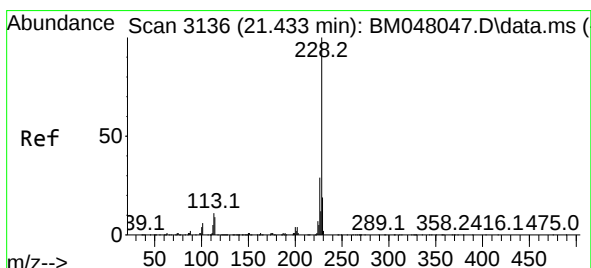
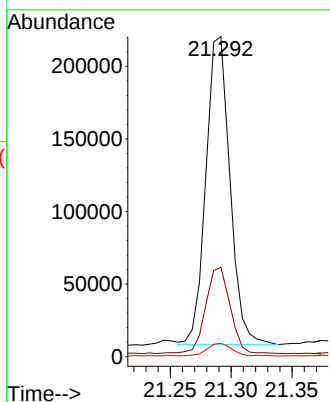
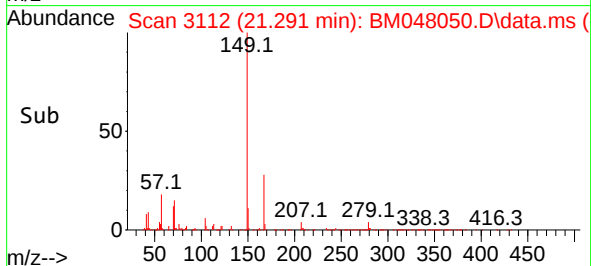
Instrument :
BNA_M
ClientSampleId :
A4F15



Tgt Ion:149 Resp: 292972
Ion Ratio Lower Upper
149 100
167 27.9 21.3 31.9
279 4.2 2.7 4.1

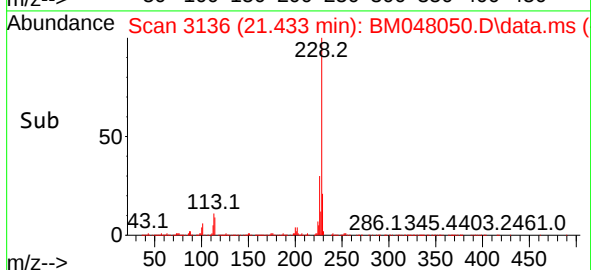
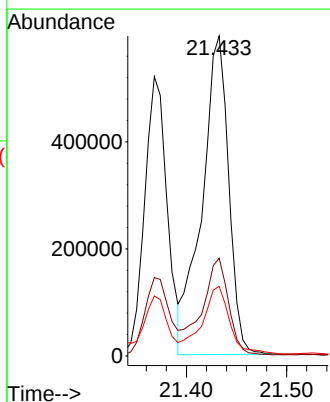
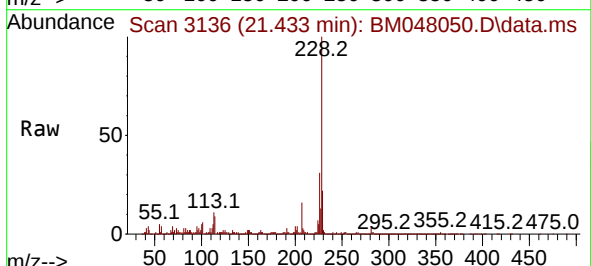
Manual Integrations
APPROVED

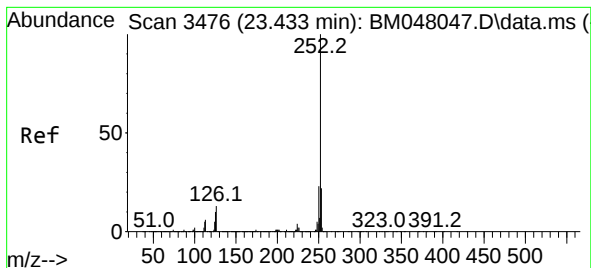
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#87
Chrysene
Concen: 10.258 ng/ul
RT: 21.433 min Scan# 3136
Delta R.T. 0.006 min
Lab File: BM048050.D
Acq: 15 Oct 2024 06:06

Tgt Ion:228 Resp: 1104099
Ion Ratio Lower Upper
228 100
226 30.5 23.6 35.4
229 21.8 15.3 22.9





#90

Benzo(b)fluoranthene

Concen: 14.451 ng/ul

RT: 23.438 min Scan# 3476

Delta R.T. 0.012 min

Lab File: BM048050.D

Acq: 15 Oct 2024 06:06

Instrument :

BNA_M

ClientSampleId :

A4F15

Tgt Ion:252 Resp: 1670618

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

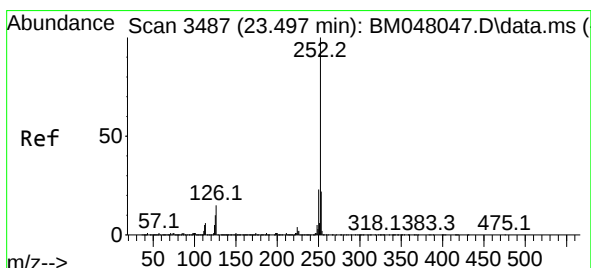
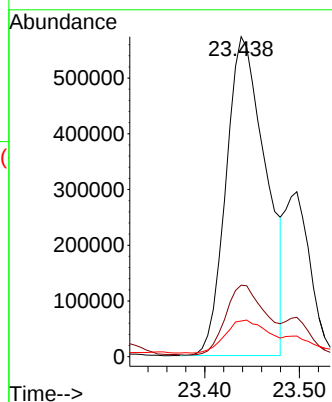
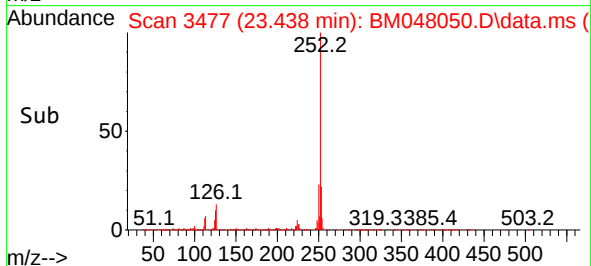
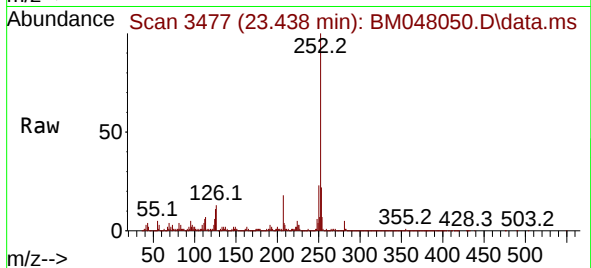
125 11.2 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/17/2024



#91

Benzo(k)fluoranthene

Concen: 4.602 ng/ul m

RT: 23.497 min Scan# 3487

Delta R.T. 0.012 min

Lab File: BM048050.D

Acq: 15 Oct 2024 06:06

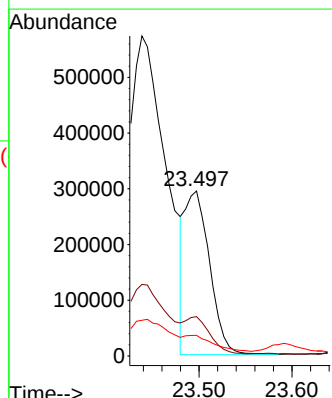
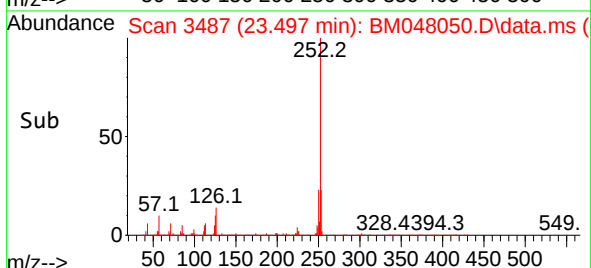
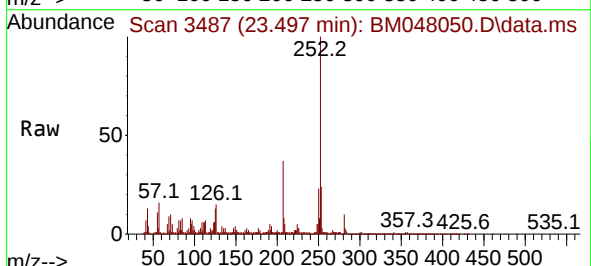
Tgt Ion:252 Resp: 544033

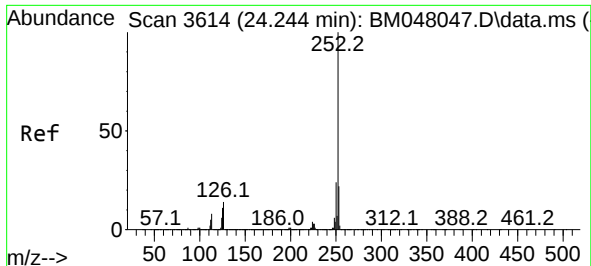
Ion Ratio Lower Upper

252 100

253 23.8 17.5 26.3

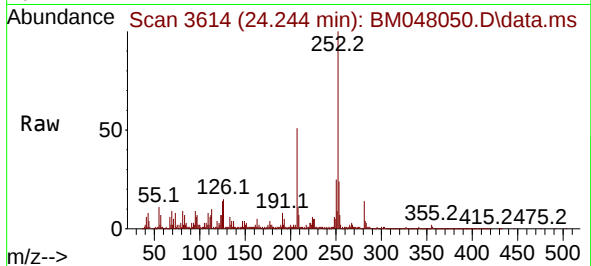
125 12.5 8.9 13.3





#93
Benzo(a)pyrene
Concen: 4.931 ng/ul
RT: 24.244 min Scan# 3614
Delta R.T. 0.012 min
Lab File: BM048050.D
Acq: 15 Oct 2024 06:06

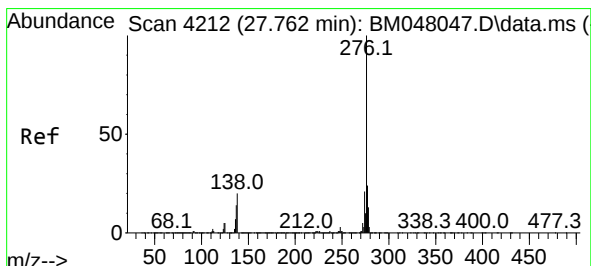
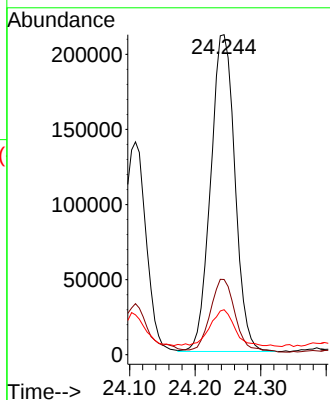
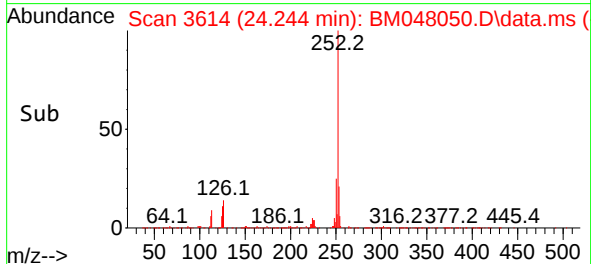
Instrument :
BNA_M
ClientSampleId :
A4F15



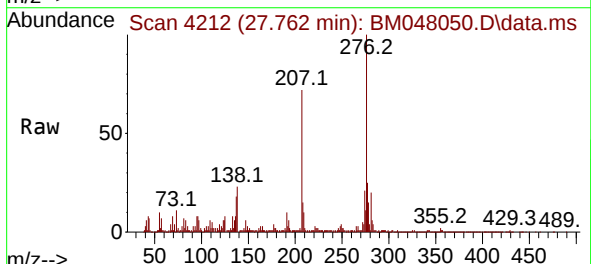
Tgt Ion:252 Resp: 54142
Ion Ratio Lower Upper
252 100
253 23.5 17.2 25.8
125 14.1 10.1 15.1

Manual Integrations
APPROVED

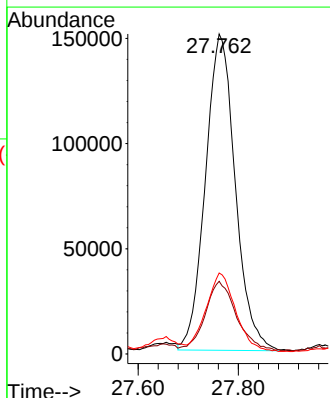
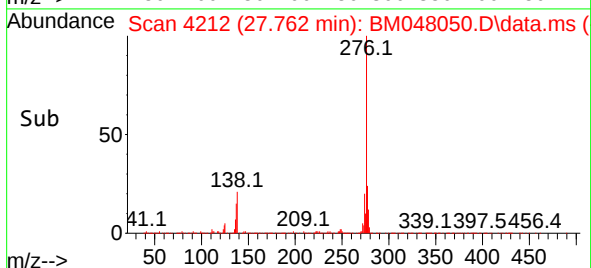
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024

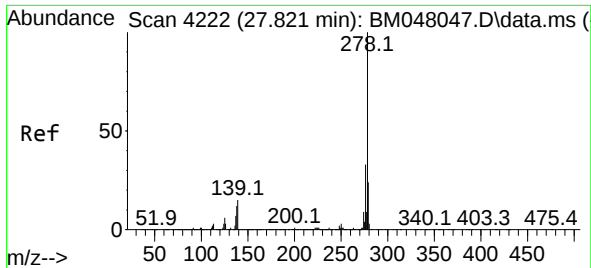


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.417 ng/ul
RT: 27.762 min Scan# 4212
Delta R.T. 0.018 min
Lab File: BM048050.D
Acq: 15 Oct 2024 06:06



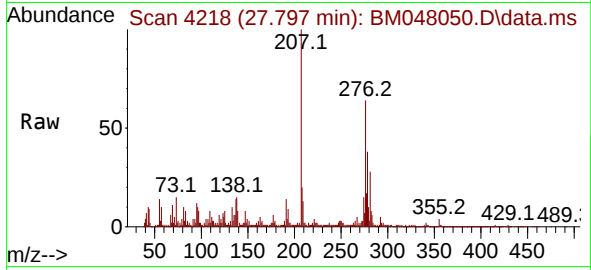
Tgt Ion:276 Resp: 621406
Ion Ratio Lower Upper
276 100
138 22.7 16.9 25.3
277 25.3 18.9 28.3





#95
 Dibenzo(a,h)anthracene
 Concen: 1.747 ng/ul
 RT: 27.797 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: BM048050.D
 Acq: 15 Oct 2024 06:06

Instrument :
 BNA_M
 ClientSampleId :
 A4F15



Tgt Ion:278 Resp: 201434
 Ion Ratio Lower Upper
 278 100
 139 20.9 13.4 20.2
 279 26.3 18.4 27.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/17/2024

