

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048026.D
 Acq On : 14 Oct 2024 13:35
 Operator : RC/JU
 Sample : P4239-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EG1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 14 14:53:01 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	369633	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1481927	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.421	164	903193	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.156	188	1831141	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1713376	20.000	ng/u1	0.00
88) Perylene-d12	24.385	264	2049511	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	14734	1.288	ng/uL	0.00
4) Pyridine-d5	3.669	84	20328	0.607	ng/u1	0.01
7) Phenol-d5	6.951	99	263629	7.543	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	165715	6.681	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	231162	9.090	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	185412	7.135	ng/u1	0.00
21) Nitrobenzene-d5	8.933	128	105433	8.936	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	111828	9.890	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	202188	8.951	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	66541	1.906	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	589960	9.010	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	687923	8.860	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	69609m	5.339	ng/u1	0.00
60) Fluorene-d10	15.409	176	536690	9.462	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	74246	6.929	ng/u1	0.00
73) Anthracene-d10	17.256	188	818362	9.089	ng/u1	0.00
81) Pyrene-d10	19.545	212	912288	9.382	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	740181	6.961	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.604	105	47994	1.079	ng/u1	87
72) Phenanthrene	17.198	178	955345	8.897	ng/u1	100
74) Anthracene	17.292	178	185884	1.697	ng/u1	99
77) Carbazole	17.562	167	110754	1.116	ng/u1	99
80) Fluoranthene	19.215	202	2607159	22.764	ng/u1	99
82) Pyrene	19.574	202	1959452	15.372	ng/u1	97
85) Benzo(a)anthracene	21.368	228	1127272	9.397	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.286	149	646502	9.555	ng/u1	97
87) Chrysene	21.427	228	1379831	11.798	ng/u1	97
90) Benzo(b)fluoranthene	23.438	252	2084017	16.305	ng/u1	98
91) Benzo(k)fluoranthene	23.491	252	637842	4.881	ng/u1	98
93) Benzo(a)pyrene	24.244	252	768460	6.331	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.756	276	813435	5.229	ng/u1	97
95) Dibenzo(a,h)anthracene	27.797	278	256638	2.013	ng/u1	93

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

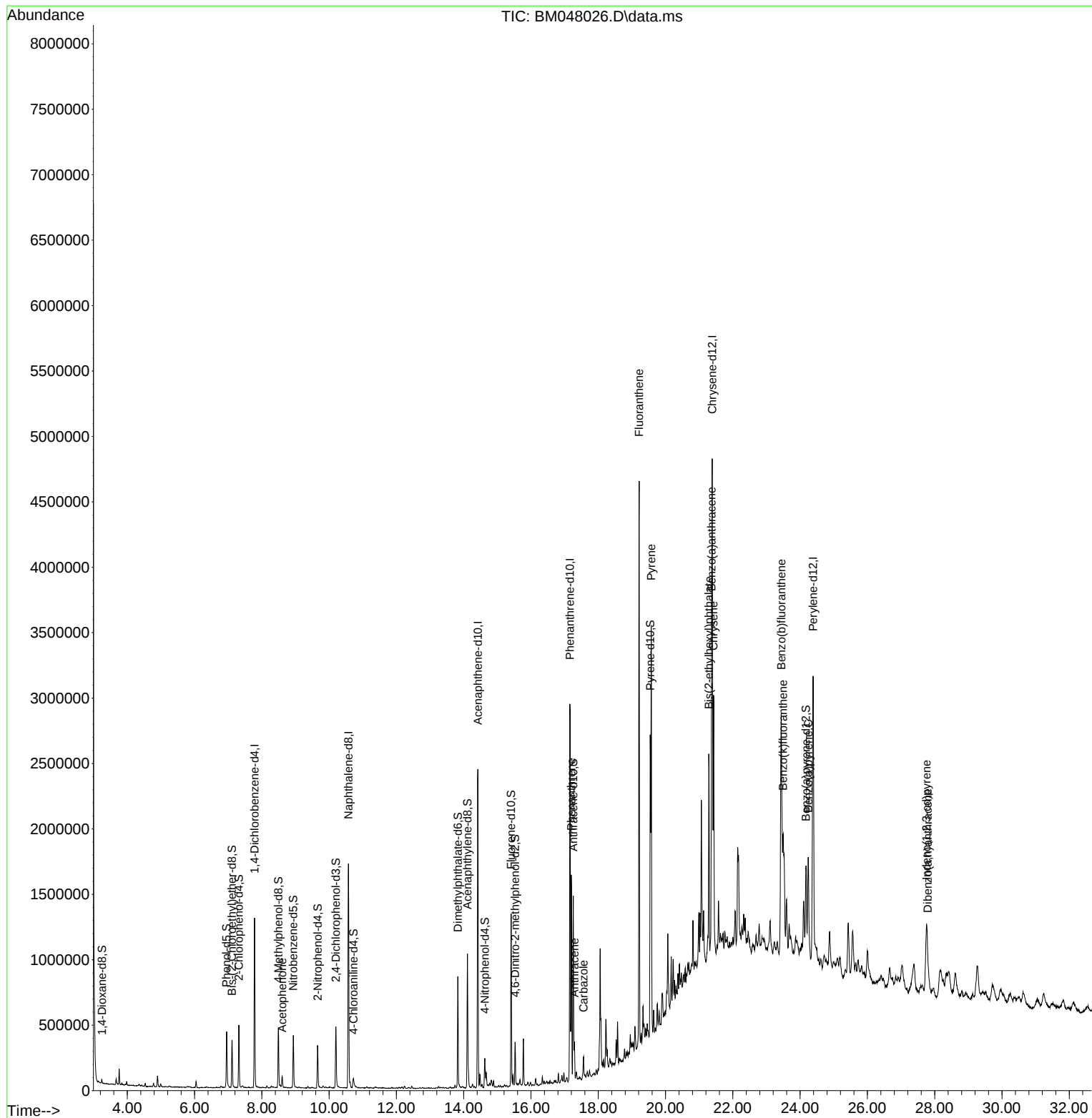
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048026.D
Acq On : 14 Oct 2024 13:35
Operator : RC/JU
Sample : P4239-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

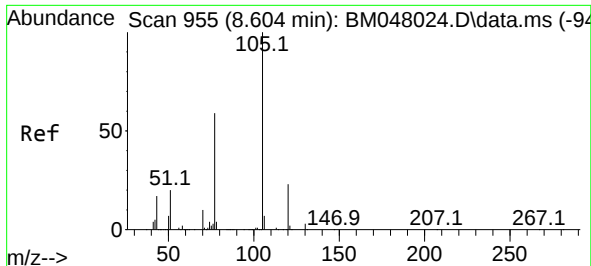
Instrument :
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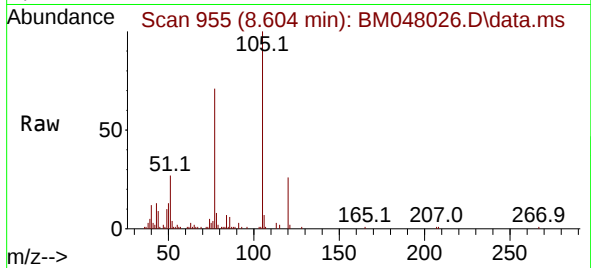
Quant Time: Oct 14 14:53:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.079 ng/ul
RT: 8.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM048026.D
Acq: 14 Oct 2024 13:35

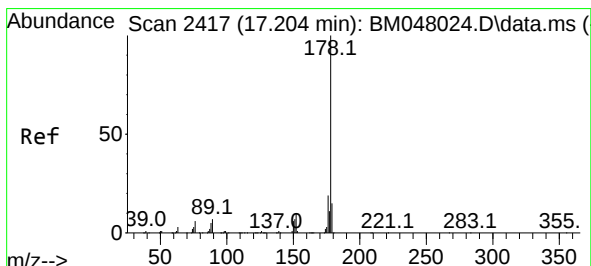
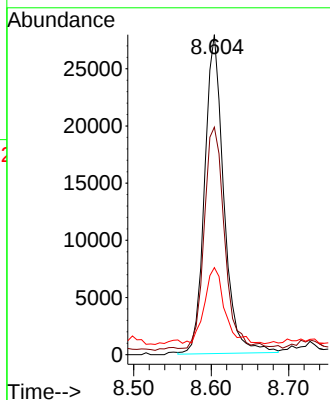
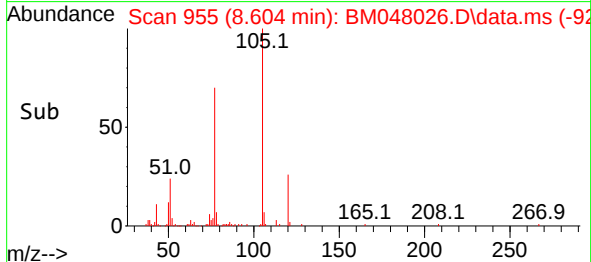
Instrument :
BNA_M
ClientSampleId :
A4EG1



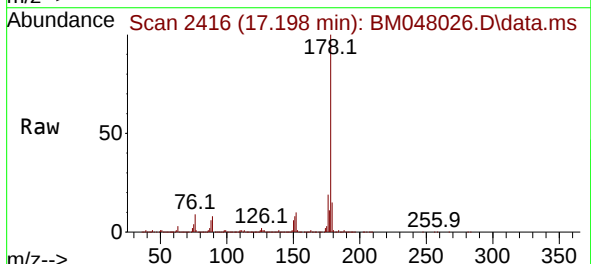
Tgt Ion:105 Resp: 47994
Ion Ratio Lower Upper
105 100
77 71.1 66.6 100.0
51 27.2 27.0 40.4

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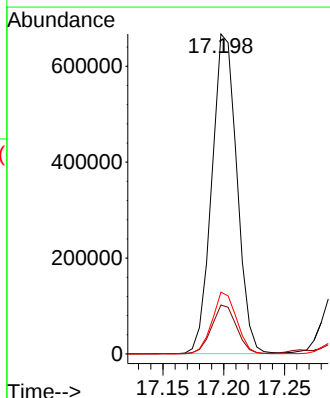
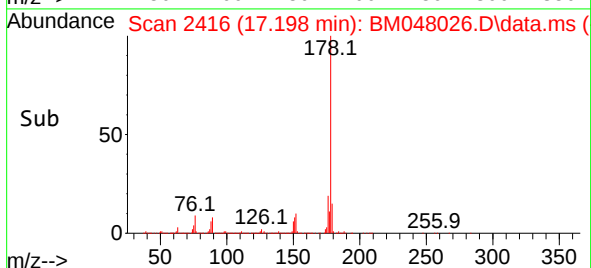
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024

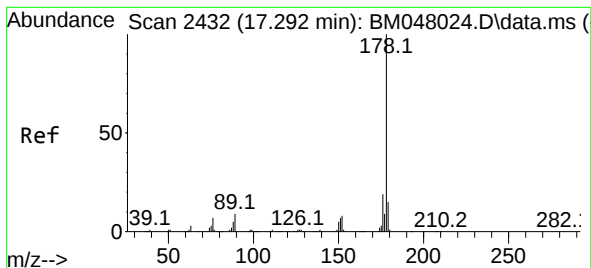


#72
Phenanthrene
Concen: 8.897 ng/ul
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM048026.D
Acq: 14 Oct 2024 13:35



Tgt Ion:178 Resp: 955345
Ion Ratio Lower Upper
178 100
179 15.3 12.0 18.0
176 19.3 15.4 23.0





#74

Anthracene

Concen: 1.697 ng/ul

RT: 17.292 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BM048026.D

Acq: 14 Oct 2024 13:35

Instrument :

BNA_M

ClientSampleId :

A4EG1

Tgt Ion:178 Resp: 185884

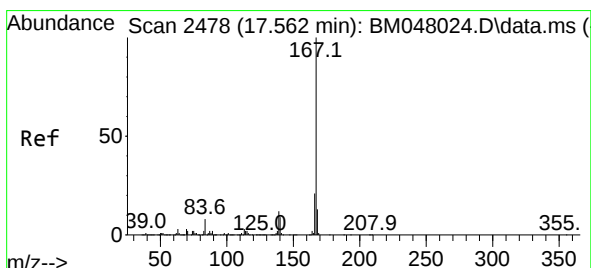
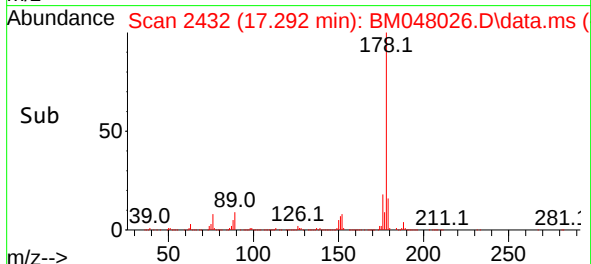
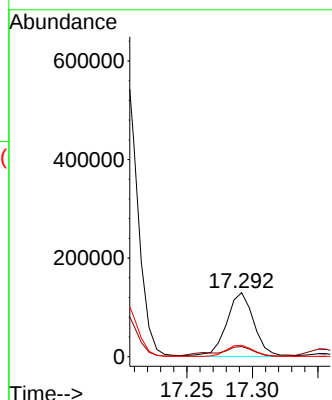
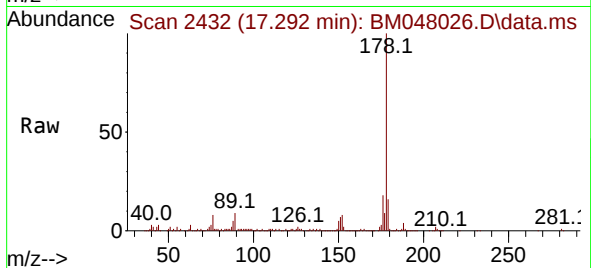
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	17.9	14.7	22.1

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#77

Carbazole

Concen: 1.116 ng/ul

RT: 17.562 min Scan# 2478

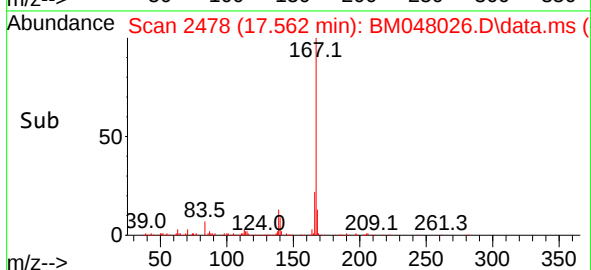
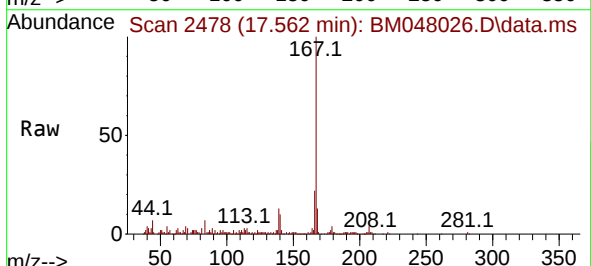
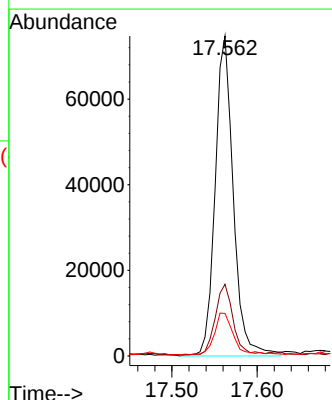
Delta R.T. -0.000 min

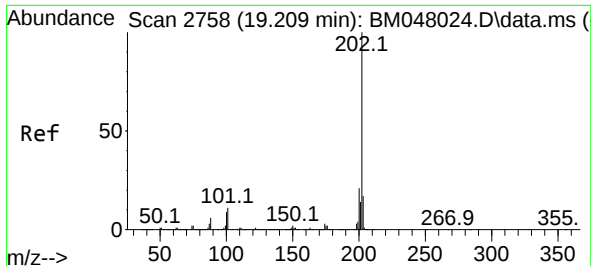
Lab File: BM048026.D

Acq: 14 Oct 2024 13:35

Tgt Ion:167 Resp: 110754

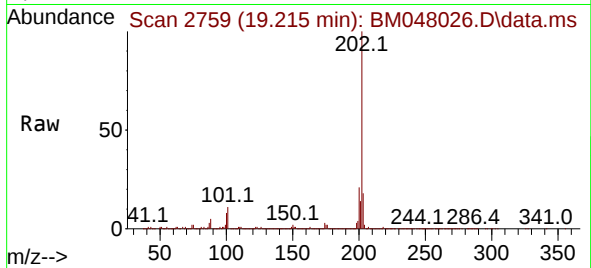
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.0
139	13.3	10.9	16.3





#80
Fluoranthene
Concen: 22.764 ng/ul
RT: 19.215 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM048026.D
Acq: 14 Oct 2024 13:35

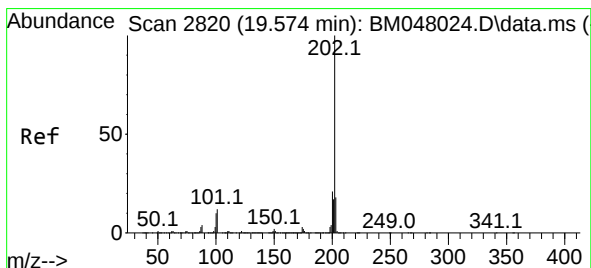
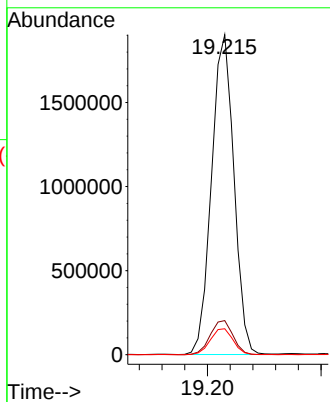
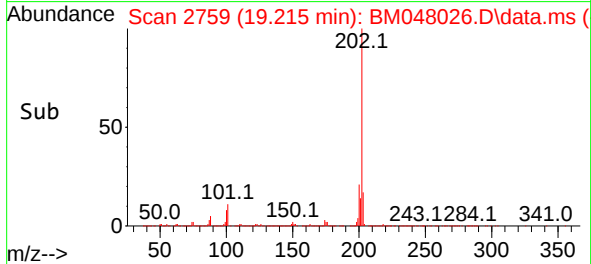
Instrument :
BNA_M
ClientSampleId :
A4EG1



Tgt Ion:202 Resp: 2607159
Ion Ratio Lower Upper
202 100
101 10.6 9.0 13.4
100 8.1 6.8 10.2

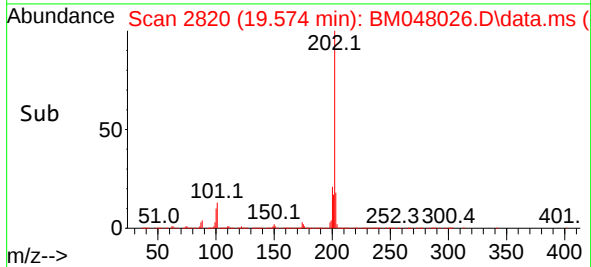
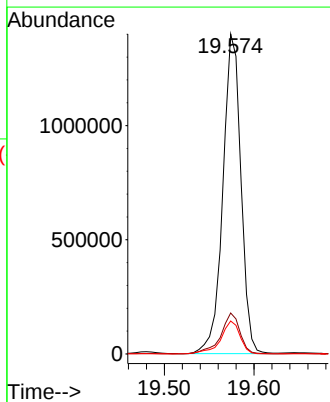
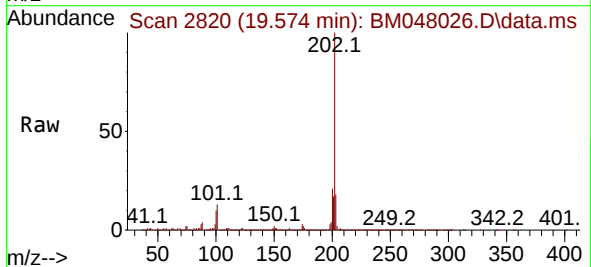
Manual Integrations
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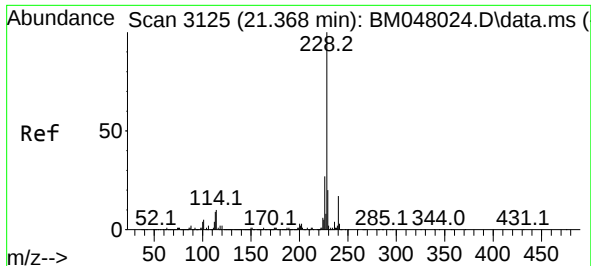
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024



#82
Pyrene
Concen: 15.372 ng/ul
RT: 19.574 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BM048026.D
Acq: 14 Oct 2024 13:35

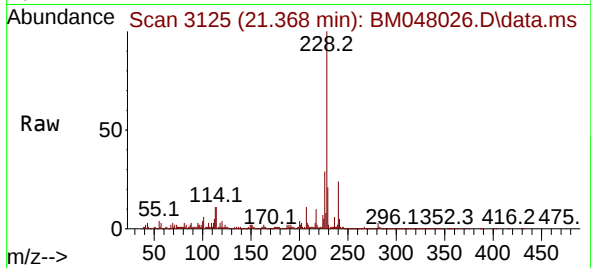
Tgt Ion:202 Resp: 1959452
Ion Ratio Lower Upper
202 100
101 12.8 10.9 16.3
100 10.3 9.4 14.2





#85
Benzo(a)anthracene
Concen: 9.397 ng/ul
RT: 21.368 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BM048026.D
Acq: 14 Oct 2024 13:35

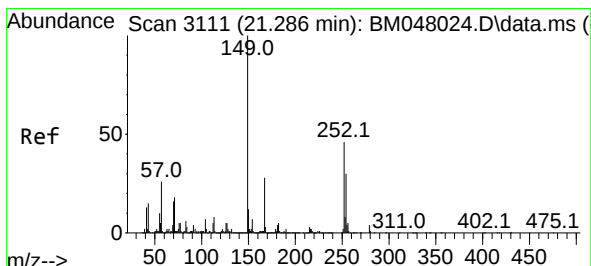
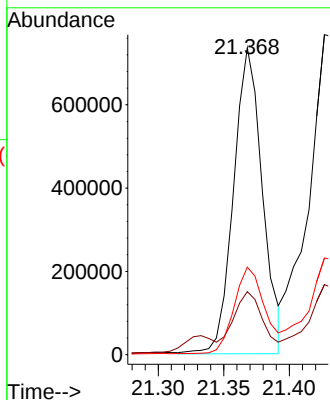
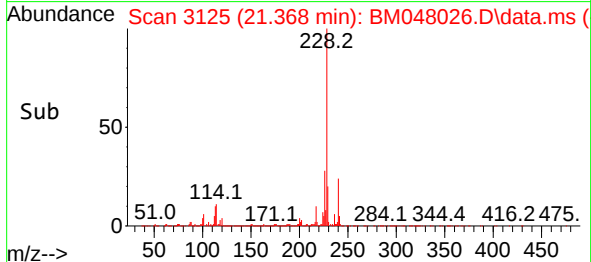
Instrument :
BNA_M
ClientSampleId :
A4EG1



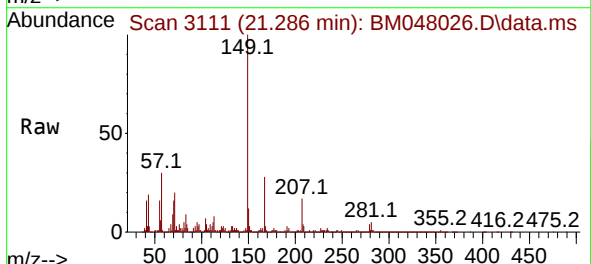
Tgt Ion:228 Resp: 112727
Ion Ratio Lower Upper
228 100
229 20.5 15.6 23.4
226 28.5 21.9 32.9

Manual Integrations
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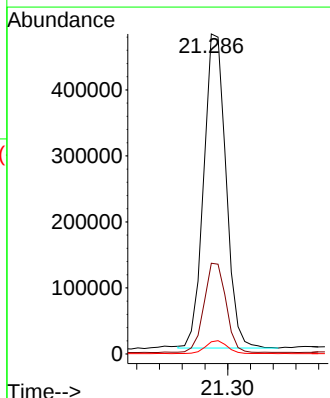
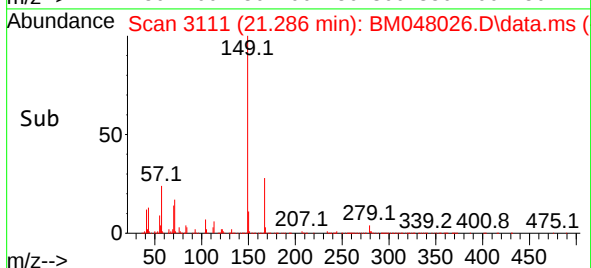
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024

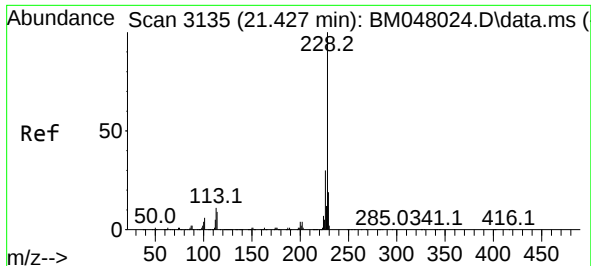


#86
Bis(2-ethylhexyl)phthalate
Concen: 9.555 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM048026.D
Acq: 14 Oct 2024 13:35



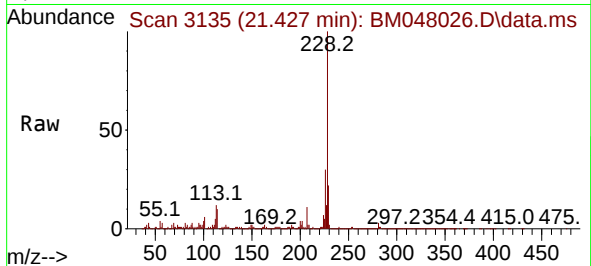
Tgt Ion:149 Resp: 646502
Ion Ratio Lower Upper
149 100
167 28.3 21.3 31.9
279 3.8 2.7 4.1





#87
Chrysene
Concen: 11.798 ng/ul
RT: 21.427 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BM048026.D
Acq: 14 Oct 2024 13:35

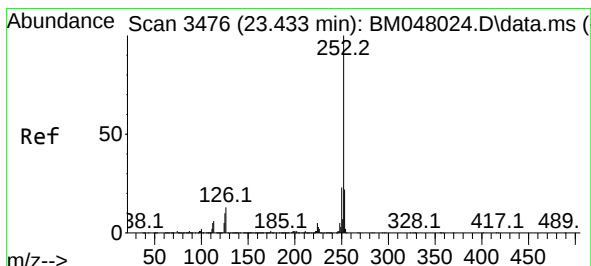
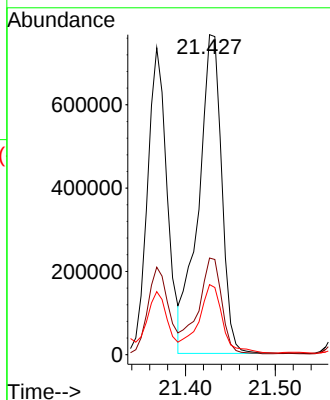
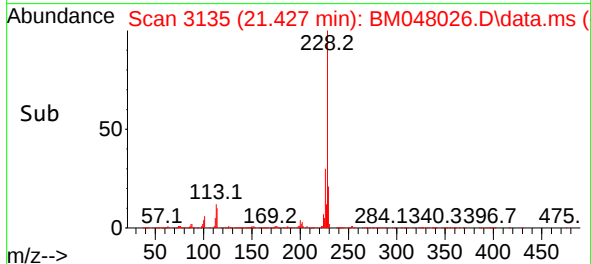
Instrument :
BNA_M
ClientSampleId :
A4EG1



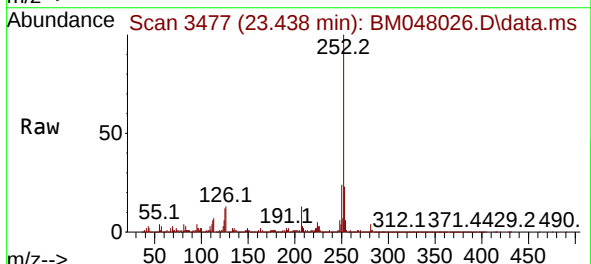
Tgt Ion:228 Resp: 137983
Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 21.9 15.3 22.9

Manual Integrations
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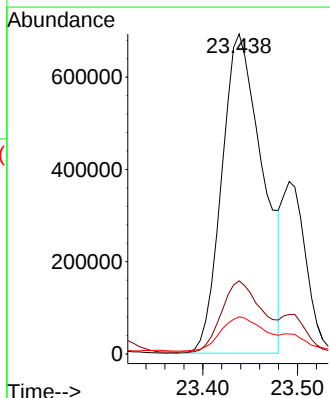
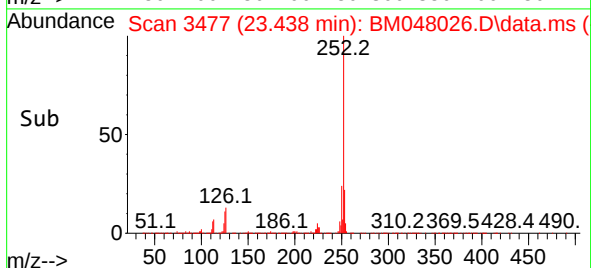
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024

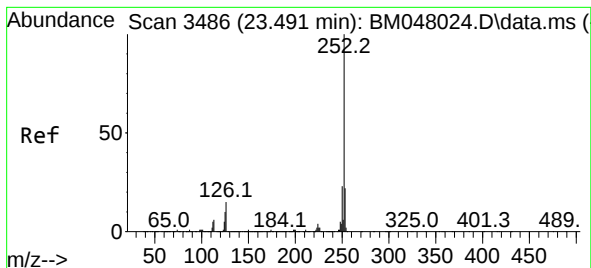


#90
Benzo(b)fluoranthene
Concen: 16.305 ng/ul
RT: 23.438 min Scan# 3477
Delta R.T. 0.012 min
Lab File: BM048026.D
Acq: 14 Oct 2024 13:35



Tgt Ion:252 Resp: 2084017
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 11.6 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 4.881 ng/ul

RT: 23.491 min Scan# 3486

Delta R.T. 0.006 min

Lab File: BM048026.D

Acq: 14 Oct 2024 13:35

Instrument :

BNA_M

ClientSampleId :

A4EG1

Tgt Ion:252 Resp: 63784

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

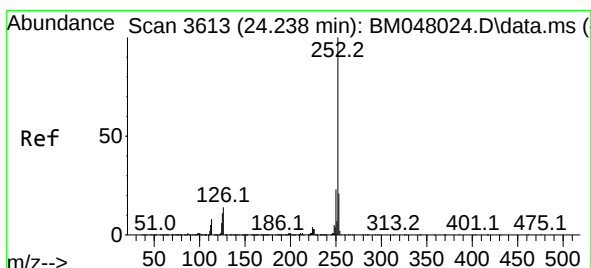
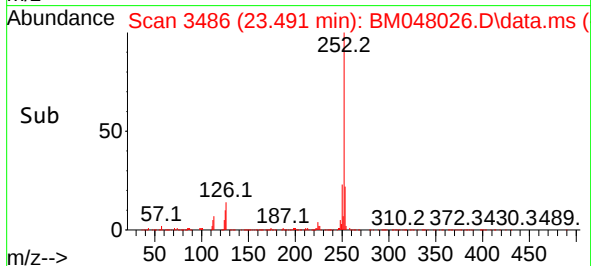
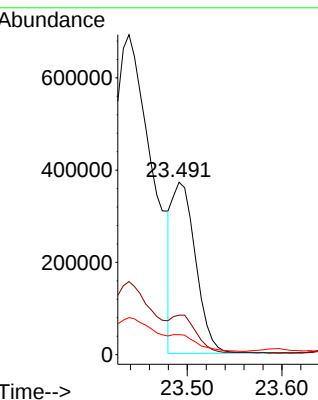
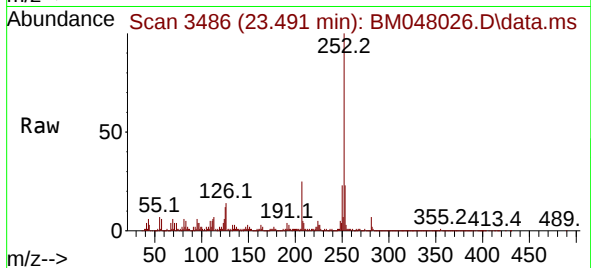
125 11.6 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/17/2024



#93

Benzo(a)pyrene

Concen: 6.331 ng/ul

RT: 24.244 min Scan# 3614

Delta R.T. 0.012 min

Lab File: BM048026.D

Acq: 14 Oct 2024 13:35

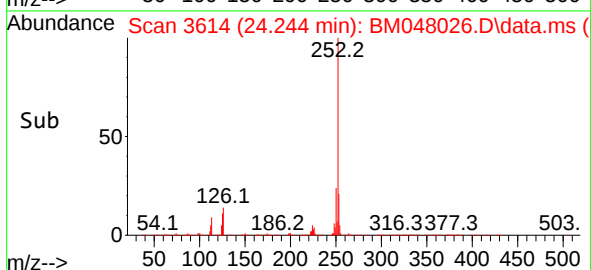
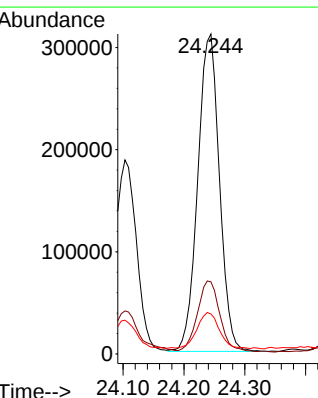
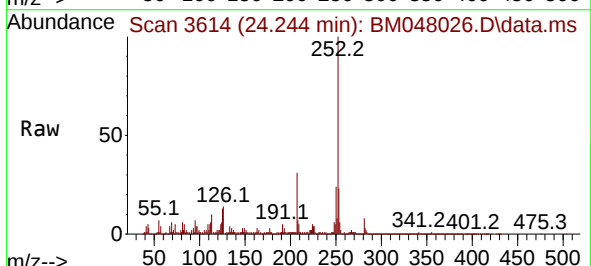
Tgt Ion:252 Resp: 768460

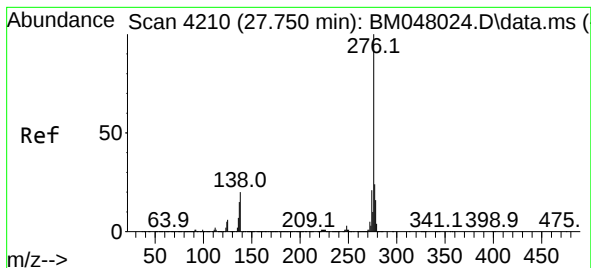
Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 12.5 10.1 15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.229 ng/ul

RT: 27.756 min Scan# 4210

Delta R.T. 0.012 min

Lab File: BM048026.D

Acq: 14 Oct 2024 13:35

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:276 Resp: 81343

Ion Ratio Lower Upper

276 100

138 22.5 16.9 25.3

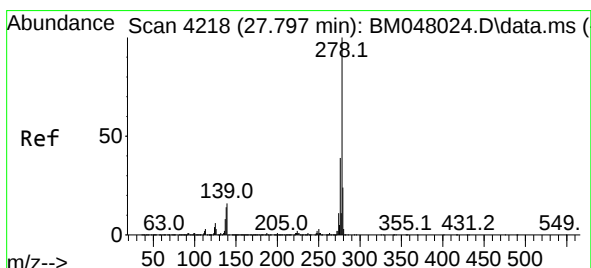
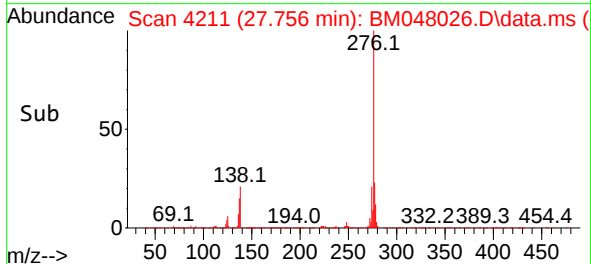
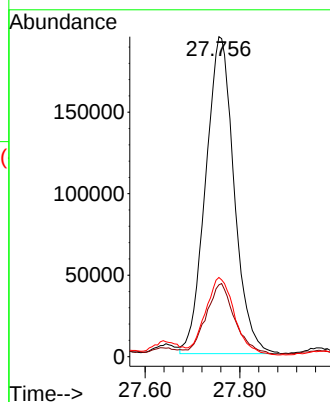
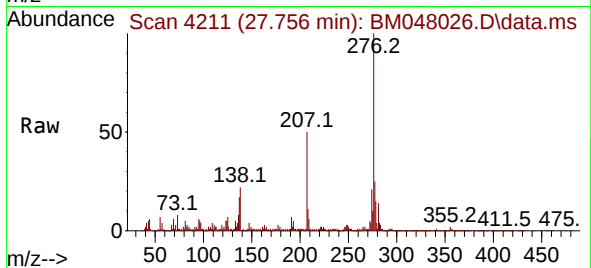
277 24.8 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/17/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.013 ng/ul

RT: 27.797 min Scan# 4218

Delta R.T. -0.000 min

Lab File: BM048026.D

Acq: 14 Oct 2024 13:35

Tgt Ion:278 Resp: 256638

Ion Ratio Lower Upper

278 100

139 18.7 13.4 20.2

279 27.1 18.4 27.6

