

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048046.D
 Acq On : 15 Oct 2024 02:48
 Operator : RC/JU
 Sample : P4238-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4F12

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 03:25:24 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	276691	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1096782	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.421	164	674992	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.162	188	1373380	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1293660	20.000	ng/u1	0.00
88) Perylene-d12	24.380	264	1513731	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	10324	1.206	ng/uL	0.00
4) Pyridine-d5	3.669	84	18120m	0.723	ng/u1	0.01
7) Phenol-d5	6.957	99	166803	6.375	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	102785	5.536	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	148418	7.797	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	109847	5.647	ng/u1	0.00
21) Nitrobenzene-d5	8.939	128	66521	7.618	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	71573	8.553	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	130517	7.807	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	43665	1.690	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	404875	8.273	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	476034	8.204	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	38979m	4.001	ng/u1	0.02
60) Fluorene-d10	15.410	176	376088	8.872	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	30417	3.785	ng/u1	0.00
73) Anthracene-d10	17.256	188	573404	8.491	ng/u1	0.00
81) Pyrene-d10	19.545	212	621661	8.467	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.168	264	479710	6.108	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.604	105	40633	1.221	ng/u1	93
72) Phenanthrene	17.204	178	364376	4.524	ng/u1	99
80) Fluoranthene	19.215	202	1011431	11.697	ng/u1	99
82) Pyrene	19.574	202	725583	7.539	ng/u1	98
85) Benzo(a)anthracene	21.368	228	439226	4.849	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.286	149	198552	3.887	ng/u1	98
87) Chrysene	21.427	228	538678	6.100	ng/u1	98
90) Benzo(b)fluoranthene	23.433	252	789798	8.367	ng/u1	99
91) Benzo(k)fluoranthene	23.491	252	271808m	2.816	ng/u1	
93) Benzo(a)pyrene	24.238	252	263285	2.937	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.744	276	284274	2.474	ng/u1	96
95) Dibenzo(a,h)anthracene	27.791	278	97334	1.034	ng/u1#	85

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

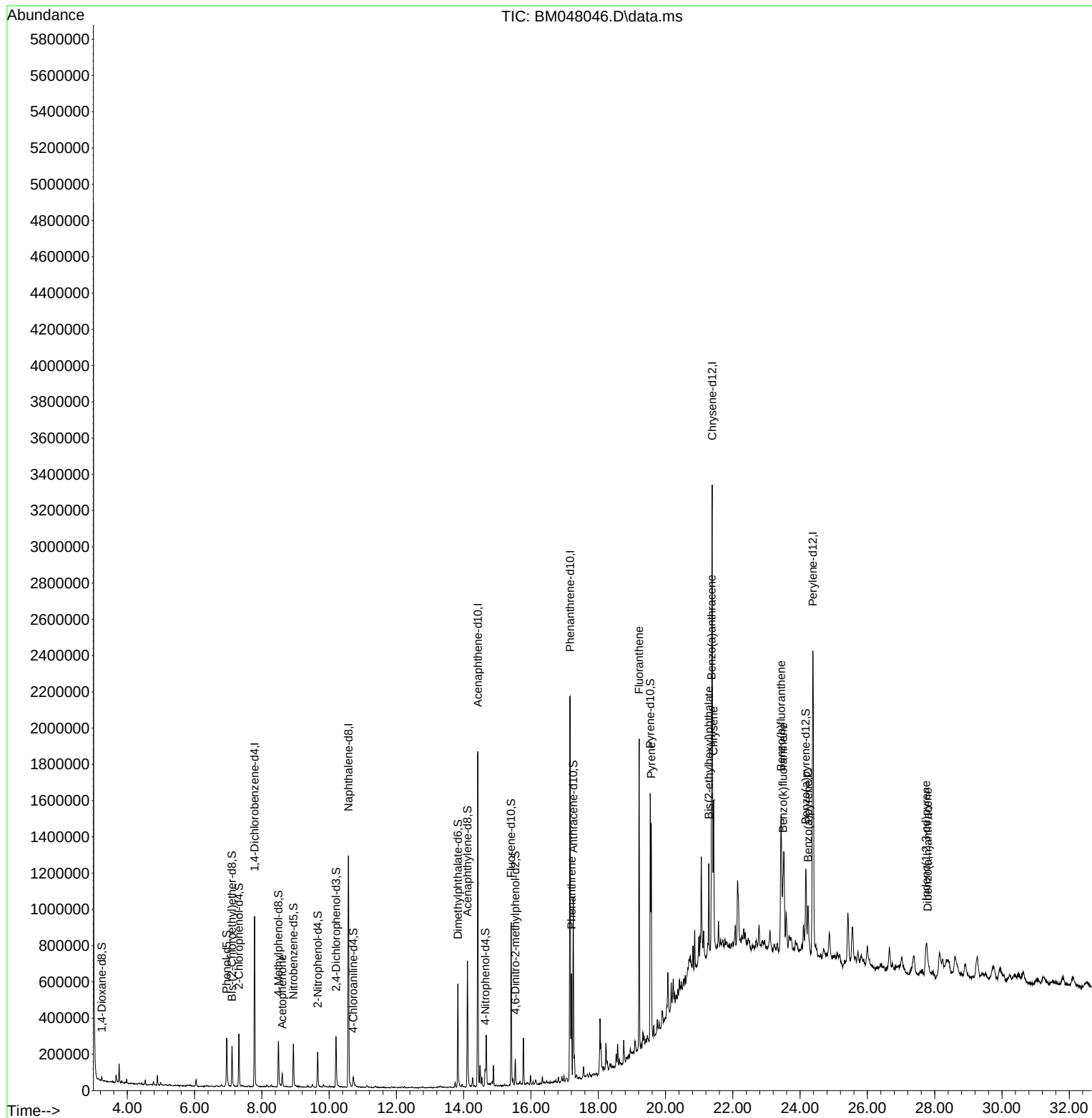
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048046.D
Acq On : 15 Oct 2024 02:48
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Sample : P4238-02
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ALS Vial : 23 Sample Multiplier: 1

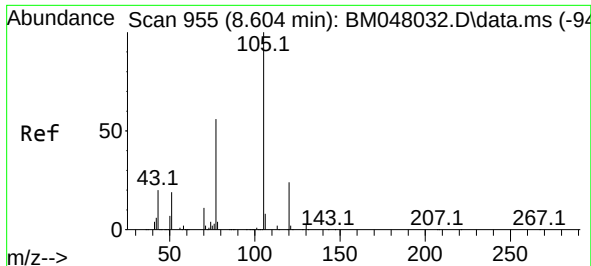
Instrument :
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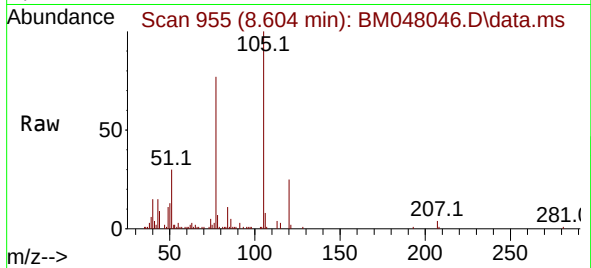
Quant Time: Oct 15 03:25:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
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#16
Acetophenone
Concen: 1.221 ng/ul
RT: 8.604 min Scan# 955
Delta R.T. -0.006 min
Lab File: BM048046.D
Acq: 15 Oct 2024 02:48

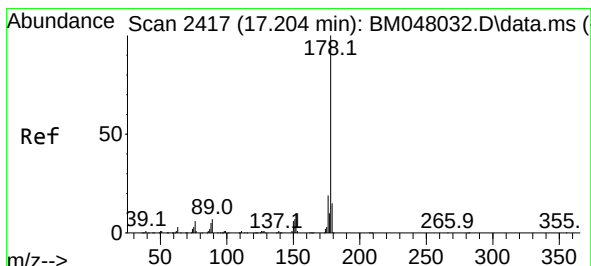
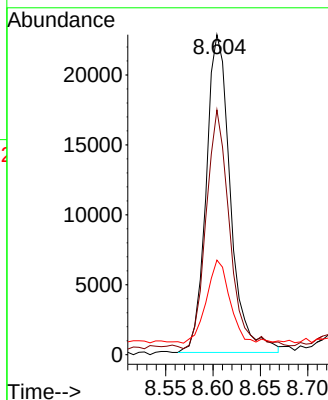
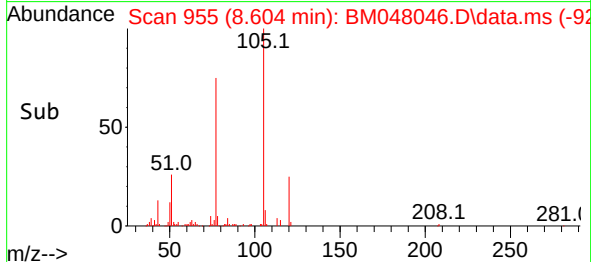
Instrument :
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ClientSampleId :
A4F12



Tgt Ion:105 Resp: 4063
Ion Ratio Lower Upper
105 100
77 76.5 66.6 100.0
51 29.6 27.0 40.4

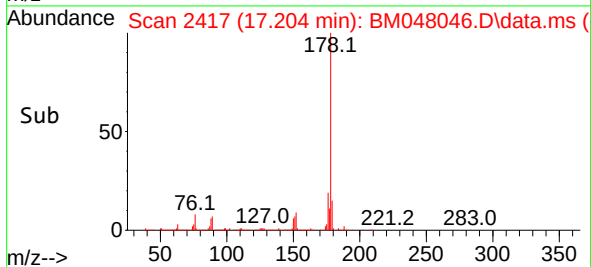
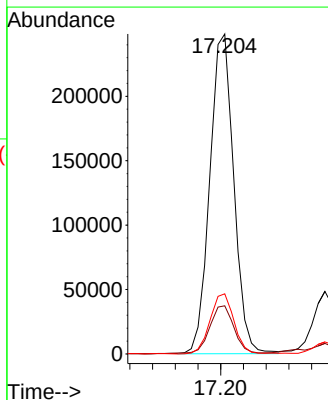
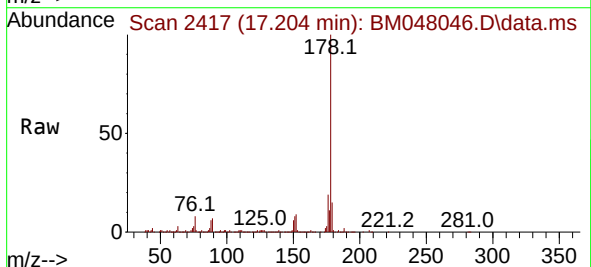
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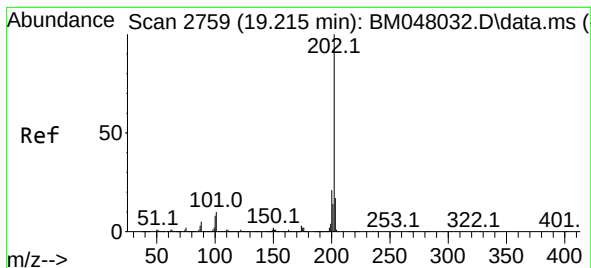
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024



#72
Phenanthrene
Concen: 4.524 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM048046.D
Acq: 15 Oct 2024 02:48

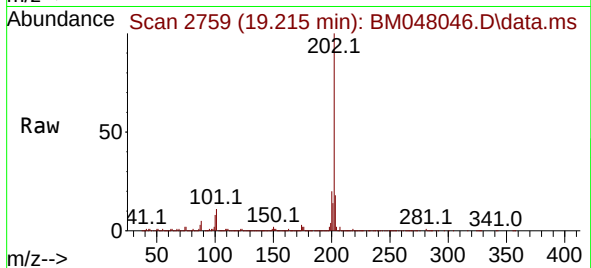
Tgt Ion:178 Resp: 364376
Ion Ratio Lower Upper
178 100
179 15.1 12.0 18.0
176 18.8 15.4 23.0





#80
Fluoranthene
Concen: 11.697 ng/u1
RT: 19.215 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048046.D
Acq: 15 Oct 2024 02:48

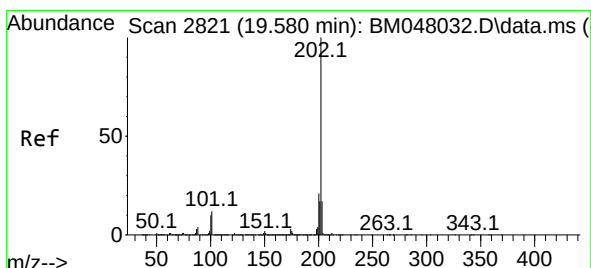
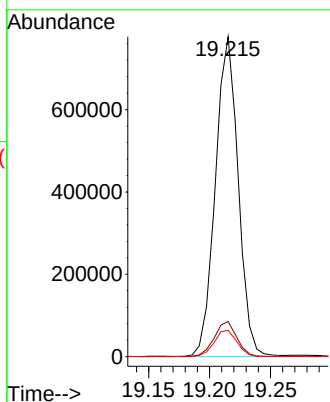
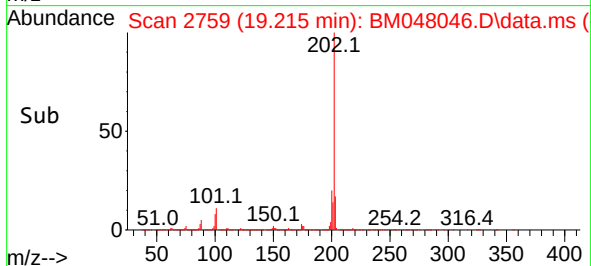
Instrument :
BNA_M
ClientSampleId :
A4F12



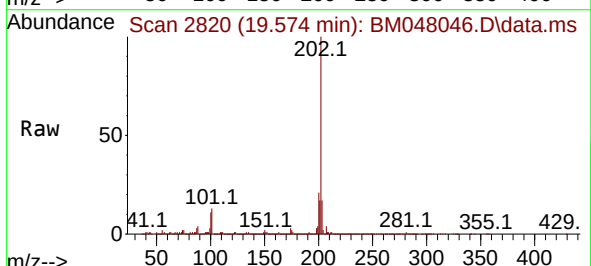
Tgt Ion:202 Resp: 101143
Ion Ratio Lower Upper
202 100
101 11.0 9.0 13.4
100 8.2 6.8 10.2

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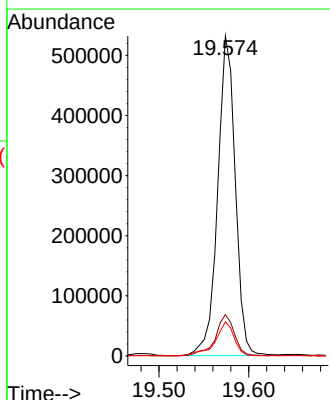
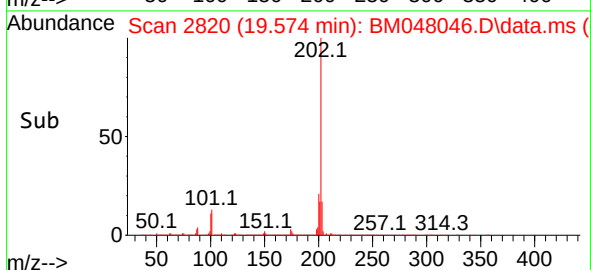
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024

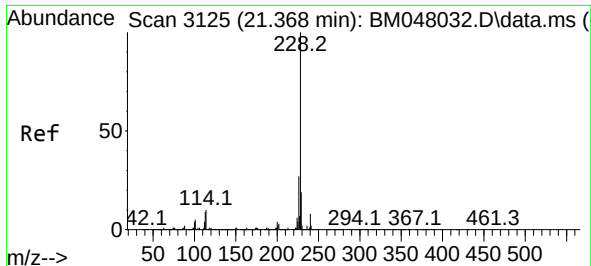


#82
Pyrene
Concen: 7.539 ng/u1
RT: 19.574 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BM048046.D
Acq: 15 Oct 2024 02:48



Tgt Ion:202 Resp: 725583
Ion Ratio Lower Upper
202 100
101 12.9 10.9 16.3
100 10.6 9.4 14.2





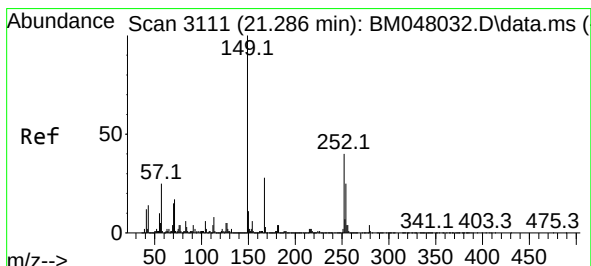
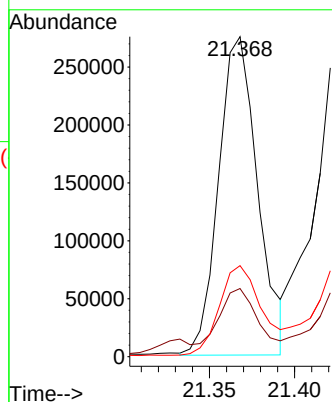
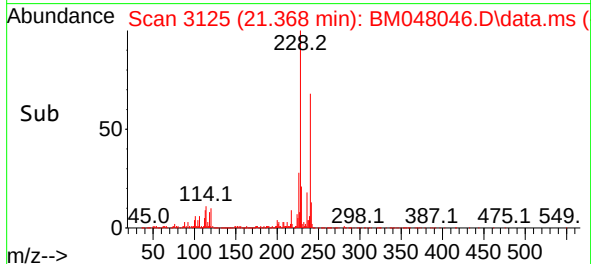
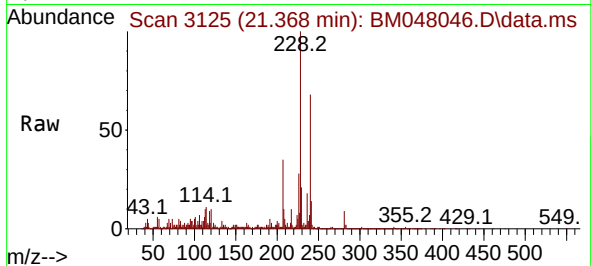
#85
Benzo(a)anthracene
Concen: 4.849 ng/ul
RT: 21.368 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BM048046.D
Acq: 15 Oct 2024 02:48

Instrument :
BNA_M
ClientSampleId :
A4F12

Tgt Ion:228 Resp: 439220
Ion Ratio Lower Upper
228 100
229 21.3 15.6 23.4
226 28.4 21.9 32.9

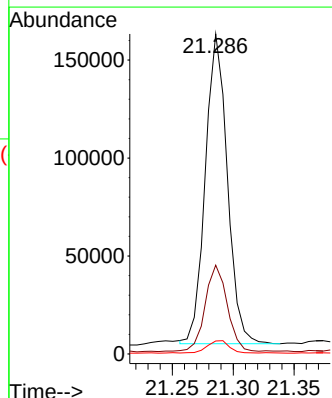
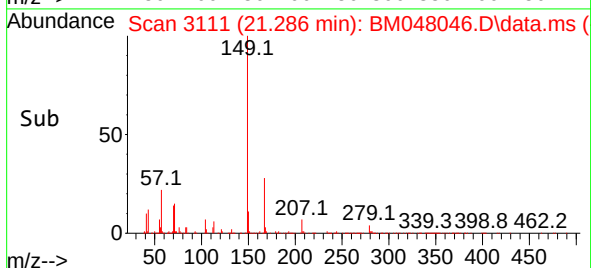
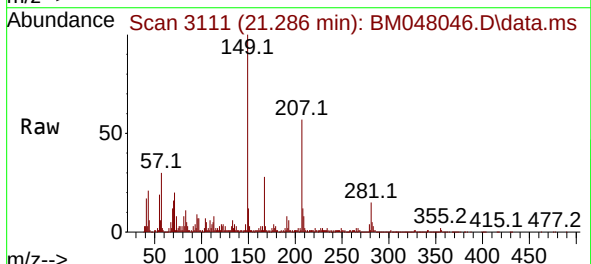
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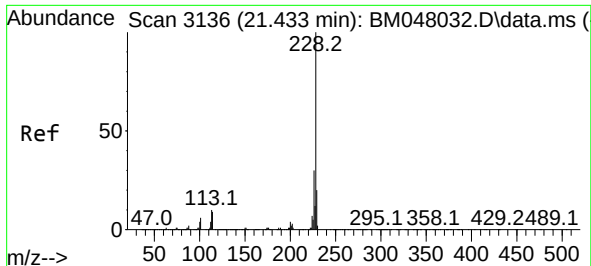
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.887 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM048046.D
Acq: 15 Oct 2024 02:48

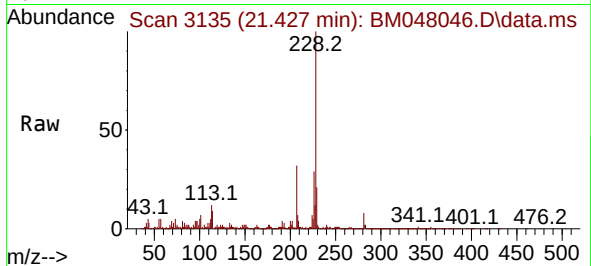
Tgt Ion:149 Resp: 198552
Ion Ratio Lower Upper
149 100
167 27.8 21.3 31.9
279 4.0 2.7 4.1





#87
Chrysene
Concen: 6.100 ng/ul
RT: 21.427 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BM048046.D
Acq: 15 Oct 2024 02:48

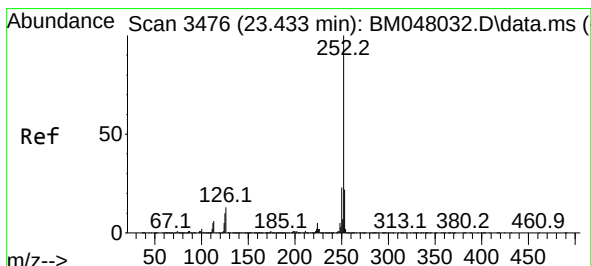
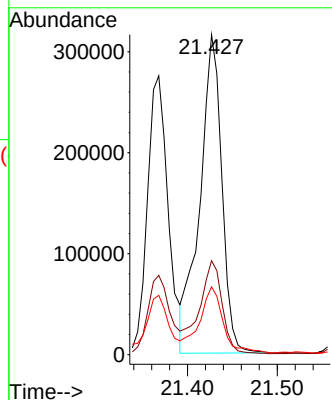
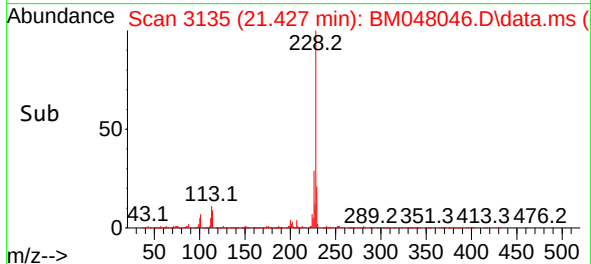
Instrument :
BNA_M
ClientSampleId :
A4F12



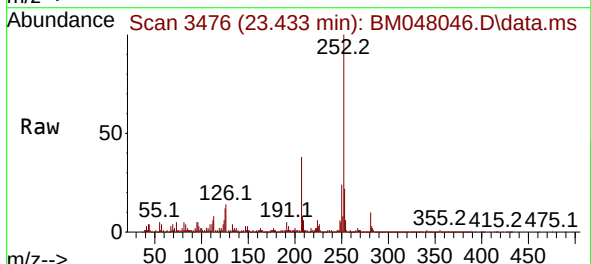
Tgt Ion:228 Resp: 538678
Ion Ratio Lower Upper
228 100
226 29.4 23.6 35.4
229 21.2 15.3 22.9

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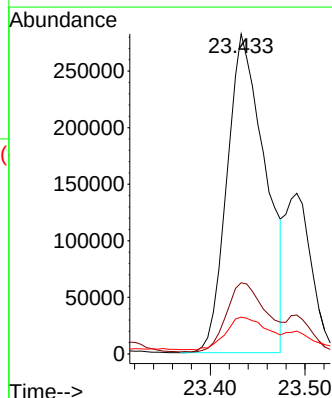
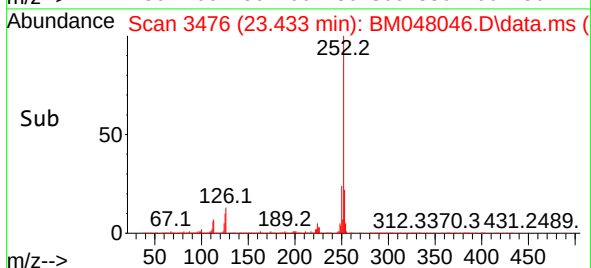
Reviewed By :Yogesh Patel 10/15/2024
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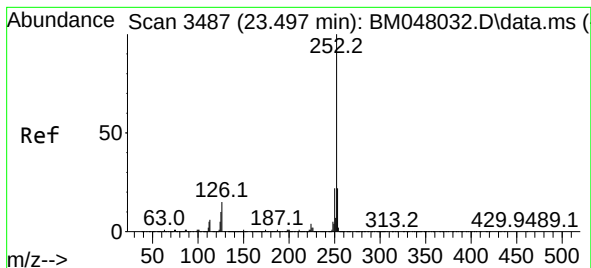


#90
Benzo(b)fluoranthene
Concen: 8.367 ng/ul
RT: 23.433 min Scan# 3476
Delta R.T. 0.006 min
Lab File: BM048046.D
Acq: 15 Oct 2024 02:48



Tgt Ion:252 Resp: 789798
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 11.5 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 2.816 ng/ul m

RT: 23.491 min Scan# 3487

Delta R.T. 0.006 min

Lab File: BM048046.D

Acq: 15 Oct 2024 02:48

Instrument :

BNA_M

ClientSampleId :

A4F12

Tgt Ion:252 Resp: 271808

Ion Ratio Lower Upper

252 100

253 24.2 17.5 26.3

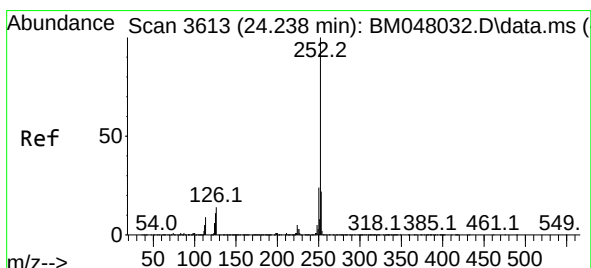
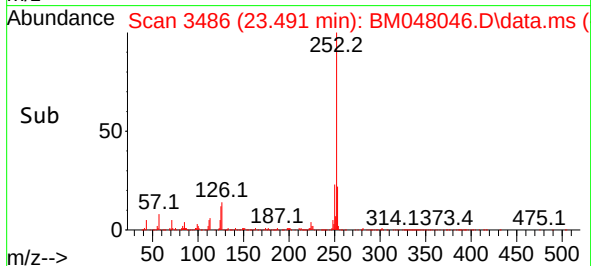
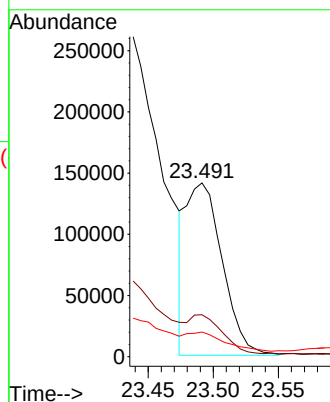
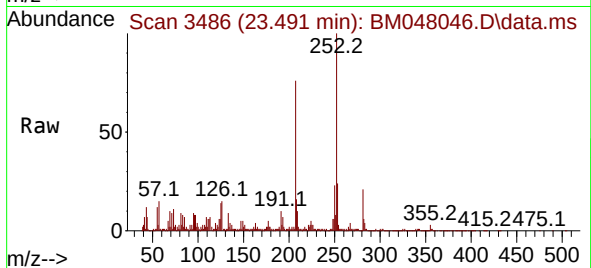
125 14.2 8.9 13.3

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.937 ng/ul

RT: 24.238 min Scan# 3613

Delta R.T. 0.006 min

Lab File: BM048046.D

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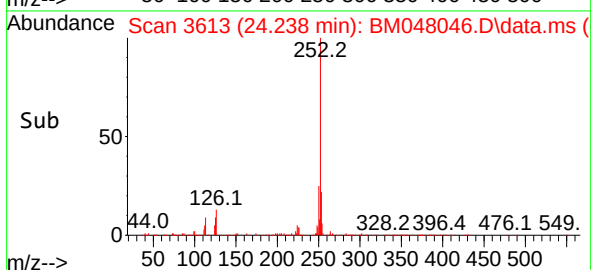
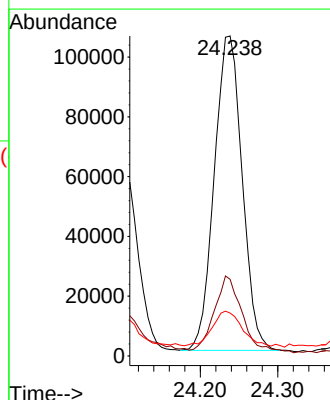
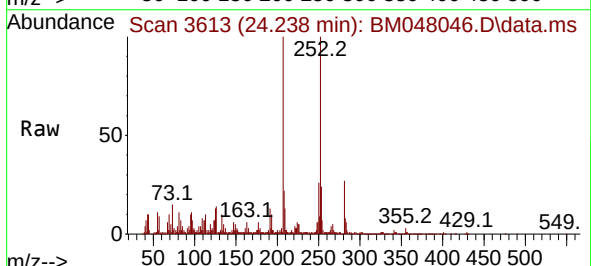
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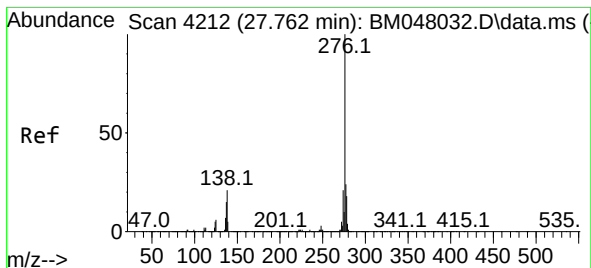
Ion Ratio Lower Upper

252 100

253 23.9 17.2 25.8

125 13.4 10.1 15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.474 ng/ul

RT: 27.744 min Scan# 41

Delta R.T. -0.000 min

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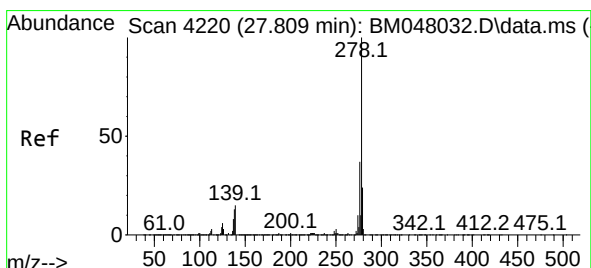
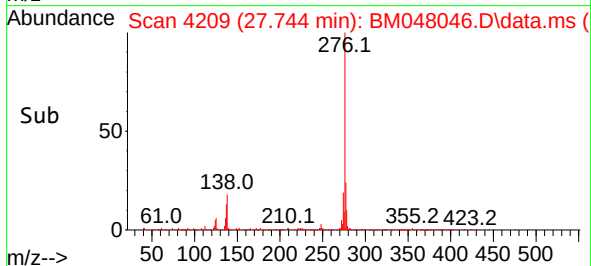
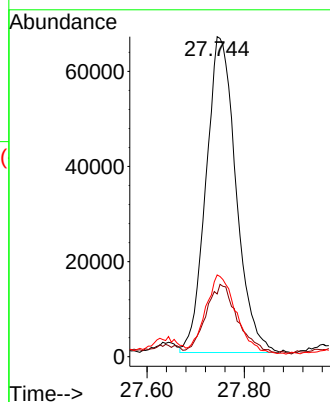
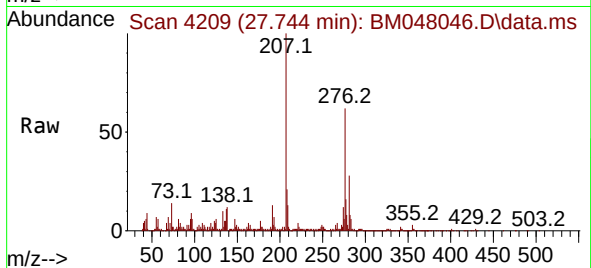
Tgt Ion:	276	Resp:	284274
Ion Ratio	Lower	Upper	
276	100		
138	19.6	16.9	25.3
277	25.5	18.9	28.3

Manual Integrations

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Supervised By :mohammad ahmed 10/17/2024



#95

Dibenzo(a,h)anthracene

Concen: 1.034 ng/ul

RT: 27.791 min Scan# 4217

Delta R.T. -0.006 min

Lab File: BM048046.D

Acq: 15 Oct 2024 02:48

Tgt Ion:	278	Resp:	97334
Ion Ratio	Lower	Upper	
278	100		
139	21.9	13.4	20.2#
279	31.3	18.4	27.6#

