

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048052.D
 Acq On : 15 Oct 2024 07:25
 Operator : RC/JU
 Sample : P4238-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EY7

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 07:59:48 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	315104	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1255422	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	767460	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.163	188	1543580	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	1226197	20.000	ng/ul	0.00
88) Perylene-d12	24.398	264	1475289	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	7736	0.793	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.958	99	261590	8.779	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	148576	7.027	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	225589	10.406	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	193817	8.749	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	105391	10.544	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	119578	12.483	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	210831	11.018	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	18715m	0.633	ng/ul	0.01
46) Dimethylphthalate-d6	13.828	166	604900	10.871	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	729153	11.053	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	82156m	7.416	ng/ul	0.01
60) Fluorene-d10	15.410	176	548023	11.371	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	40998	4.539	ng/ul	0.00
73) Anthracene-d10	17.257	188	845154	11.135	ng/ul	0.00
81) Pyrene-d10	19.551	212	819349	11.774	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.192	264	596183	7.789	ng/ul	0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.605	105	54159	1.429	ng/ul#	93
50) Acenaphthylene	14.139	152	167607	2.253	ng/ul	99
52) Acenaphthene	14.481	153	70929	1.349	ng/ul	98
61) Fluorene	15.469	166	85696	1.451	ng/ul	98
72) Phenanthrene	17.204	178	2002613	22.123	ng/ul	99
74) Anthracene	17.292	178	441448	4.781	ng/ul	99
77) Carbazole	17.563	167	247013	2.952	ng/ul	99
80) Fluoranthene	19.221	202	4653699	56.778	ng/ul	99
82) Pyrene	19.580	202	3360476	36.837	ng/ul	96
85) Benzo(a)anthracene	21.374	228	1935514	22.544	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.292	149	598177	12.354	ng/ul#	97
87) Chrysene	21.433	228	2368354	28.296	ng/ul	98
90) Benzo(b)fluoranthene	23.451	252	3513553	38.190	ng/ul	98
91) Benzo(k)fluoranthene	23.504	252	1097852	11.670	ng/ul	97
93) Benzo(a)pyrene	24.256	252	1226853	14.041	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.792	276	1342796	11.992	ng/ul	98
95) Dibenzo(a,h)anthracene	27.833	278	442603	4.823	ng/ul#	90
96) Benzo(g,h,i)perylene	28.850	276	171853	1.959	ng/ul#	90

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

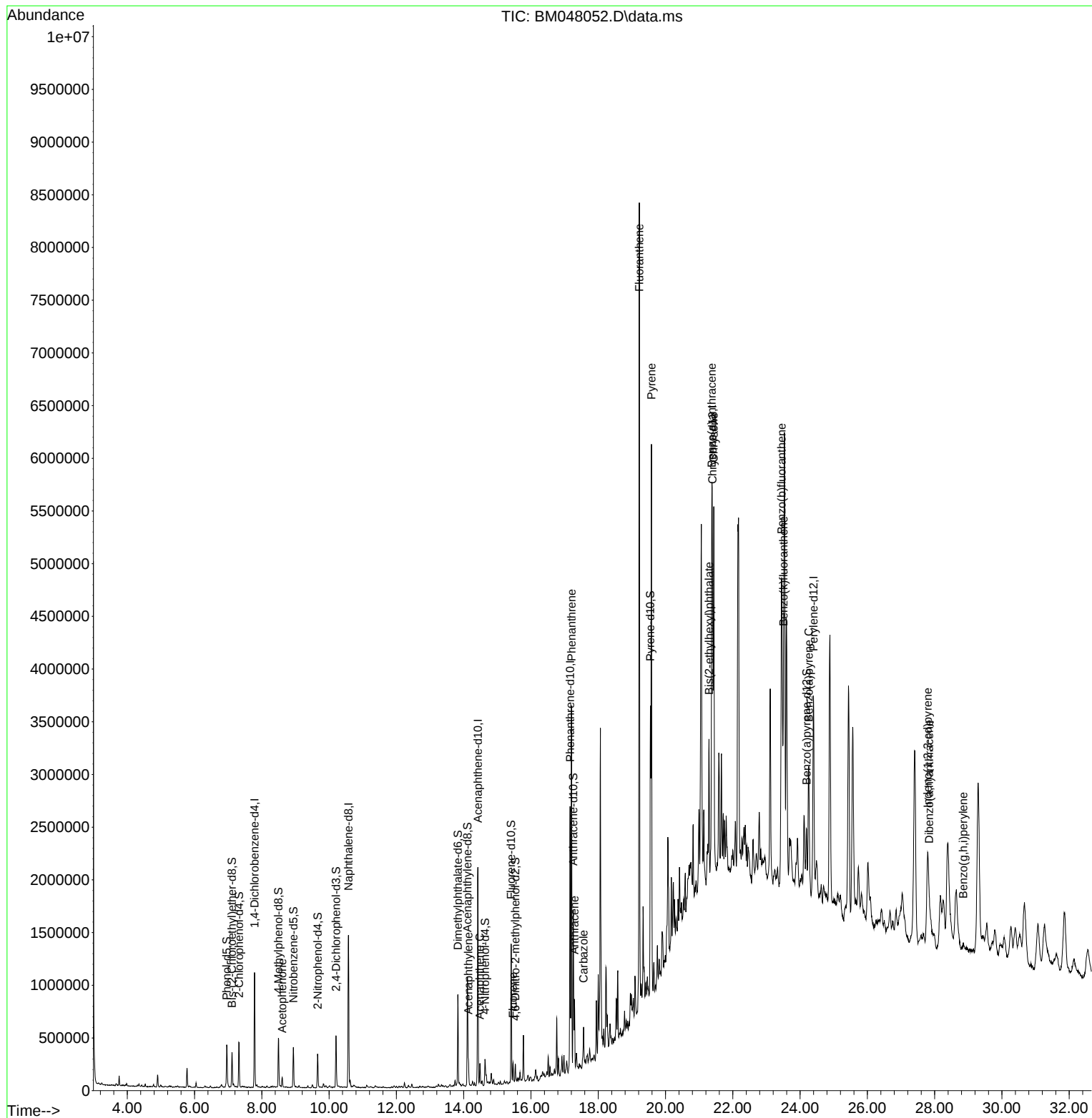
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048052.D
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ALS Vial : 30 Sample Multiplier: 1

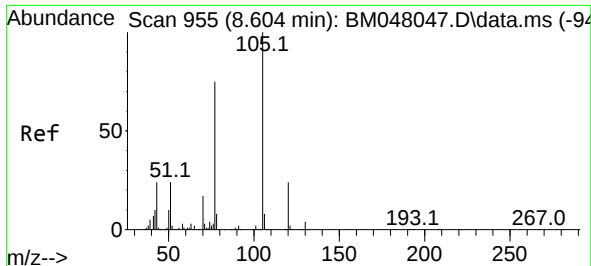
Instrument :
BNA_M
ClientSampleId :
A4EY7

Quant Time: Oct 15 07:59:48 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

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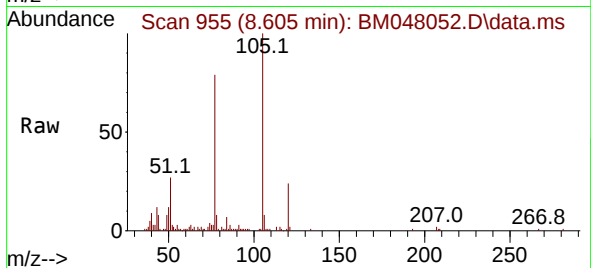
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024





#16
Acetophenone
Concen: 1.429 ng/ul
RT: 8.605 min Scan# 91
Delta R.T. -0.005 min
Lab File: BM048052.D
Acq: 15 Oct 2024 07:25

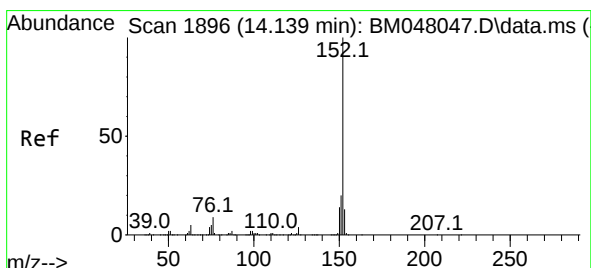
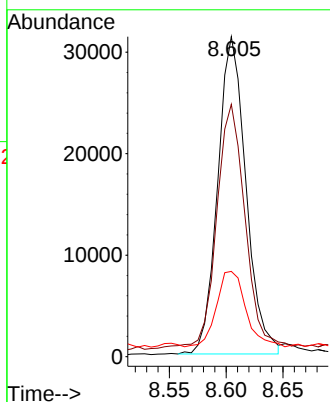
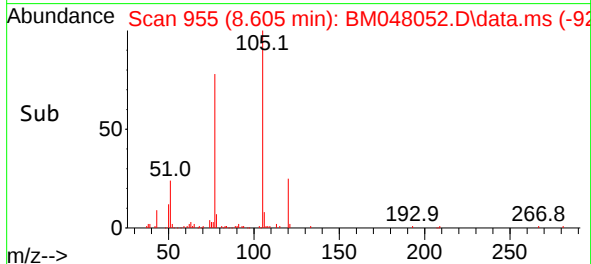
Instrument :
BNA_M
ClientSampleId :
A4EY7



Tgt Ion:105 Resp: 54159
Ion Ratio Lower Upper
105 100
77 78.8 66.6 100.0
51 26.7 27.0 40.4

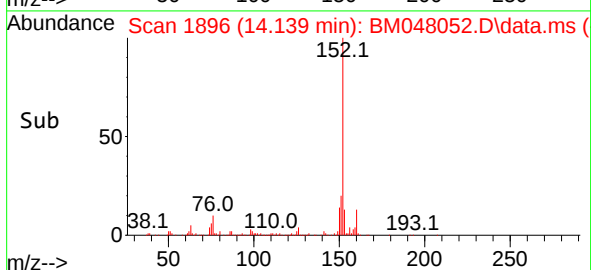
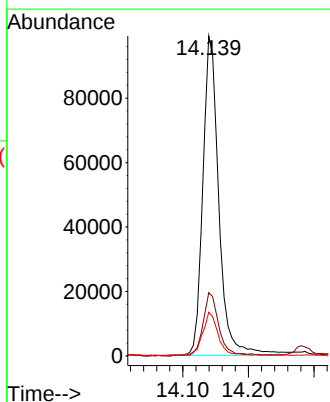
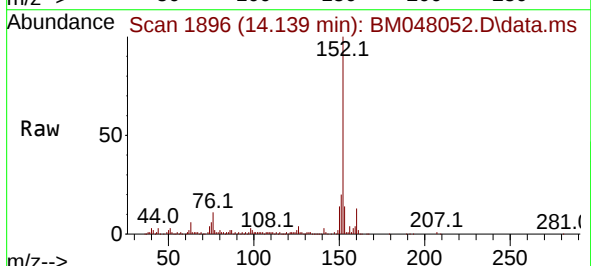
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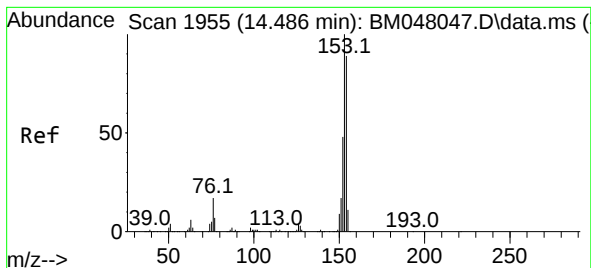
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#50
Acenaphthylene
Concen: 2.253 ng/ul
RT: 14.139 min Scan# 1896
Delta R.T. -0.005 min
Lab File: BM048052.D
Acq: 15 Oct 2024 07:25

Tgt Ion:152 Resp: 167607
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.7 10.7 16.1





#52

Acenaphthene

Concen: 1.349 ng/ul

RT: 14.481 min Scan# 1954

Delta R.T. -0.005 min

Lab File: BM048052.D

Acq: 15 Oct 2024 07:25

Instrument :

BNA_M

ClientSampleId :

A4EY7

Tgt Ion:153 Resp: 70929

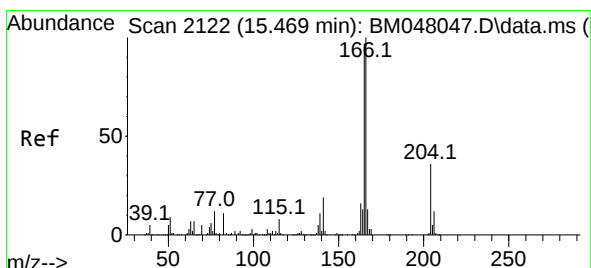
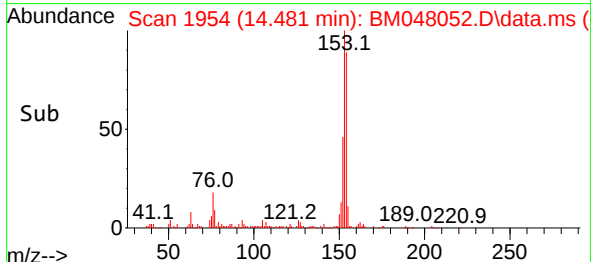
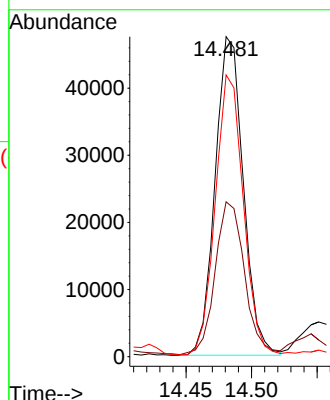
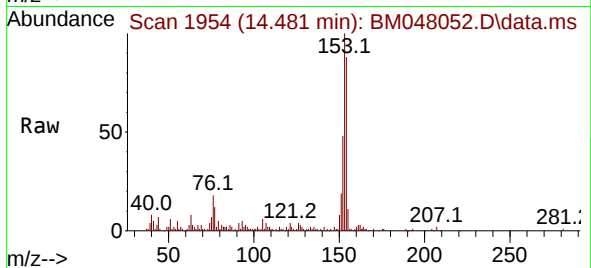
Ion	Ratio	Lower	Upper
153	100		
152	48.4	39.7	59.5
154	88.0	72.6	108.8

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#61

Fluorene

Concen: 1.451 ng/ul

RT: 15.469 min Scan# 2122

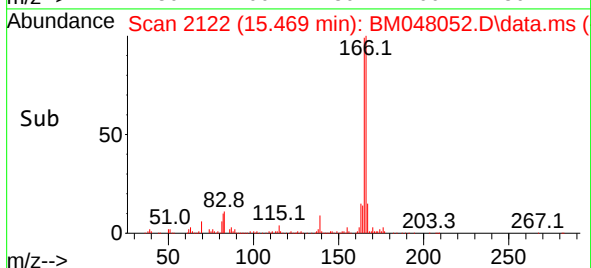
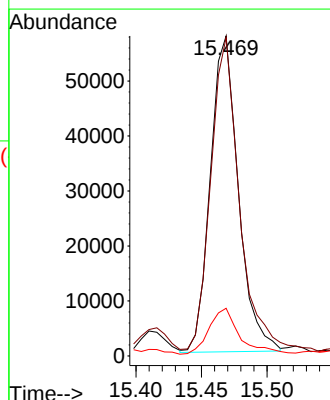
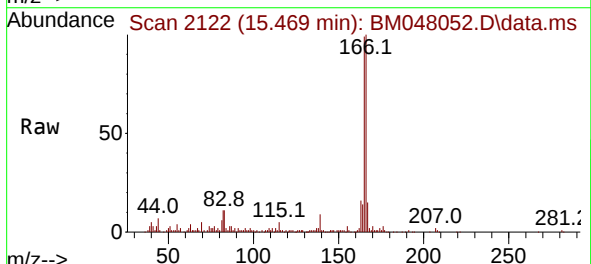
Delta R.T. 0.000 min

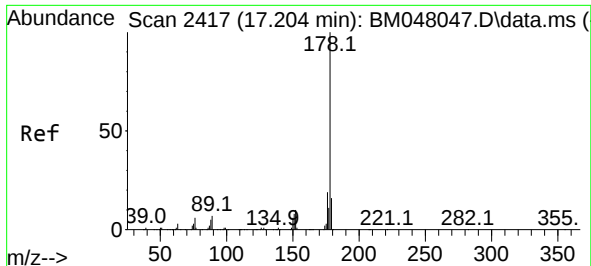
Lab File: BM048052.D

Acq: 15 Oct 2024 07:25

Tgt Ion:166 Resp: 85696

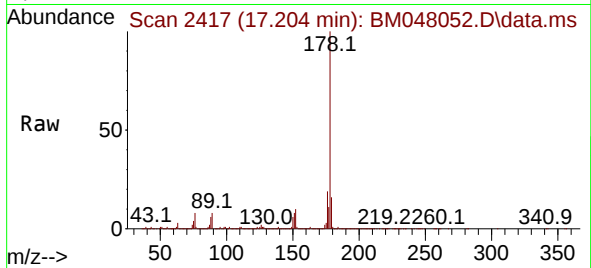
Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.8	116.6
167	14.9	10.8	16.2





#72
Phenanthrene
Concen: 22.123 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM048052.D
Acq: 15 Oct 2024 07:25

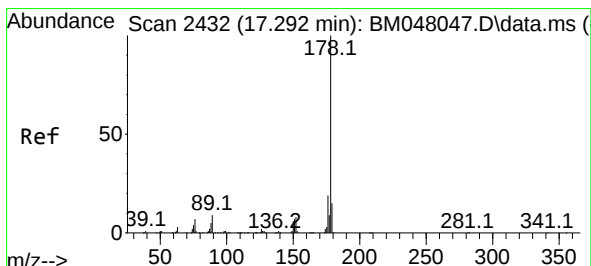
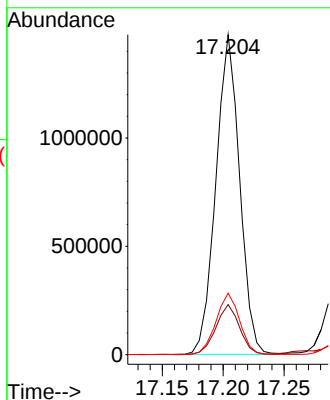
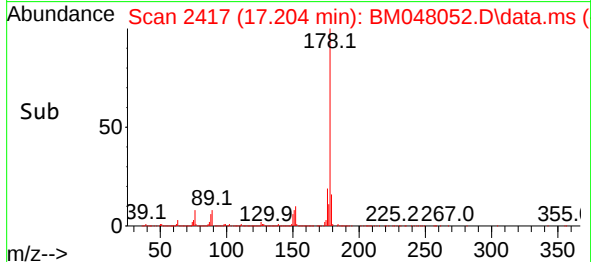
Instrument :
BNA_M
ClientSampleId :
A4EY7



Tgt Ion:178 Resp: 200261
Ion Ratio Lower Upper
178 100
179 15.7 12.0 18.0
176 19.2 15.4 23.0

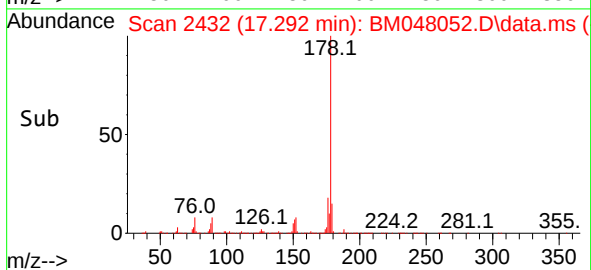
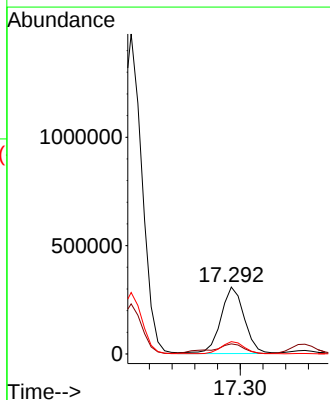
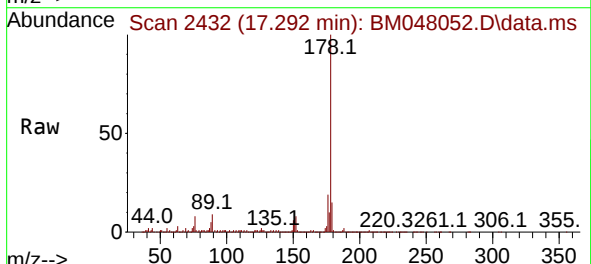
Manual Integrations
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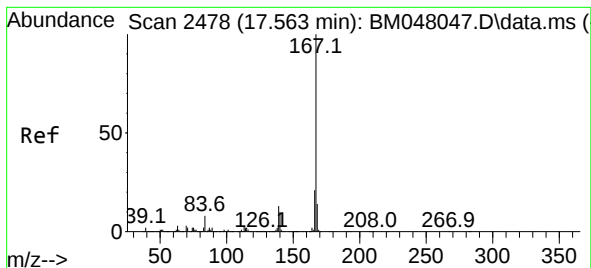
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#74
Anthracene
Concen: 4.781 ng/ul
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM048052.D
Acq: 15 Oct 2024 07:25

Tgt Ion:178 Resp: 441448
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 18.6 14.7 22.1





#77

Carbazole

Concen: 2.952 ng/ul

RT: 17.563 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BM048052.D

Acq: 15 Oct 2024 07:25

Instrument :

BNA_M

ClientSampleId :

A4EY7

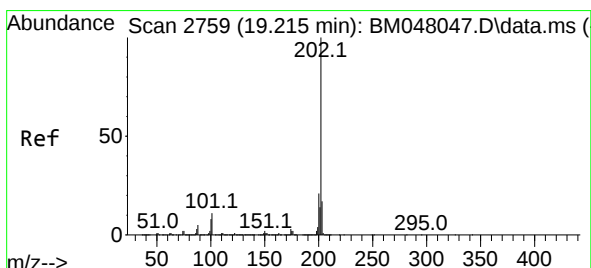
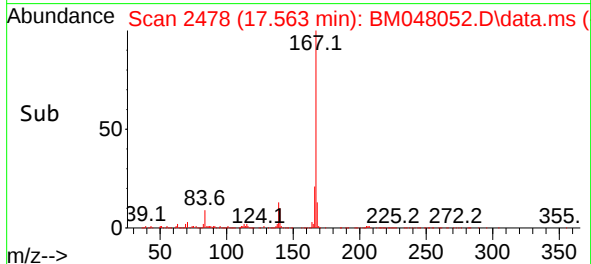
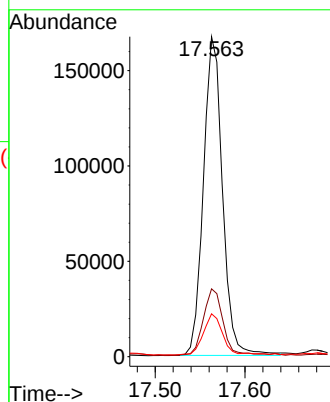
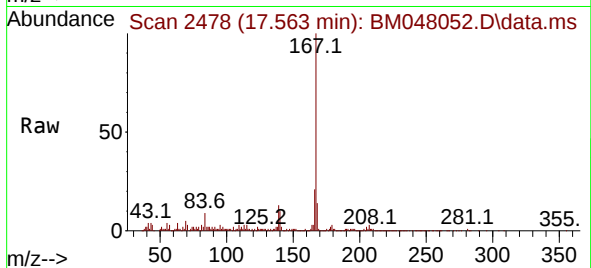
Tgt Ion:167	Resp: 24701
Ion Ratio	Lower Upper
167 100	
166 21.2	17.4 26.0
139 13.4	10.9 16.3

Manual Integrations

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Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/17/2024



#80

Fluoranthene

Concen: 56.778 ng/ul

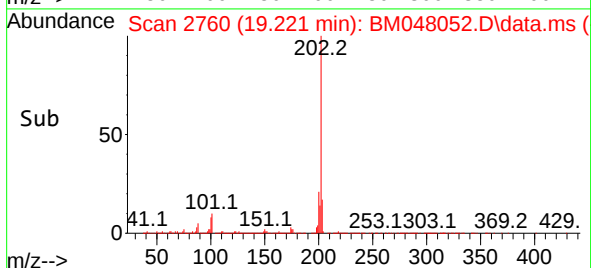
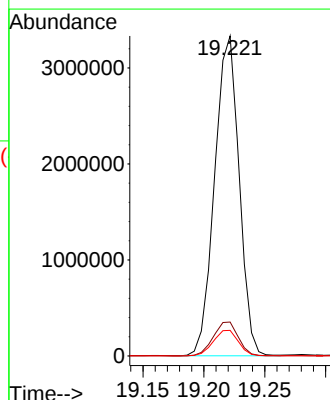
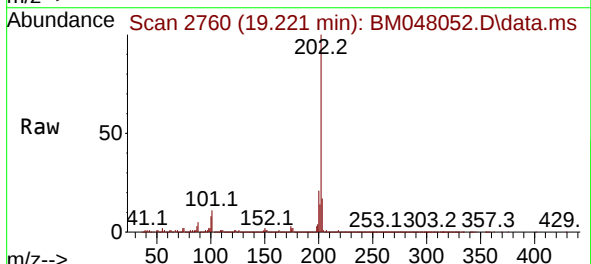
RT: 19.221 min Scan# 2760

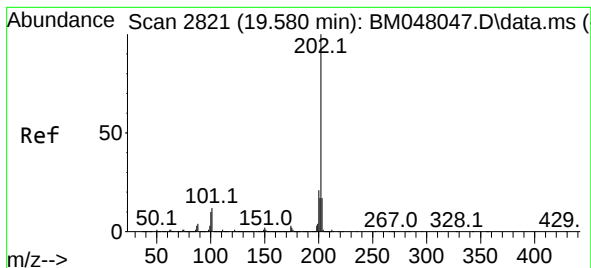
Delta R.T. 0.006 min

Lab File: BM048052.D

Acq: 15 Oct 2024 07:25

Tgt Ion:202	Resp: 4653699
Ion Ratio	Lower Upper
202 100	
101 10.6	9.0 13.4
100 8.0	6.8 10.2





#82

Pyrene

Concen: 36.837 ng/ul

RT: 19.580 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM048052.D

Acq: 15 Oct 2024 07:25

Instrument :

BNA_M

ClientSampleId :

A4EY7

Tgt Ion:202 Resp: 3360470

Ion Ratio Lower Upper

202 100

101 12.4 10.9 16.3

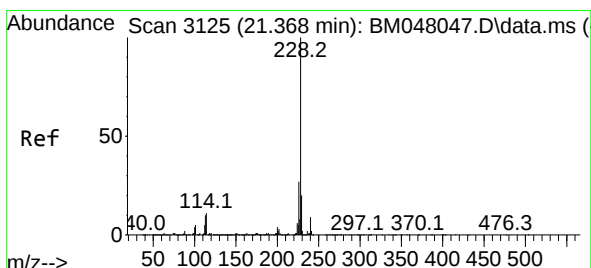
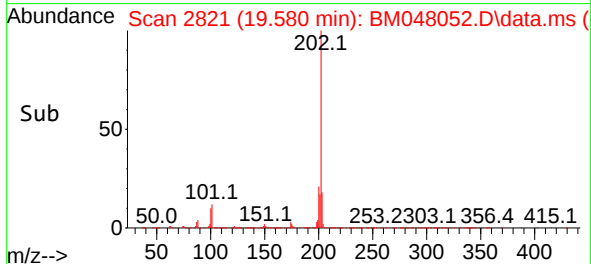
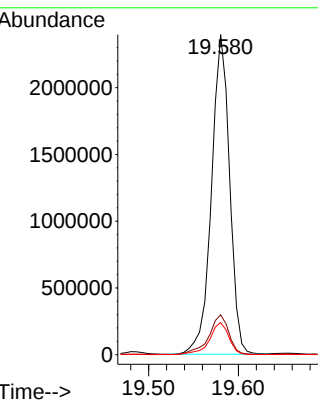
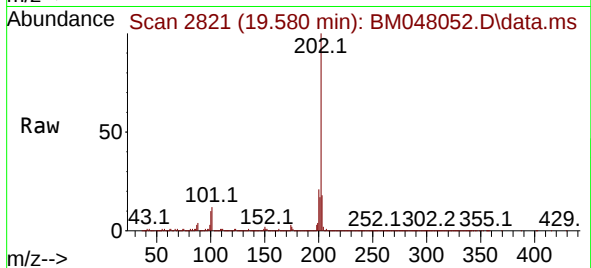
100 10.0 9.4 14.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/17/2024



#85

Benzo(a)anthracene

Concen: 22.544 ng/ul

RT: 21.374 min Scan# 3126

Delta R.T. 0.006 min

Lab File: BM048052.D

Acq: 15 Oct 2024 07:25

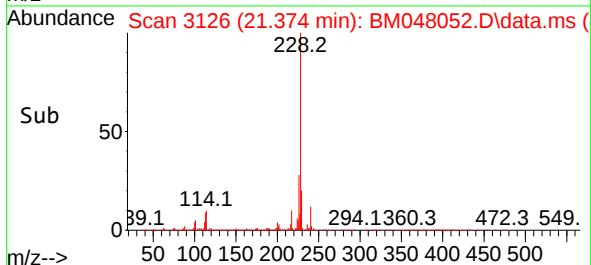
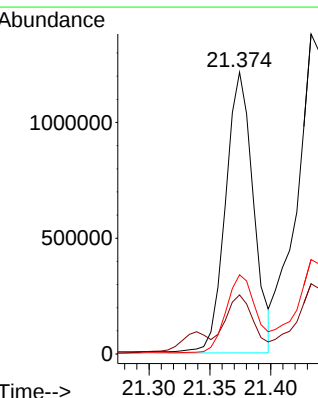
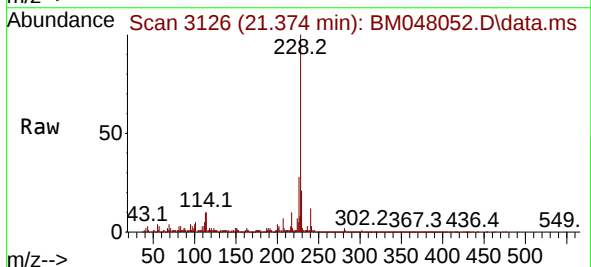
Tgt Ion:228 Resp: 1935514

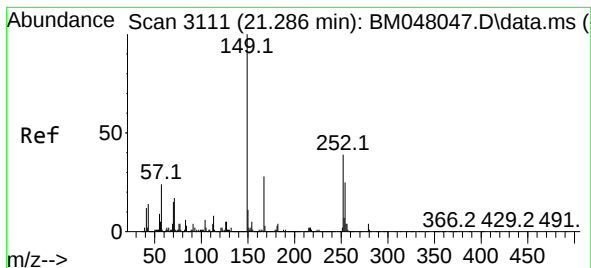
Ion Ratio Lower Upper

228 100

229 21.0 15.6 23.4

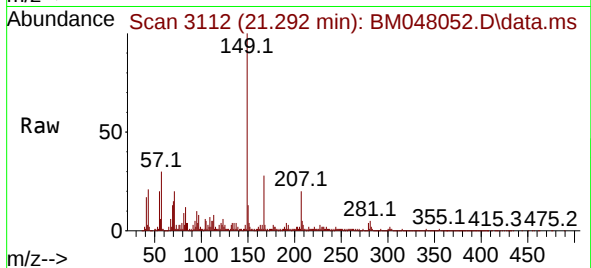
226 28.1 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 12.354 ng/ul
RT: 21.292 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM048052.D
Acq: 15 Oct 2024 07:25

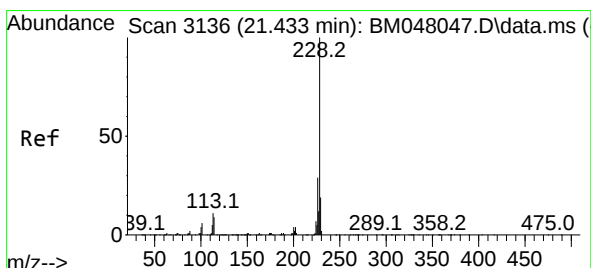
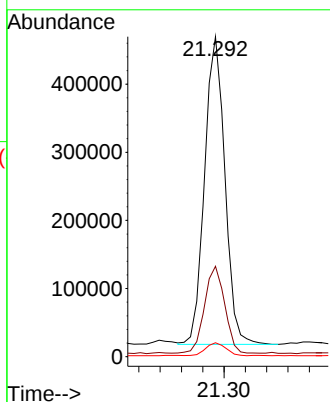
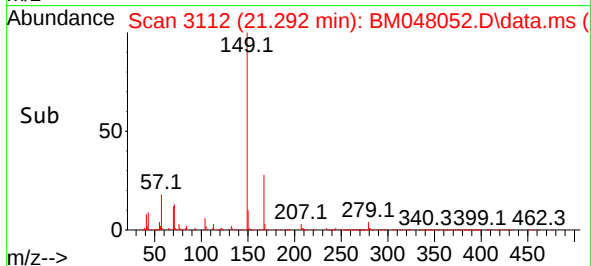
Instrument :
BNA_M
ClientSampleId :
A4EY7



Tgt Ion:149 Resp: 59817
Ion Ratio Lower Upper
149 100
167 28.3 21.3 31.9
279 4.3 2.7 4.1

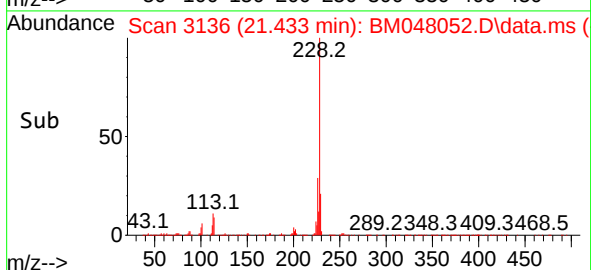
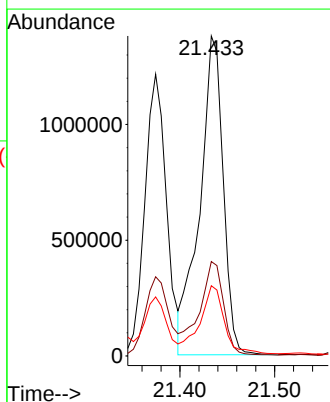
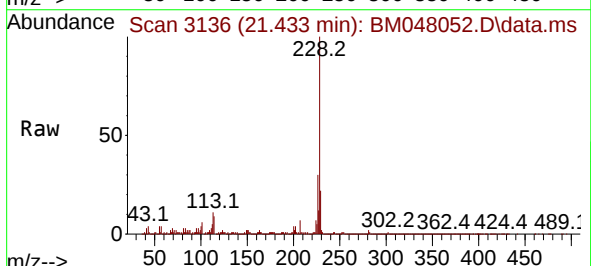
Manual Integrations
APPROVED

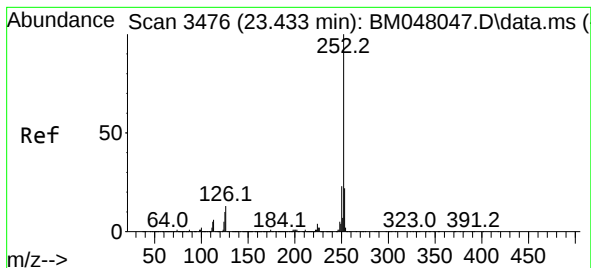
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#87
Chrysene
Concen: 28.296 ng/ul
RT: 21.433 min Scan# 3136
Delta R.T. 0.006 min
Lab File: BM048052.D
Acq: 15 Oct 2024 07:25

Tgt Ion:228 Resp: 2368354
Ion Ratio Lower Upper
228 100
226 29.5 23.6 35.4
229 21.9 15.3 22.9





#90

Benzo(b)fluoranthene

Concen: 38.190 ng/u1

RT: 23.451 min Scan# 3476

Delta R.T. 0.024 min

Lab File: BM048052.D

Acq: 15 Oct 2024 07:25

Instrument :

BNA_M

ClientSampleId :

A4EY7

Tgt Ion:252 Resp: 351355

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

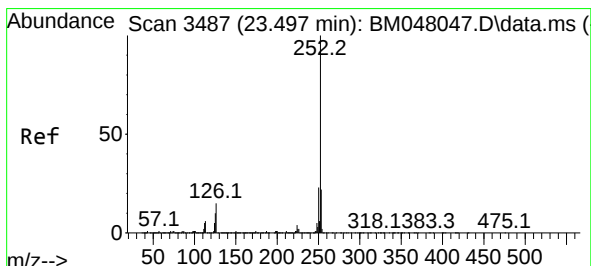
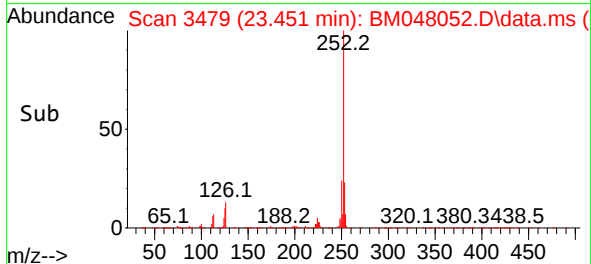
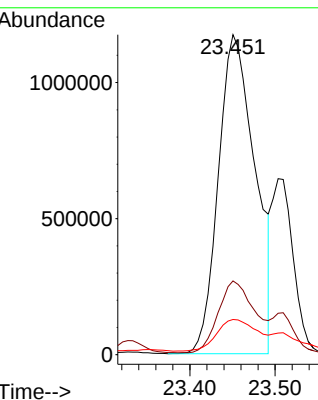
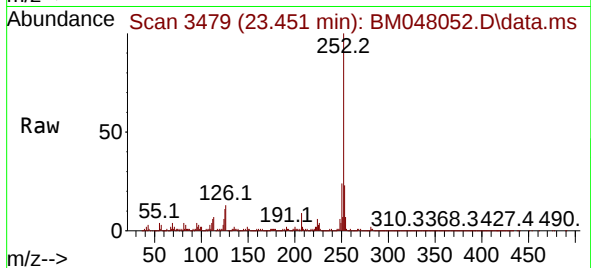
125 11.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/17/2024



#91

Benzo(k)fluoranthene

Concen: 11.670 ng/u1

RT: 23.504 min Scan# 3488

Delta R.T. 0.018 min

Lab File: BM048052.D

Acq: 15 Oct 2024 07:25

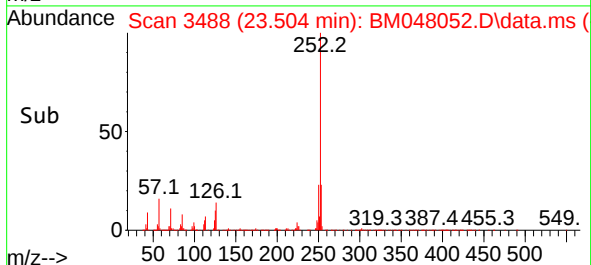
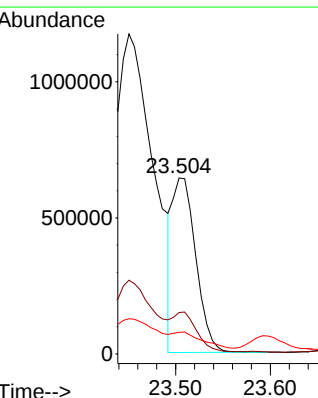
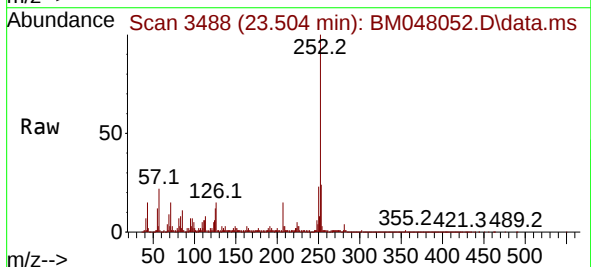
Tgt Ion:252 Resp: 1097852

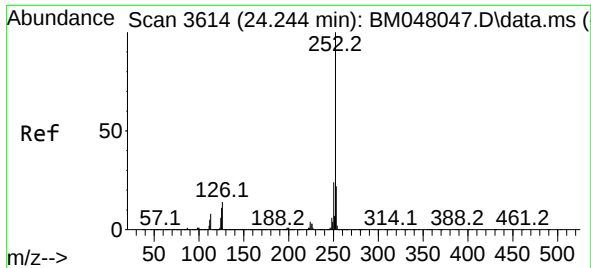
Ion Ratio Lower Upper

252 100

253 23.5 17.5 26.3

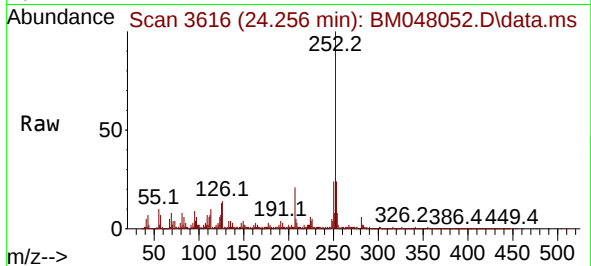
125 12.3 8.9 13.3





#93
Benzo(a)pyrene
Concen: 14.041 ng/ul
RT: 24.256 min Scan# 30
Delta R.T. 0.024 min
Lab File: BM048052.D
Acq: 15 Oct 2024 07:25

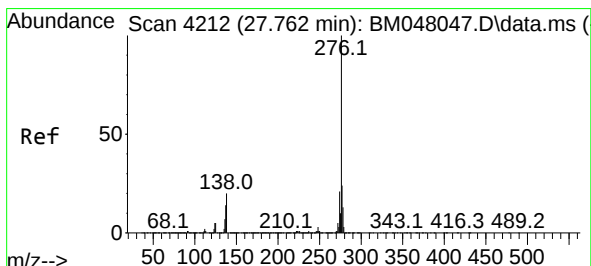
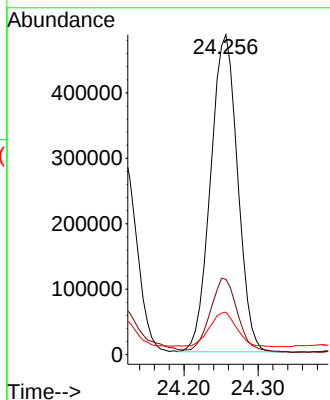
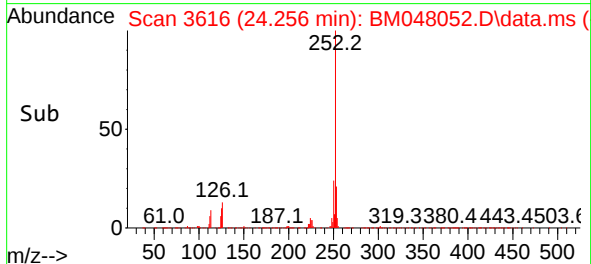
Instrument :
BNA_M
ClientSampleId :
A4EY7



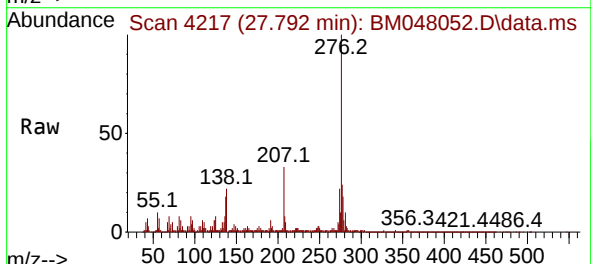
Tgt Ion:252 Resp: 122685
Ion Ratio Lower Upper
252 100
253 23.5 17.2 25.8
125 13.3 10.1 15.1

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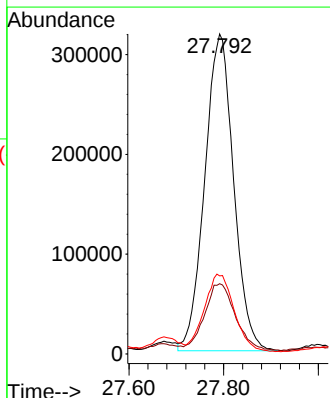
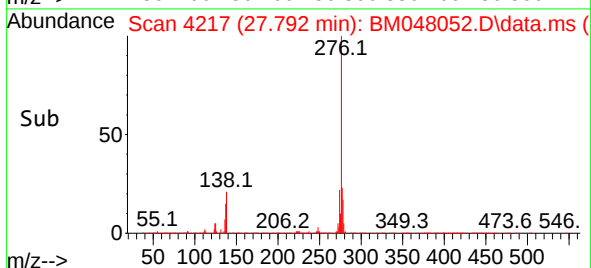
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024

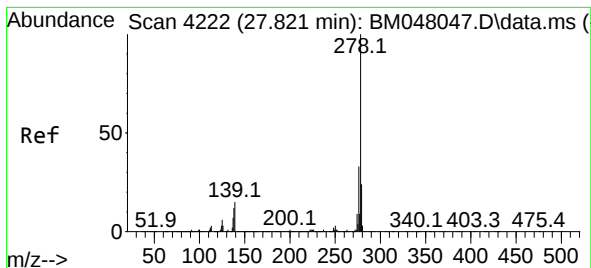


#94
Indeno(1,2,3-cd)pyrene
Concen: 11.992 ng/ul
RT: 27.792 min Scan# 4217
Delta R.T. 0.047 min
Lab File: BM048052.D
Acq: 15 Oct 2024 07:25



Tgt Ion:276 Resp: 1342796
Ion Ratio Lower Upper
276 100
138 22.0 16.9 25.3
277 24.4 18.9 28.3





#95

Dibenzo(a,h)anthracene

Concen: 4.823 ng/ul

RT: 27.833 min Scan# 41

Delta R.T. 0.036 min

Lab File: BM048052.D

Acq: 15 Oct 2024 07:25

Instrument :

BNA_M

ClientSampleId :

A4EY7

Tgt Ion:278 Resp: 44260

Ion Ratio Lower Upper

278 100

139 19.5 13.4 20.2

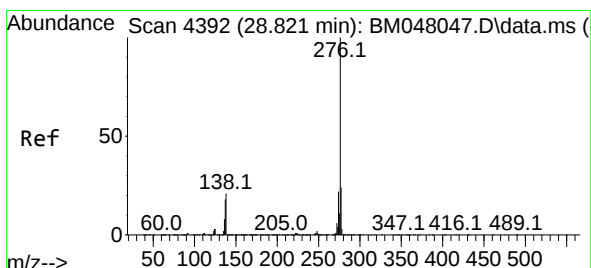
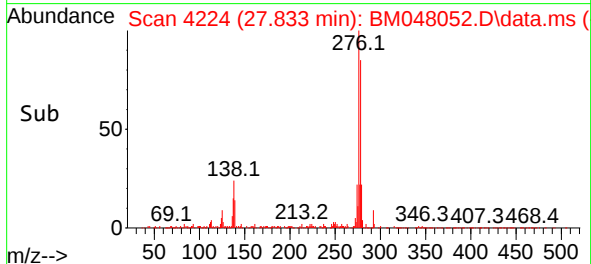
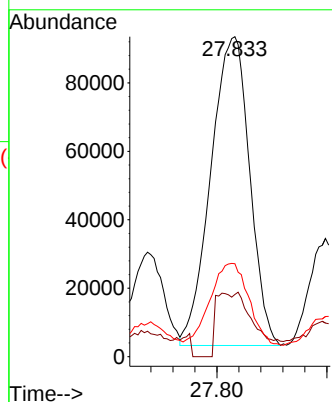
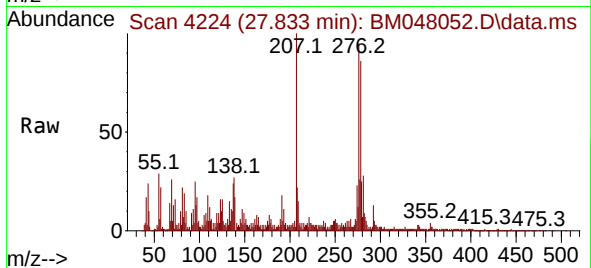
279 29.0 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/17/2024



#96

Benzo(g,h,i)perylene

Concen: 1.959 ng/ul

RT: 28.850 min Scan# 4397

Delta R.T. 0.059 min

Lab File: BM048052.D

Acq: 15 Oct 2024 07:25

Tgt Ion:276 Resp: 171853

Ion Ratio Lower Upper

276 100

138 27.5 18.7 28.1

277 28.3 18.3 27.5

