

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048028.D
 Acq On : 14 Oct 2024 14:54
 Operator : RC/JU
 Sample : P4239-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EP3

Manual Integrations
 APPROVED

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

Quant Time: Oct 14 23:26:08 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	329148	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1285294	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.421	164	766440	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.162	188	1520844	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1305175	20.000	ng/u1	0.00
88) Perylene-d12	24.385	264	1548737	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	15945	1.566	ng/uL	0.00
4) Pyridine-d5	3.663	84	27720	0.930	ng/u1	0.00
7) Phenol-d5	6.957	99	286370	9.201	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	175549	7.948	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	255043	11.263	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	218416	9.439	ng/u1	0.00
21) Nitrobenzene-d5	8.939	128	114699	11.208	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	125534	12.801	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	221365	11.300	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	46652m	1.540	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	634114	11.412	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	743941	11.292	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	78000	7.050	ng/u1	0.01
60) Fluorene-d10	15.410	176	565646	11.752	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	63863	7.176	ng/u1	0.00
73) Anthracene-d10	17.256	188	853041	11.407	ng/u1	0.00
81) Pyrene-d10	19.545	212	879955	11.879	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.180	264	670919	8.349	ng/u1	0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.139	152	97080	1.307	ng/u1	99
72) Phenanthrene	17.204	178	1124320	12.606	ng/u1	99
74) Anthracene	17.292	178	236302	2.598	ng/u1	100
77) Carbazole	17.562	167	133617	1.621	ng/u1	98
80) Fluoranthene	19.215	202	2835787	32.505	ng/u1	99
82) Pyrene	19.580	202	2063154	21.248	ng/u1	95
83) Butylbenzylphthalate	20.468	149	38497	1.121	ng/u1	92
85) Benzo(a)anthracene	21.368	228	1181549	12.929	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.291	149	631975	12.262	ng/u1#	96
87) Chrysene	21.433	228	1457791	16.363	ng/u1	98
90) Benzo(b)fluoranthene	23.444	252	2097075	21.713	ng/u1	98
91) Benzo(k)fluoranthene	23.497	252	734906m	7.441	ng/u1	
93) Benzo(a)pyrene	24.244	252	774280	8.441	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.768	276	813396	6.920	ng/u1	98
95) Dibenzo(a,h)anthracene	27.803	278	267329	2.775	ng/u1	92
96) Benzo(g,h,i)perylene	28.815	276	105128	1.141	ng/u1	94

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

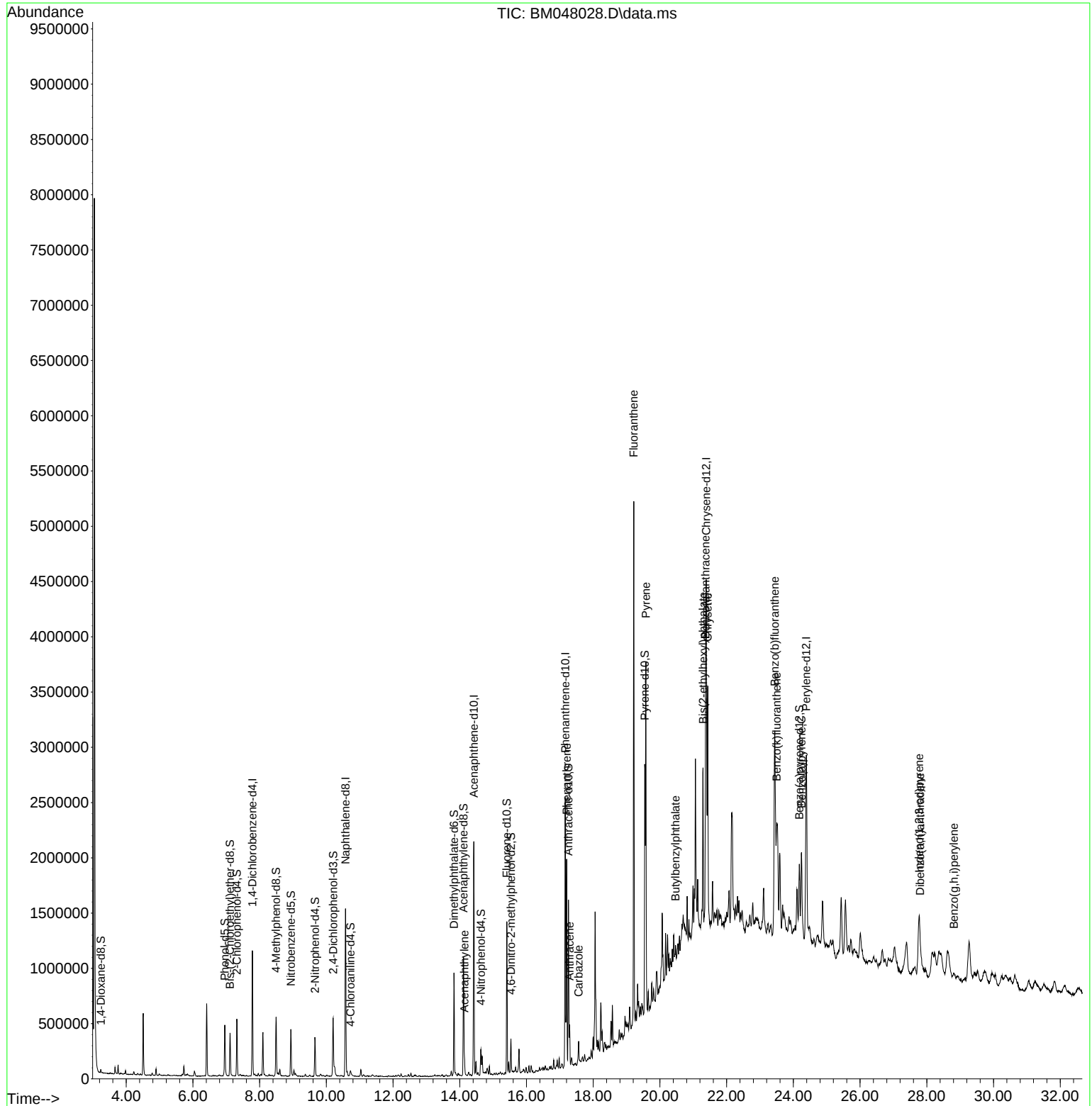
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048028.D
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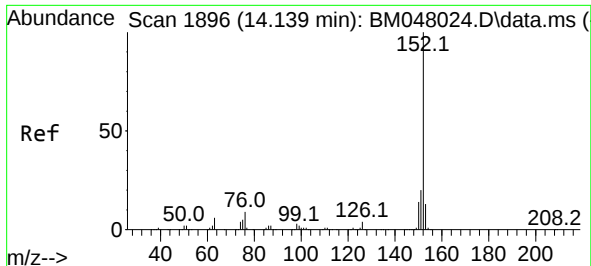
Instrument :
BNA_M
ClientSampleId :
A4EP3

Quant Time: Oct 14 23:26:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
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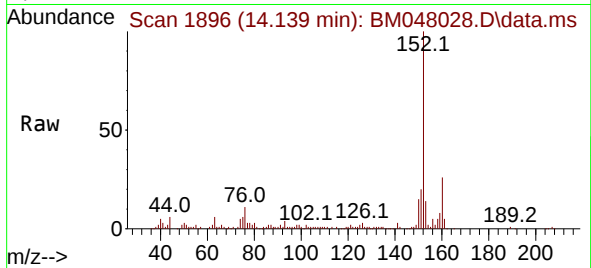
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024





#50
Acenaphthylene
Concen: 1.307 ng/ul
RT: 14.139 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM048028.D
Acq: 14 Oct 2024 14:54

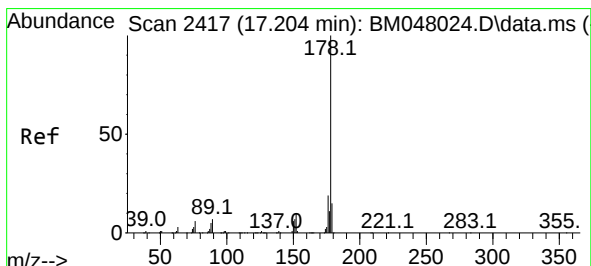
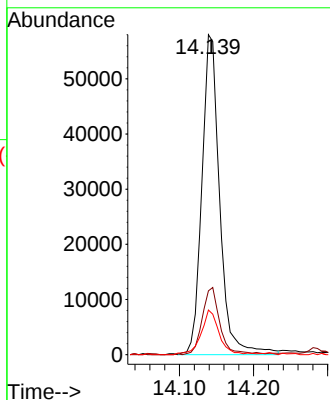
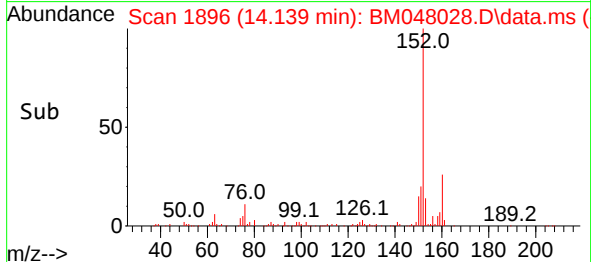
Instrument :
BNA_M
ClientSampleId :
A4EP3



Tgt Ion:152 Resp: 97080
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 14.0 10.7 16.1

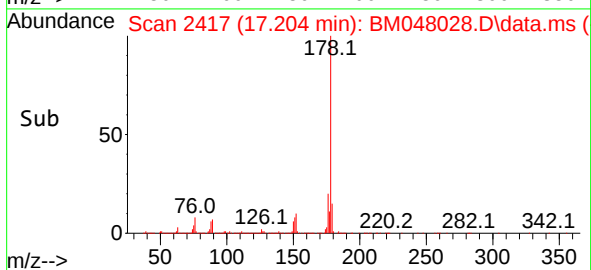
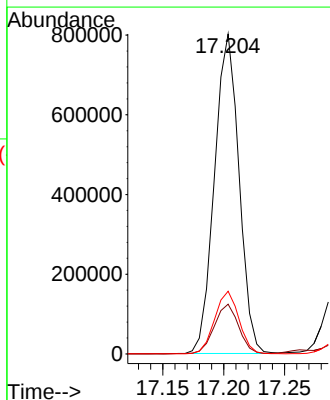
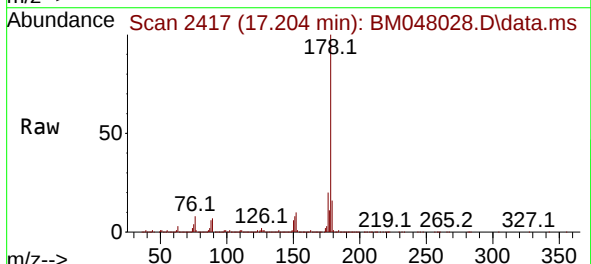
Manual Integrations
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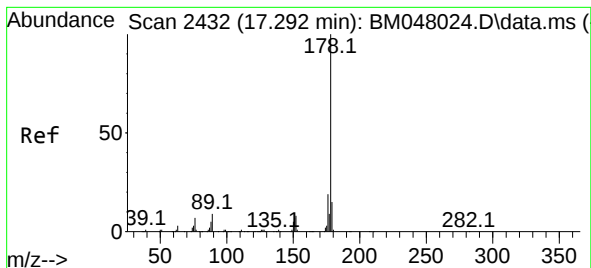
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024



#72
Phenanthrene
Concen: 12.606 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM048028.D
Acq: 14 Oct 2024 14:54

Tgt Ion:178 Resp: 1124320
Ion Ratio Lower Upper
178 100
179 15.5 12.0 18.0
176 19.6 15.4 23.0





#74

Anthracene

Concen: 2.598 ng/ul

RT: 17.292 min Scan# 2432

Delta R.T. 0.000 min

Lab File: BM048028.D

Acq: 14 Oct 2024 14:54

Instrument :

BNA_M

ClientSampleId :

A4EP3

Tgt Ion:178 Resp: 236302

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

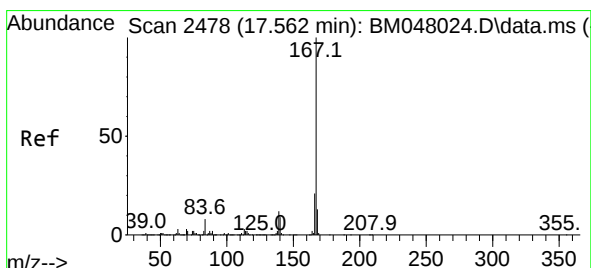
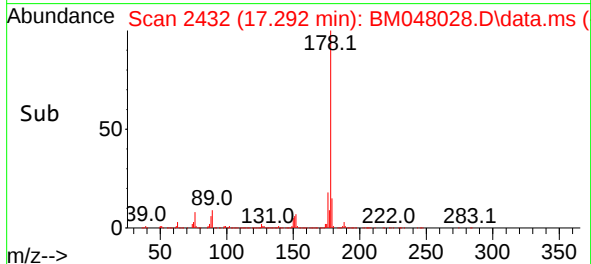
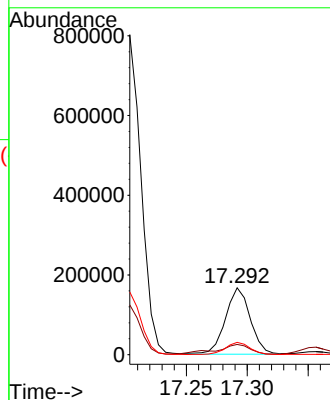
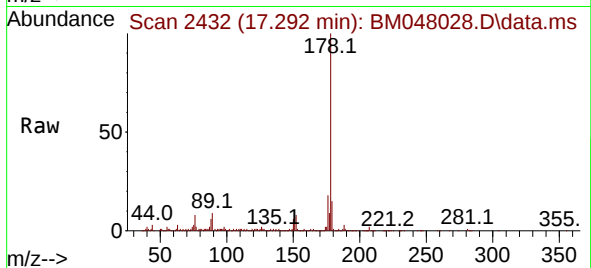
176 18.3 14.7 22.1

Manual Integrations

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Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/17/2024



#77

Carbazole

Concen: 1.621 ng/ul

RT: 17.562 min Scan# 2478

Delta R.T. 0.000 min

Lab File: BM048028.D

Acq: 14 Oct 2024 14:54

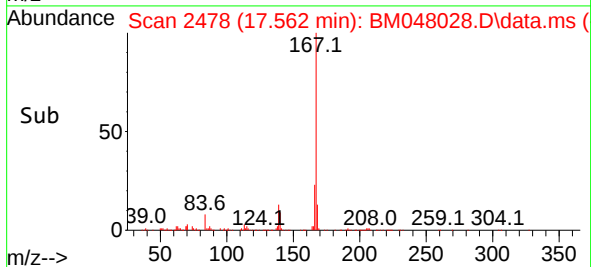
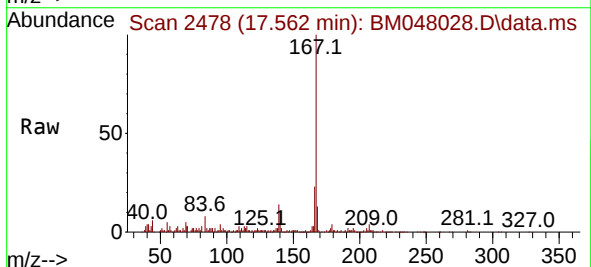
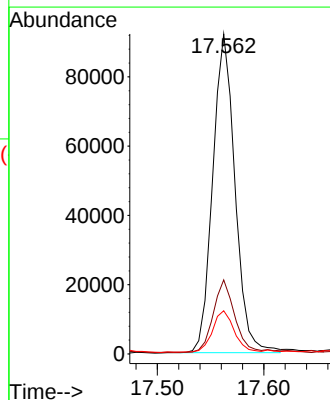
Tgt Ion:167 Resp: 133617

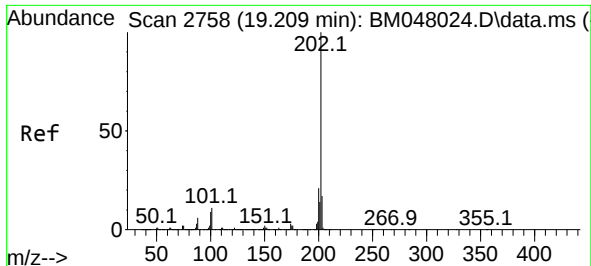
Ion Ratio Lower Upper

167 100

166 23.2 17.4 26.0

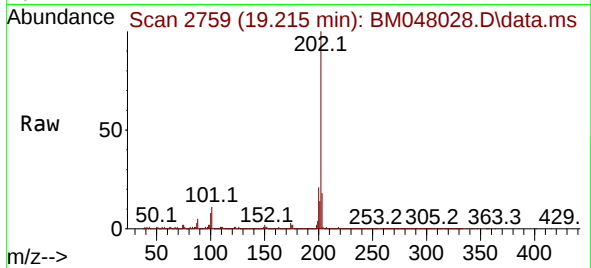
139 13.5 10.9 16.3





#80
Fluoranthene
Concen: 32.505 ng/u1
RT: 19.215 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048028.D
Acq: 14 Oct 2024 14:54

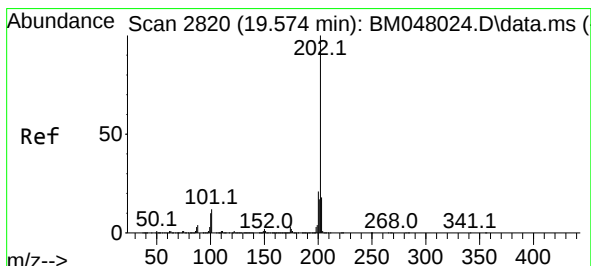
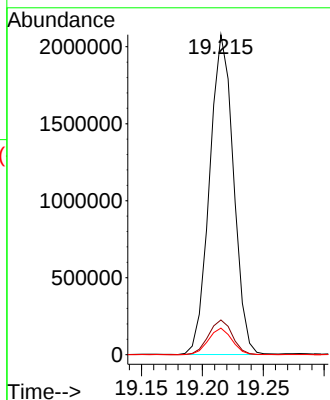
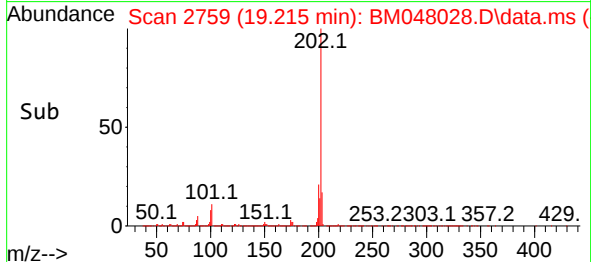
Instrument :
BNA_M
ClientSampleId :
A4EP3



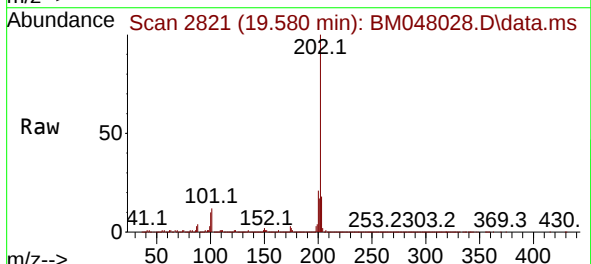
Tgt Ion:202 Resp: 283578
Ion Ratio Lower Upper
202 100
101 10.9 9.0 13.4
100 8.3 6.8 10.2

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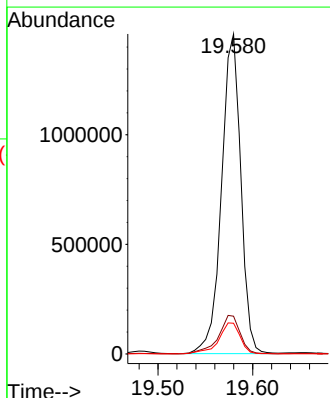
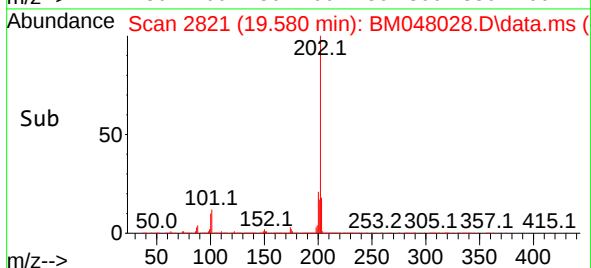
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024

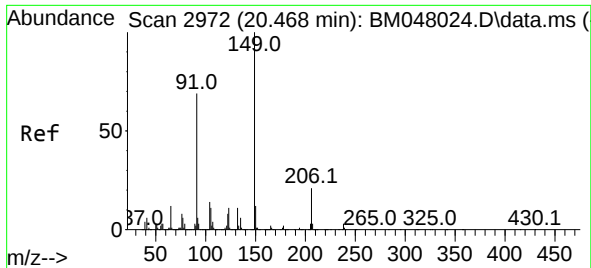


#82
Pyrene
Concen: 21.248 ng/u1
RT: 19.580 min Scan# 2821
Delta R.T. 0.006 min
Lab File: BM048028.D
Acq: 14 Oct 2024 14:54



Tgt Ion:202 Resp: 2063154
Ion Ratio Lower Upper
202 100
101 11.8 10.9 16.3
100 9.6 9.4 14.2





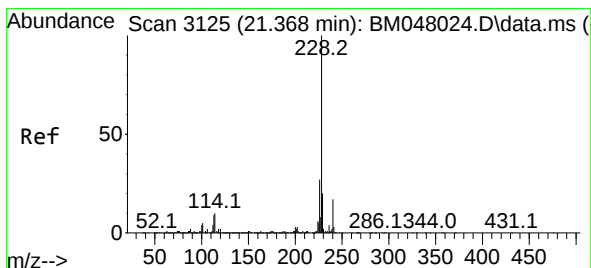
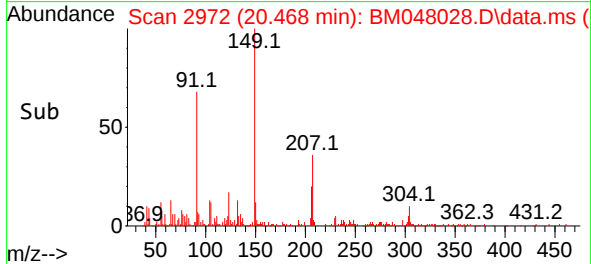
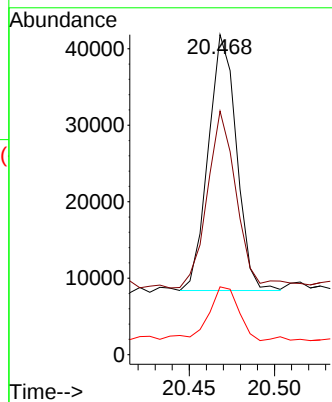
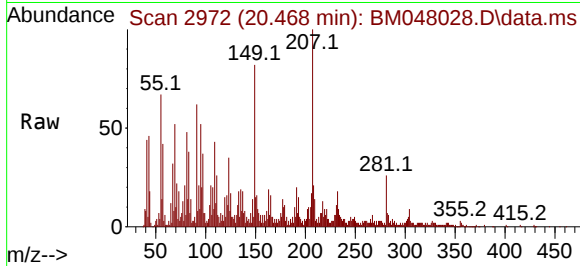
#83
Butylbenzylphthalate
Concen: 1.121 ng/ul
RT: 20.468 min Scan# 2972
Delta R.T. 0.000 min
Lab File: BM048028.D
Acq: 14 Oct 2024 14:54

Instrument :
BNA_M
ClientSampleId :
A4EP3

Tgt Ion:149 Resp: 3849
Ion Ratio Lower Upper
149 100
91 76.1 66.9 100.3
206 21.2 14.4 21.6

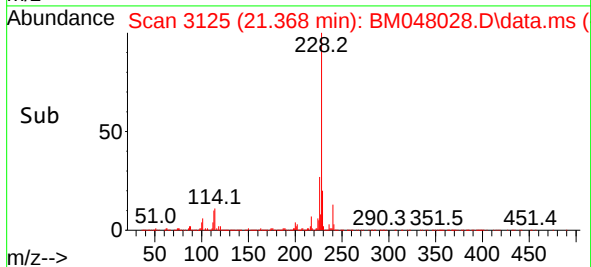
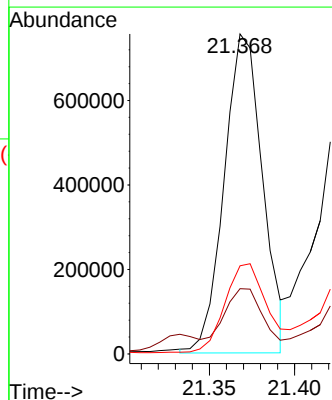
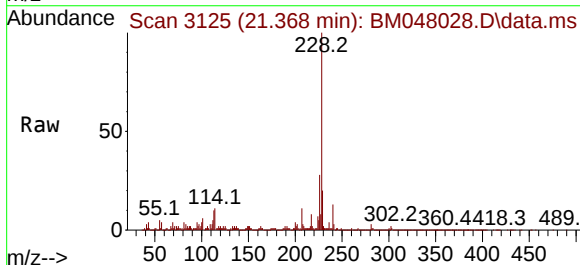
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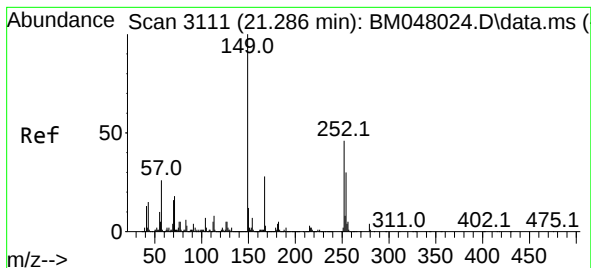
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024



#85
Benzo(a)anthracene
Concen: 12.929 ng/ul
RT: 21.368 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BM048028.D
Acq: 14 Oct 2024 14:54

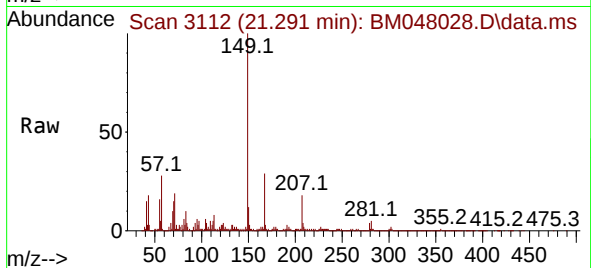
Tgt Ion:228 Resp: 1181549
Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 27.6 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 12.262 ng/ul
RT: 21.291 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM048028.D
Acq: 14 Oct 2024 14:54

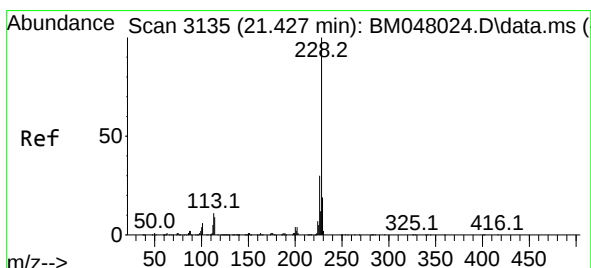
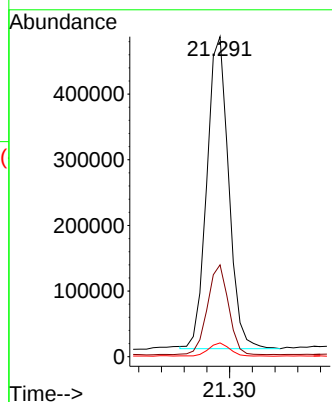
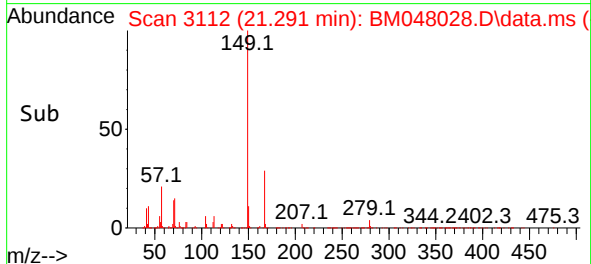
Instrument :
BNA_M
ClientSampleId :
A4EP3



Tgt Ion:149 Resp: 63197
Ion Ratio Lower Upper
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167 28.7 21.3 31.9
279 4.3 2.7 4.1

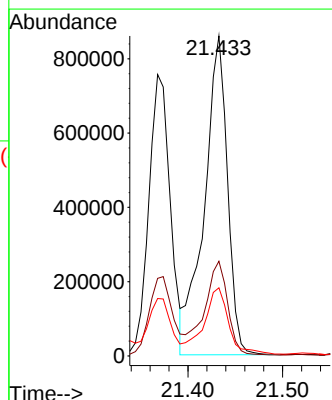
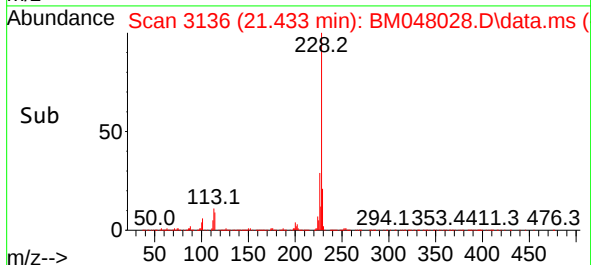
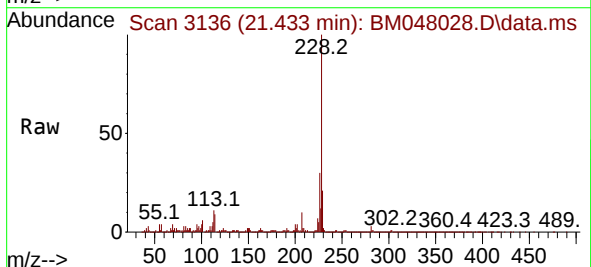
Manual Integrations
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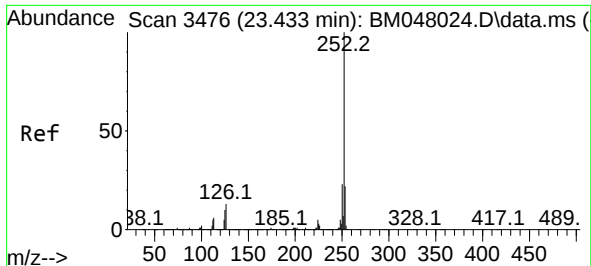
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024



#87
Chrysene
Concen: 16.363 ng/ul
RT: 21.433 min Scan# 3136
Delta R.T. 0.006 min
Lab File: BM048028.D
Acq: 14 Oct 2024 14:54

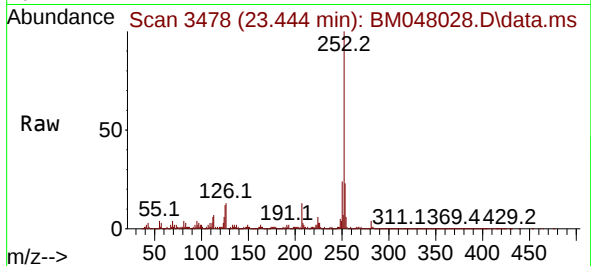
Tgt Ion:228 Resp: 1457791
Ion Ratio Lower Upper
228 100
226 29.6 23.6 35.4
229 21.3 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 21.713 ng/ul
RT: 23.444 min Scan# 3476
Delta R.T. 0.018 min
Lab File: BM048028.D
Acq: 14 Oct 2024 14:54

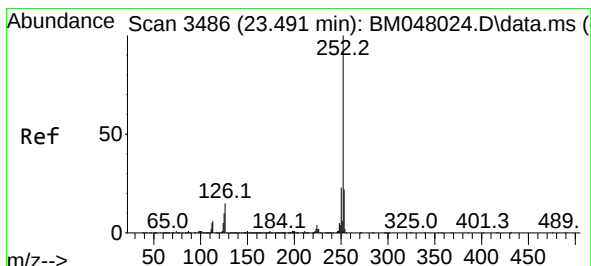
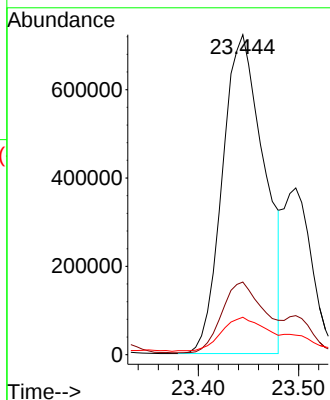
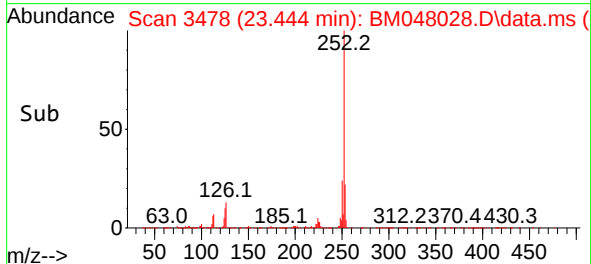
Instrument :
BNA_M
ClientSampleId :
A4EP3



Tgt Ion:252 Resp: 209707
Ion Ratio Lower Upper
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253 22.7 17.4 26.2
125 11.7 9.0 13.4

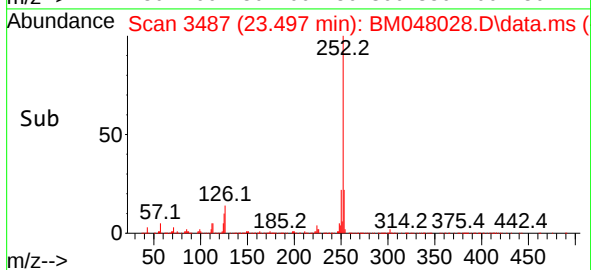
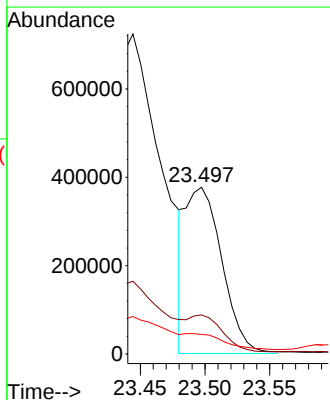
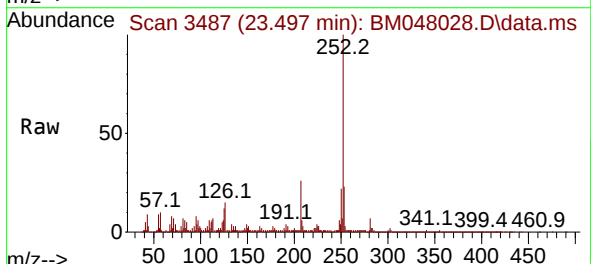
Manual Integrations
APPROVED

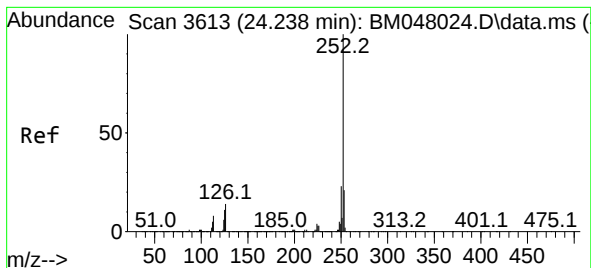
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024



#91
Benzo(k)fluoranthene
Concen: 7.441 ng/ul m
RT: 23.497 min Scan# 3487
Delta R.T. 0.012 min
Lab File: BM048028.D
Acq: 14 Oct 2024 14:54

Tgt Ion:252 Resp: 734906
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 11.7 8.9 13.3





#93

Benzo(a)pyrene

Concen: 8.441 ng/ul

RT: 24.244 min Scan# 30

Delta R.T. 0.012 min

Lab File: BM048028.D

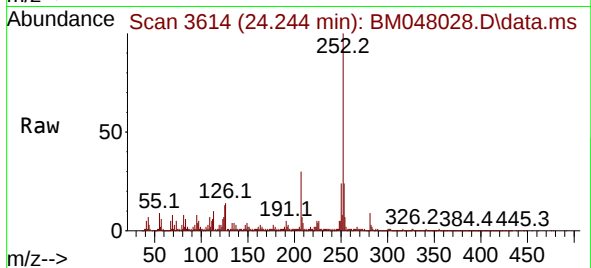
Acq: 14 Oct 2024 14:54

Instrument :

BNA_M

ClientSampleId :

A4EP3



Tgt Ion:252 Resp: 774280

Ion Ratio Lower Upper

252 100

253 24.0 17.2 25.8

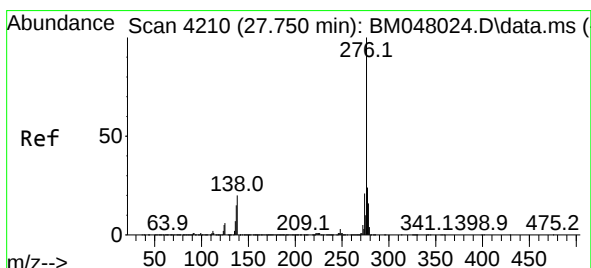
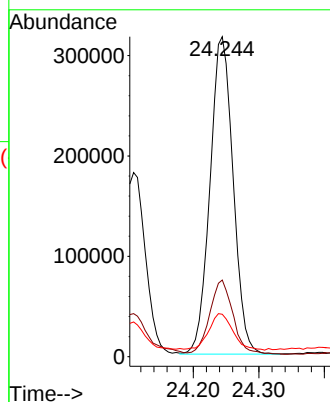
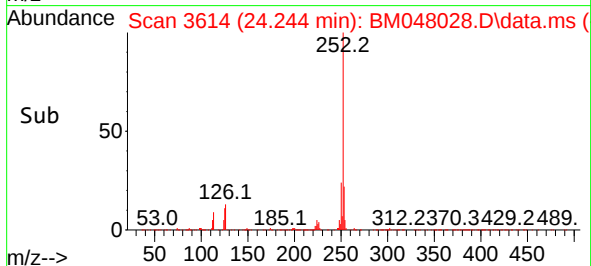
125 13.3 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/17/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.920 ng/ul

RT: 27.768 min Scan# 4213

Delta R.T. 0.024 min

Lab File: BM048028.D

Acq: 14 Oct 2024 14:54

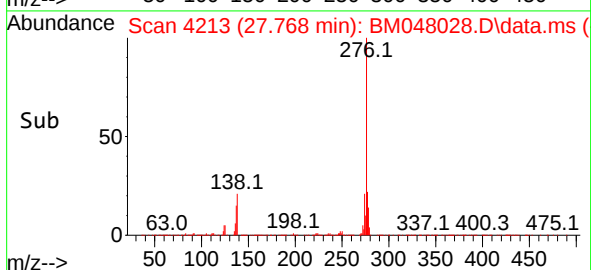
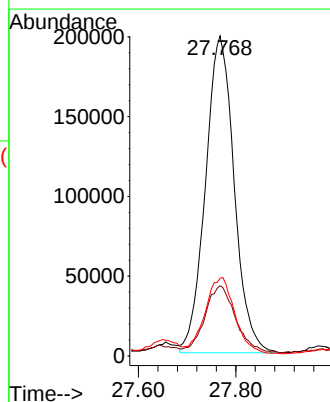
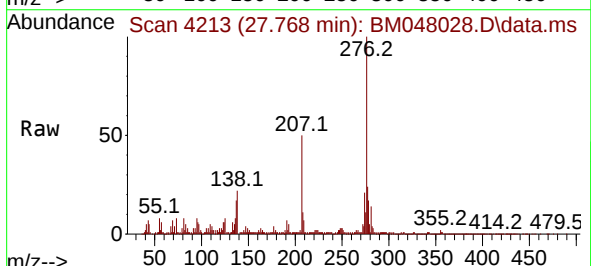
Tgt Ion:276 Resp: 813396

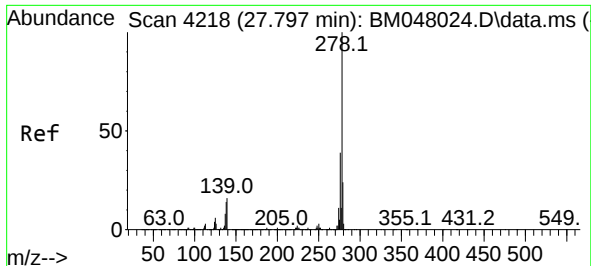
Ion Ratio Lower Upper

276 100

138 22.0 16.9 25.3

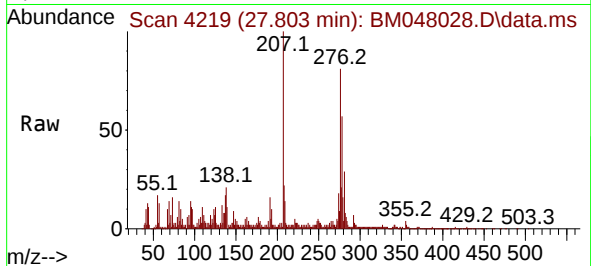
277 24.3 18.9 28.3





#95
Dibenzo(a,h)anthracene
Concen: 2.775 ng/ul
RT: 27.803 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM048028.D
Acq: 14 Oct 2024 14:54

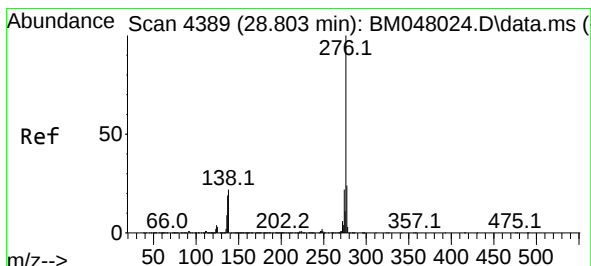
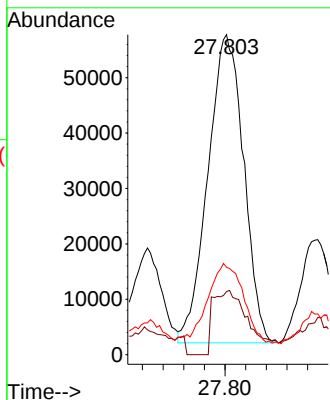
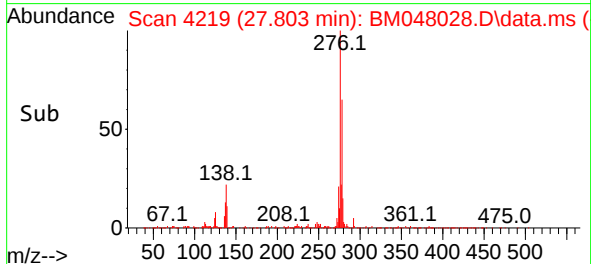
Instrument :
BNA_M
ClientSampleId :
A4EP3



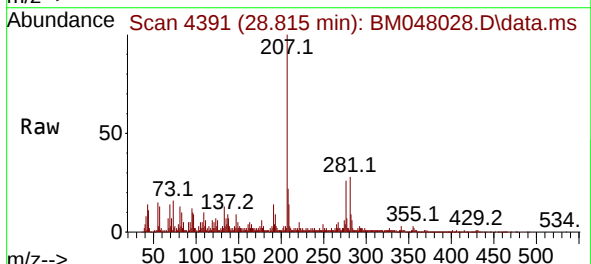
Tgt Ion:278 Resp: 267329
Ion Ratio Lower Upper
278 100
139 19.7 13.4 20.2
279 27.3 18.4 27.6

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 1.141 ng/ul
RT: 28.815 min Scan# 4391
Delta R.T. 0.024 min
Lab File: BM048028.D
Acq: 14 Oct 2024 14:54



Tgt Ion:276 Resp: 105128
Ion Ratio Lower Upper
276 100
138 25.8 18.7 28.1
277 26.4 18.3 27.5

