

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048051.D
 Acq On : 15 Oct 2024 06:45
 Operator : RC/JU
 Sample : P4238-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EY0

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 07:30:33 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	272357	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1100198	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.422	164	671708	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	1372014	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1232215	20.000	ng/u1	0.00
88) Perylene-d12	24.386	264	1460851	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	9402	1.116	ng/uL	0.00
4) Pyridine-d5	3.675	84	14391m	0.583	ng/u1	0.02
7) Phenol-d5	6.957	99	153282	5.952	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	90135	4.932	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	133354	7.117	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	114915	6.001	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	58252	6.650	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	64502	7.684	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	118315	7.055	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	29156m	1.125	ng/u1	0.01
46) Dimethylphthalate-d6	13.828	166	349635	7.179	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	409757	7.096	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	34262m	3.534	ng/u1	0.02
60) Fluorene-d10	15.410	176	316751	7.509	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	22049	2.746	ng/u1	0.00
73) Anthracene-d10	17.257	188	502103	7.443	ng/u1	0.00
81) Pyrene-d10	19.545	212	514437	7.356	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.180	264	390699	5.155	ng/u1	0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.604	105	40863	1.247	ng/u1	92
50) Acenaphthylene	14.139	152	77480	1.190	ng/u1	98
72) Phenanthrene	17.204	178	892475	11.092	ng/u1	99
74) Anthracene	17.292	178	190047	2.316	ng/u1	98
77) Carbazole	17.563	167	101580	1.366	ng/u1	98
80) Fluoranthene	19.216	202	2273266	27.600	ng/u1	98
82) Pyrene	19.580	202	1637022	17.857	ng/u1	95
85) Benzo(a)anthracene	21.368	228	975196	11.303	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.286	149	269074	5.530	ng/u1#	97
87) Chrysene	21.427	228	1212295	14.413	ng/u1	98
90) Benzo(b)fluoranthene	23.439	252	1783744	19.580	ng/u1	98
91) Benzo(k)fluoranthene	23.498	252	589058m	6.324	ng/u1	
93) Benzo(a)pyrene	24.245	252	608581	7.034	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.768	276	662657	5.976	ng/u1	99
95) Dibenzo(a,h)anthracene	27.815	278	217385	2.392	ng/u1#	94
96) Benzo(g,h,i)perylene	28.821	276	88535	1.019	ng/u1	92

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

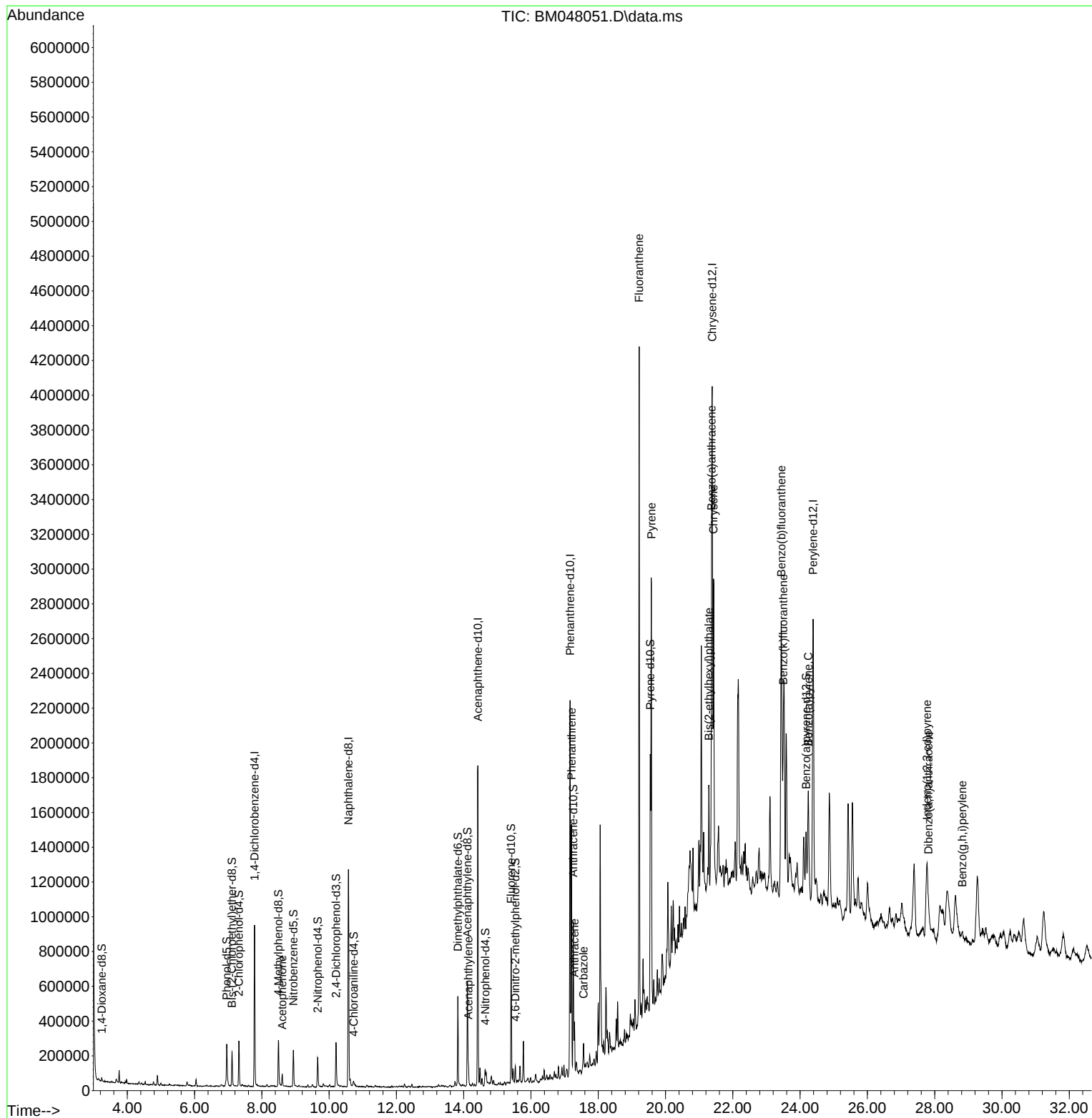
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048051.D
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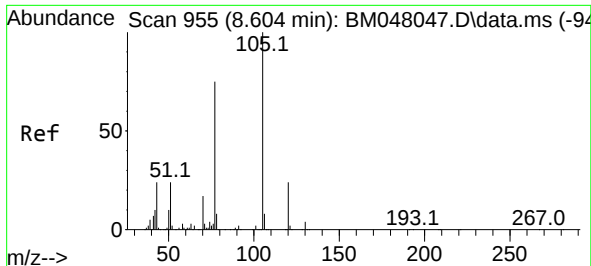
Instrument :
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Quant Time: Oct 15 07:30:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
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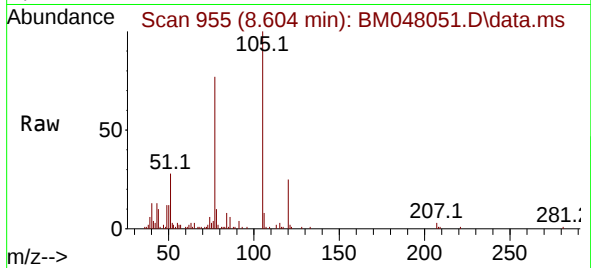
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024





#16
Acetophenone
Concen: 1.247 ng/ul
RT: 8.604 min Scan# 911
Delta R.T. -0.005 min
Lab File: BM048051.D
Acq: 15 Oct 2024 06:45

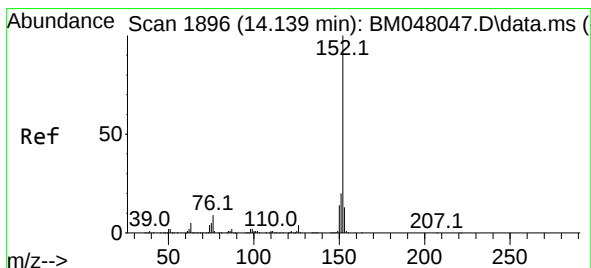
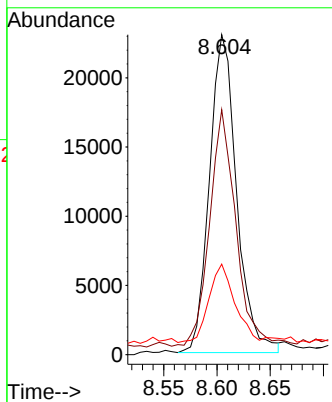
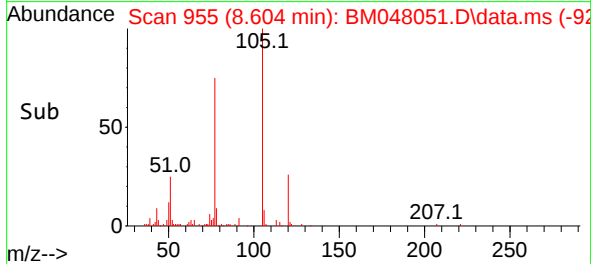
Instrument :
BNA_M
ClientSampleId :
A4EY0



Tgt Ion:105 Resp: 4086
Ion Ratio Lower Upper
105 100
77 76.6 66.6 100.0
51 28.3 27.0 40.4

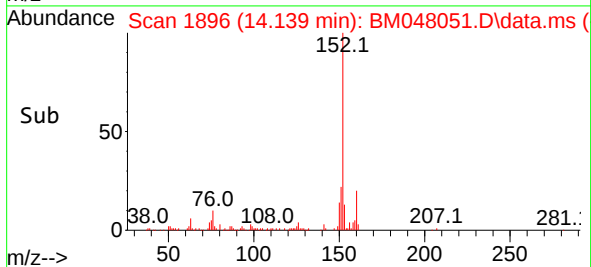
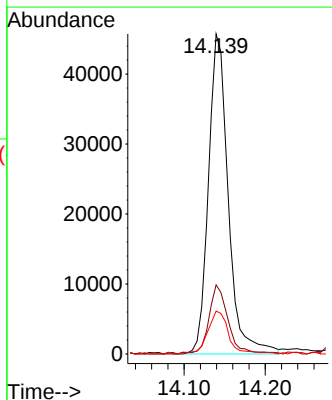
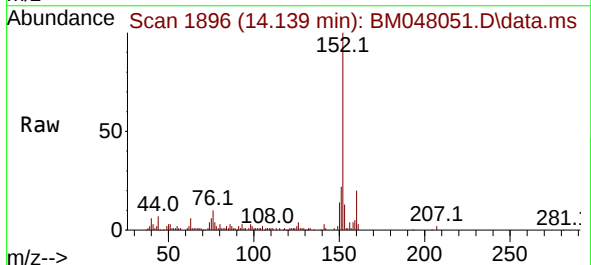
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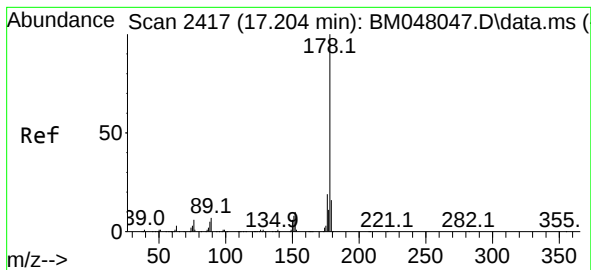
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#50
Acenaphthylene
Concen: 1.190 ng/ul
RT: 14.139 min Scan# 1896
Delta R.T. -0.005 min
Lab File: BM048051.D
Acq: 15 Oct 2024 06:45

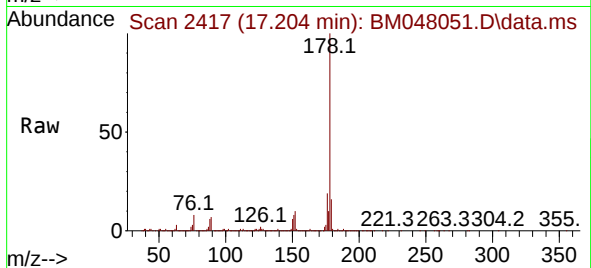
Tgt Ion:152 Resp: 77480
Ion Ratio Lower Upper
152 100
151 21.6 16.2 24.2
153 13.4 10.7 16.1





#72
Phenanthrene
Concen: 11.092 ng/ul
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM048051.D
Acq: 15 Oct 2024 06:45

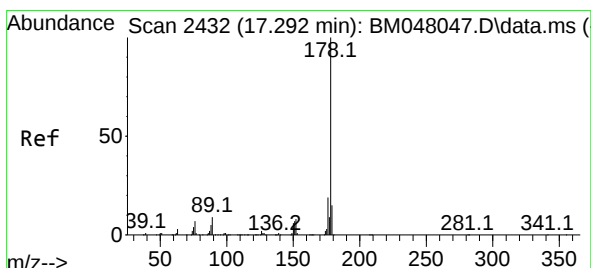
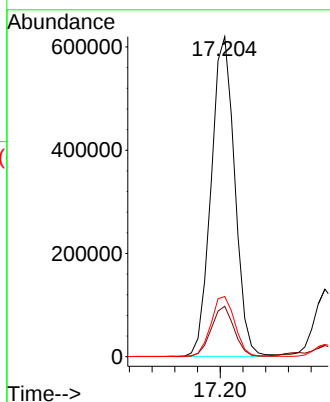
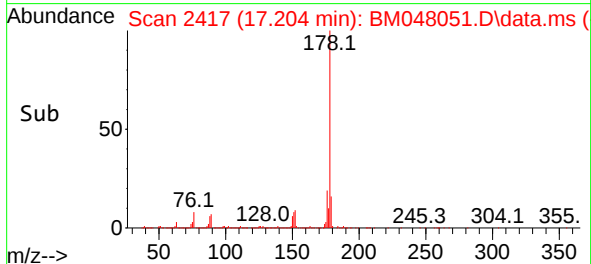
Instrument :
BNA_M
ClientSampleId :
A4EY0



Tgt Ion:178 Resp: 892475
Ion Ratio Lower Upper
178 100
179 15.8 12.0 18.0
176 18.8 15.4 23.0

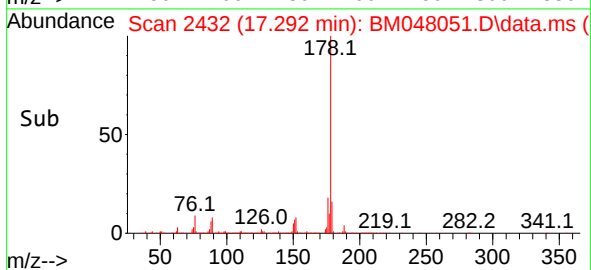
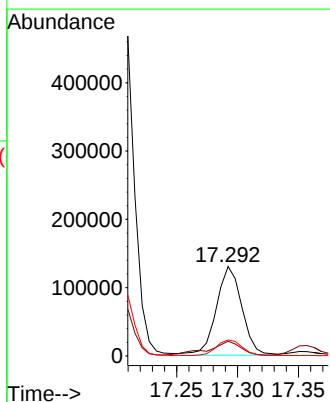
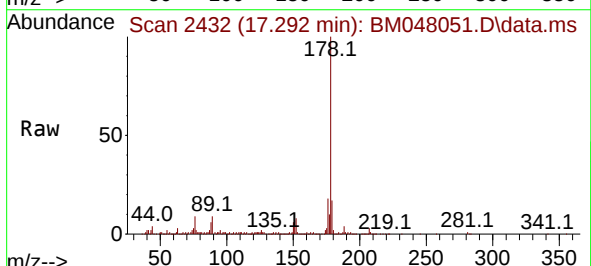
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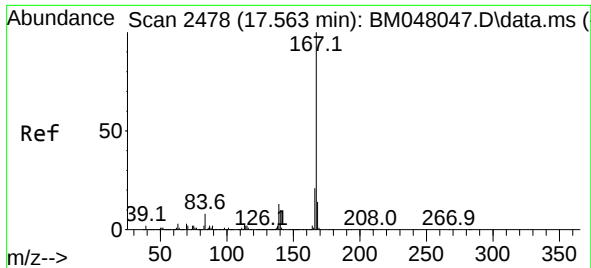
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#74
Anthracene
Concen: 2.316 ng/ul
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM048051.D
Acq: 15 Oct 2024 06:45

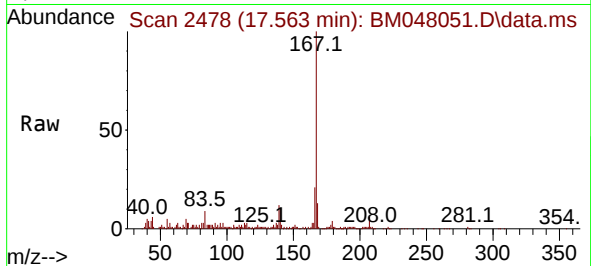
Tgt Ion:178 Resp: 190047
Ion Ratio Lower Upper
178 100
179 16.5 12.4 18.6
176 17.9 14.7 22.1





#77
 Carbazole
 Concen: 1.366 ng/ul
 RT: 17.563 min Scan# 2478
 Delta R.T. 0.000 min
 Lab File: BM048051.D
 Acq: 15 Oct 2024 06:45

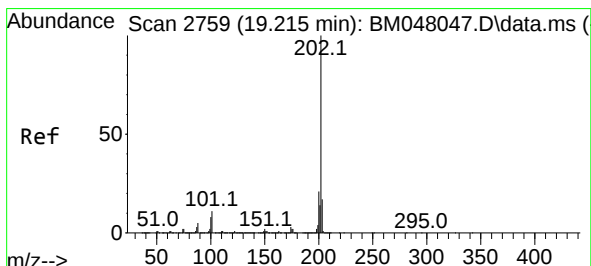
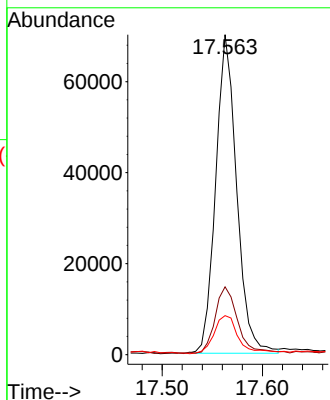
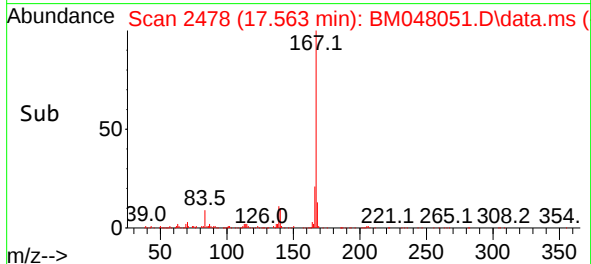
Instrument :
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 ClientSampleId :
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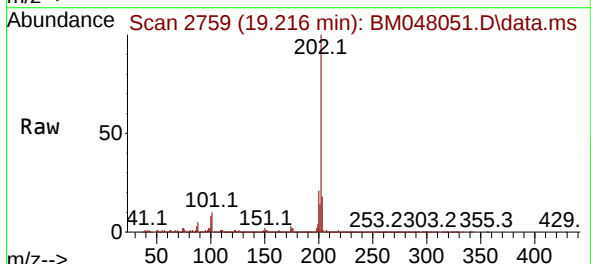
Tgt Ion:167 Resp: 101580
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 12.2 10.9 16.3

Manual Integrations
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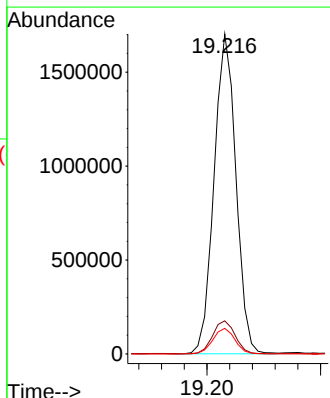
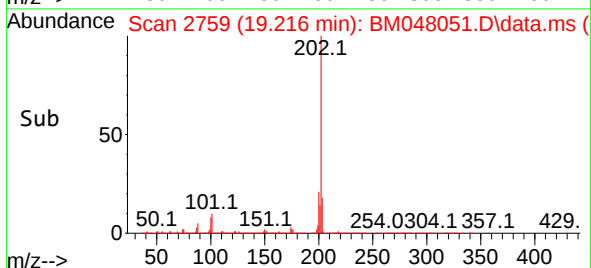
Reviewed By :Yogesh Patel 10/16/2024
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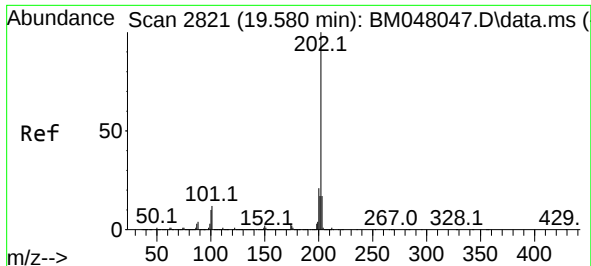


#80
 Fluoranthene
 Concen: 27.600 ng/ul
 RT: 19.216 min Scan# 2759
 Delta R.T. 0.000 min
 Lab File: BM048051.D
 Acq: 15 Oct 2024 06:45



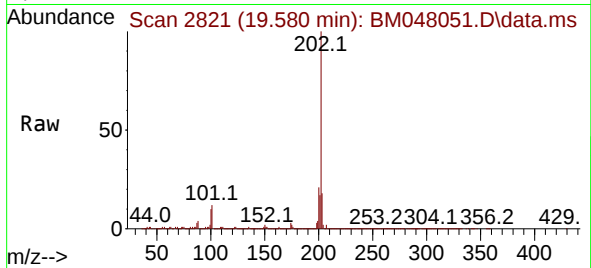
Tgt Ion:202 Resp: 2273266
 Ion Ratio Lower Upper
 202 100
 101 10.3 9.0 13.4
 100 8.0 6.8 10.2





#82
 Pyrene
 Concen: 17.857 ng/ul
 RT: 19.580 min Scan# 2821
 Delta R.T. 0.006 min
 Lab File: BM048051.D
 Acq: 15 Oct 2024 06:45

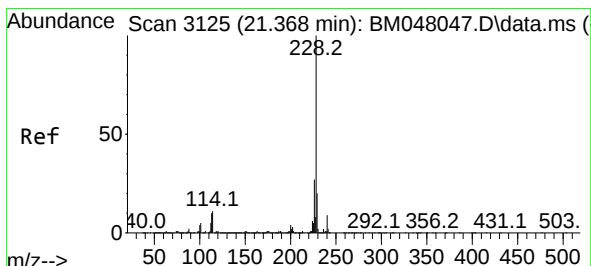
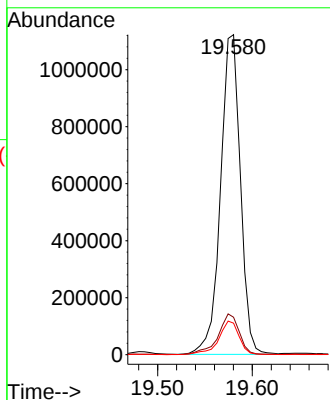
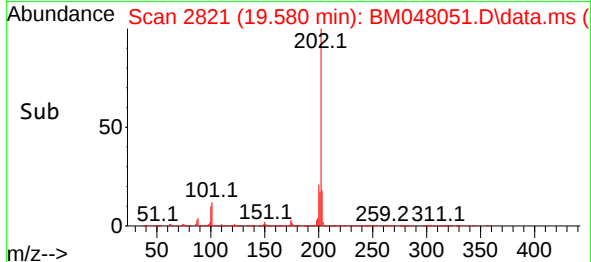
Instrument :
 BNA_M
 ClientSampleId :
 A4EY0



Tgt Ion:202 Resp: 163702
 Ion Ratio Lower Upper
 202 100
 101 11.7 10.9 16.3
 100 9.9 9.4 14.2

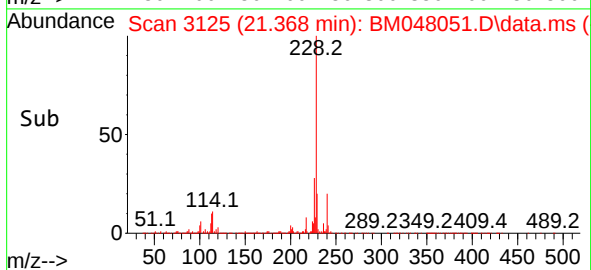
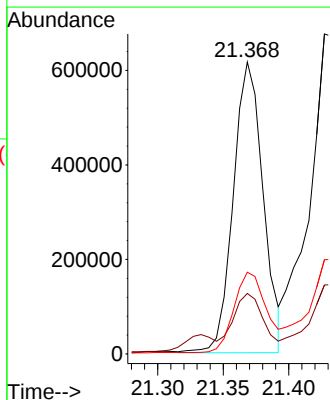
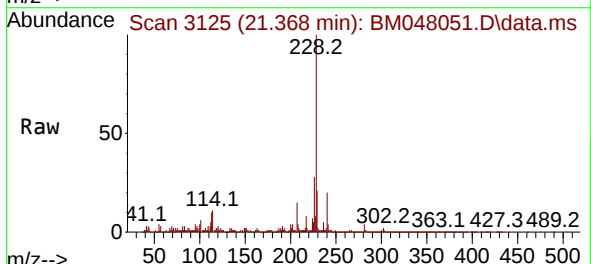
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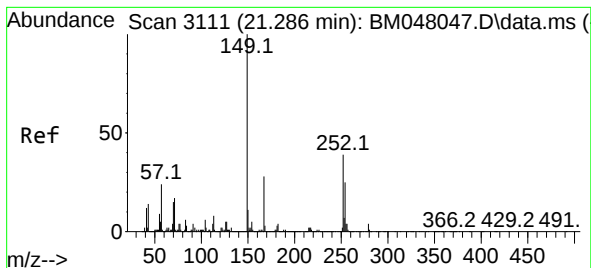
Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/17/2024



#85
 Benzo(a)anthracene
 Concen: 11.303 ng/ul
 RT: 21.368 min Scan# 3125
 Delta R.T. 0.000 min
 Lab File: BM048051.D
 Acq: 15 Oct 2024 06:45

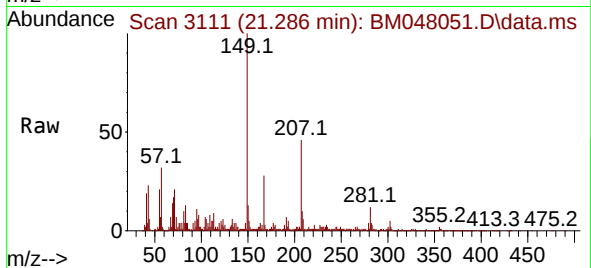
Tgt Ion:228 Resp: 975196
 Ion Ratio Lower Upper
 228 100
 229 20.7 15.6 23.4
 226 28.0 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 5.530 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM048051.D
Acq: 15 Oct 2024 06:45

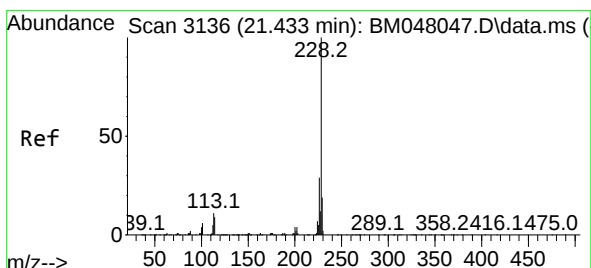
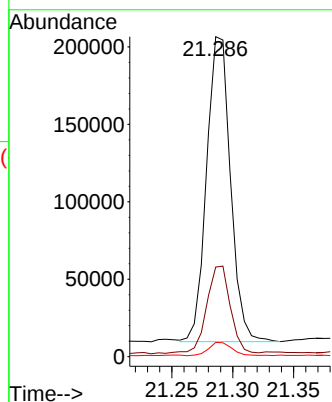
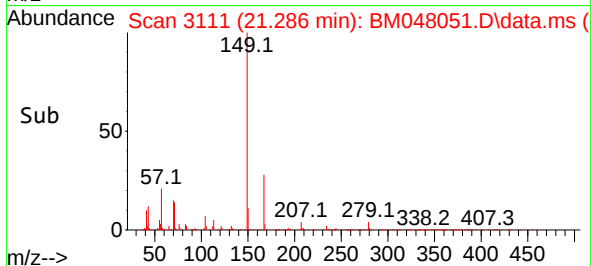
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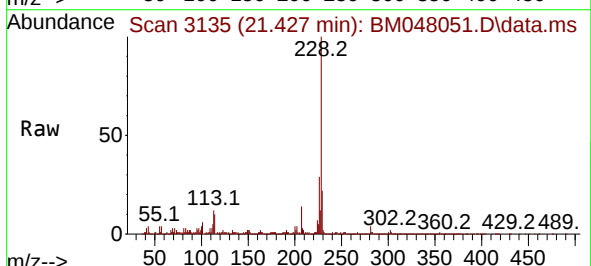
Tgt Ion:149 Resp: 269074
Ion Ratio Lower Upper
149 100
167 28.0 21.3 31.9
279 4.4 2.7 4.1

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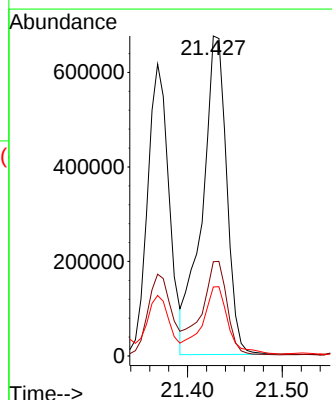
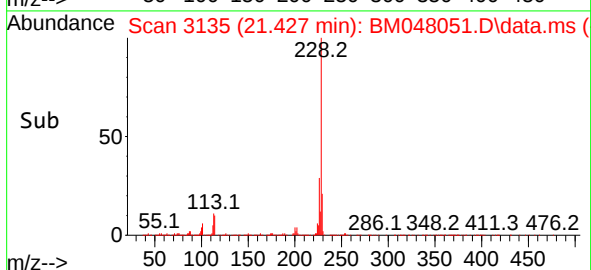
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024

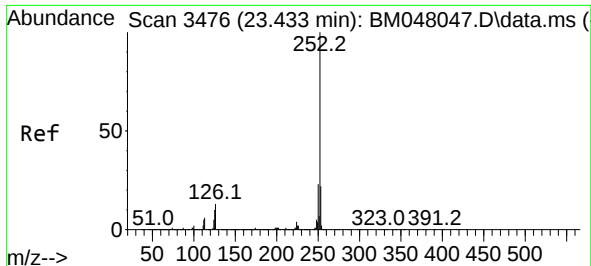


#87
Chrysene
Concen: 14.413 ng/ul
RT: 21.427 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BM048051.D
Acq: 15 Oct 2024 06:45



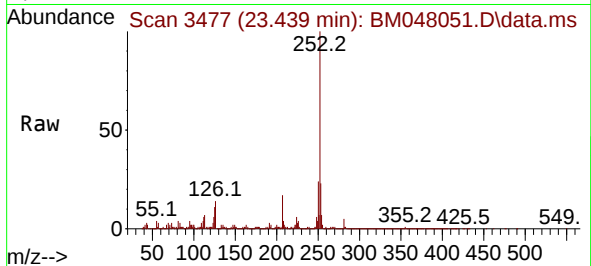
Tgt Ion:228 Resp: 1212295
Ion Ratio Lower Upper
228 100
226 29.4 23.6 35.4
229 21.6 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 19.580 ng/ul
RT: 23.439 min Scan# 3476
Delta R.T. 0.012 min
Lab File: BM048051.D
Acq: 15 Oct 2024 06:45

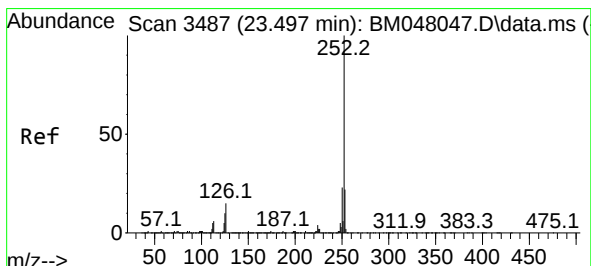
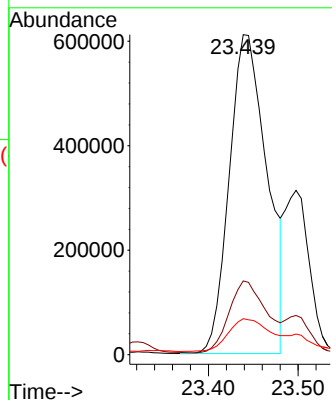
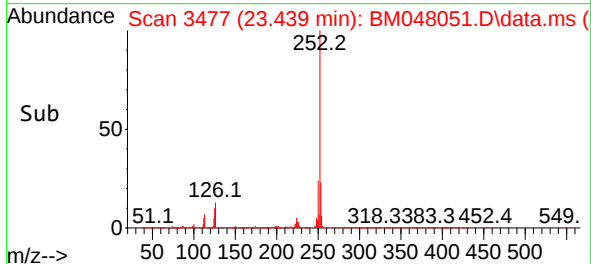
Instrument :
BNA_M
ClientSampleId :
A4EY0



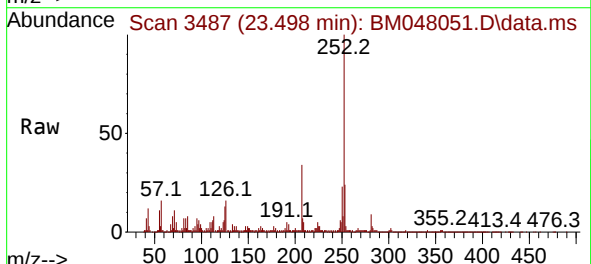
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Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 11.3 9.0 13.4

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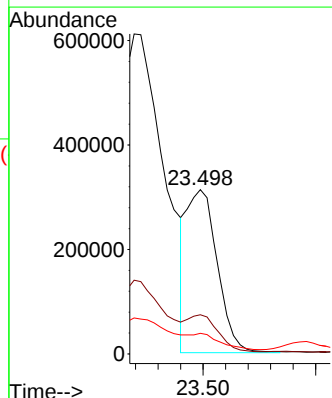
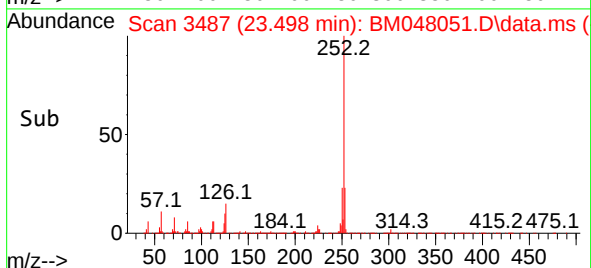
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024

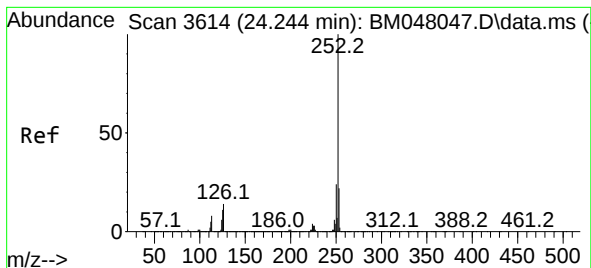


#91
Benzo(k)fluoranthene
Concen: 6.324 ng/ul m
RT: 23.498 min Scan# 3487
Delta R.T. 0.012 min
Lab File: BM048051.D
Acq: 15 Oct 2024 06:45



Tgt Ion:252 Resp: 589058
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 12.6 8.9 13.3





#93

Benzo(a)pyrene

Concen: 7.034 ng/ul

RT: 24.245 min Scan# 30

Delta R.T. 0.012 min

Lab File: BM048051.D

Acq: 15 Oct 2024 06:45

Instrument :

BNA_M

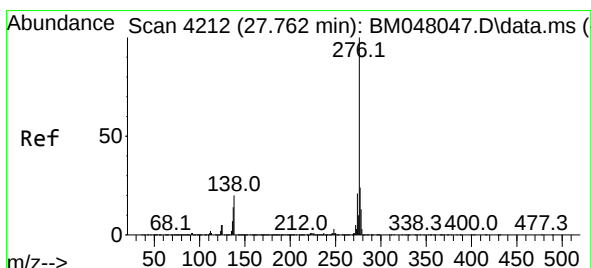
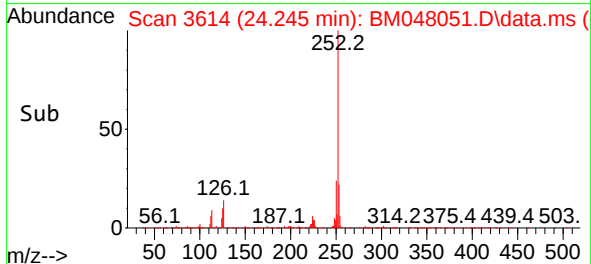
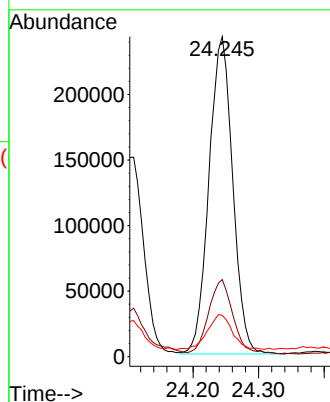
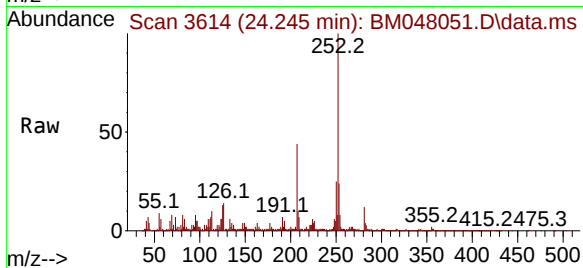
ClientSampleId :

A4EY0

Tgt Ion:252 Resp: 60858
 Ion Ratio Lower Upper
 252 100
 253 24.1 17.2 25.8
 125 12.9 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: 5.976 ng/ul

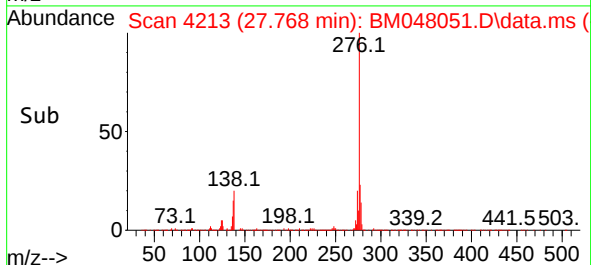
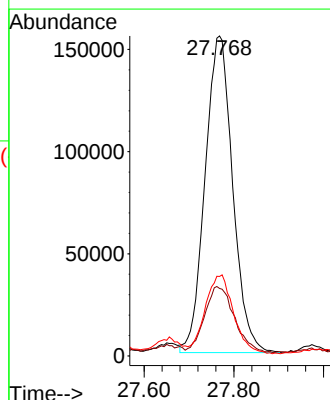
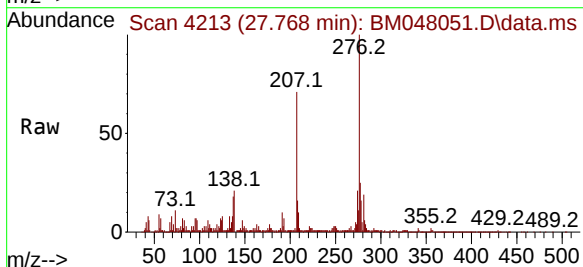
RT: 27.768 min Scan# 4213

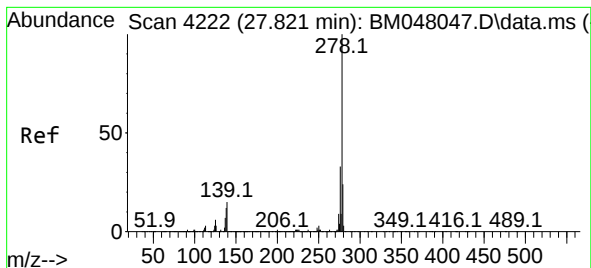
Delta R.T. 0.024 min

Lab File: BM048051.D

Acq: 15 Oct 2024 06:45

Tgt Ion:276 Resp: 662657
 Ion Ratio Lower Upper
 276 100
 138 21.1 16.9 25.3
 277 24.9 18.9 28.3





#95

Dibenzo(a,h)anthracene

Concen: 2.392 ng/ul

RT: 27.815 min Scan# 4222

Delta R.T. 0.018 min

Lab File: BM048051.D

Acq: 15 Oct 2024 06:45

Instrument :

BNA_M

ClientSampleId :

A4EY0

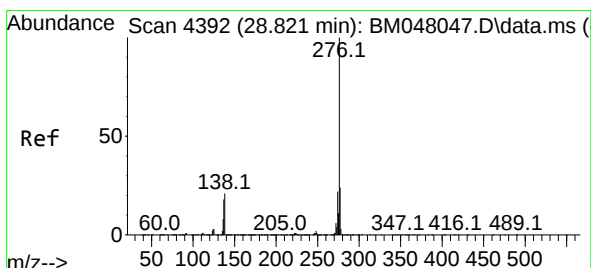
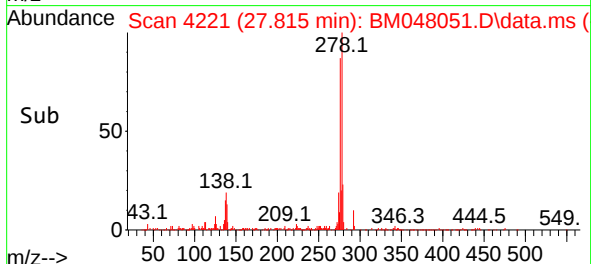
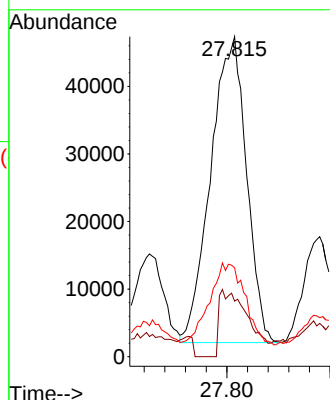
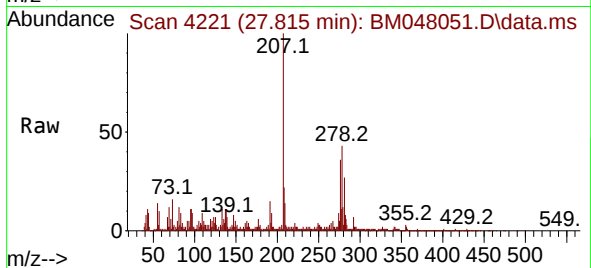
Tgt Ion:	278	Resp:	21738
Ion Ratio	Lower	Upper	
278	100		
139	17.4	13.4	20.2
279	27.7	18.4	27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/17/2024



#96

Benzo(g,h,i)perylene

Concen: 1.019 ng/ul

RT: 28.821 min Scan# 4392

Delta R.T. 0.030 min

Lab File: BM048051.D

Acq: 15 Oct 2024 06:45

Tgt Ion:	276	Resp:	88535
Ion Ratio	Lower	Upper	
276	100		
138	27.3	18.7	28.1
277	26.8	18.3	27.5

