

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048090.D
 Acq On : 16 Oct 2024 16:33
 Operator : RC/JU
 Sample : P4329-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4ER2

Manual Integrations
 APPROVED

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

Quant Time: Oct 16 23:41:03 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	7.775	152	268788	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.569	136	1106928	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.416	164	676063	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	1324584	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1126632	20.000	ng/u1	0.00
88) Perylene-d12	24.386	264	1275956	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	20933m	2.517	ng/uL	0.00
4) Pyridine-d5	3.663	84	39236	1.611	ng/u1	0.00
7) Phenol-d5	6.951	99	396954	15.618	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	244013	13.529	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	359359	19.433	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	257355	13.619	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	171960	19.511	ng/u1	0.00
24) 2-Nitrophenol-d4	9.651	143	188917	22.368	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.198	165	316839	18.779	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	131534	5.043	ng/u1	0.00
46) Dimethylphthalate-d6	13.821	166	951440	19.411	ng/u1	-0.01
49) Acenaphthylene-d8	14.110	160	1091330	18.779	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	130483	13.371	ng/u1	0.01
60) Fluorene-d10	15.410	176	838273	19.745	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	62359	8.045	ng/u1	0.00
73) Anthracene-d10	17.257	188	1241498	19.061	ng/u1	0.00
81) Pyrene-d10	19.545	212	1007312	15.754	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	596806	9.015	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.981	94	33651	1.244	ng/u1	92
16) Acetophenone	8.598	105	74966	2.318	ng/u1	90
72) Phenanthrene	17.198	178	530347	6.828	ng/u1	99
74) Anthracene	17.292	178	90497	1.142	ng/u1	98
80) Fluoranthene	19.215	202	1180190	15.672	ng/u1	98
82) Pyrene	19.574	202	628094	7.494	ng/u1	98
85) Benzo(a)anthracene	21.368	228	471030	5.971	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.286	149	239116	5.375	ng/u1#	96
87) Chrysene	21.427	228	557793	7.253	ng/u1	98
90) Benzo(b)fluoranthene	23.439	252	751877	9.449	ng/u1	97
91) Benzo(k)fluoranthene	23.491	252	283535m	3.485	ng/u1	
93) Benzo(a)pyrene	24.238	252	177356	2.347	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.756	276	196670	2.031	ng/u1	98
95) Dibenzo(a,h)anthracene	27.803	278	90586	1.141	ng/u1	95

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

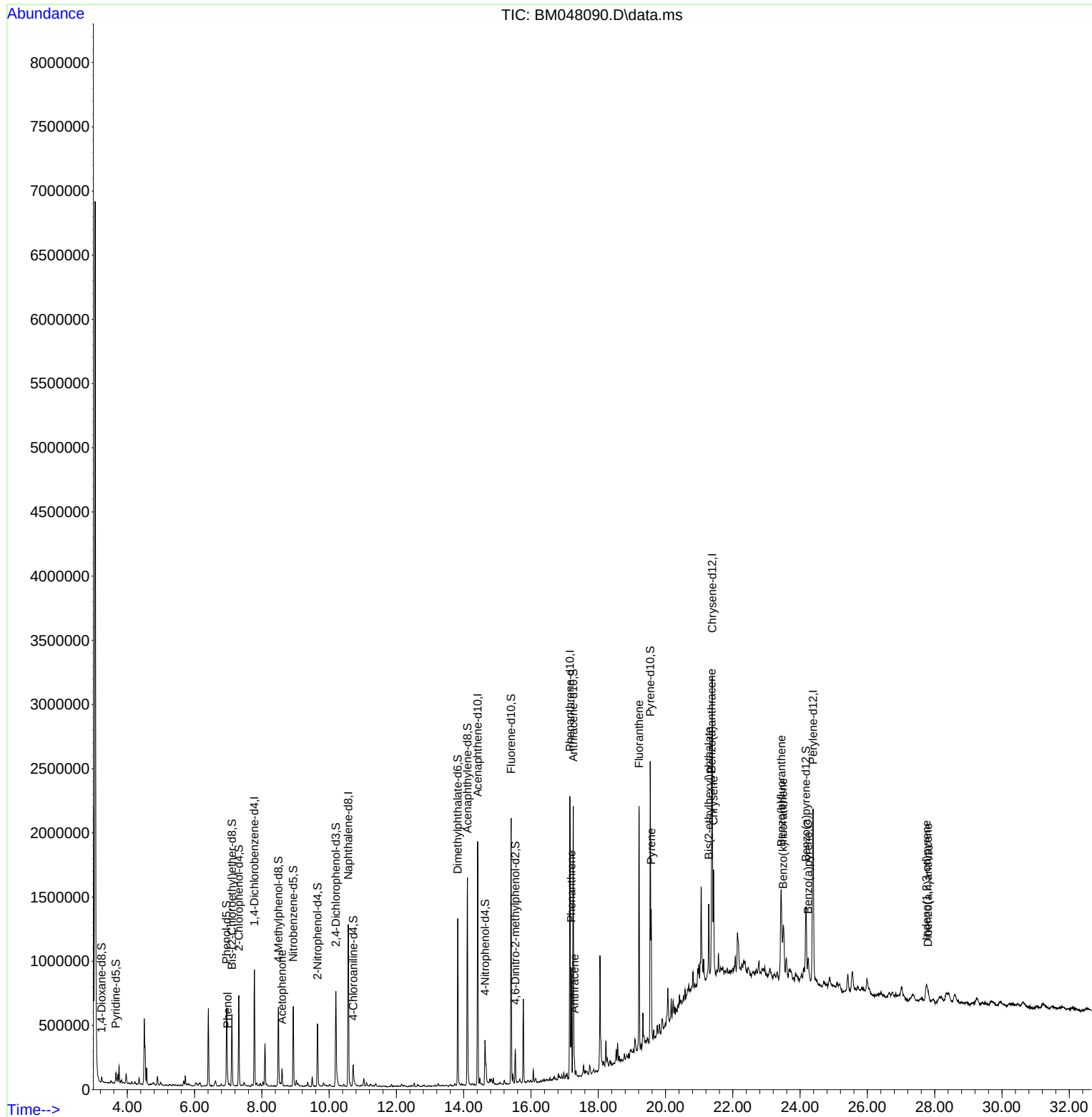
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048090.D
Acq On : 16 Oct 2024 16:33
Operator : RC/JU
Sample : P4329-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

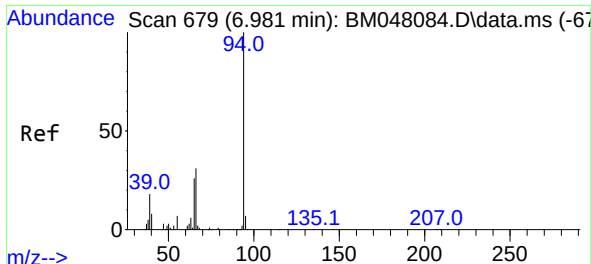
Instrument :
BNA_M
ClientSampleId :
A4ER2

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Supervised By :mohammad ahmed 10/17/2024

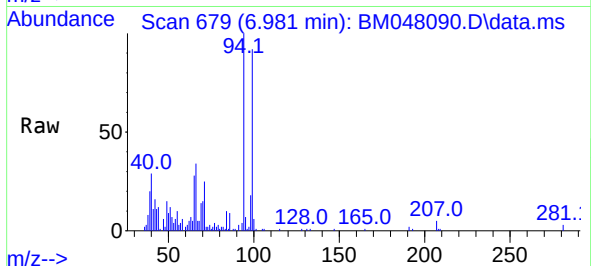
Quant Time: Oct 16 23:41:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.244 ng/ul
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM048090.D
Acq: 16 Oct 2024 16:33

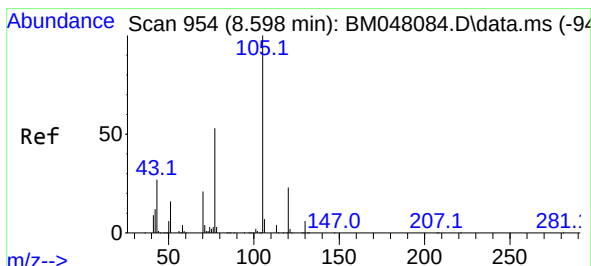
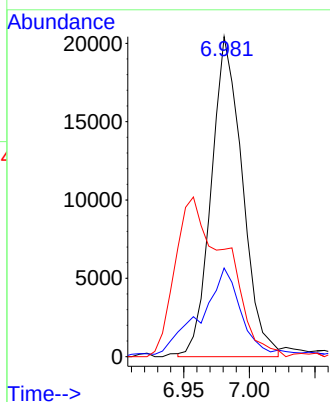
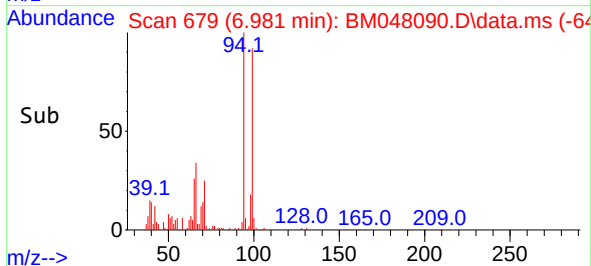
Instrument :
BNA_M
ClientSampleId :
A4ER2



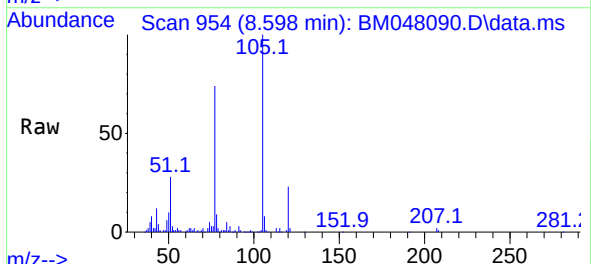
Tgt Ion: 94 Resp: 3365
Ion Ratio Lower Upper
94 100
65 27.7 26.3 39.5
66 33.5 30.5 45.7

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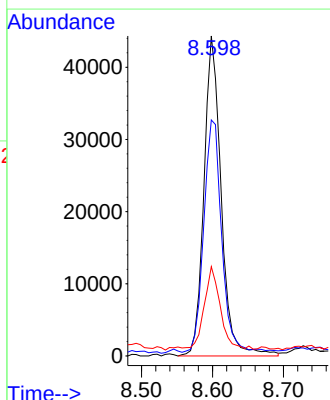
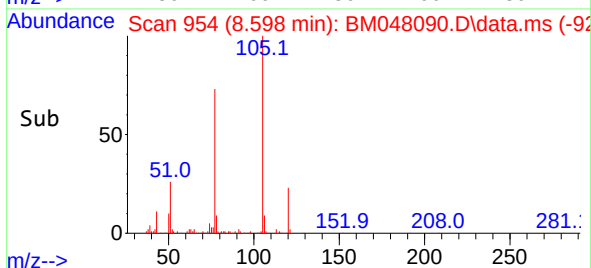
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024

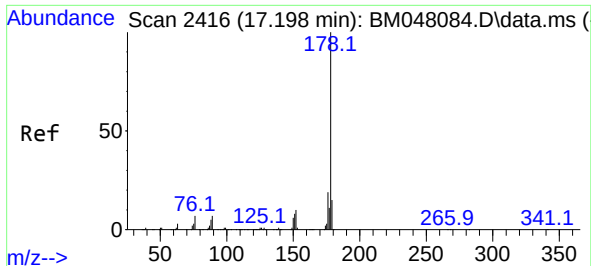


#16
Acetophenone
Concen: 2.318 ng/ul
RT: 8.598 min Scan# 954
Delta R.T. -0.012 min
Lab File: BM048090.D
Acq: 16 Oct 2024 16:33



Tgt Ion:105 Resp: 74966
Ion Ratio Lower Upper
105 100
77 73.7 66.6 100.0
51 27.9 27.0 40.4





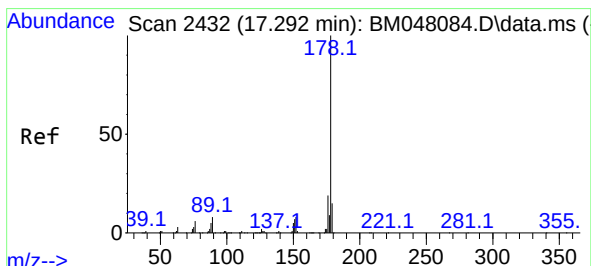
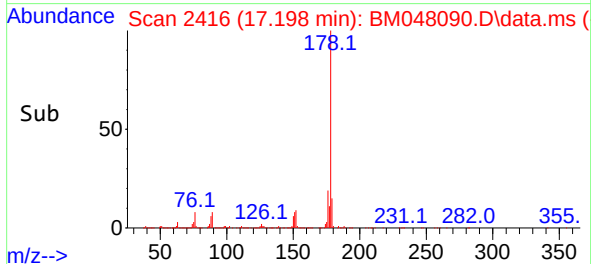
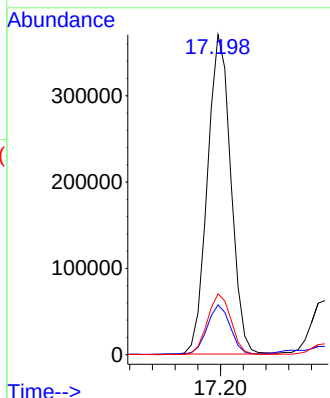
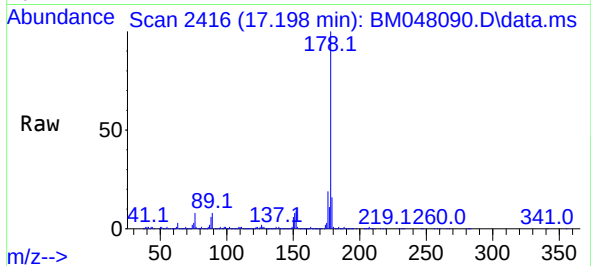
#72
Phenanthrene
Concen: 6.828 ng/u1
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM048090.D
Acq: 16 Oct 2024 16:33

Instrument :
BNA_M
ClientSampleId :
A4ER2

Tgt Ion:178 Resp: 53034
Ion Ratio Lower Upper
178 100
179 15.6 12.0 18.0
176 19.0 15.4 23.0

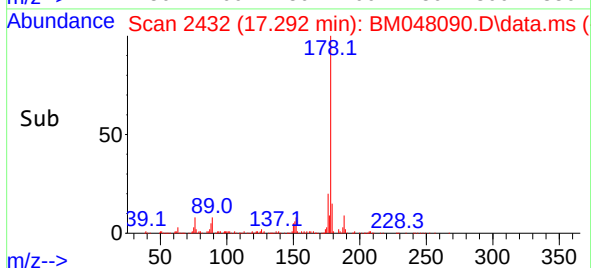
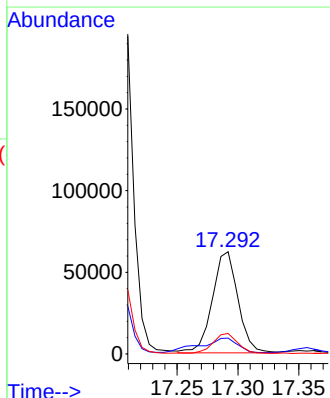
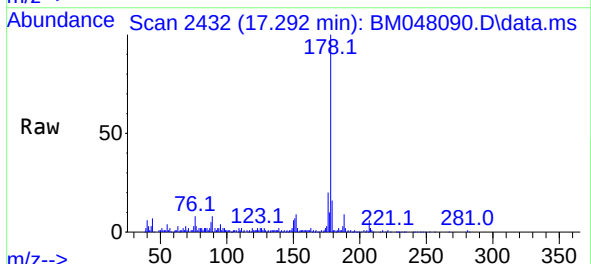
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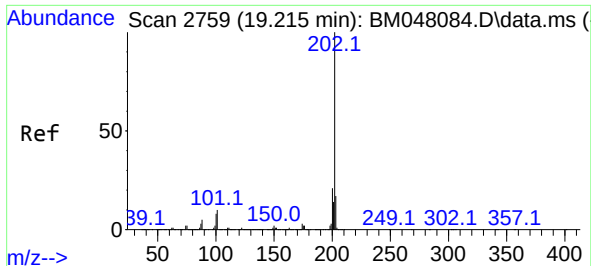
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



#74
Anthracene
Concen: 1.142 ng/u1
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM048090.D
Acq: 16 Oct 2024 16:33

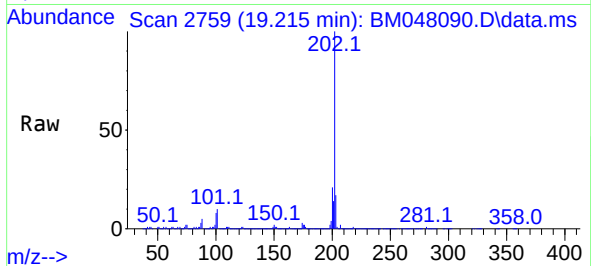
Tgt Ion:178 Resp: 90497
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 20.0 14.7 22.1





#80
Fluoranthene
Concen: 15.672 ng/u1
RT: 19.215 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048090.D
Acq: 16 Oct 2024 16:33

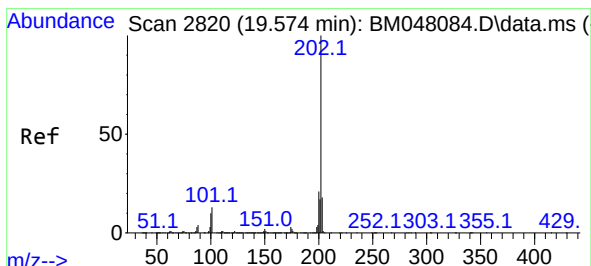
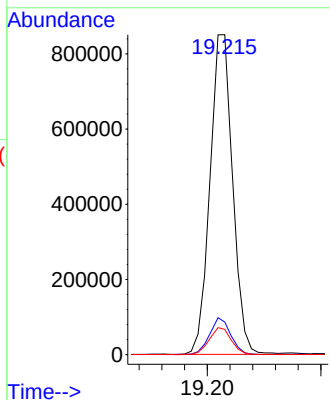
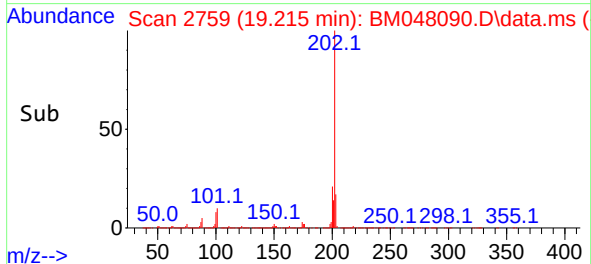
Instrument :
BNA_M
ClientSampleId :
A4ER2



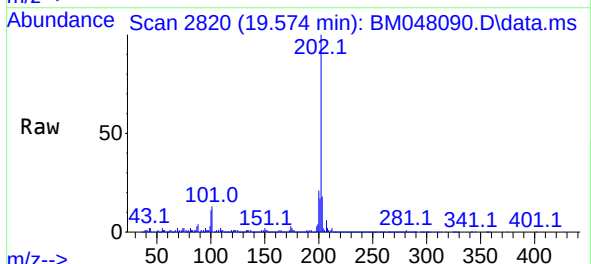
Tgt Ion:202 Resp: 1180190
Ion Ratio Lower Upper
202 100
101 10.2 9.0 13.4
100 7.9 6.8 10.2

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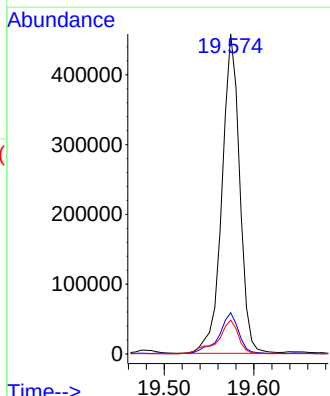
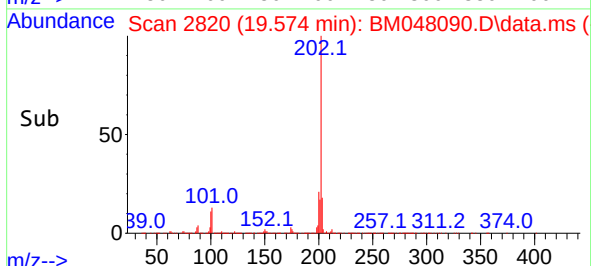
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024

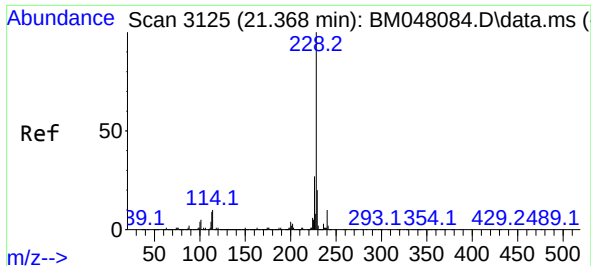


#82
Pyrene
Concen: 7.494 ng/u1
RT: 19.574 min Scan# 2820
Delta R.T. 0.000 min
Lab File: BM048090.D
Acq: 16 Oct 2024 16:33



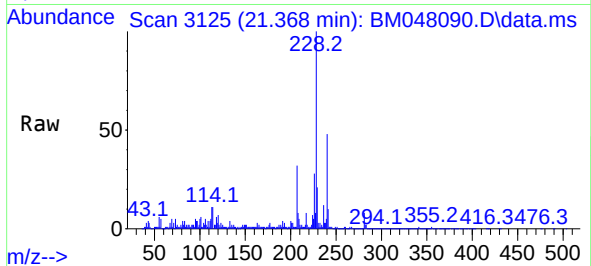
Tgt Ion:202 Resp: 628094
Ion Ratio Lower Upper
202 100
101 12.9 10.9 16.3
100 10.6 9.4 14.2





#85
Benzo(a)anthracene
Concen: 5.971 ng/ul
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM048090.D
Acq: 16 Oct 2024 16:33

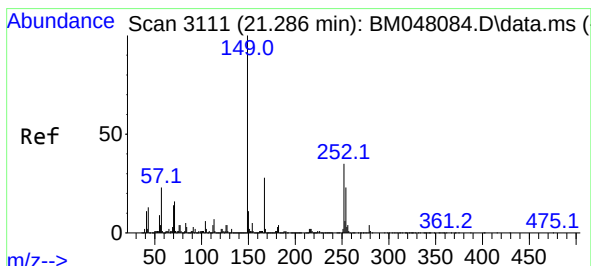
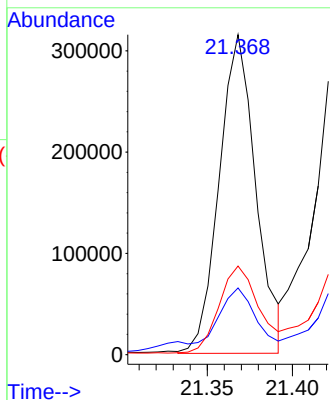
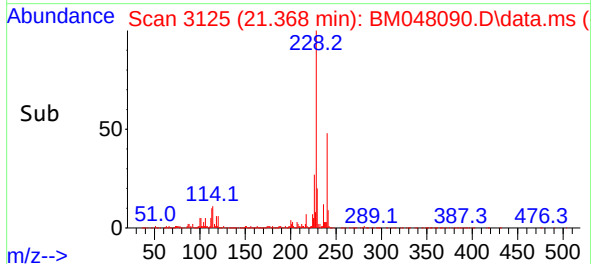
Instrument :
BNA_M
ClientSampleId :
A4ER2



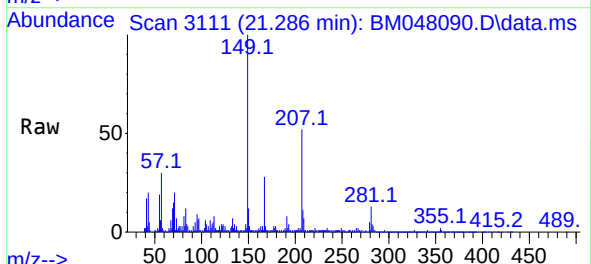
Tgt Ion:228 Resp: 471030
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 27.7 21.9 32.9

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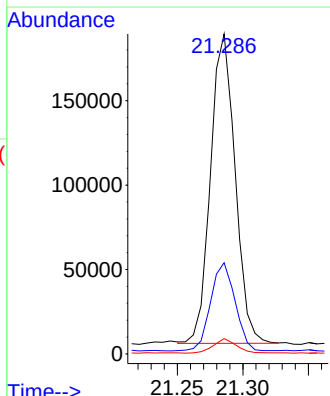
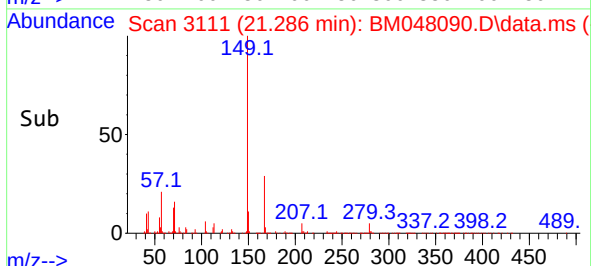
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024

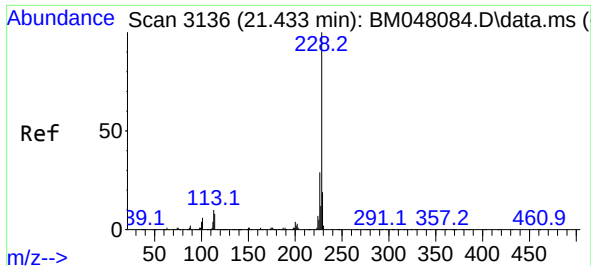


#86
Bis(2-ethylhexyl)phthalate
Concen: 5.375 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM048090.D
Acq: 16 Oct 2024 16:33



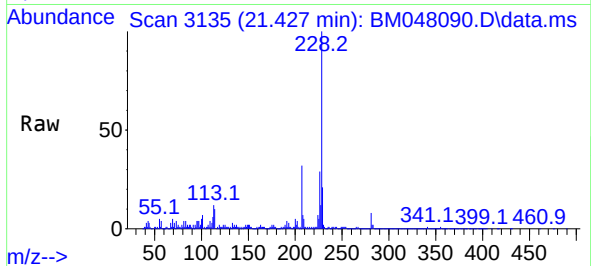
Tgt Ion:149 Resp: 239116
Ion Ratio Lower Upper
149 100
167 28.5 21.3 31.9
279 4.8 2.7 4.1#





#87
Chrysene
Concen: 7.253 ng/u1
RT: 21.427 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BM048090.D
Acq: 16 Oct 2024 16:33

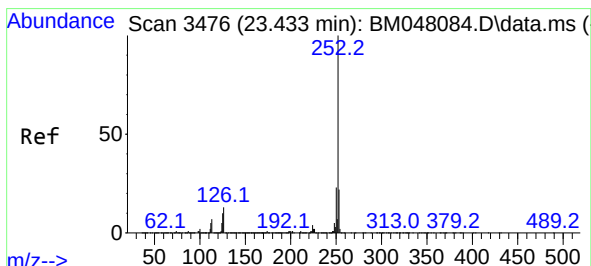
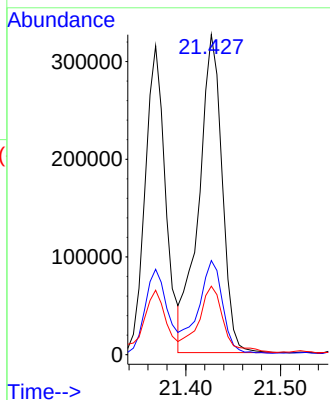
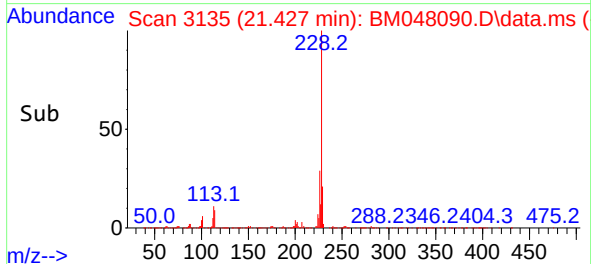
Instrument :
BNA_M
ClientSampleId :
A4ER2



Tgt Ion:228 Resp: 55779
Ion Ratio Lower Upper
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229 21.4 15.3 22.9

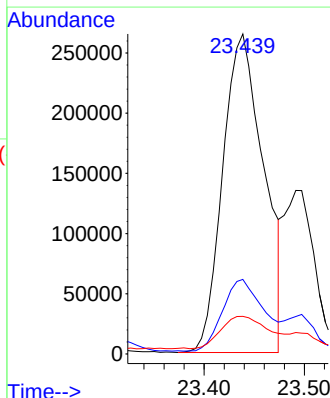
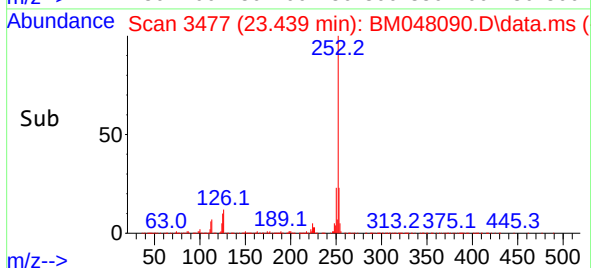
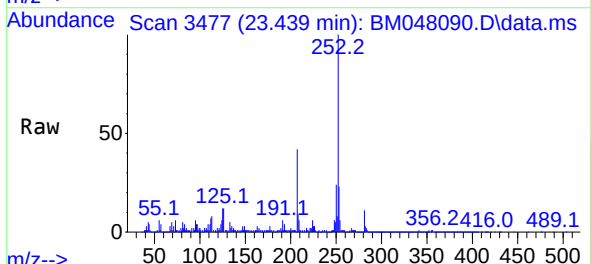
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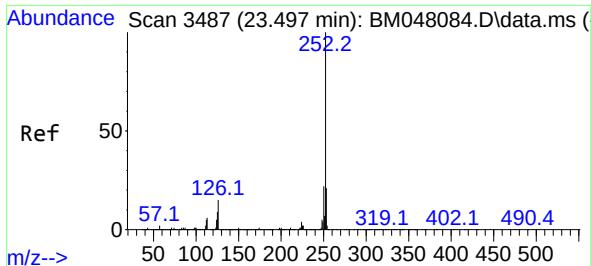
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



#90
Benzo(b)fluoranthene
Concen: 9.449 ng/u1
RT: 23.439 min Scan# 3477
Delta R.T. 0.012 min
Lab File: BM048090.D
Acq: 16 Oct 2024 16:33

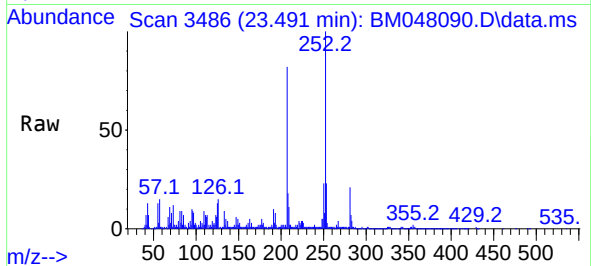
Tgt Ion:252 Resp: 751877
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 11.8 9.0 13.4





#91
Benzo(k)fluoranthene
Concen: 3.485 ng/ul m
RT: 23.491 min Scan# 3487
Delta R.T. 0.006 min
Lab File: BM048090.D
Acq: 16 Oct 2024 16:33

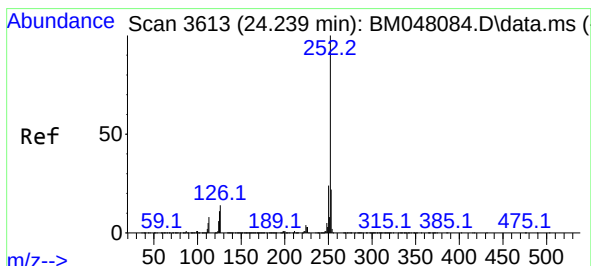
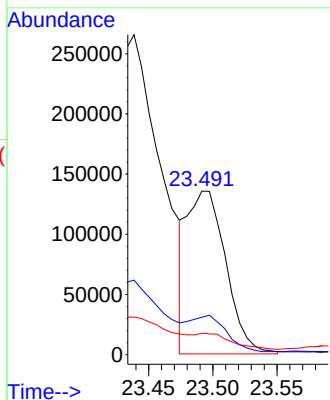
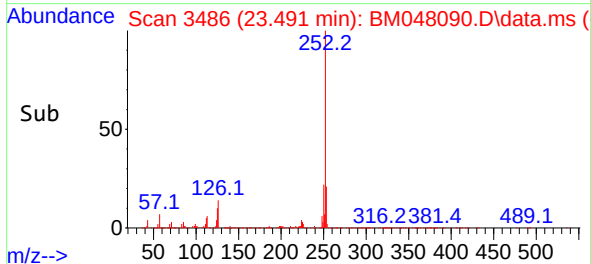
Instrument :
BNA_M
ClientSampleId :
A4ER2



Tgt Ion:252 Resp: 28353
Ion Ratio Lower Upper
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253 22.9 17.5 26.3
125 13.1 8.9 13.3

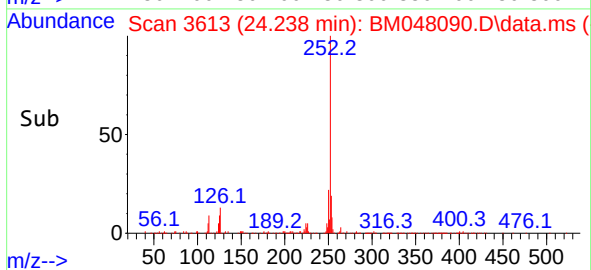
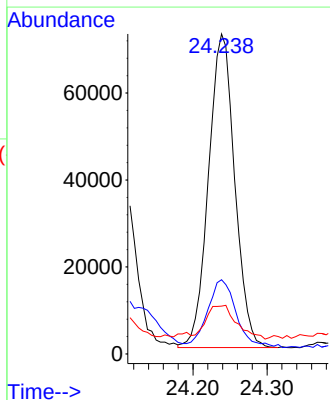
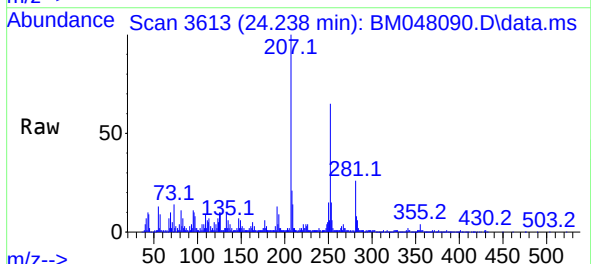
Manual Integrations
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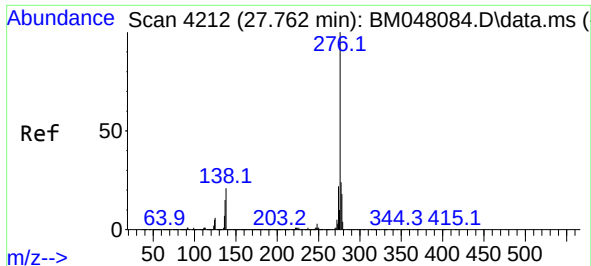
Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024



#93
Benzo(a)pyrene
Concen: 2.347 ng/ul
RT: 24.238 min Scan# 3613
Delta R.T. 0.006 min
Lab File: BM048090.D
Acq: 16 Oct 2024 16:33

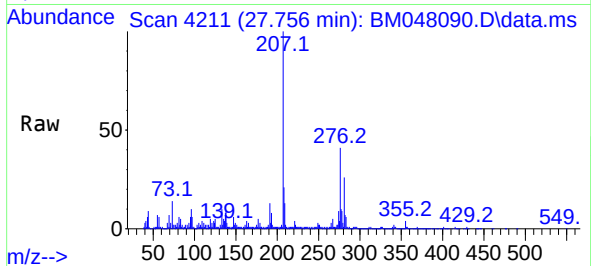
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Ion Ratio Lower Upper
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253 23.2 17.2 25.8
125 15.0 10.1 15.1





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.031 ng/ul
RT: 27.756 min Scan# 4212
Delta R.T. 0.012 min
Lab File: BM048090.D
Acq: 16 Oct 2024 16:33

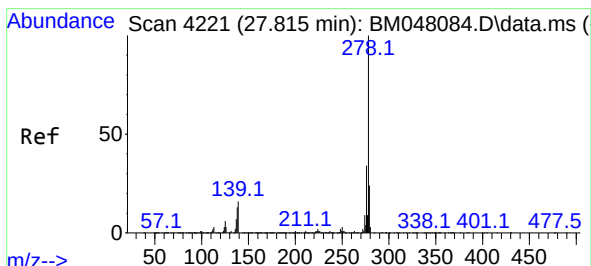
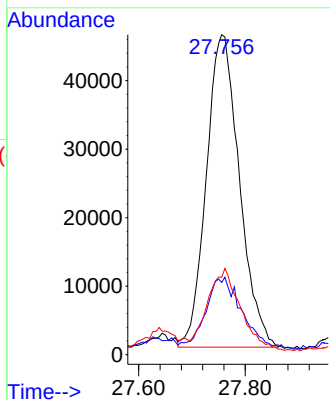
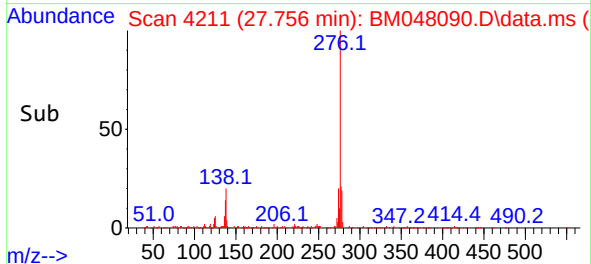
Instrument :
BNA_M
ClientSampleId :
A4ER2



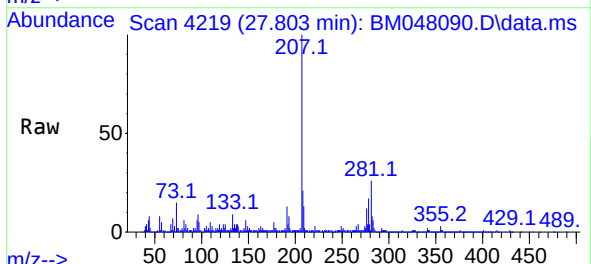
Tgt Ion:276 Resp: 196670
Ion Ratio Lower Upper
276 100
138 22.6 16.9 25.3
277 24.2 18.9 28.3

Manual Integrations
APPROVED

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



#95
Dibenzo(a,h)anthracene
Concen: 1.141 ng/ul
RT: 27.803 min Scan# 4219
Delta R.T. 0.006 min
Lab File: BM048090.D
Acq: 16 Oct 2024 16:33



Tgt Ion:278 Resp: 90586
Ion Ratio Lower Upper
278 100
139 19.0 13.4 20.2
279 25.2 18.4 27.6

