

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047874.D
 Acq On : 05 Oct 2024 12:46
 Operator : RC/JU
 Sample : P4083-17
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EH0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2024
 Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 05 23:23:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	339023	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1332332	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.433	164	806527	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1689412	20.000	ng/u1	0.00
79) Chrysene-d12	21.397	240	1572043	20.000	ng/u1	0.00
88) Perylene-d12	24.397	264	1868412	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	26726m	2.548	ng/uL	0.00
4) Pyridine-d5	3.669	84	305140	9.934	ng/u1	0.00
7) Phenol-d5	6.963	99	449166	14.011	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	288318	12.674	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	394429	16.911	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	359205	15.071	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	183194	17.269	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	196050	19.285	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	362146	17.833	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	395875	12.609	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	1044188	17.857	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	1239539	17.879	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	130374	11.199	ng/u1	0.00
60) Fluorene-d10	15.421	176	973012	19.211	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	79938	8.086	ng/u1	0.00
73) Anthracene-d10	17.268	188	1515231	18.240	ng/u1	0.00
81) Pyrene-d10	19.556	212	1899418	21.289	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.191	264	1948882	20.104	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.209	178	135893	1.372	ng/u1	98
80) Fluoranthene	19.221	202	271131	2.580	ng/u1	99
82) Pyrene	19.586	202	280332	2.397	ng/u1	97
85) Benzo(a)anthracene	21.380	228	143237	1.301	ng/u1#	89
87) Chrysene	21.439	228	159723	1.488	ng/u1#	94
90) Benzo(b)fluoranthene	23.444	252	210536	1.807	ng/u1#	87
93) Benzo(a)pyrene	24.250	252	135408	1.224	ng/u1#	82
96) Benzo(g,h,i)perylene	28.826	276	118196	1.064	ng/u1	99

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

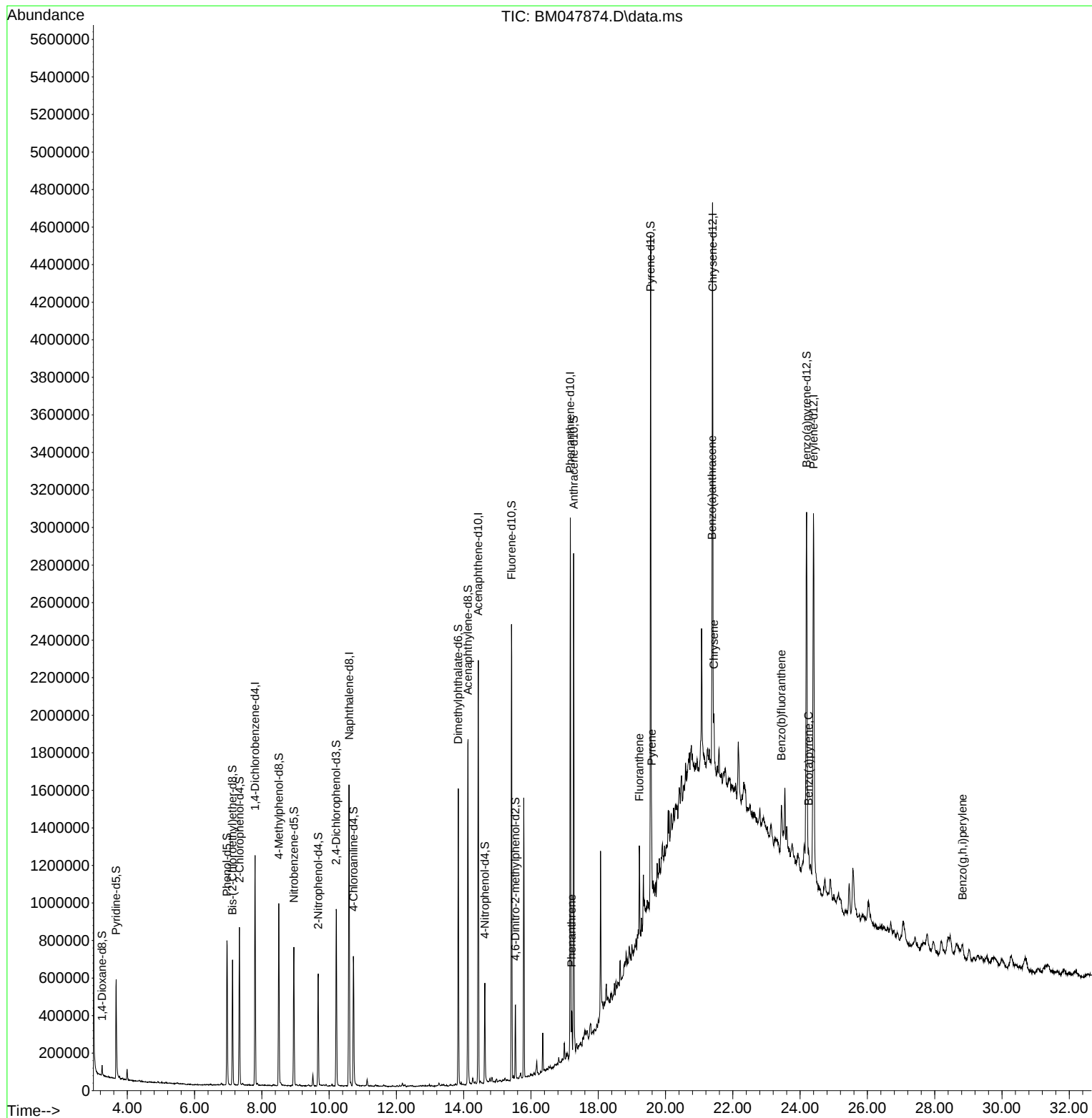
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
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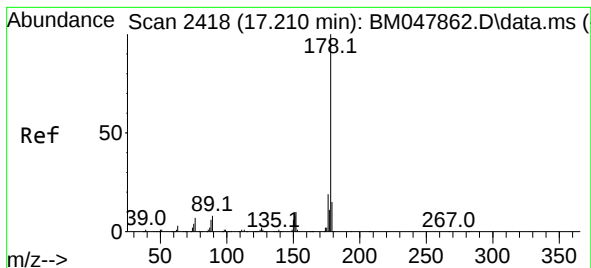
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#72

Phenanthrene

Concen: 1.372 ng/ul

RT: 17.209 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM047874.D

Acq: 05 Oct 2024 12:46

Instrument :

BNA_M

ClientSampleId :

A4EH0

Tgt Ion:178 Resp: 13589

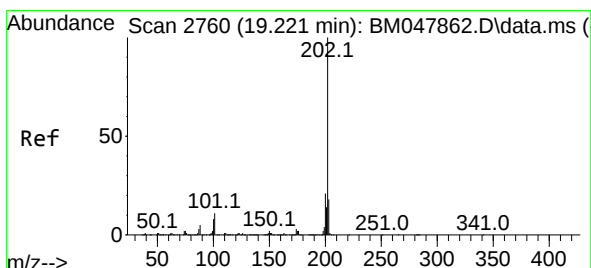
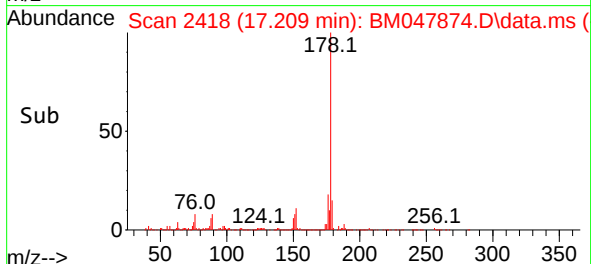
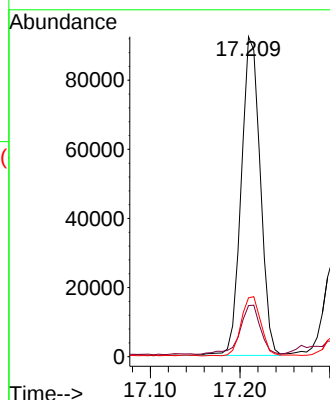
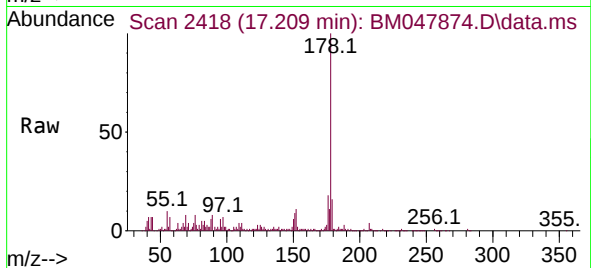
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.0	18.0
176	18.4	15.4	23.0

Manual Integrations

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#80

Fluoranthene

Concen: 2.580 ng/ul

RT: 19.221 min Scan# 2760

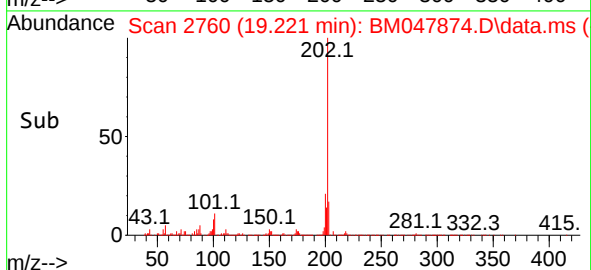
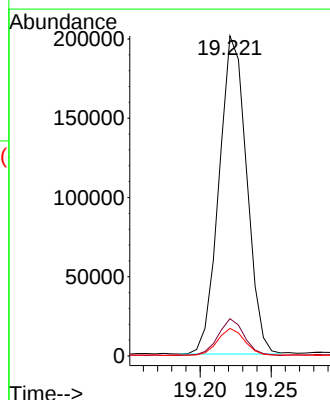
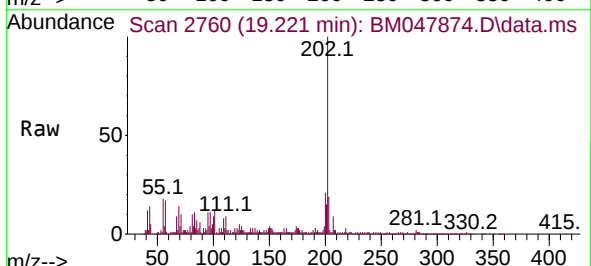
Delta R.T. -0.006 min

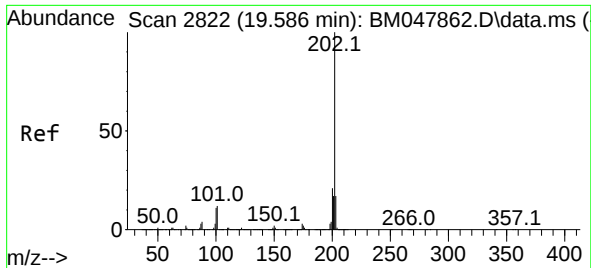
Lab File: BM047874.D

Acq: 05 Oct 2024 12:46

Tgt Ion:202 Resp: 271131

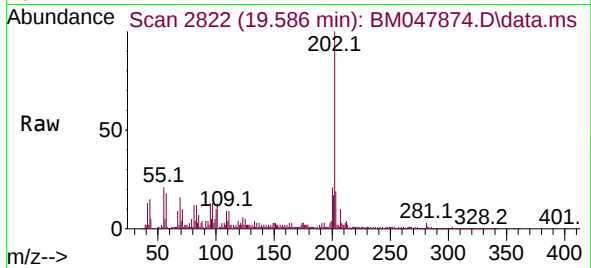
Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.0	13.4
100	8.6	6.8	10.2





#82
Pyrene
Concen: 2.397 ng/u1
RT: 19.586 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047874.D
Acq: 05 Oct 2024 12:46

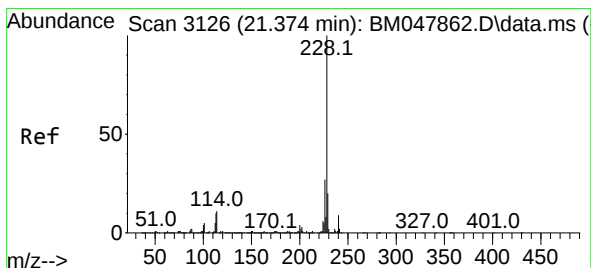
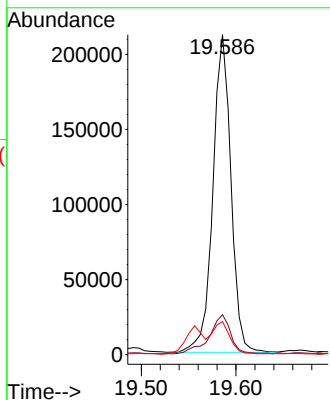
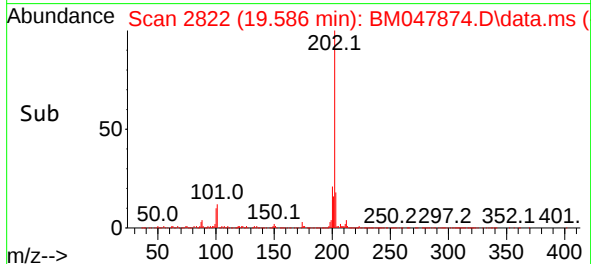
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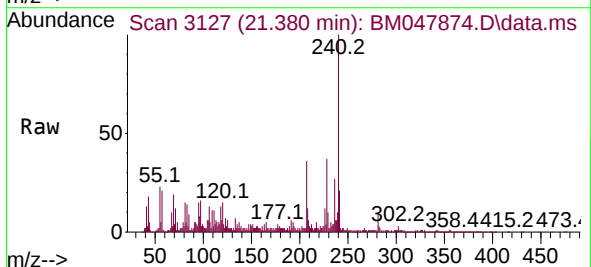
Tgt Ion:202 Resp: 28033
Ion Ratio Lower Upper
202 100
101 12.5 10.9 16.3
100 10.4 9.4 14.2

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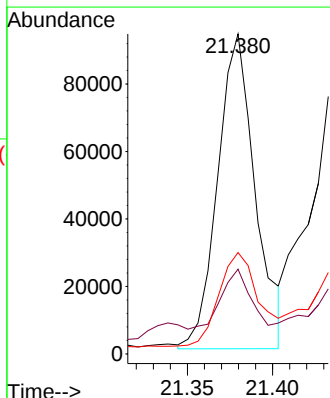
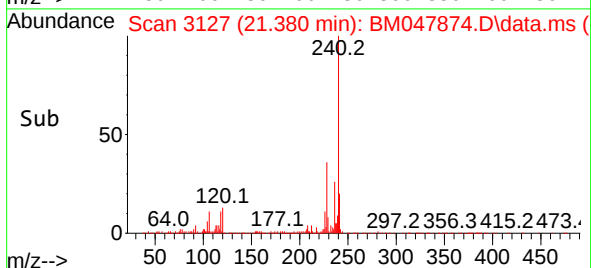
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024

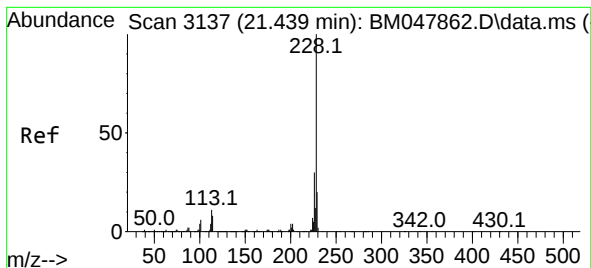


#85
Benzo(a)anthracene
Concen: 1.301 ng/u1
RT: 21.380 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BM047874.D
Acq: 05 Oct 2024 12:46



Tgt Ion:228 Resp: 143237
Ion Ratio Lower Upper
228 100
229 26.5 15.6 23.4#
226 31.7 21.9 32.9





#87

Chrysene

Concen: 1.488 ng/ul

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM047874.D

Acq: 05 Oct 2024 12:46

Instrument :

BNA_M

ClientSampleId :

A4EH0

Tgt Ion:228 Resp: 15972

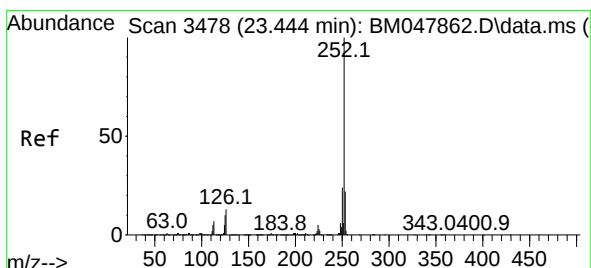
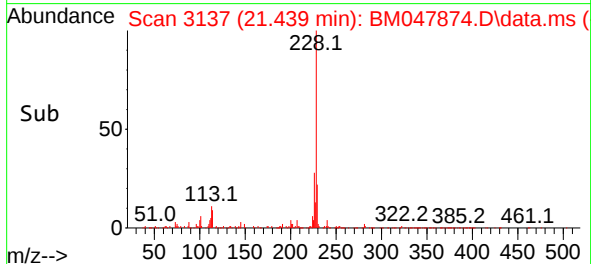
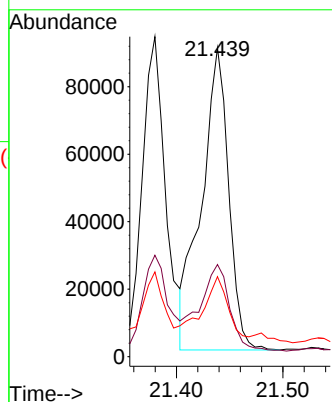
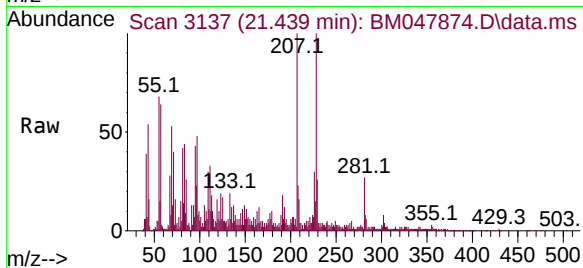
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.6	35.4
229	25.9	15.3	22.9

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#90

Benzo(b)fluoranthene

Concen: 1.807 ng/ul

RT: 23.444 min Scan# 3478

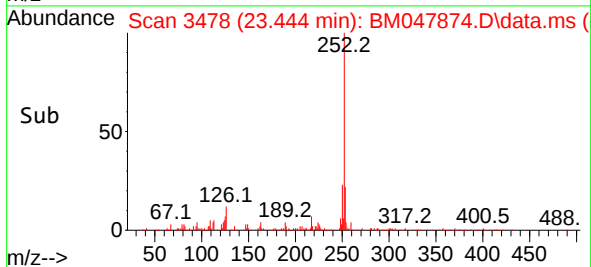
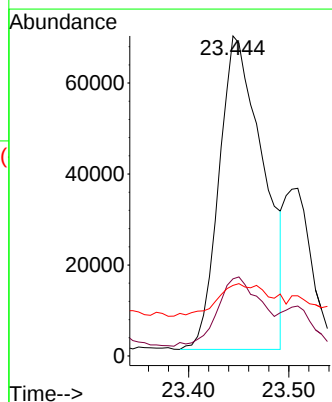
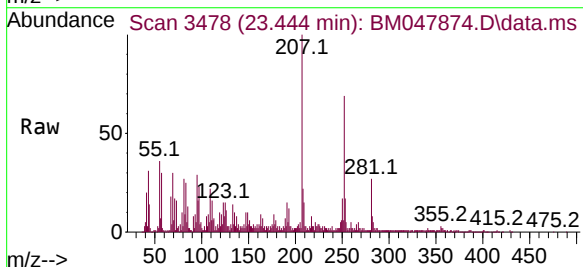
Delta R.T. -0.006 min

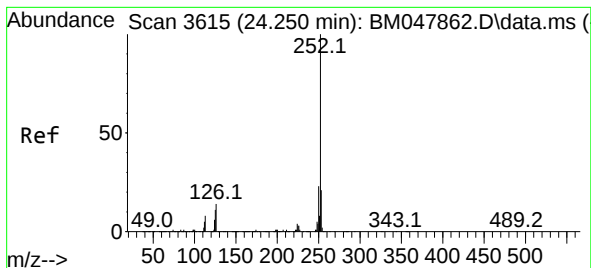
Lab File: BM047874.D

Acq: 05 Oct 2024 12:46

Tgt Ion:252 Resp: 210536

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.2
125	22.1	9.0	13.4





#93

Benzo(a)pyrene

Concen: 1.224 ng/ul

RT: 24.250 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM047874.D

Acq: 05 Oct 2024 12:46

Instrument :

BNA_M

ClientSampleId :

A4EH0

Tgt Ion:252 Resp: 135408

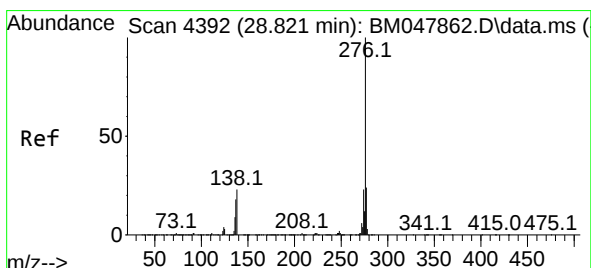
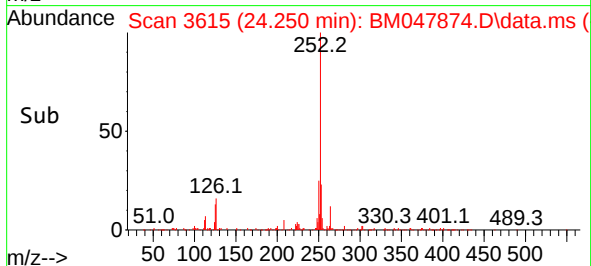
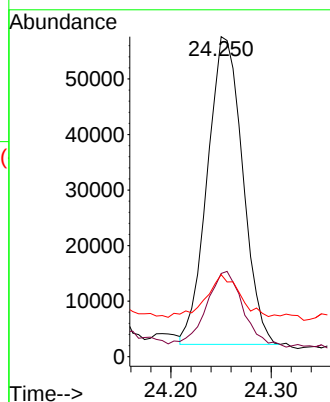
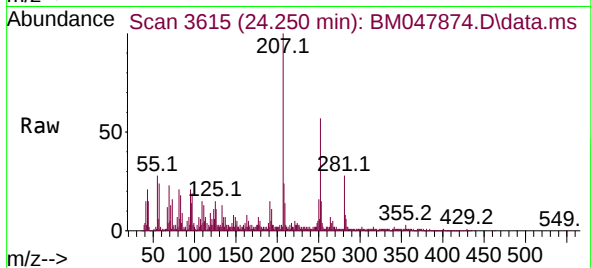
Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.2	25.8
125	25.6	10.1	15.1

Manual Integrations

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Supervised By :mohammad ahmed 10/06/2024



#96

Benzo(g,h,i)perylene

Concen: 1.064 ng/ul

RT: 28.826 min Scan# 4393

Delta R.T. -0.006 min

Lab File: BM047874.D

Acq: 05 Oct 2024 12:46

Tgt Ion:276 Resp: 118196

Ion	Ratio	Lower	Upper
276	100		
138	24.6	18.7	28.1
277	23.2	18.3	27.5

