

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047918.D
 Acq On : 08 Oct 2024 18:25
 Operator : RC/JU
 Sample : P4183-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EK8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 01:16:47 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	7.792	152	214766	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	850692	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.427	164	510988	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1048835	20.000	ng/u1	0.00
79) Chrysene-d12	21.391	240	1009861	20.000	ng/u1	0.00
88) Perylene-d12	24.391	264	1133783	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	19224	2.893	ng/uL	0.00
4) Pyridine-d5	3.669	84	267389	13.741	ng/u1	0.00
7) Phenol-d5	6.963	99	459623	22.632	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	279614	19.403	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	378092	25.589	ng/u1	0.00
15) 4-Methylphenol-d8	8.498	113	370043	24.508	ng/u1	0.00
21) Nitrobenzene-d5	8.945	128	176153	26.007	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	189053	29.126	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	356652	27.506	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	470123	23.452	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	1031181	27.834	ng/u1	0.00
49) Acenaphthylene-d8	14.121	160	1222179	27.824	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	137701	18.669	ng/u1	0.00
60) Fluorene-d10	15.421	176	927913	28.917	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	106829	17.406	ng/u1	0.00
73) Anthracene-d10	17.268	188	1439597	27.914	ng/u1	0.00
81) Pyrene-d10	19.556	212	1704599	29.741	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.185	264	1758583	29.895	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.209	178	181430	2.950	ng/u1	98
80) Fluoranthene	19.221	202	285235	4.226	ng/u1	98
82) Pyrene	19.586	202	257083	3.422	ng/u1#	95
85) Benzo(a)anthracene	21.374	228	153467	2.170	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.297	149	44302	1.111	ng/u1	100
87) Chrysene	21.439	228	142423	2.066	ng/u1	96
90) Benzo(b)fluoranthene	23.444	252	168681	2.386	ng/u1	97
91) Benzo(k)fluoranthene	23.503	252	77007m	1.065	ng/u1	
93) Benzo(a)pyrene	24.250	252	130518	1.944	ng/u1	97
96) Benzo(g,h,i)perylene	28.820	276	76423	1.133	ng/u1#	94

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

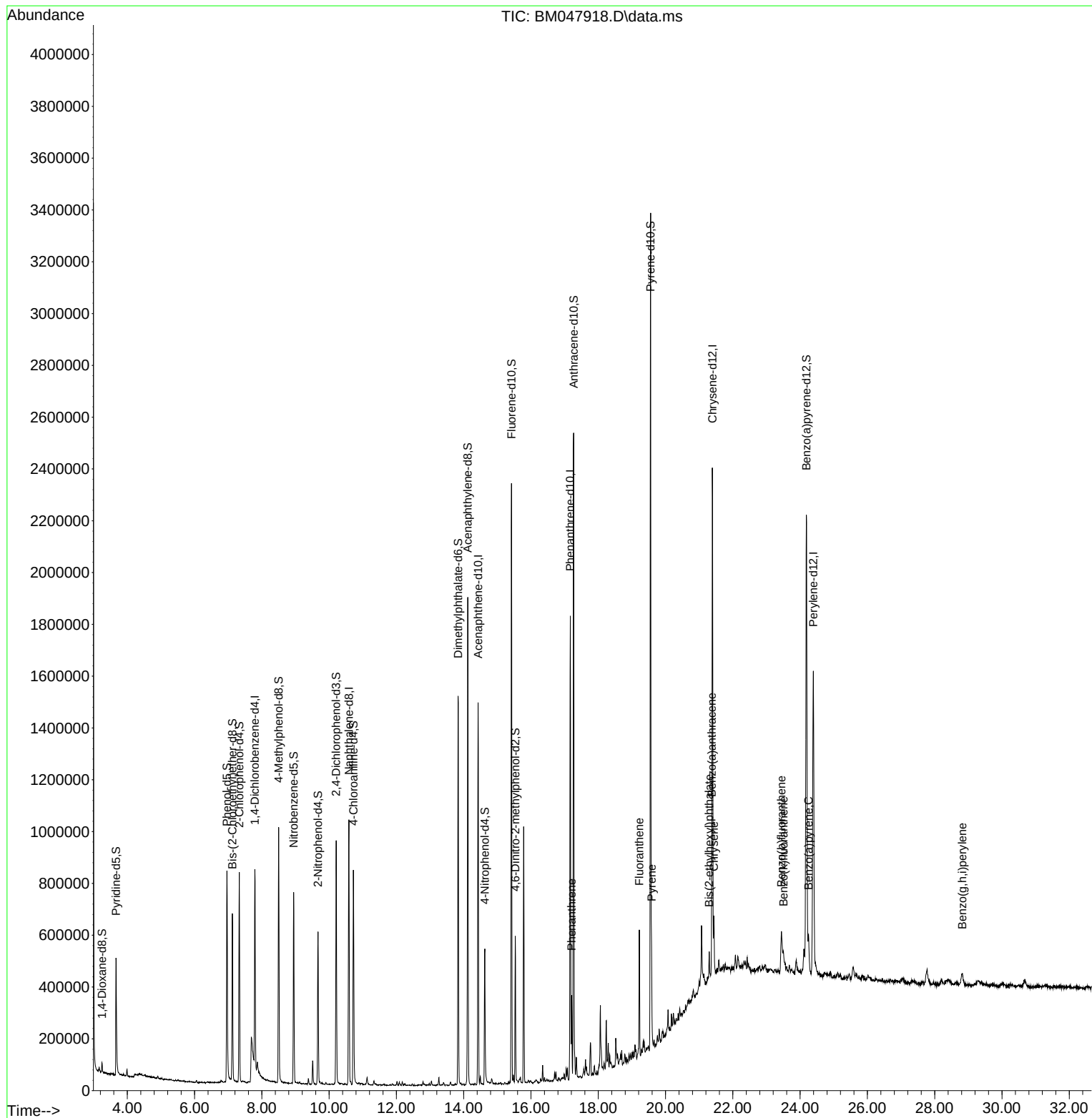
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047918.D
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ALS Vial : 7 Sample Multiplier: 1

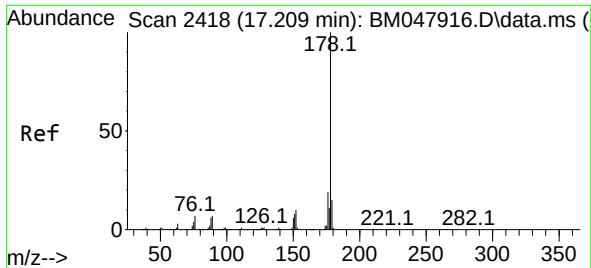
Instrument :
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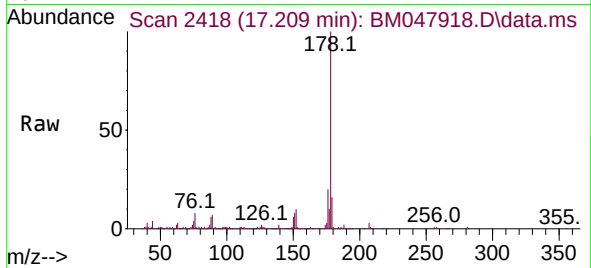
Quant Time: Oct 09 01:16:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.950 ng/ul
RT: 17.209 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM047918.D
Acq: 08 Oct 2024 18:25

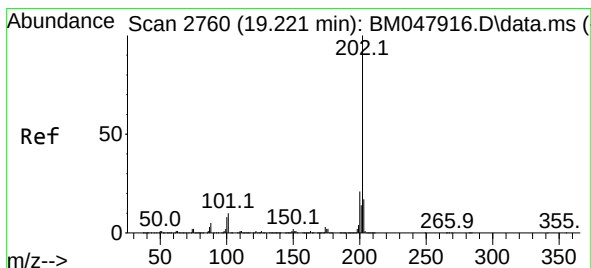
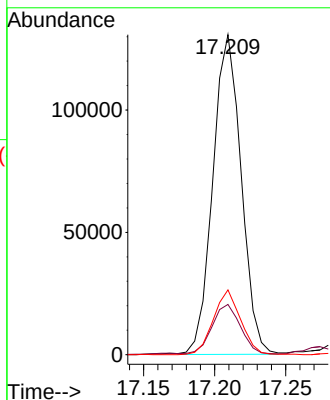
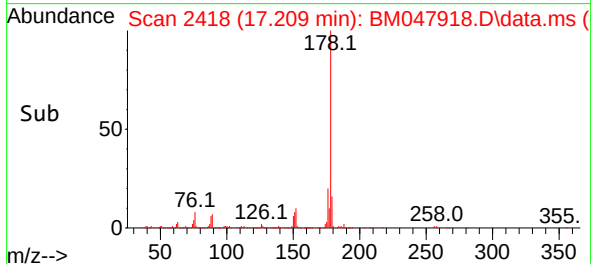
Instrument :
BNA_M
ClientSampleId :
A4EK8



Tgt Ion:178 Resp: 181430
Ion Ratio Lower Upper
178 100
179 15.7 12.0 18.0
176 20.2 15.4 23.0

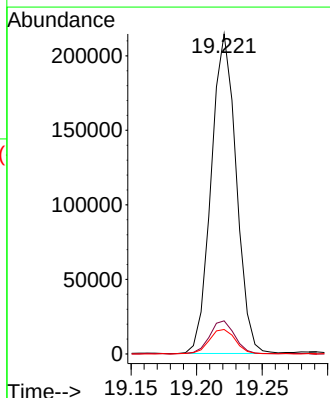
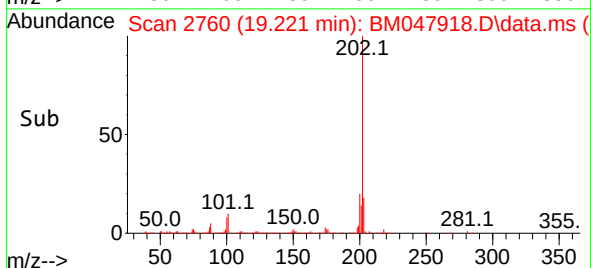
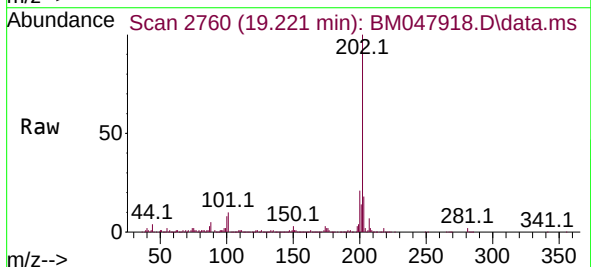
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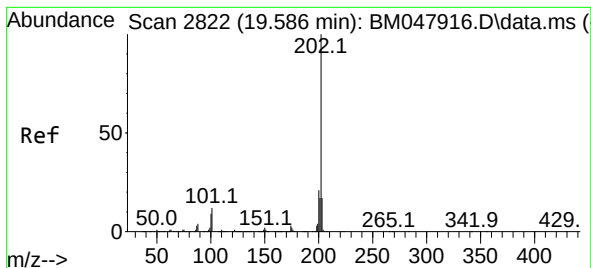
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#80
Fluoranthene
Concen: 4.226 ng/ul
RT: 19.221 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BM047918.D
Acq: 08 Oct 2024 18:25

Tgt Ion:202 Resp: 285235
Ion Ratio Lower Upper
202 100
101 10.3 9.0 13.4
100 7.7 6.8 10.2





#82

Pyrene

Concen: 3.422 ng/ul

RT: 19.586 min Scan# 2822

Delta R.T. 0.000 min

Lab File: BM047918.D

Acq: 08 Oct 2024 18:25

Instrument :

BNA_M

ClientSampleId :

A4EK8

Tgt Ion:202 Resp: 257083

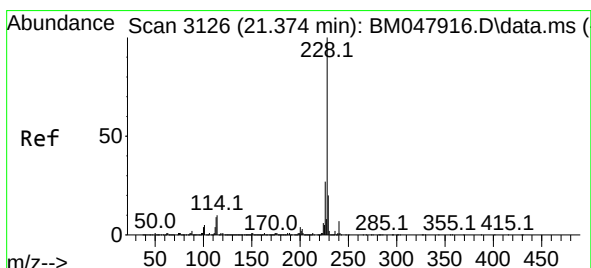
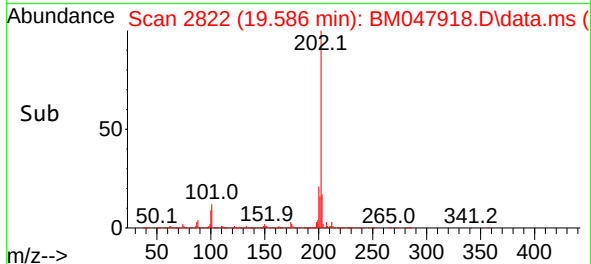
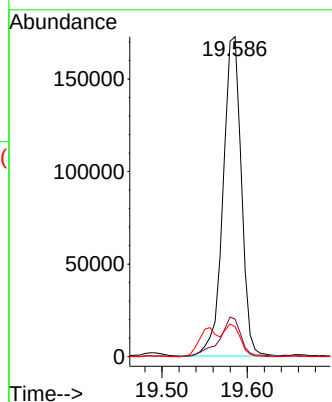
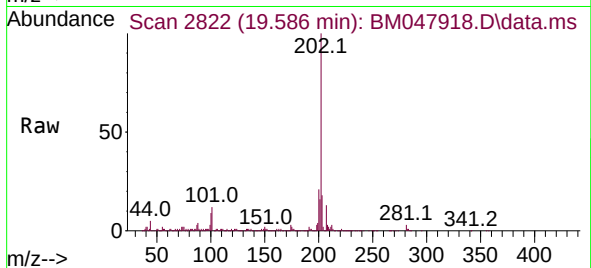
Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.9	16.3
100	9.3	9.4	14.2

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#85

Benzo(a)anthracene

Concen: 2.170 ng/ul

RT: 21.374 min Scan# 3126

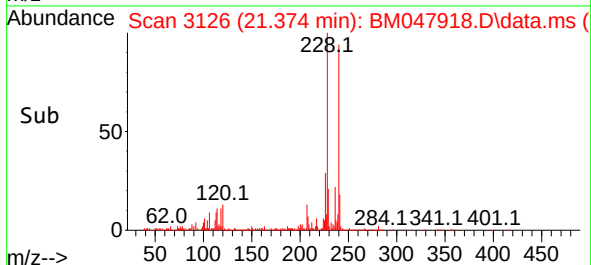
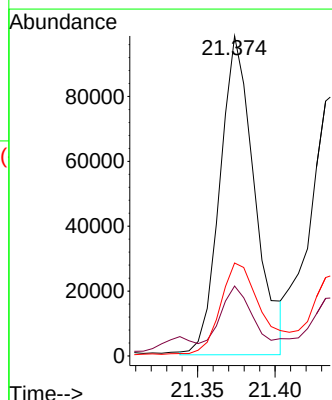
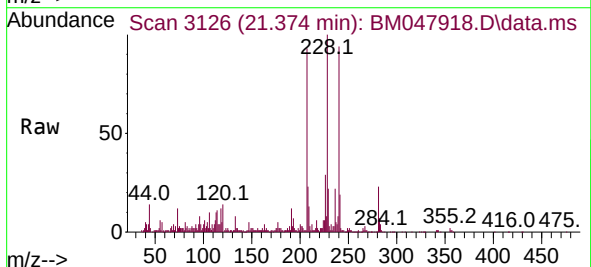
Delta R.T. -0.006 min

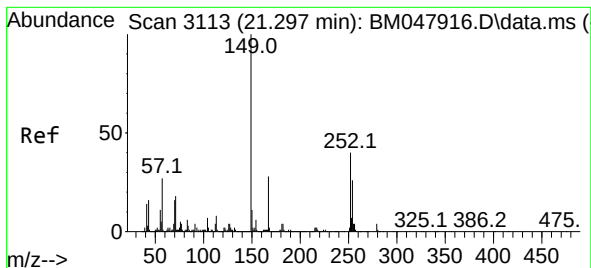
Lab File: BM047918.D

Acq: 08 Oct 2024 18:25

Tgt Ion:228 Resp: 153467

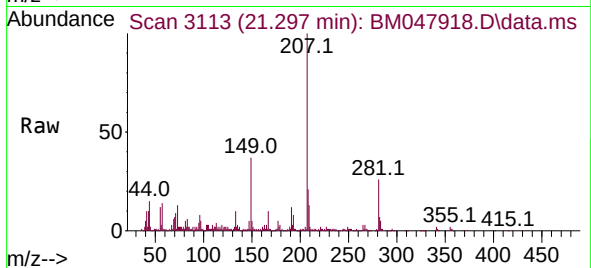
Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.6	23.4
226	29.0	21.9	32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.111 ng/ul
RT: 21.297 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM047918.D
Acq: 08 Oct 2024 18:25

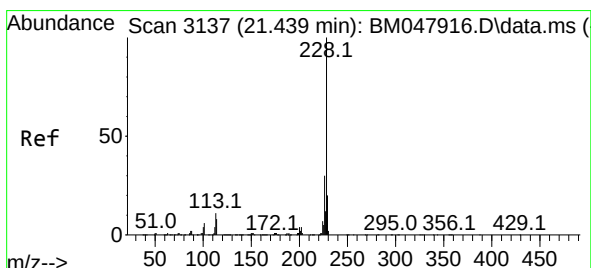
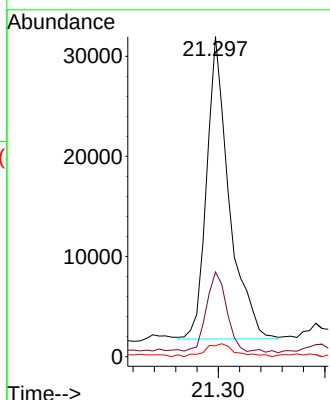
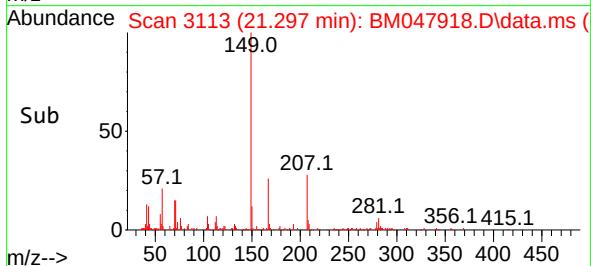
Instrument :
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ClientSampleId :
A4EK8



Tgt Ion:149 Resp: 44302
Ion Ratio Lower Upper
149 100
167 26.4 21.3 31.9
279 3.4 2.7 4.1

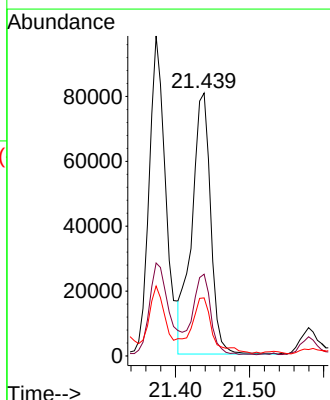
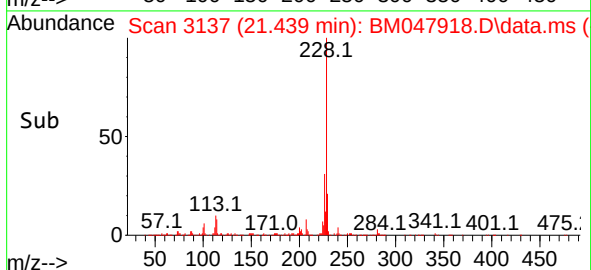
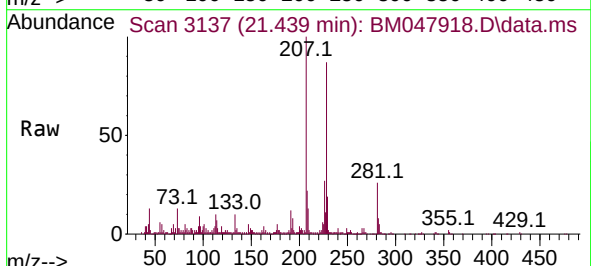
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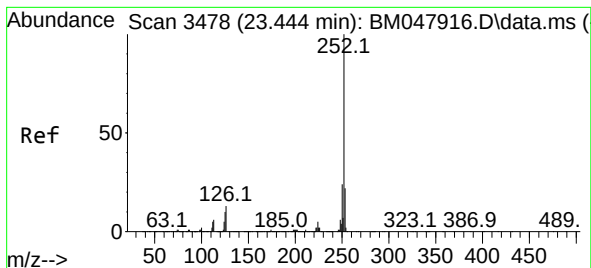
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#87
Chrysene
Concen: 2.066 ng/ul
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM047918.D
Acq: 08 Oct 2024 18:25

Tgt Ion:228 Resp: 142423
Ion Ratio Lower Upper
228 100
226 31.1 23.6 35.4
229 22.1 15.3 22.9





#90

Benzo(b)fluoranthene

Concen: 2.386 ng/ul

RT: 23.444 min Scan# 3478

Delta R.T. -0.006 min

Lab File: BM047918.D

Acq: 08 Oct 2024 18:25

Instrument :

BNA_M

ClientSampleId :

A4EK8

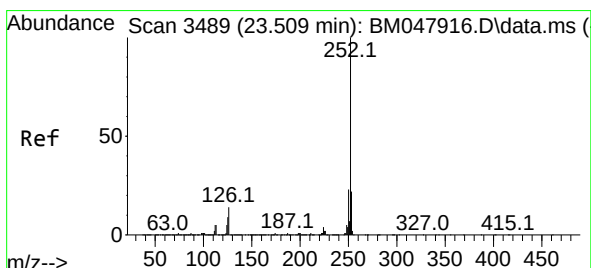
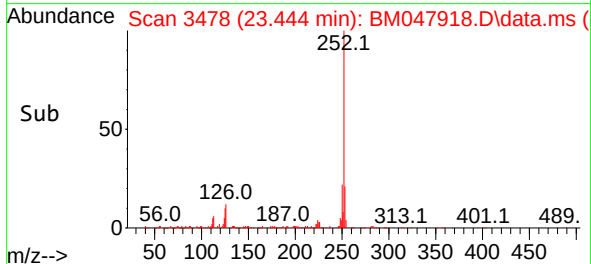
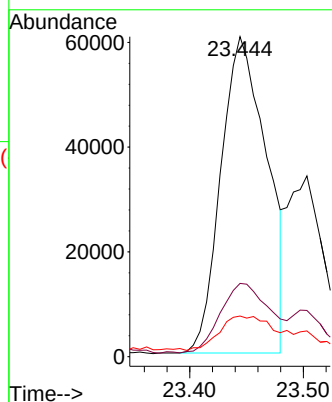
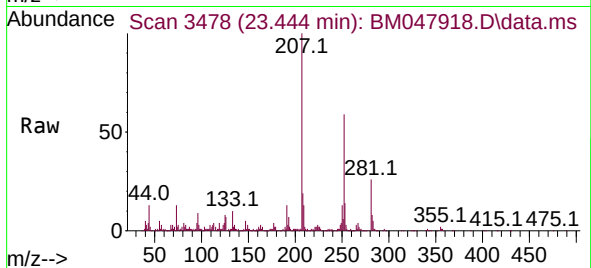
Tgt Ion:252 Resp: 16868
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.4 26.2
 125 12.7 9.0 13.4

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#91

Benzo(k)fluoranthene

Concen: 1.065 ng/ul m

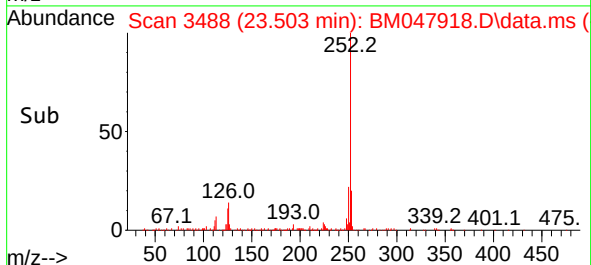
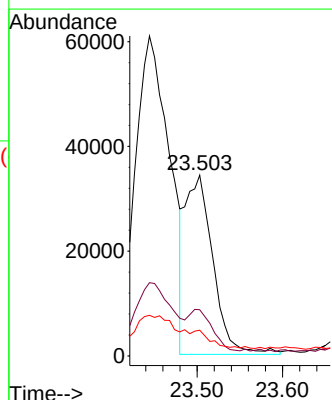
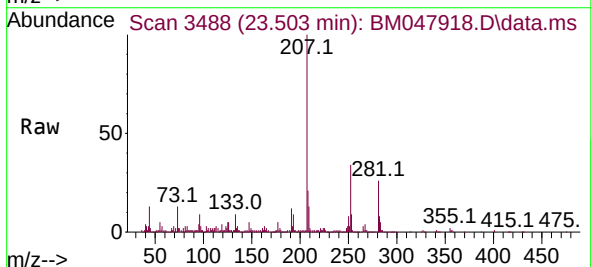
RT: 23.503 min Scan# 3488

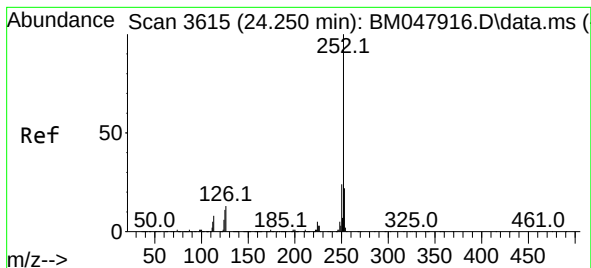
Delta R.T. -0.006 min

Lab File: BM047918.D

Acq: 08 Oct 2024 18:25

Tgt Ion:252 Resp: 77007
 Ion Ratio Lower Upper
 252 100
 253 25.6 17.5 26.3
 125 14.2 8.9 13.3#





#93

Benzo(a)pyrene

Concen: 1.944 ng/ul

RT: 24.250 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM047918.D

Acq: 08 Oct 2024 18:25

Instrument :

BNA_M

ClientSampleId :

A4EK8

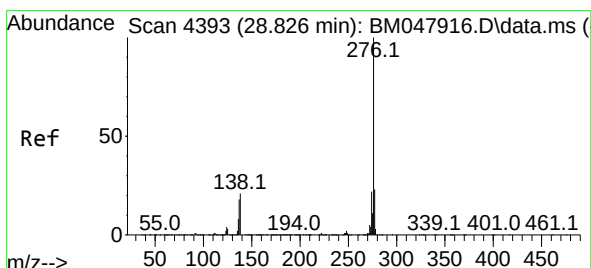
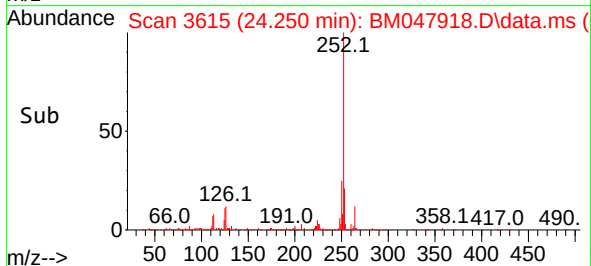
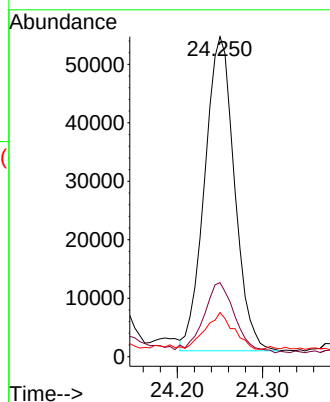
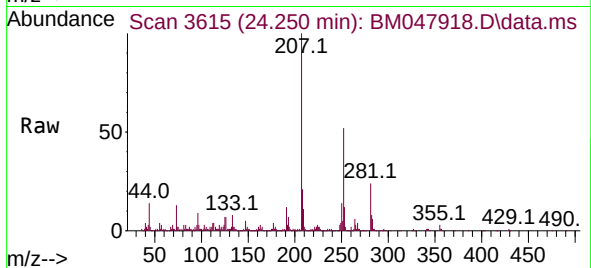
Tgt Ion:252 Resp: 130518
 Ion Ratio Lower Upper
 252 100
 253 23.1 17.2 25.8
 125 13.8 10.1 15.1

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Supervised By :mohammad ahmed 10/11/2024



#96

Benzo(g,h,i)perylene

Concen: 1.133 ng/ul

RT: 28.820 min Scan# 4392

Delta R.T. -0.012 min

Lab File: BM047918.D

Acq: 08 Oct 2024 18:25

Tgt Ion:276 Resp: 76423
 Ion Ratio Lower Upper
 276 100
 138 18.2 18.7 28.1#
 277 23.9 18.3 27.5

