

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047920.D
 Acq On : 08 Oct 2024 19:44
 Operator : RC/JU
 Sample : P4183-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EL2

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 01:40:28 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	219817	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	887459	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.427	164	535137	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1074094	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	997307	20.000	ng/u1	0.00
88) Perylene-d12	24.391	264	1127758	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	17965	2.641	ng/uL	0.00
4) Pyridine-d5	3.669	84	225098	11.302	ng/u1	0.00
7) Phenol-d5	6.963	99	422570	20.330	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	252904	17.146	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	346741	22.928	ng/u1	0.00
15) 4-Methylphenol-d8	8.498	113	341459	22.095	ng/u1	0.00
21) Nitrobenzene-d5	8.945	128	158409	22.419	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	173682	25.650	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	334995	24.765	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	431611	20.639	ng/u1	0.00
46) Dimethylphthalate-d6	13.833	166	978275	25.215	ng/u1	-0.01
49) Acenaphthylene-d8	14.121	160	1144890	24.888	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	140363	18.171	ng/u1	0.00
60) Fluorene-d10	15.421	176	874496	26.022	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	98726	15.707	ng/u1	0.00
73) Anthracene-d10	17.268	188	1359102	25.734	ng/u1	0.00
81) Pyrene-d10	19.556	212	1628953	28.779	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.185	264	1606143	27.449	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.209	178	200277	3.180	ng/u1	99
80) Fluoranthene	19.221	202	334786	5.022	ng/u1	97
82) Pyrene	19.586	202	336161	4.531	ng/u1#	95
85) Benzo(a)anthracene	21.374	228	166775	2.388	ng/u1	95
87) Chrysene	21.439	228	169358	2.488	ng/u1#	94
90) Benzo(b)fluoranthene	23.444	252	199302	2.834	ng/u1#	94
91) Benzo(k)fluoranthene	23.503	252	72489m	1.008	ng/u1	
93) Benzo(a)pyrene	24.250	252	149433	2.237	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	27.756	276	97075m	1.134	ng/u1	
96) Benzo(g,h,i)perylene	28.815	276	93392	1.393	ng/u1	96

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

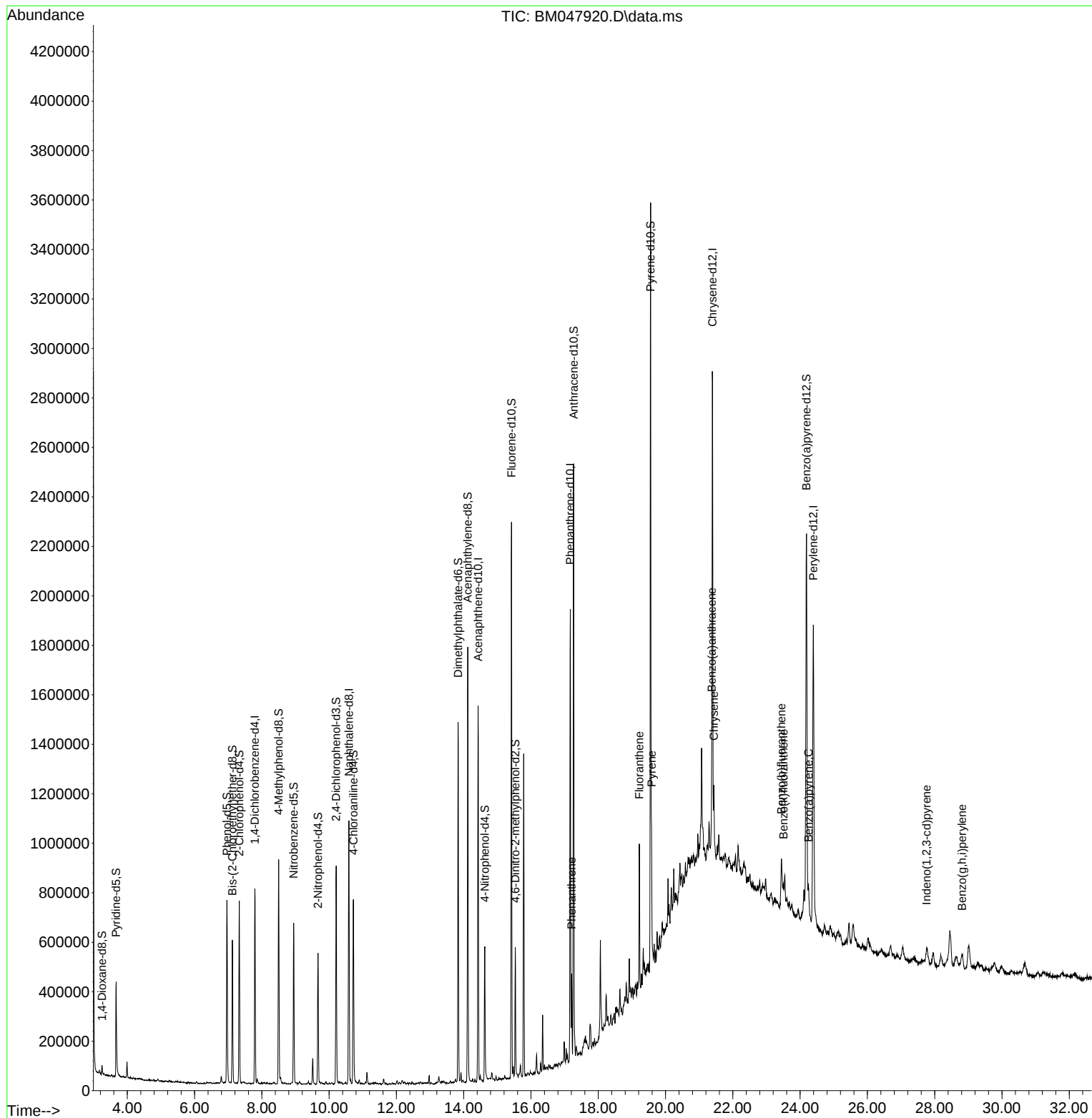
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047920.D
Acq On : 08 Oct 2024 19:44
Operator : RC/JU
Sample : P4183-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

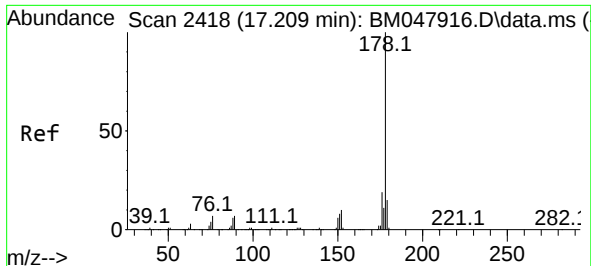
Instrument :
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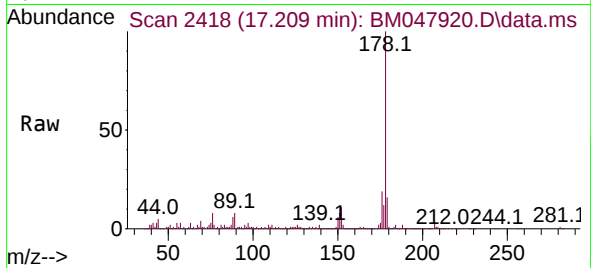
Quant Time: Oct 09 01:40:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.180 ng/ul
RT: 17.209 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM047920.D
Acq: 08 Oct 2024 19:44

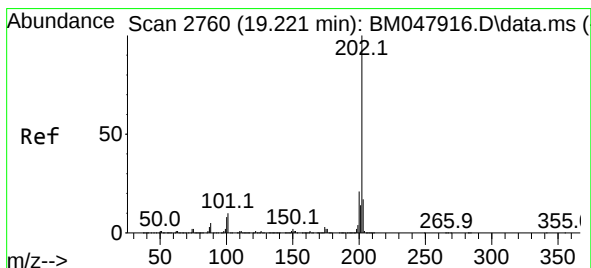
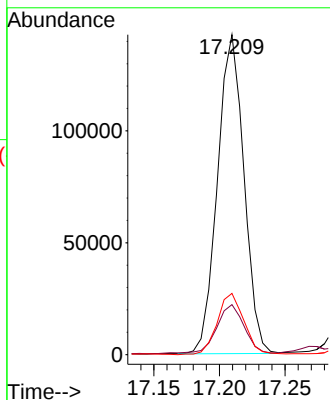
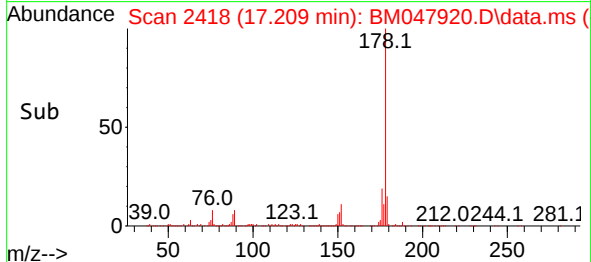
Instrument :
BNA_M
ClientSampleId :
A4EL2



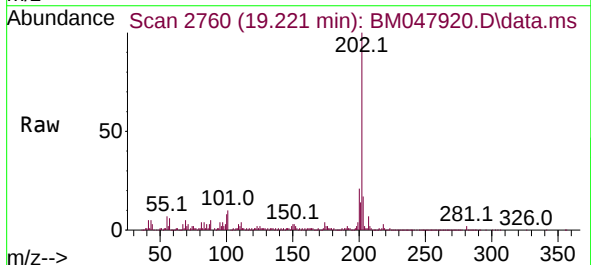
Tgt Ion:178 Resp: 200277
Ion Ratio Lower Upper
178 100
179 15.6 12.0 18.0
176 19.2 15.4 23.0

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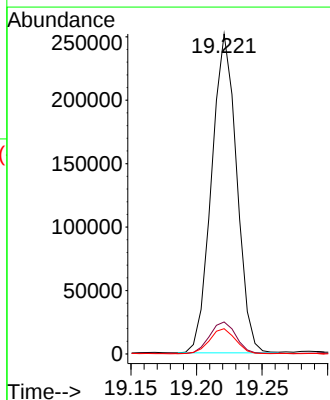
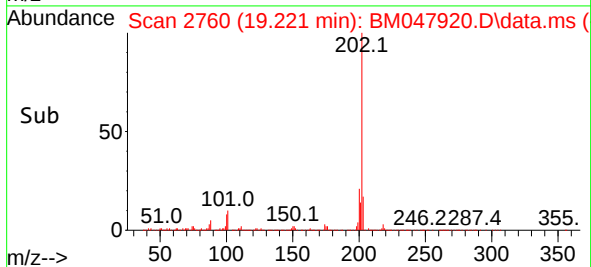
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

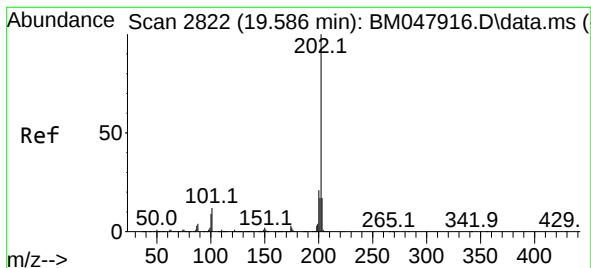


#80
Fluoranthene
Concen: 5.022 ng/ul
RT: 19.221 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BM047920.D
Acq: 08 Oct 2024 19:44



Tgt Ion:202 Resp: 334786
Ion Ratio Lower Upper
202 100
101 10.0 9.0 13.4
100 7.9 6.8 10.2





#82

Pyrene

Concen: 4.531 ng/u1

RT: 19.586 min Scan# 2822

Delta R.T. 0.000 min

Lab File: BM047920.D

Acq: 08 Oct 2024 19:44

Instrument :

BNA_M

ClientSampleId :

A4EL2

Tgt Ion:202 Resp: 33616

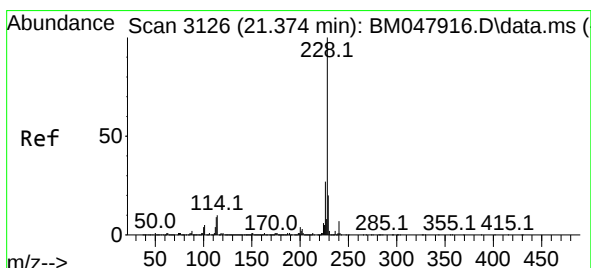
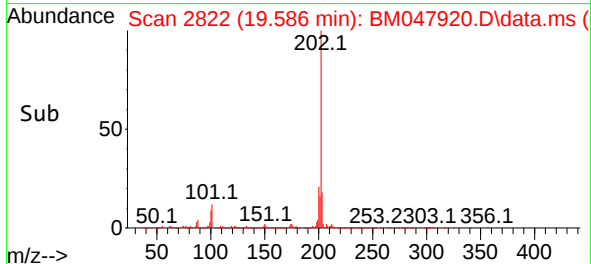
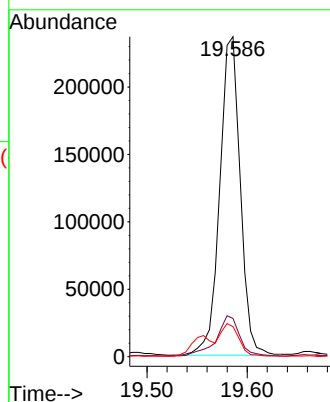
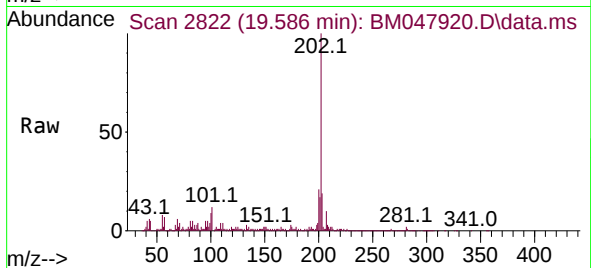
Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.9	16.3
100	9.4	9.4	14.2

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#85

Benzo(a)anthracene

Concen: 2.388 ng/u1

RT: 21.374 min Scan# 3126

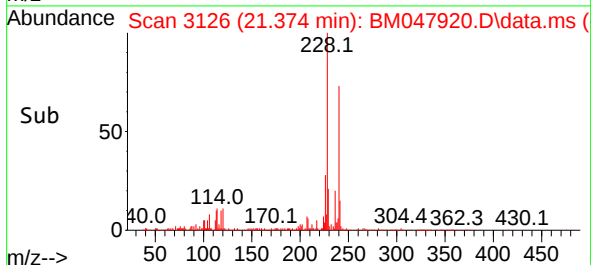
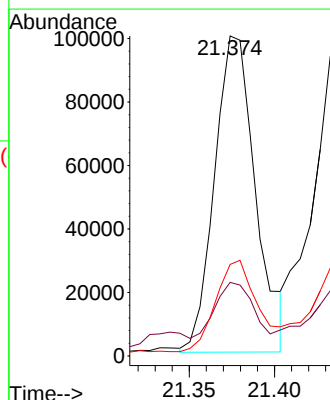
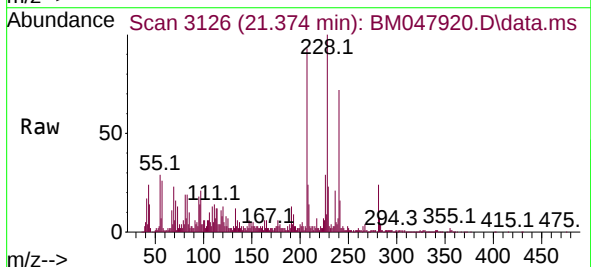
Delta R.T. -0.006 min

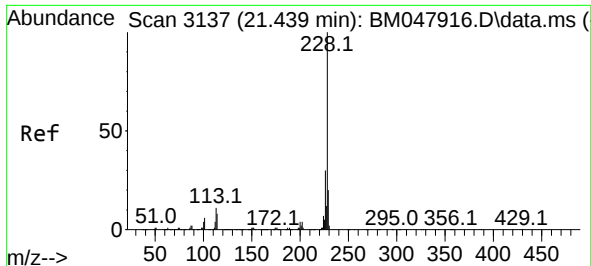
Lab File: BM047920.D

Acq: 08 Oct 2024 19:44

Tgt Ion:228 Resp: 166775

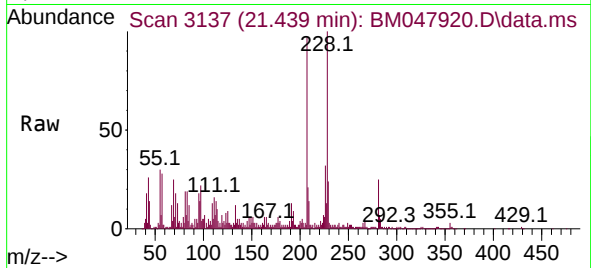
Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.6	23.4
226	28.6	21.9	32.9





#87
Chrysene
Concen: 2.488 ng/ul
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM047920.D
Acq: 08 Oct 2024 19:44

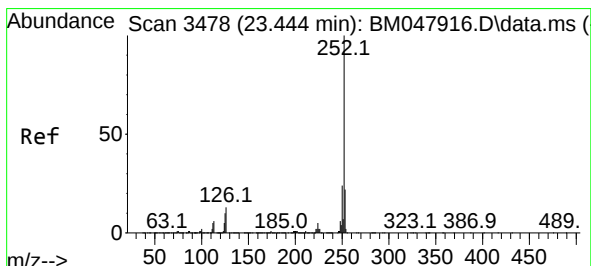
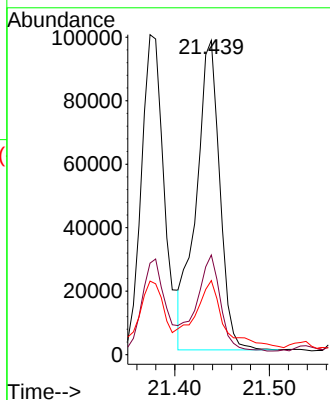
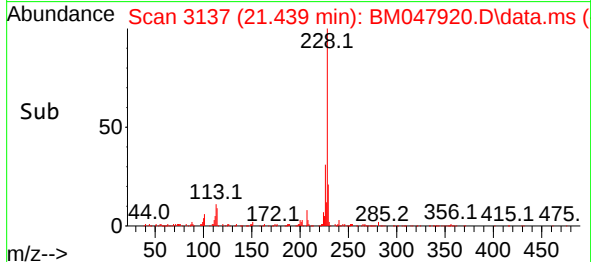
Instrument :
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ClientSampleId :
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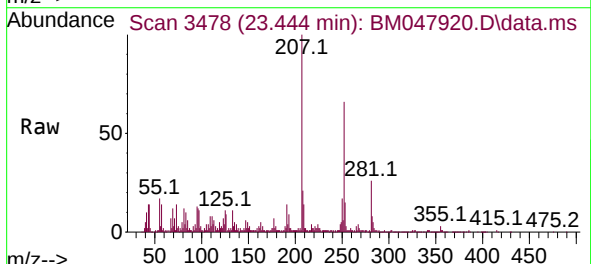
Tgt Ion:228 Resp: 169358
Ion Ratio Lower Upper
228 100
226 31.7 23.6 35.4
229 23.6 15.3 22.9

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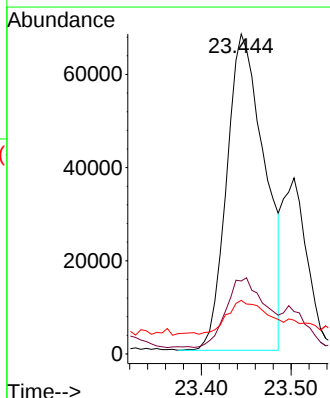
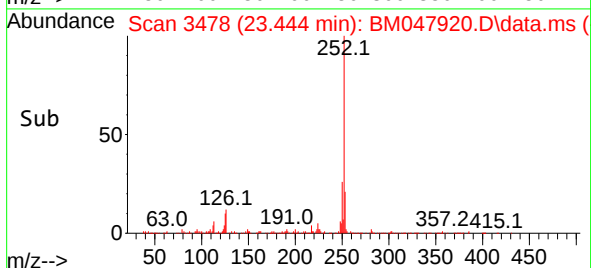
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

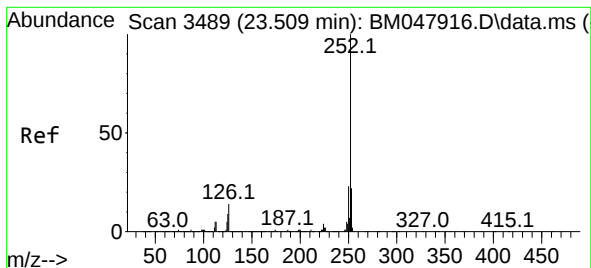


#90
Benzo(b)fluoranthene
Concen: 2.834 ng/ul
RT: 23.444 min Scan# 3478
Delta R.T. -0.006 min
Lab File: BM047920.D
Acq: 08 Oct 2024 19:44



Tgt Ion:252 Resp: 199302
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 16.7 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 1.008 ng/ul m

RT: 23.503 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM047920.D

Acq: 08 Oct 2024 19:44

Instrument :

BNA_M

ClientSampleId :

A4EL2

Tgt Ion:252 Resp: 72489

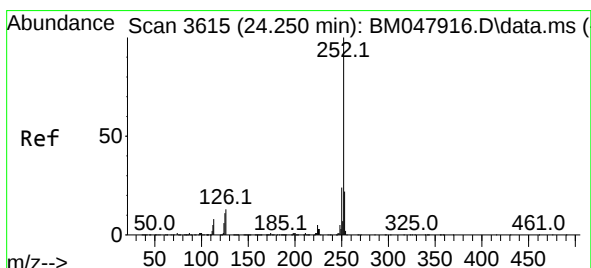
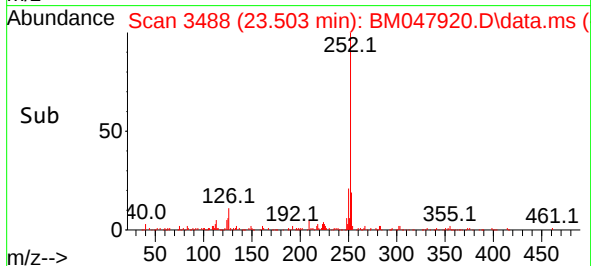
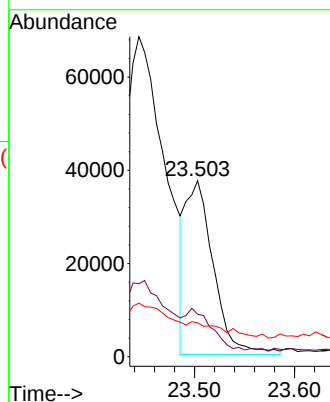
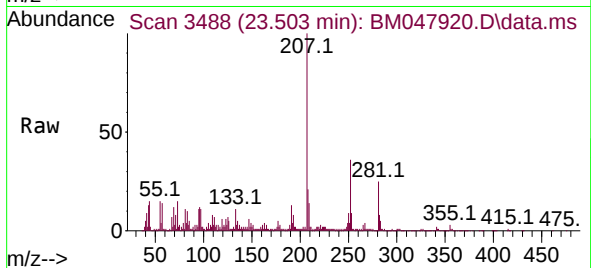
Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.5	26.3
125	19.2	8.9	13.3

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.237 ng/ul

RT: 24.250 min Scan# 3615

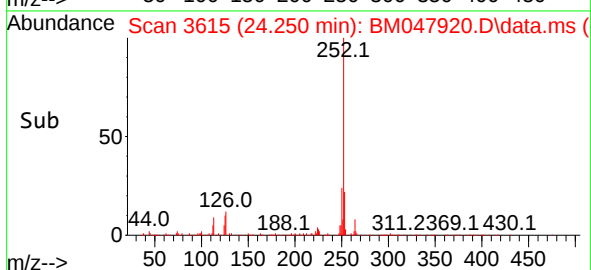
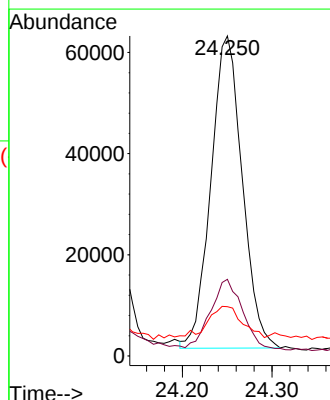
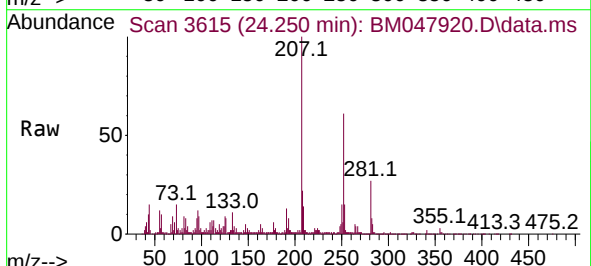
Delta R.T. -0.006 min

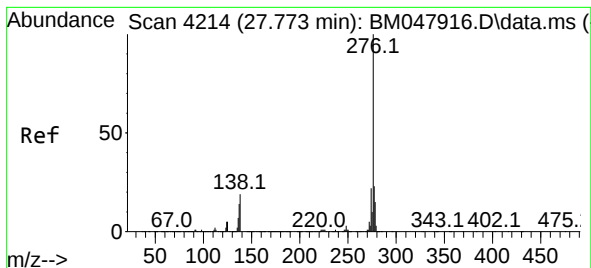
Lab File: BM047920.D

Acq: 08 Oct 2024 19:44

Tgt Ion:252 Resp: 149433

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	15.4	10.1	15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.134 ng/ul m

RT: 27.756 min Scan# 41

Delta R.T. -0.023 min

Lab File: BM047920.D

Acq: 08 Oct 2024 19:44

Instrument :

BNA_M

ClientSampleId :

A4EL2

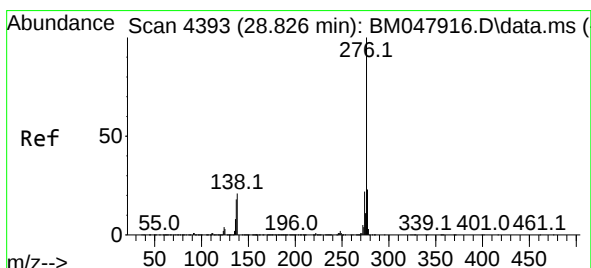
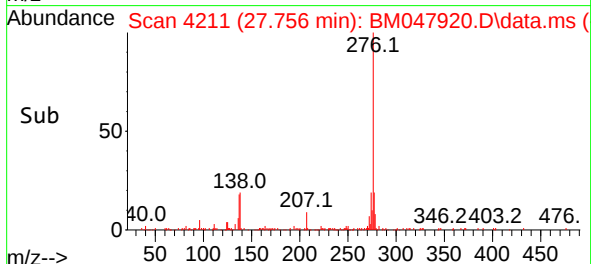
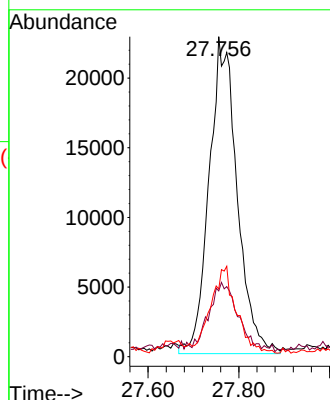
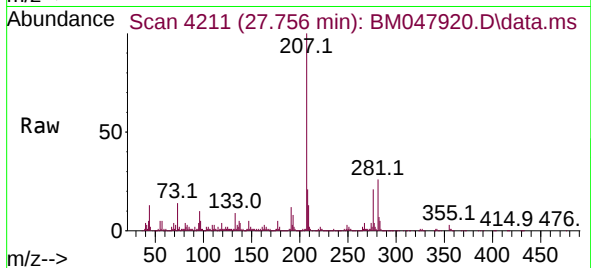
Tgt Ion:	276	Resp:	9707
Ion Ratio	Lower	Upper	
276	100		
138	20.5	16.9	25.3
277	21.2	18.9	28.3

Manual Integrations

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Supervised By :mohammad ahmed 10/11/2024



#96

Benzo(g,h,i)perylene

Concen: 1.393 ng/ul

RT: 28.815 min Scan# 4391

Delta R.T. -0.018 min

Lab File: BM047920.D

Acq: 08 Oct 2024 19:44

Tgt Ion:	276	Resp:	93392
Ion Ratio	Lower	Upper	
276	100		
138	22.0	18.7	28.1
277	25.7	18.3	27.5

