

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047907.D
 Acq On : 08 Oct 2024 06:55
 Operator : RC/JU
 Sample : P4131-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EX3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 08 07:30:49 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	337814	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	1365429	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.427	164	842044	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1689359	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	1567975	20.000	ng/u1	0.00
88) Perylene-d12	24.391	264	1759776	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	13578	1.299	ng/uL	0.00
4) Pyridine-d5	3.681	84	17170	0.561	ng/u1	0.02
7) Phenol-d5	6.963	99	223576	6.999	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	153914	6.790	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	204344	8.792	ng/u1	0.00
15) 4-Methylphenol-d8	8.498	113	116532	4.907	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	93447	8.596	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	99781	9.578	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	187607	9.014	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	117311	3.646	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	559827	9.170	ng/u1	0.00
49) Acenaphthylene-d8	14.122	160	652190	9.010	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	57667	4.744	ng/u1	0.00
60) Fluorene-d10	15.421	176	512731	9.696	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	42220	4.271	ng/u1	0.00
73) Anthracene-d10	17.268	188	756047	9.102	ng/u1	0.00
81) Pyrene-d10	19.551	212	703203	7.902	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.180	264	471802	5.167	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.210	178	234399	2.366	ng/u1	100
80) Fluoranthene	19.221	202	585404	5.585	ng/u1	98
82) Pyrene	19.580	202	351753	3.015	ng/u1	96
85) Benzo(a)anthracene	21.374	228	260628	2.374	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.298	149	76873	1.242	ng/u1#	99
87) Chrysene	21.439	228	293382	2.741	ng/u1	98
90) Benzo(b)fluoranthene	23.444	252	391385	3.566	ng/u1	98
91) Benzo(k)fluoranthene	23.497	252	150839m	1.344	ng/u1	
93) Benzo(a)pyrene	24.244	252	108468	1.041	ng/u1	95

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

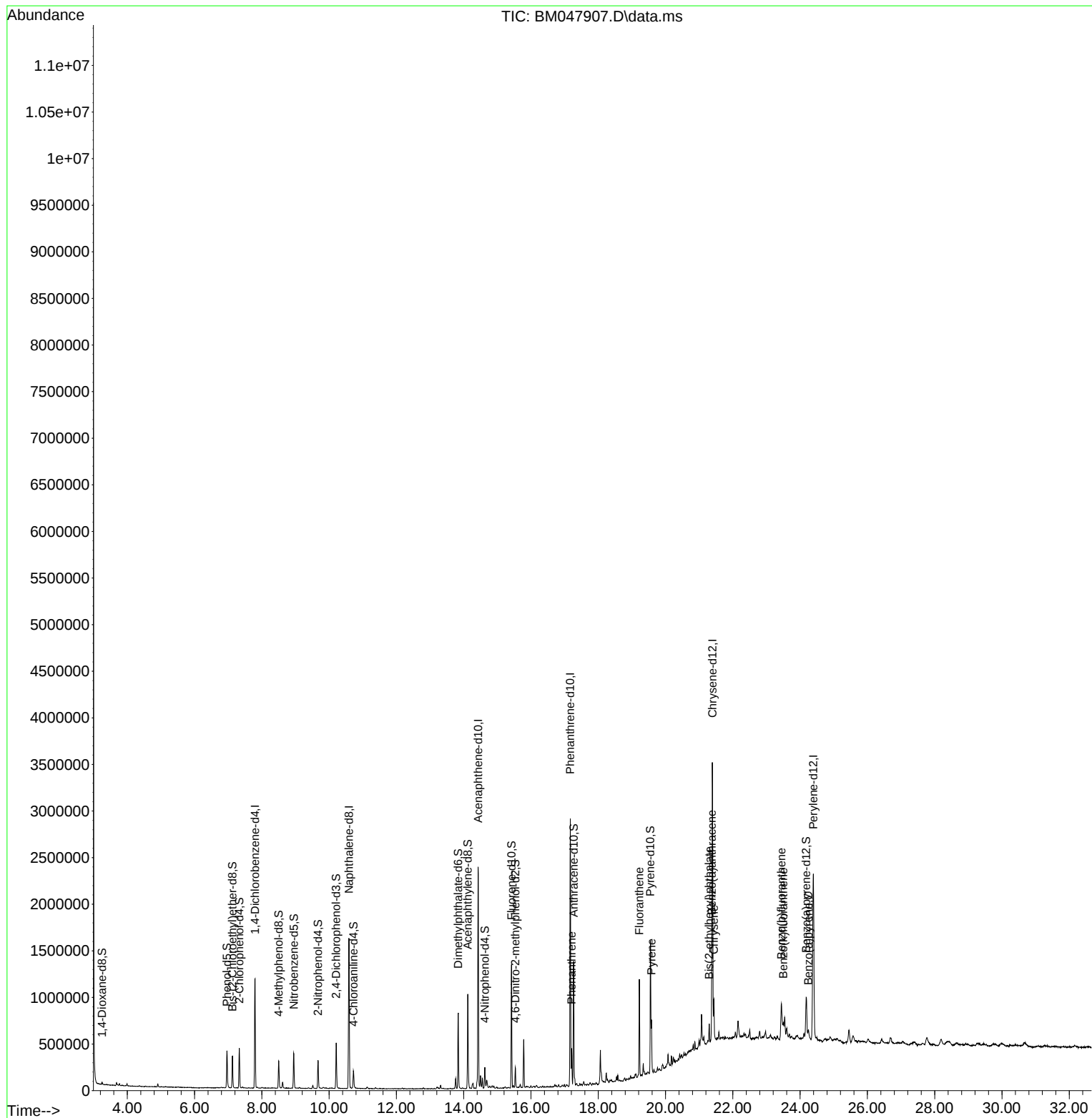
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047907.D
Acq On : 08 Oct 2024 06:55
Operator : RC/JU
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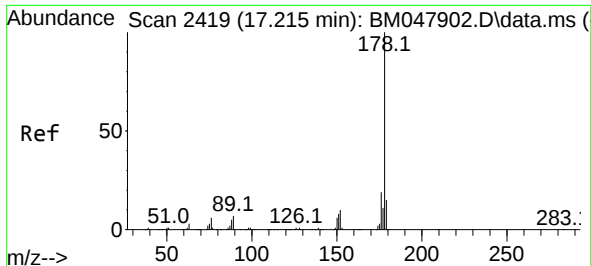
Instrument :
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Quant Time: Oct 08 07:30:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
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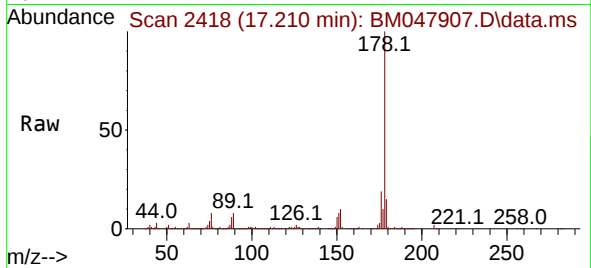
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/11/2024





#72
Phenanthrene
Concen: 2.366 ng/u1
RT: 17.210 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM047907.D
Acq: 08 Oct 2024 06:55

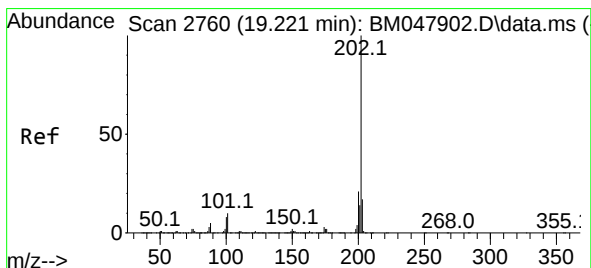
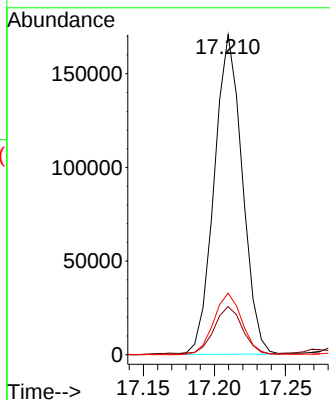
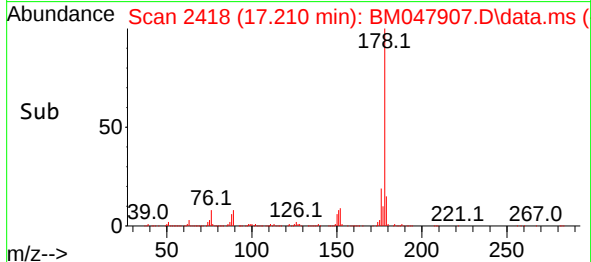
Instrument :
BNA_M
ClientSampleId :
A4EX3



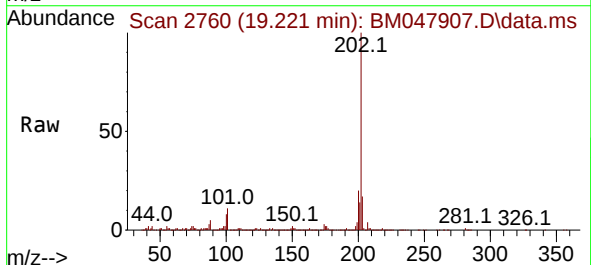
Tgt Ion:178 Resp: 234395
Ion Ratio Lower Upper
178 100
179 15.0 12.0 18.0
176 19.2 15.4 23.0

Manual Integrations
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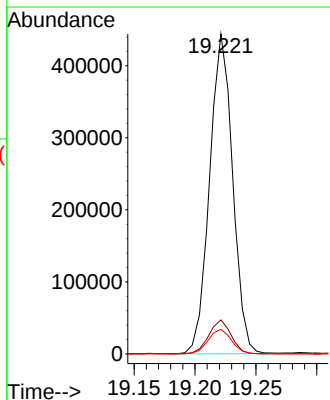
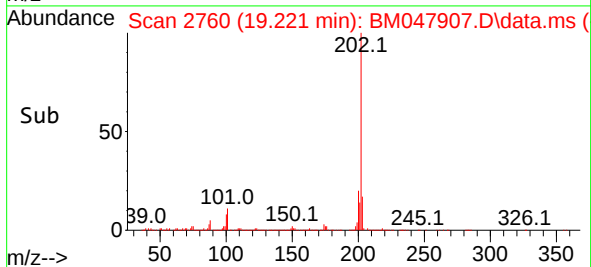
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/11/2024

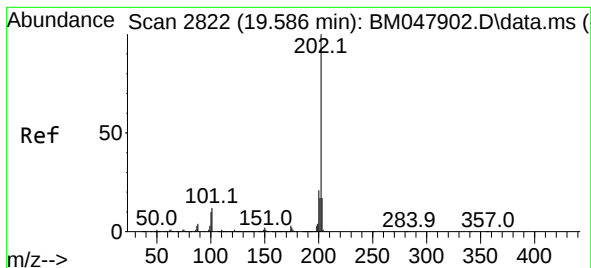


#80
Fluoranthene
Concen: 5.585 ng/u1
RT: 19.221 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BM047907.D
Acq: 08 Oct 2024 06:55



Tgt Ion:202 Resp: 585404
Ion Ratio Lower Upper
202 100
101 10.7 9.0 13.4
100 7.7 6.8 10.2





#82

Pyrene

Concen: 3.015 ng/ul

RT: 19.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047907.D

Acq: 08 Oct 2024 06:55

Instrument :

BNA_M

ClientSampleId :

A4EX3

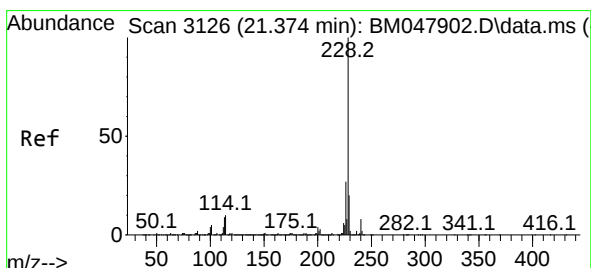
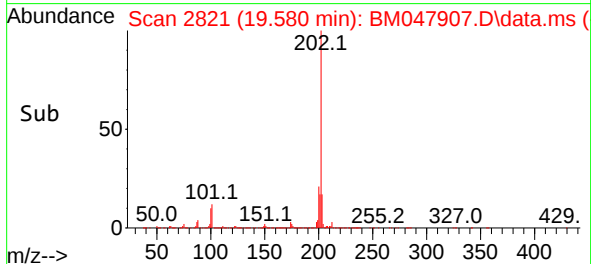
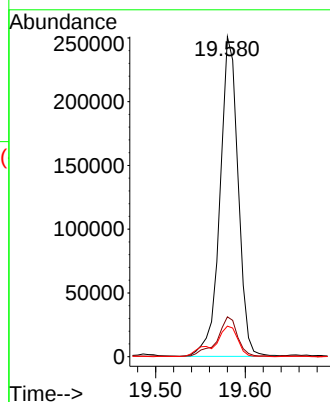
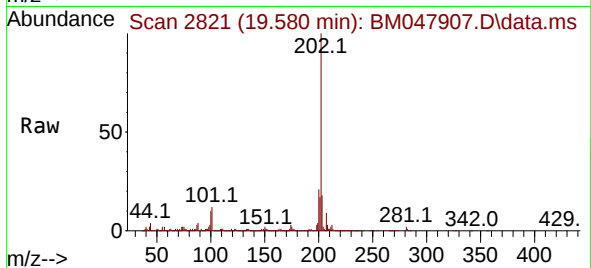
Tgt Ion:	202	Resp:	35175
Ion Ratio	Lower	Upper	
202	100		
101	12.4	10.9	16.3
100	9.5	9.4	14.2

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#85

Benzo(a)anthracene

Concen: 2.374 ng/ul

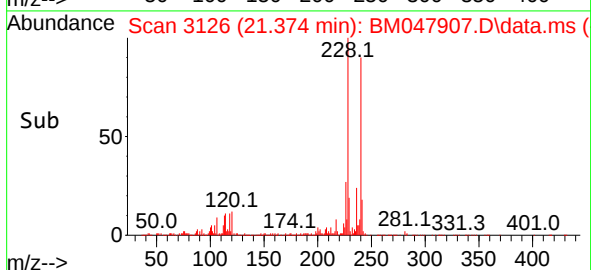
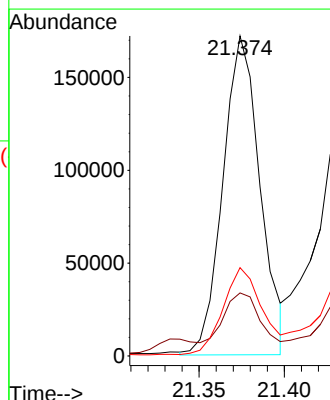
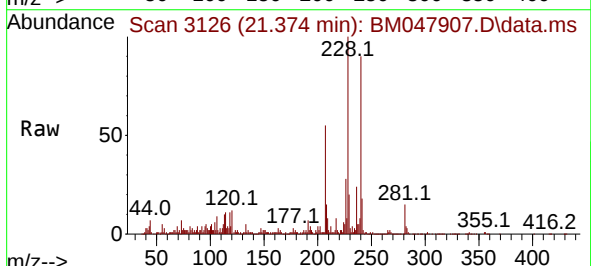
RT: 21.374 min Scan# 3126

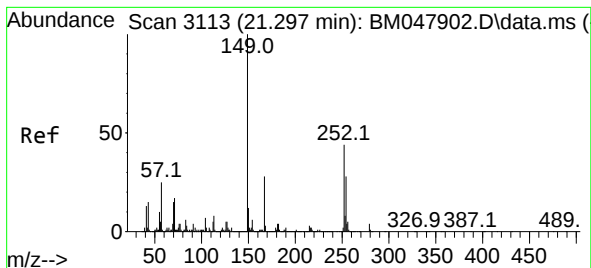
Delta R.T. -0.006 min

Lab File: BM047907.D

Acq: 08 Oct 2024 06:55

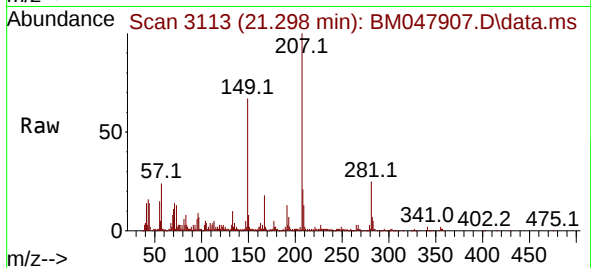
Tgt Ion:	228	Resp:	260628
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.6	23.4
226	27.6	21.9	32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.242 ng/ul
RT: 21.298 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM047907.D
Acq: 08 Oct 2024 06:55

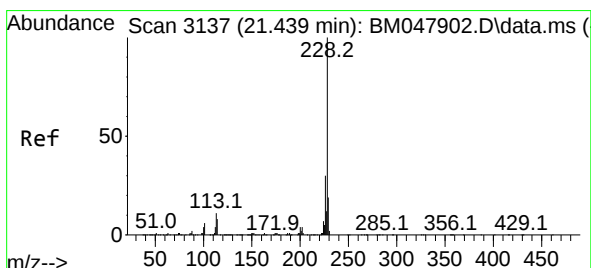
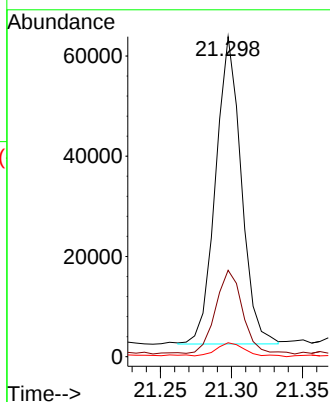
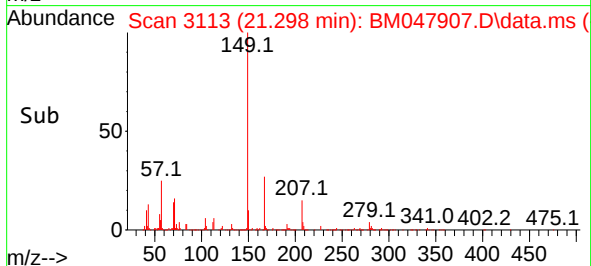
Instrument :
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Tgt Ion:149 Resp: 7687
Ion Ratio Lower Upper
149 100
167 27.0 21.3 31.9
279 4.3 2.7 4.1

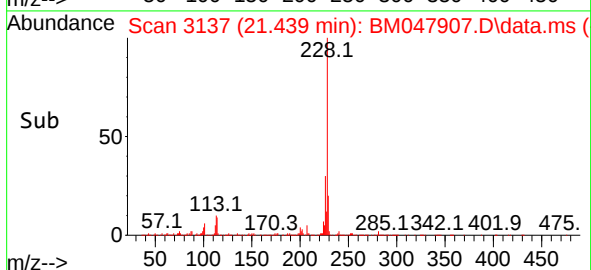
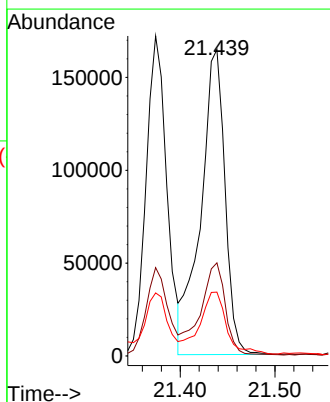
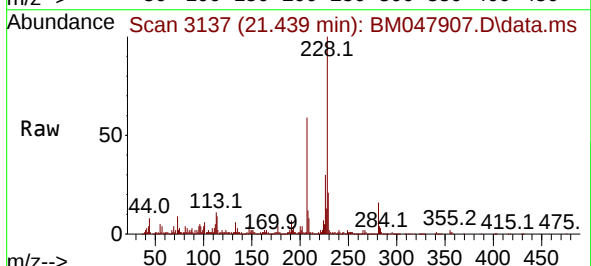
Manual Integrations
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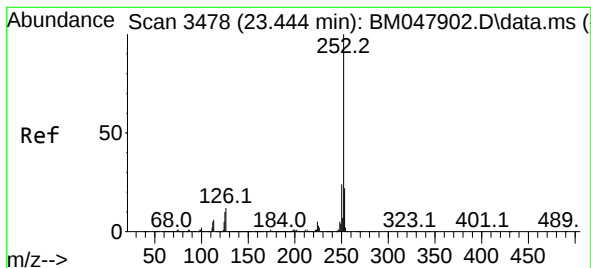
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/11/2024



#87
Chrysene
Concen: 2.741 ng/ul
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM047907.D
Acq: 08 Oct 2024 06:55

Tgt Ion:228 Resp: 293382
Ion Ratio Lower Upper
228 100
226 30.4 23.6 35.4
229 20.8 15.3 22.9





#90

Benzo(b)fluoranthene

Concen: 3.566 ng/ul

RT: 23.444 min Scan# 3478

Delta R.T. -0.006 min

Lab File: BM047907.D

Acq: 08 Oct 2024 06:55

Instrument :

BNA_M

ClientSampleId :

A4EX3

Tgt Ion:252 Resp: 39138

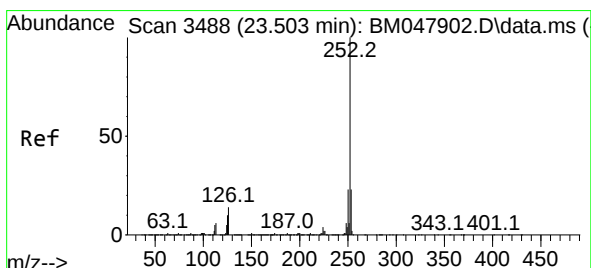
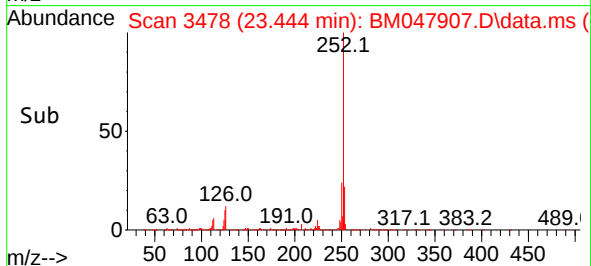
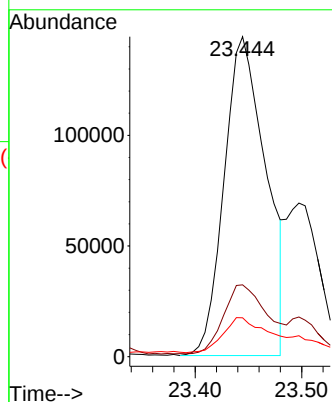
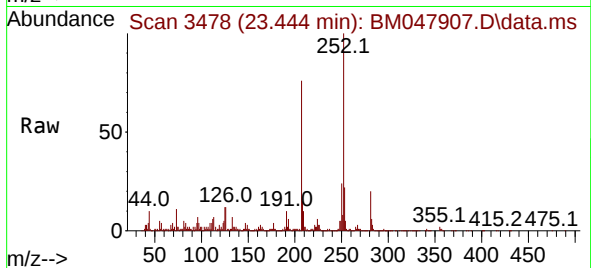
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	12.2	9.0	13.4

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 1.344 ng/ul m

RT: 23.497 min Scan# 3487

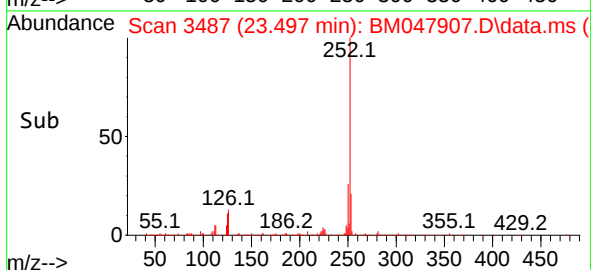
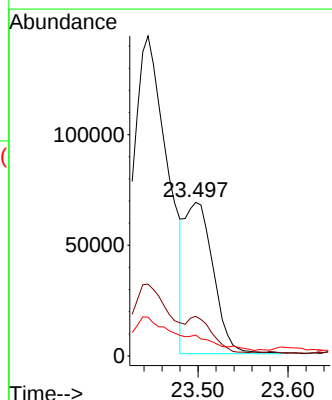
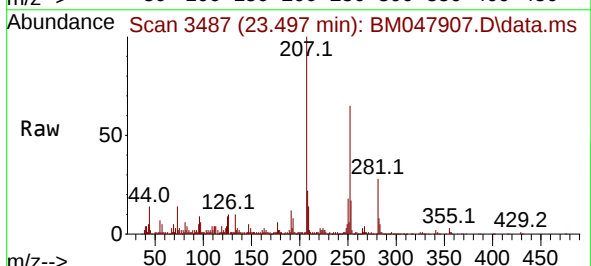
Delta R.T. -0.012 min

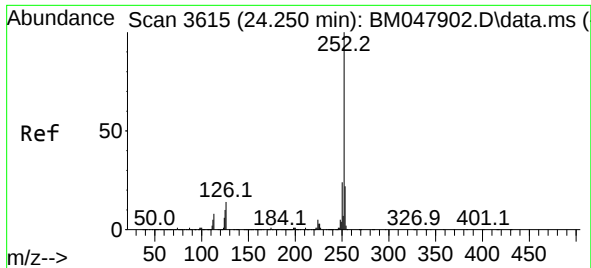
Lab File: BM047907.D

Acq: 08 Oct 2024 06:55

Tgt Ion:252 Resp: 150839

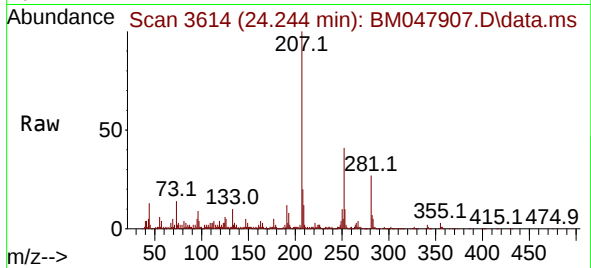
Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.5	26.3
125	13.6	8.9	13.3





#93
Benzo(a)pyrene
Concen: 1.041 ng/ul
RT: 24.244 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM047907.D
Acq: 08 Oct 2024 06:55

Instrument :
BNA_M
ClientSampleId :
A4EX3



Tgt Ion:252 Resp: 108468
Ion Ratio Lower Upper
252 100
253 24.8 17.2 25.8
125 13.5 10.1 15.1

Manual Integrations
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