

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
 Data File : BM047104.D
 Acq On : 09 Aug 2024 03:30
 Operator : RC/JU
 Sample : P3434-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0601

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 04:28:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 01:30:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	278021	20.000	ng/u1	0.00
20) Naphthalene-d8	10.140	136	1087889	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.039	164	703851	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.798	188	1485923	20.000	ng/u1	0.00
79) Chrysene-d12	21.033	240	1296704	20.000	ng/u1	0.00
88) Perylene-d12	23.733	264	1445586	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	22344	3.184	ng/uL	0.00
4) Pyridine-d5	3.405	84	326062	17.034	ng/u1	0.00
7) Phenol-d5	6.593	99	462743	21.910	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.746	67	279862	20.139	ng/u1	0.00
11) 2-Chlorophenol-d4	6.928	132	361276	20.194	ng/u1	0.00
15) 4-Methylphenol-d8	8.104	113	367155	21.945	ng/u1	0.00
21) Nitrobenzene-d5	8.528	128	177316	20.312	ng/u1	0.00
24) 2-Nitrophenol-d4	9.240	143	201248	21.110	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.781	165	386295	21.105	ng/u1	0.00
31) 4-Chloroaniline-d4	10.292	131	414069	17.213	ng/u1	0.00
46) Dimethylphthalate-d6	13.469	166	1096620	20.377	ng/u1	0.00
49) Acenaphthylene-d8	13.728	160	1323987	22.040	ng/u1	0.00
54) 4-Nitrophenol-d4	14.286	143	174117	16.733	ng/u1	0.00
60) Fluorene-d10	15.045	176	980847	21.306	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.186	200	132871	14.153	ng/u1	0.00
73) Anthracene-d10	16.898	188	1501602	21.317	ng/u1	0.00
81) Pyrene-d10	19.210	212	1691378	22.786	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.550	264	1698454	22.313	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	16.839	178	116047	1.393	ng/u1	98
80) Fluoranthene	18.874	202	237472	2.677	ng/u1	97
82) Pyrene	19.239	202	229166	2.424	ng/u1	96
85) Benzo(a)anthracene	21.015	228	122302m	1.291	ng/u1	
87) Chrysene	21.074	228	153411	1.698	ng/u1	97
90) Benzo(b)fluoranthene	22.892	252	222933	2.493	ng/u1#	94
93) Benzo(a)pyrene	23.603	252	143501	1.723	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	26.727	276	118778	1.113	ng/u1	98
96) Benzo(g,h,i)perylene	27.656	276	126075	1.495	ng/u1	97

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

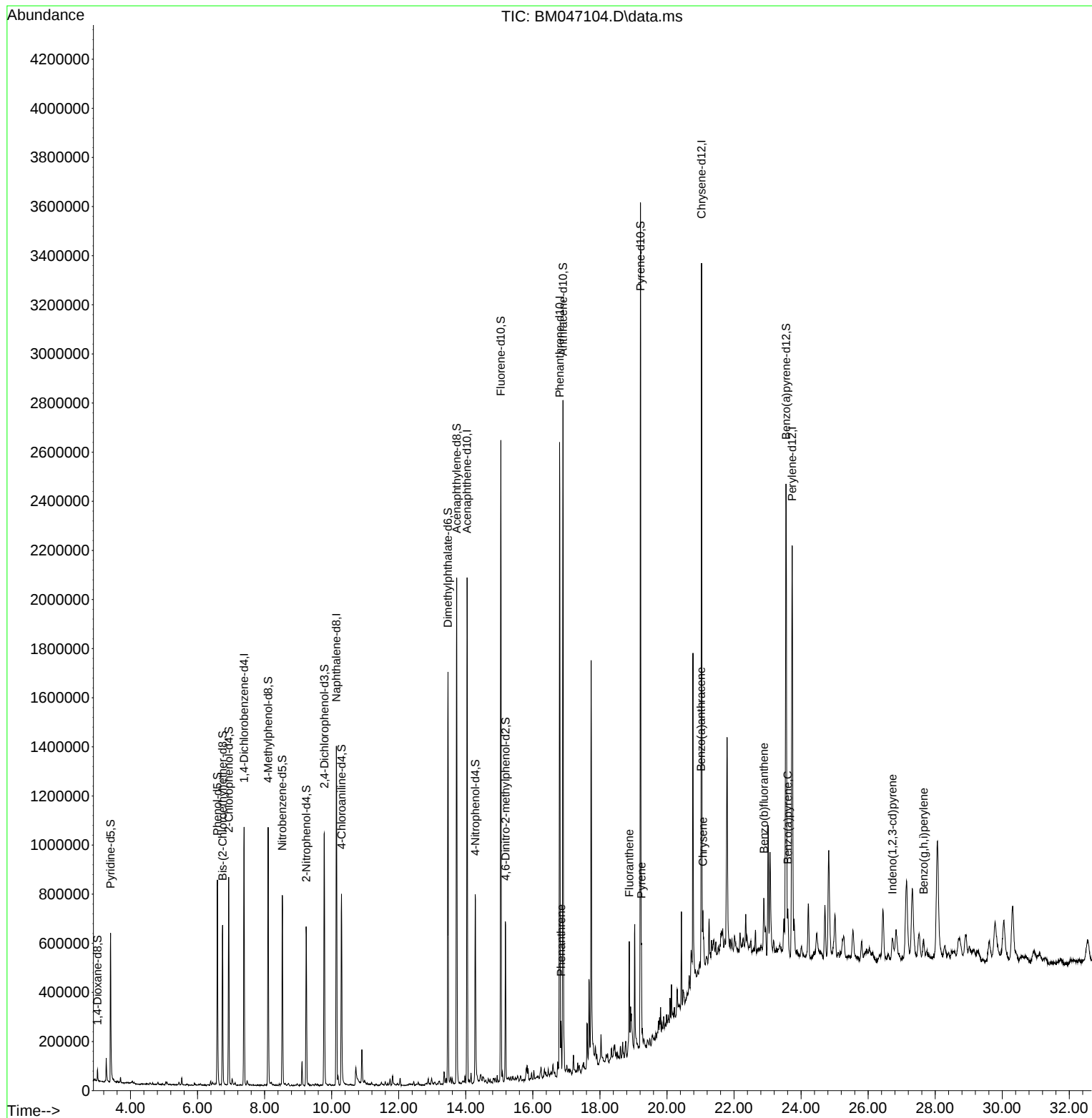
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047104.D
Acq On : 09 Aug 2024 03:30
Operator : RC/JU
Sample : P3434-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

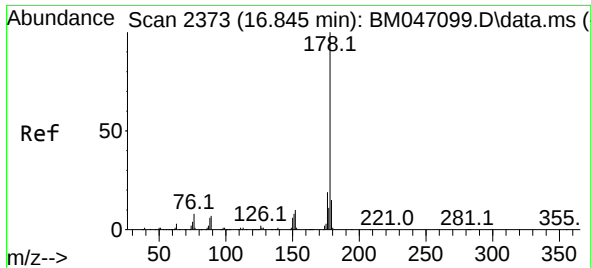
Instrument :
BNA_M
ClientSampleId :
E0601

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024

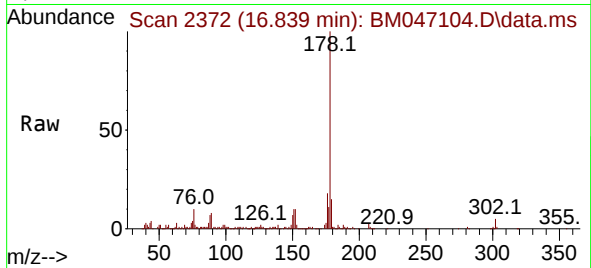
Quant Time: Aug 09 04:28:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:30:34 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.393 ng/ul
RT: 16.839 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047104.D
Acq: 09 Aug 2024 03:30

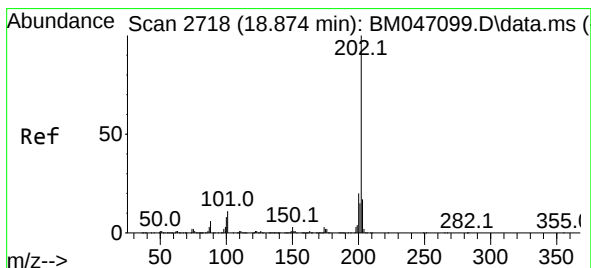
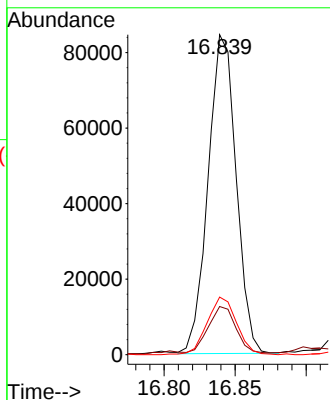
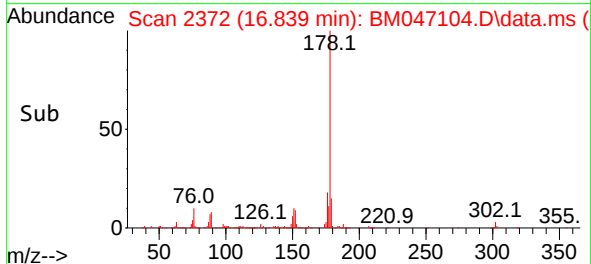
Instrument :
BNA_M
ClientSampleId :
E0601



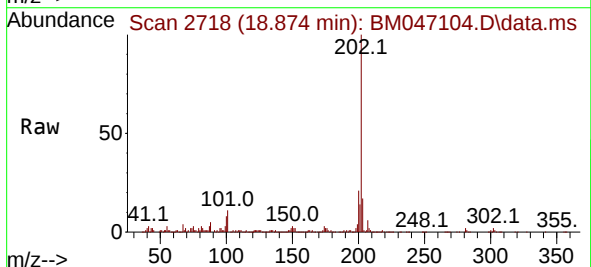
Tgt Ion:178 Resp: 11604
Ion Ratio Lower Upper
178 100
179 15.0 12.3 18.5
176 18.0 15.3 22.9

Manual Integrations
APPROVED

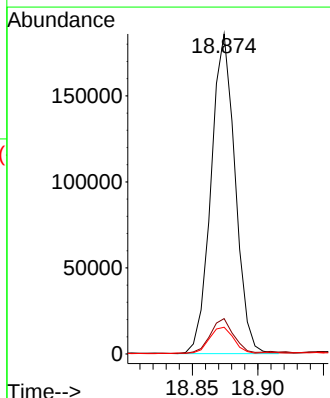
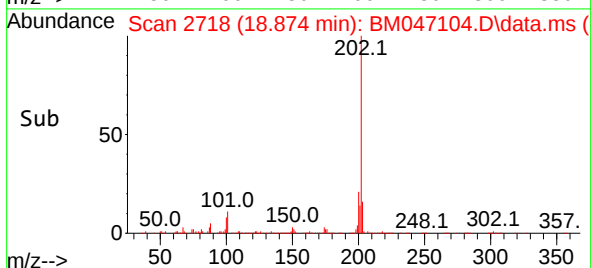
Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024

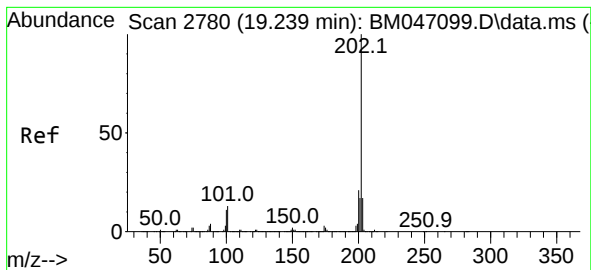


#80
Fluoranthene
Concen: 2.677 ng/ul
RT: 18.874 min Scan# 2718
Delta R.T. -0.000 min
Lab File: BM047104.D
Acq: 09 Aug 2024 03:30



Tgt Ion:202 Resp: 237472
Ion Ratio Lower Upper
202 100
101 11.1 7.8 11.6
100 8.4 5.9 8.9





#82

Pyrene

Concen: 2.424 ng/ul

RT: 19.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047104.D

Acq: 09 Aug 2024 03:30

Instrument :

BNA_M

ClientSampleId :

E0601

Tgt Ion:202 Resp: 22916

Ion Ratio Lower Upper

202 100

101 12.3 8.7 13.1

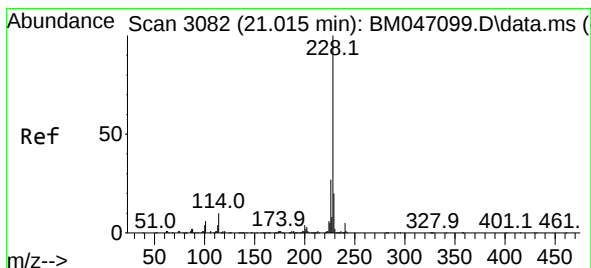
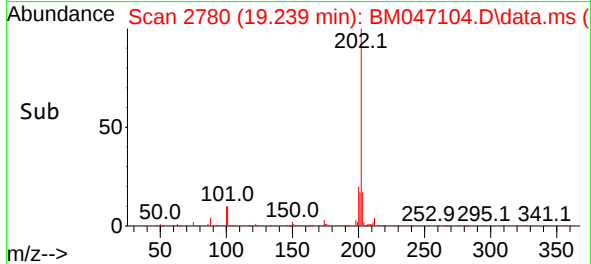
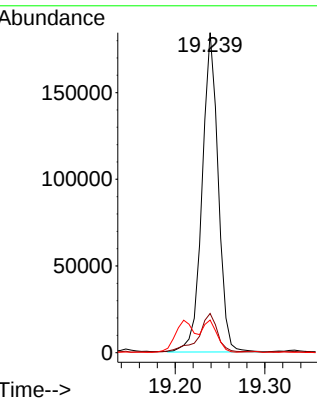
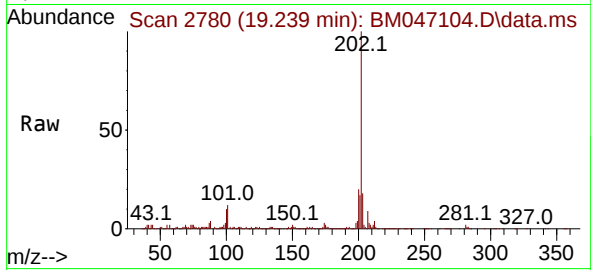
100 10.2 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2024

Supervised By :mohammad ahmed 08/12/2024



#85

Benzo(a)anthracene

Concen: 1.291 ng/ul m

RT: 21.015 min Scan# 3082

Delta R.T. -0.000 min

Lab File: BM047104.D

Acq: 09 Aug 2024 03:30

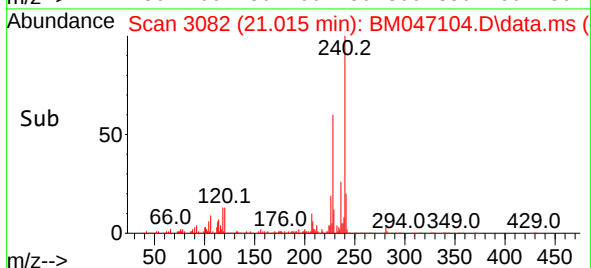
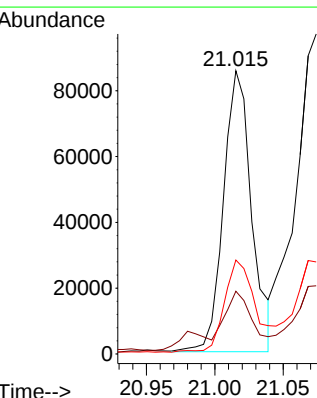
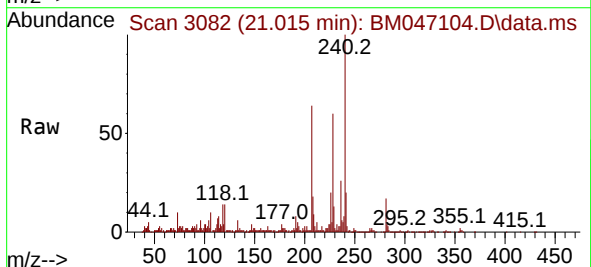
Tgt Ion:228 Resp: 122302

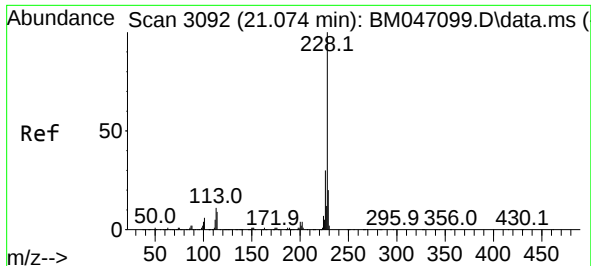
Ion Ratio Lower Upper

228 100

229 22.1 15.5 23.3

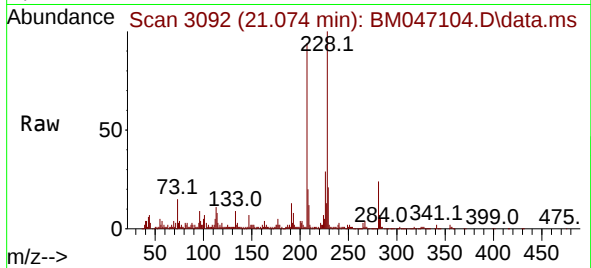
226 33.2 21.2 31.8#





#87
Chrysene
Concen: 1.698 ng/ul
RT: 21.074 min Scan# 3092
Delta R.T. -0.000 min
Lab File: BM047104.D
Acq: 09 Aug 2024 03:30

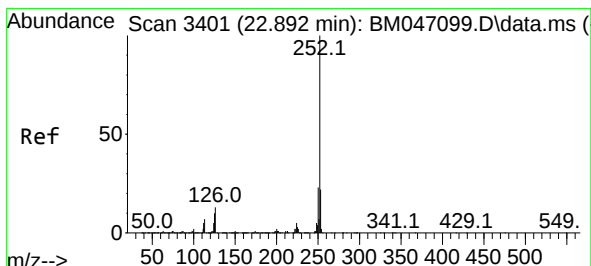
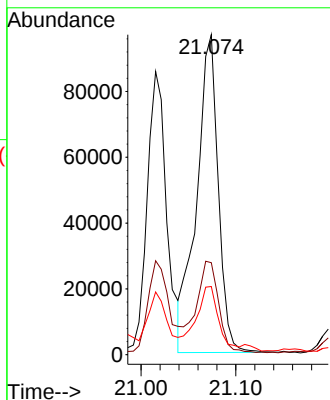
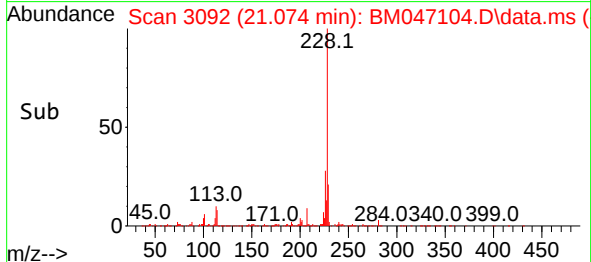
Instrument :
BNA_M
ClientSampleId :
E0601



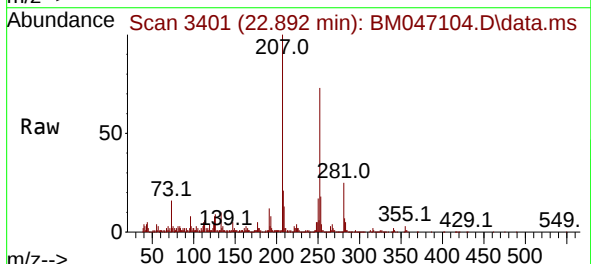
Tgt Ion:228 Resp: 15341
Ion Ratio Lower Upper
228 100
226 28.8 24.0 36.0
229 21.3 15.5 23.3

Manual Integrations
APPROVED

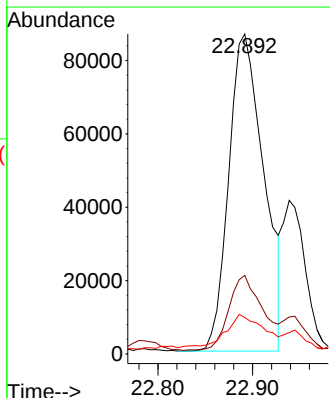
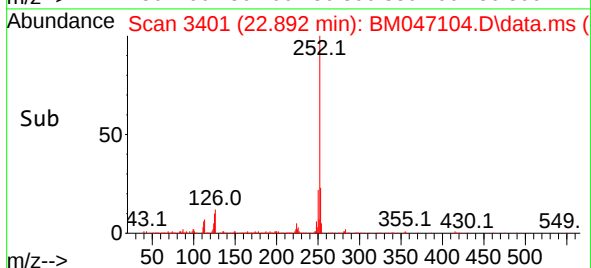
Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024

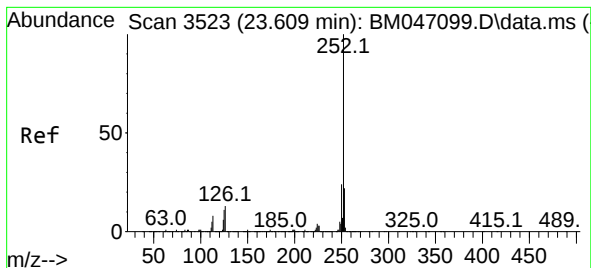


#90
Benzo(b)fluoranthene
Concen: 2.493 ng/ul
RT: 22.892 min Scan# 3401
Delta R.T. -0.000 min
Lab File: BM047104.D
Acq: 09 Aug 2024 03:30



Tgt Ion:252 Resp: 222933
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.2
125 11.4 7.0 10.6#





#93

Benzo(a)pyrene

Concen: 1.723 ng/ul

RT: 23.603 min Scan# 3522

Delta R.T. -0.006 min

Lab File: BM047104.D

Acq: 09 Aug 2024 03:30

Instrument :

BNA_M

ClientSampleId :

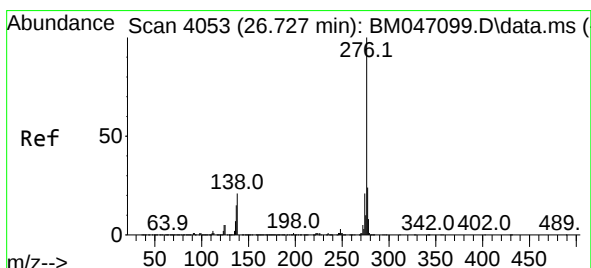
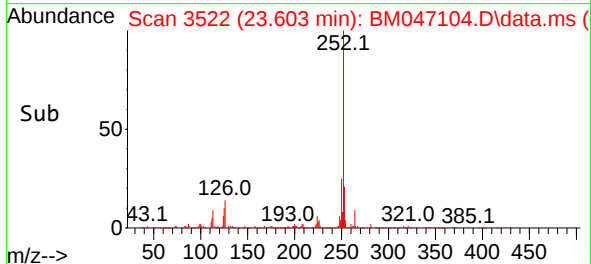
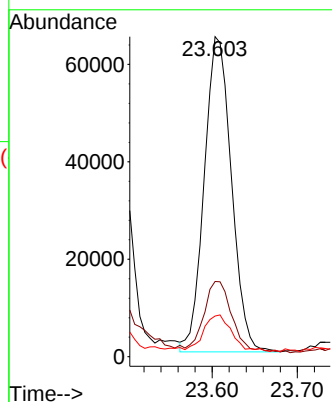
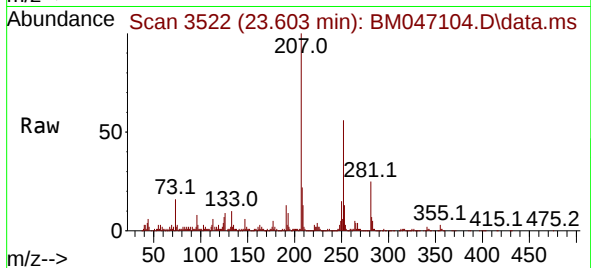
E0601

Tgt Ion:	252	Resp:	14350
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.2	27.2
125	12.7	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.113 ng/ul

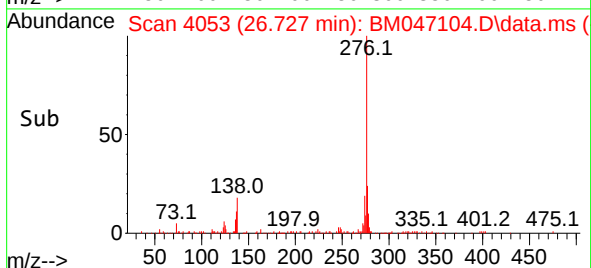
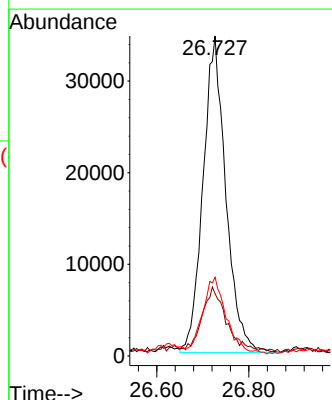
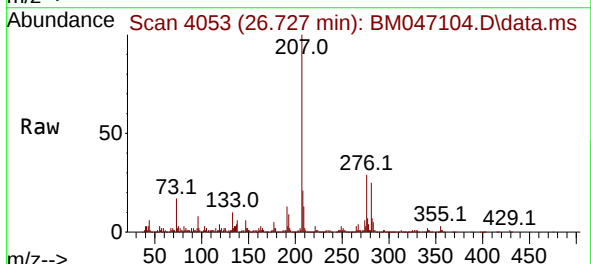
RT: 26.727 min Scan# 4053

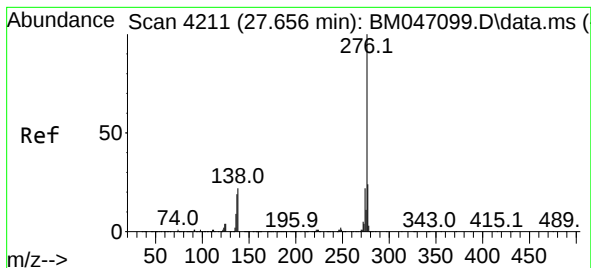
Delta R.T. -0.000 min

Lab File: BM047104.D

Acq: 09 Aug 2024 03:30

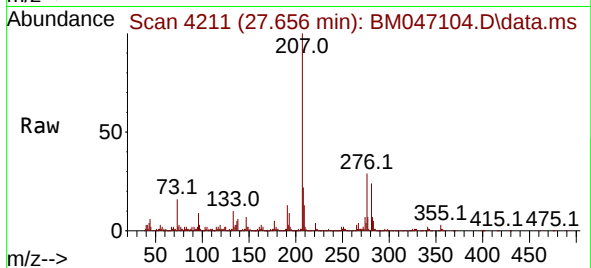
Tgt Ion:	276	Resp:	118778
Ion Ratio	Lower	Upper	
276	100		
138	19.5	14.7	22.1
277	24.6	19.3	28.9





#96
 Benzo(g,h,i)perylene
 Concen: 1.495 ng/ul
 RT: 27.656 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BM047104.D
 Acq: 09 Aug 2024 03:30

Instrument :
 BNA_M
 ClientSampleId :
 E0601



Tgt Ion:276 Resp: 126079
 Ion Ratio Lower Upper
 276 100
 138 21.3 14.7 22.1
 277 23.5 18.6 27.8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2024
 Supervised By :mohammad ahmed 08/12/2024

