

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061424\
 Data File : BM046035.D
 Acq On : 14 Jun 2024 12:23
 Operator : MA/JU
 Sample : P2695-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024

Quant Time: Jun 14 23:44:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	111269	20.000	ng/u1	0.00
20) Naphthalene-d8	10.198	136	452036	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.080	164	271370	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	546032	20.000	ng/u1	0.00
79) Chrysene-d12	21.039	240	520776	20.000	ng/u1	0.00
88) Perylene-d12	23.744	264	643818	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	10108	3.522	ng/uL	0.00
4) Pyridine-d5	3.493	84	19041m	2.577	ng/u1	0.04
7) Phenol-d5	6.693	99	216289	22.881	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67	156761	23.095	ng/u1	0.00
11) 2-Chlorophenol-d4	6.998	132	174046	24.650	ng/u1	0.00
15) 4-Methylphenol-d8	8.210	113	153606	21.509	ng/u1	0.00
21) Nitrobenzene-d5	8.604	128	85329	24.143	ng/u1	0.00
24) 2-Nitrophenol-d4	9.310	143	87396	24.433	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.869	165	158315	23.602	ng/u1	0.00
31) 4-Chloroaniline-d4	10.392	131	166511	17.936	ng/u1	0.00
46) Dimethylphthalate-d6	13.533	166	482336	25.674	ng/u1	0.00
49) Acenaphthylene-d8	13.769	160	542471	24.866	ng/u1	0.00
54) 4-Nitrophenol-d4	14.392	143	69622	17.172	ng/u1	0.01
60) Fluorene-d10	15.080	176	402755	25.130	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.227	200	47815	17.148	ng/u1	0.00
73) Anthracene-d10	16.927	188	604534	25.468	ng/u1	0.00
81) Pyrene-d10	19.227	212	650434	20.084	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.556	264	545390	18.125	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	16.868	178	93149	3.238	ng/u1	98
80) Fluoranthene	18.892	202	252129	6.422	ng/u1	99
82) Pyrene	19.256	202	180024	4.463	ng/u1	98
85) Benzo(a)anthracene	21.021	228	111161	3.091	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	20.974	149	52471	2.148	ng/u1	98
87) Chrysene	21.080	228	129013	3.878	ng/u1	97
90) Benzo(b)fluoranthene	22.897	252	180572	4.564	ng/u1	98
91) Benzo(k)fluoranthene	22.950	252	73316m	1.897	ng/u1	
93) Benzo(a)pyrene	23.615	252	67115	1.930	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.727	276	67494	1.778	ng/u1	96

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

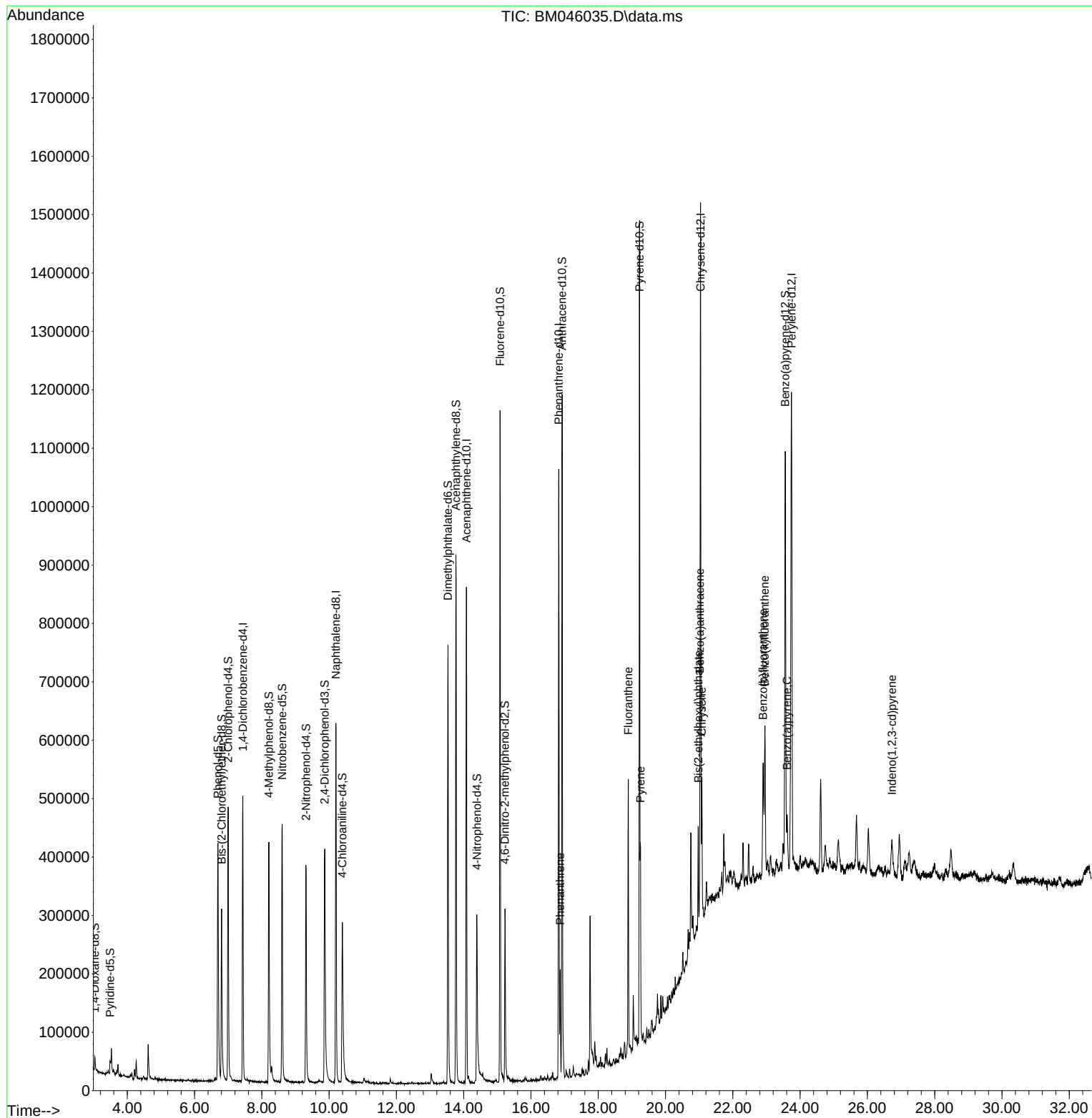
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061424\
Data File : BM046035.D
Acq On : 14 Jun 2024 12:23
Operator : MA/JU
Sample : P2695-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

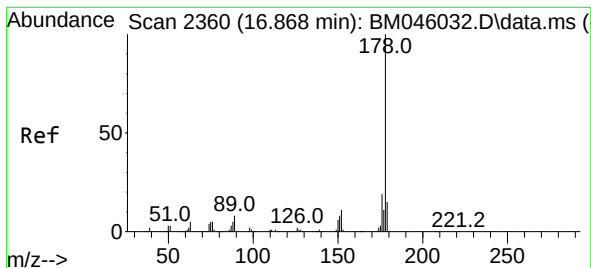
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Jun 14 23:44:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 3.238 ng/ul

RT: 16.868 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM046035.D

Acq: 14 Jun 2024 12:23

Instrument :

BNA_M

ClientSampleId :

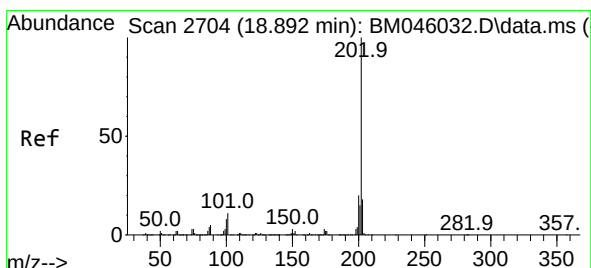
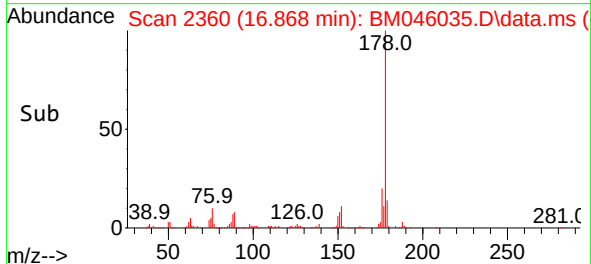
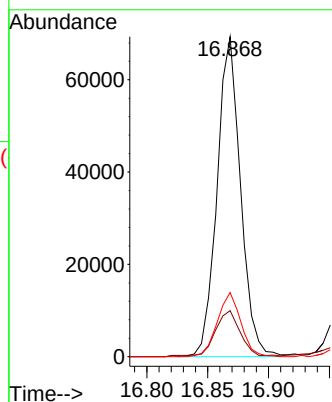
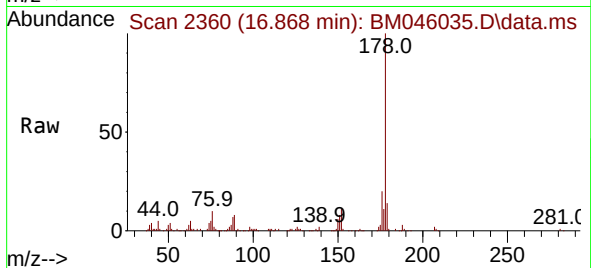
A4BJ7

Tgt Ion:	178	Resp:	93149
Ion Ratio	Lower	Upper	
178	100		
179	14.4	12.4	18.6
176	20.1	15.3	22.9

Manual Integrations

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#80

Fluoranthene

Concen: 6.422 ng/ul

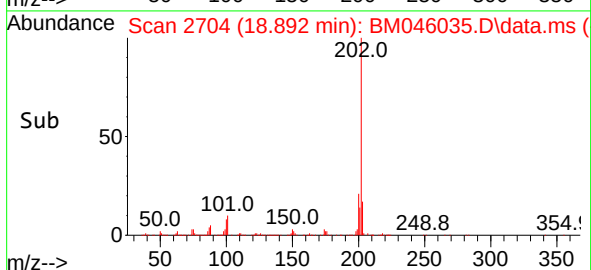
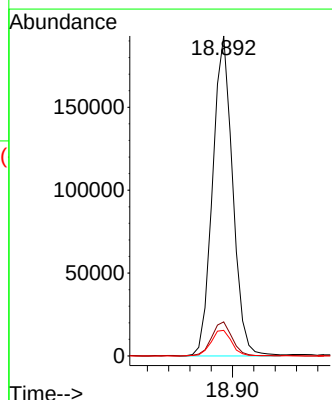
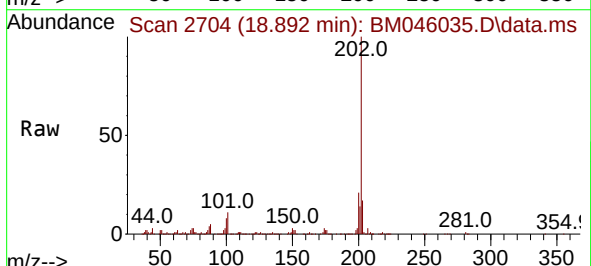
RT: 18.892 min Scan# 2704

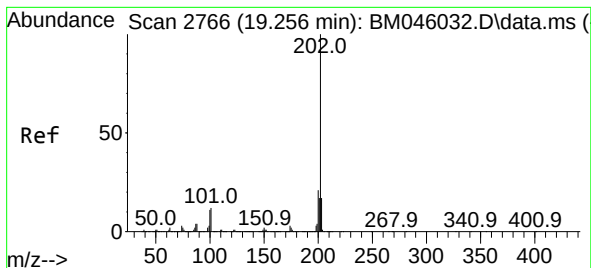
Delta R.T. -0.000 min

Lab File: BM046035.D

Acq: 14 Jun 2024 12:23

Tgt Ion:	202	Resp:	252129
Ion Ratio	Lower	Upper	
202	100		
101	10.7	8.9	13.3
100	8.0	6.6	10.0





#82

Pyrene

Concen: 4.463 ng/ul

RT: 19.256 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM046035.D

Acq: 14 Jun 2024 12:23

Instrument :

BNA_M

ClientSampleId :

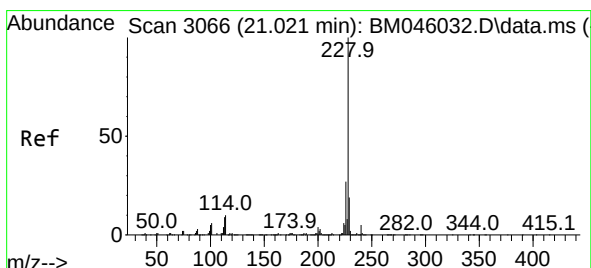
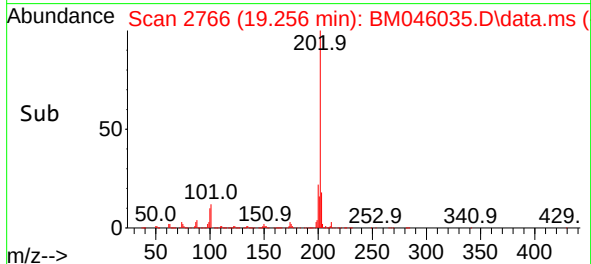
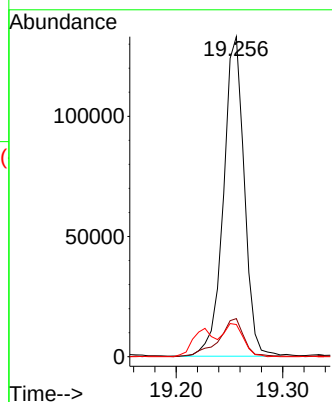
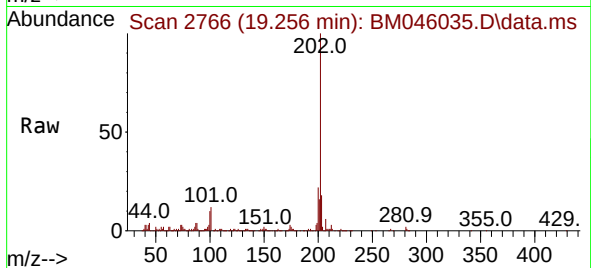
A4BJ7

Tgt Ion:	202	Resp:	180024
Ion Ratio	Lower	Upper	
202	100		
101	11.9	10.5	15.7
100	10.1	8.6	12.8

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 3.091 ng/ul

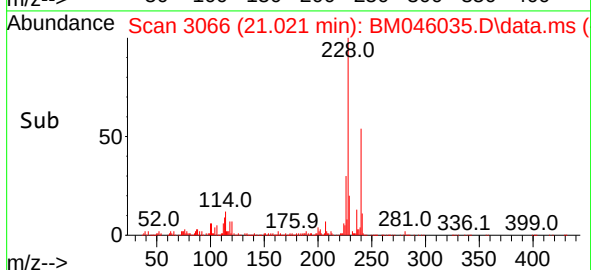
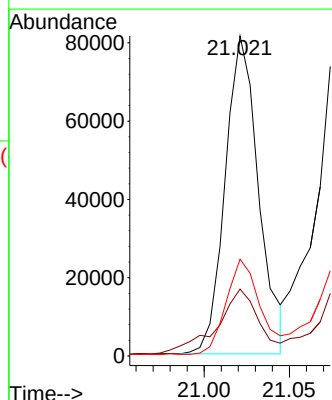
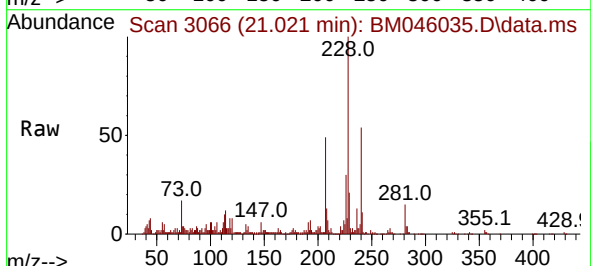
RT: 21.021 min Scan# 3066

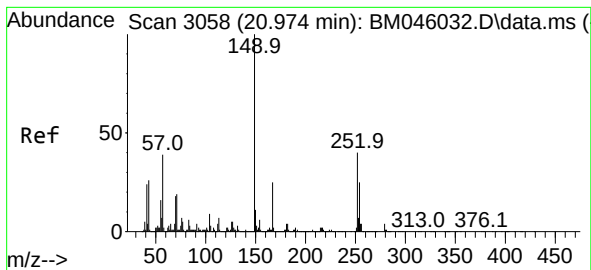
Delta R.T. -0.006 min

Lab File: BM046035.D

Acq: 14 Jun 2024 12:23

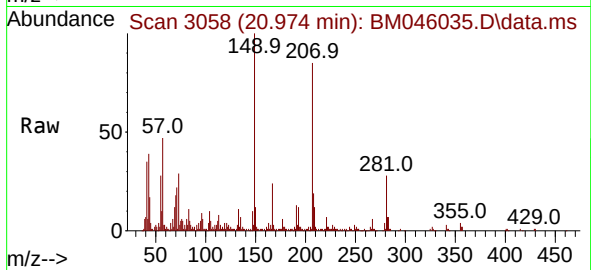
Tgt Ion:	228	Resp:	111161
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.8	23.8
226	30.3	21.4	32.0





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.148 ng/ul
 RT: 20.974 min Scan# 3058
 Delta R.T. -0.006 min
 Lab File: BM046035.D
 Acq: 14 Jun 2024 12:23

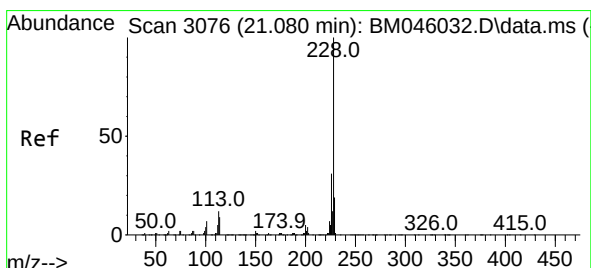
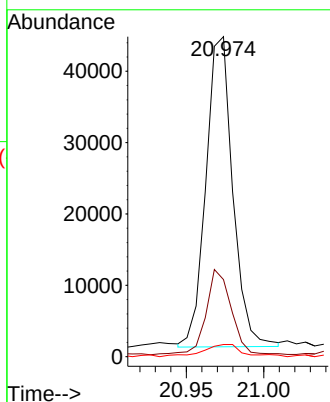
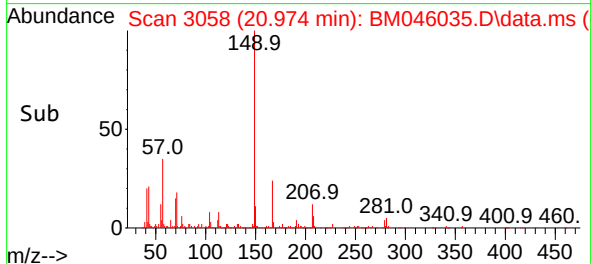
Instrument :
 BNA_M
 ClientSampleId :
 A4BJ7



Tgt Ion:149 Resp: 5247
 Ion Ratio Lower Upper
 149 100
 167 24.1 20.4 30.6
 279 3.8 3.1 4.7

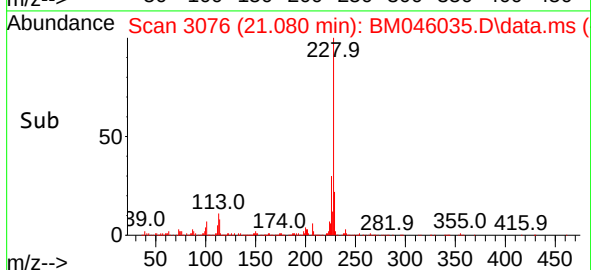
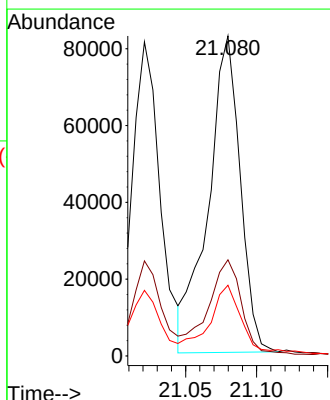
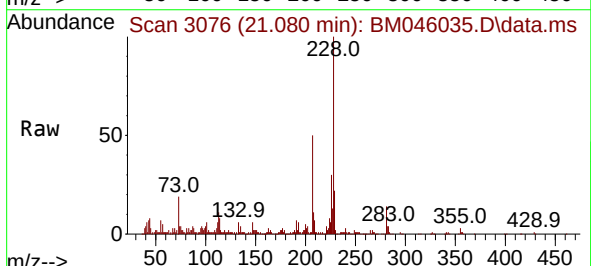
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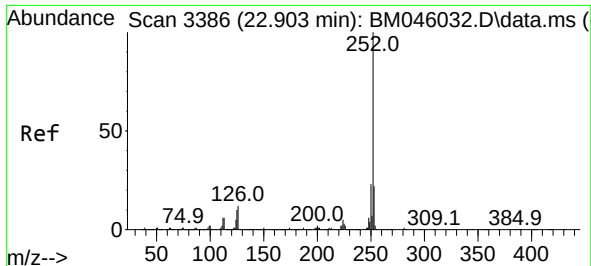
Reviewed By :Jagrut Upadhyay 06/17/2024
 Supervised By :mohammad ahmed 06/18/2024



#87
 Chrysene
 Concen: 3.878 ng/ul
 RT: 21.080 min Scan# 3076
 Delta R.T. -0.006 min
 Lab File: BM046035.D
 Acq: 14 Jun 2024 12:23

Tgt Ion:228 Resp: 129013
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.2 36.2
 229 22.1 15.2 22.8





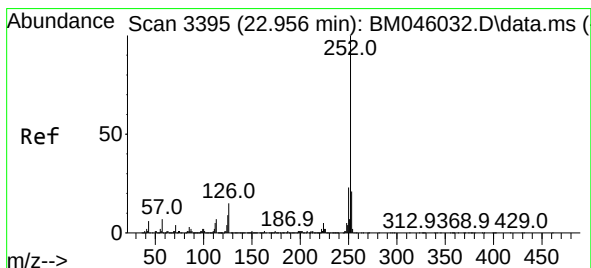
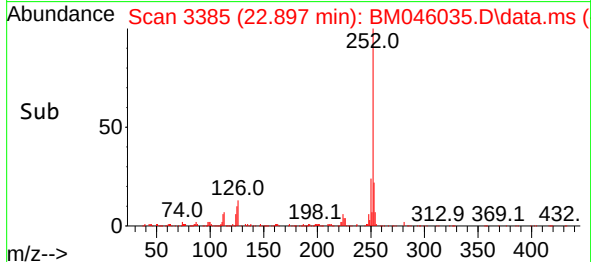
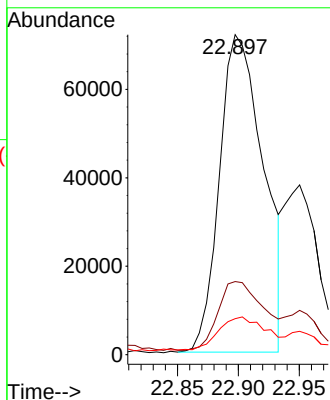
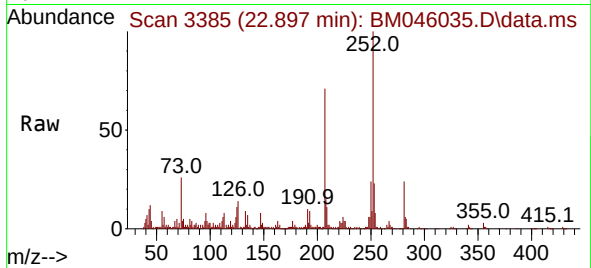
#90
Benzo(b)fluoranthene
Concen: 4.564 ng/ul
RT: 22.897 min Scan# 3386
Delta R.T. -0.006 min
Lab File: BM046035.D
Acq: 14 Jun 2024 12:23

Instrument :
BNA_M
ClientSampleId :
A4BJ7

Tgt Ion:252 Resp: 180572
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 11.2 8.4 12.6

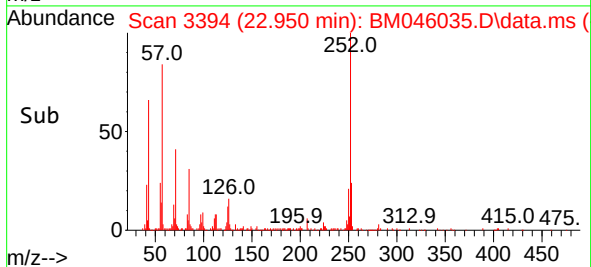
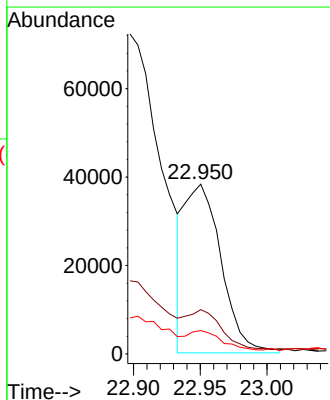
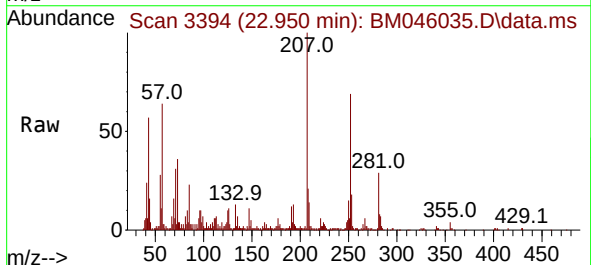
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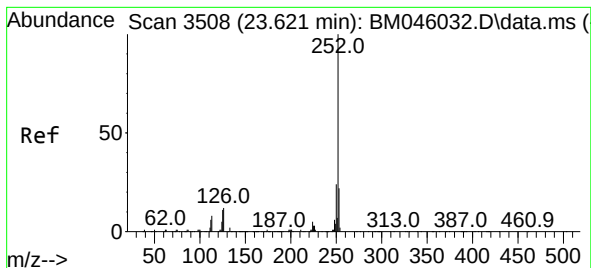
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#91
Benzo(k)fluoranthene
Concen: 1.897 ng/ul m
RT: 22.950 min Scan# 3394
Delta R.T. -0.006 min
Lab File: BM046035.D
Acq: 14 Jun 2024 12:23

Tgt Ion:252 Resp: 73316
Ion Ratio Lower Upper
252 100
253 26.1 16.8 25.2#
125 13.8 8.2 12.4#





#93

Benzo(a)pyrene

Concen: 1.930 ng/ul

RT: 23.615 min Scan# 3507

Delta R.T. -0.006 min

Lab File: BM046035.D

Acq: 14 Jun 2024 12:23

Instrument :

BNA_M

ClientSampleId :

A4BJ7

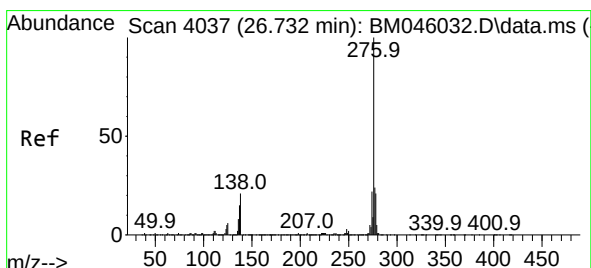
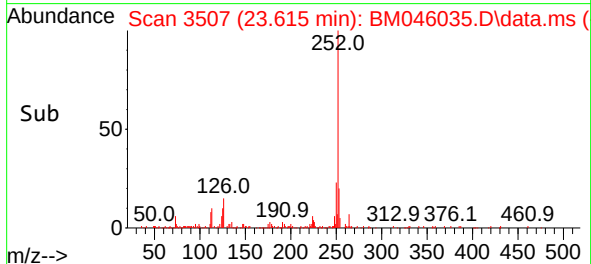
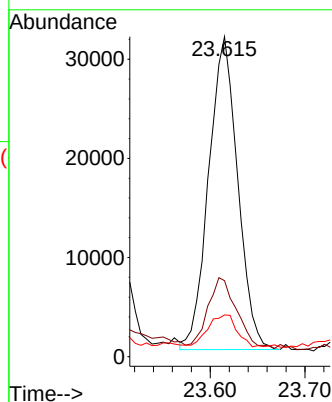
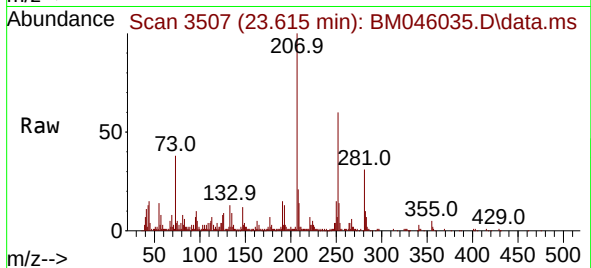
Tgt Ion:252 Resp: 67115

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	13.0	9.3	13.9

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.778 ng/ul

RT: 26.727 min Scan# 4036

Delta R.T. -0.000 min

Lab File: BM046035.D

Acq: 14 Jun 2024 12:23

Tgt Ion:276 Resp: 67494

Ion	Ratio	Lower	Upper
276	100		
138	24.5	17.9	26.9
277	26.1	19.0	28.6

