

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061424\
 Data File : BM046039.D
 Acq On : 14 Jun 2024 15:02
 Operator : MA/JU
 Sample : P2695-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK2

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 23:53:14 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	127458	20.000	ng/u1	0.00
20) Naphthalene-d8	10.198	136	526984	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.080	164	321345	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	639558	20.000	ng/u1	0.00
79) Chrysene-d12	21.039	240	600157	20.000	ng/u1	0.00
88) Perylene-d12	23.744	264	718451	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	13193	4.013	ng/uL	0.00
4) Pyridine-d5	3.499	84	14456m	1.708	ng/u1	0.05
7) Phenol-d5	6.693	99	275854	25.476	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.798	67	196292	25.246	ng/u1	0.00
11) 2-Chlorophenol-d4	6.993	132	220230	27.229	ng/u1	0.00
15) 4-Methylphenol-d8	8.204	113	208508	25.488	ng/u1	0.00
21) Nitrobenzene-d5	8.598	128	108134	26.244	ng/u1	0.00
24) 2-Nitrophenol-d4	9.310	143	113415	27.197	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.863	165	203305	25.999	ng/u1	0.00
31) 4-Chloroaniline-d4	10.386	131	226921	20.967	ng/u1	0.00
46) Dimethylphthalate-d6	13.527	166	636057	28.591	ng/u1	0.00
49) Acenaphthylene-d8	13.769	160	706759	27.358	ng/u1	0.00
54) 4-Nitrophenol-d4	14.386	143	88118	18.353	ng/u1	0.00
60) Fluorene-d10	15.080	176	539391	28.421	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.227	200	64458	19.737	ng/u1	0.00
73) Anthracene-d10	16.921	188	817510	29.404	ng/u1	0.00
81) Pyrene-d10	19.227	212	869880	23.307	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	703560	20.953	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.292	105	17165	1.259	ng/u1	91
72) Phenanthrene	16.868	178	108808	3.229	ng/u1	99
80) Fluoranthene	18.892	202	244507	5.404	ng/u1	100
82) Pyrene	19.256	202	169097	3.637	ng/u1	99
85) Benzo(a)anthracene	21.021	228	84519	2.040	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	20.974	149	35044	1.245	ng/u1	96
87) Chrysene	21.080	228	99497m	2.595	ng/u1	
90) Benzo(b)fluoranthene	22.897	252	127384	2.885	ng/u1	94
93) Benzo(a)pyrene	23.615	252	43060	1.110	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.721	276	43498	1.027	ng/u1	97

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

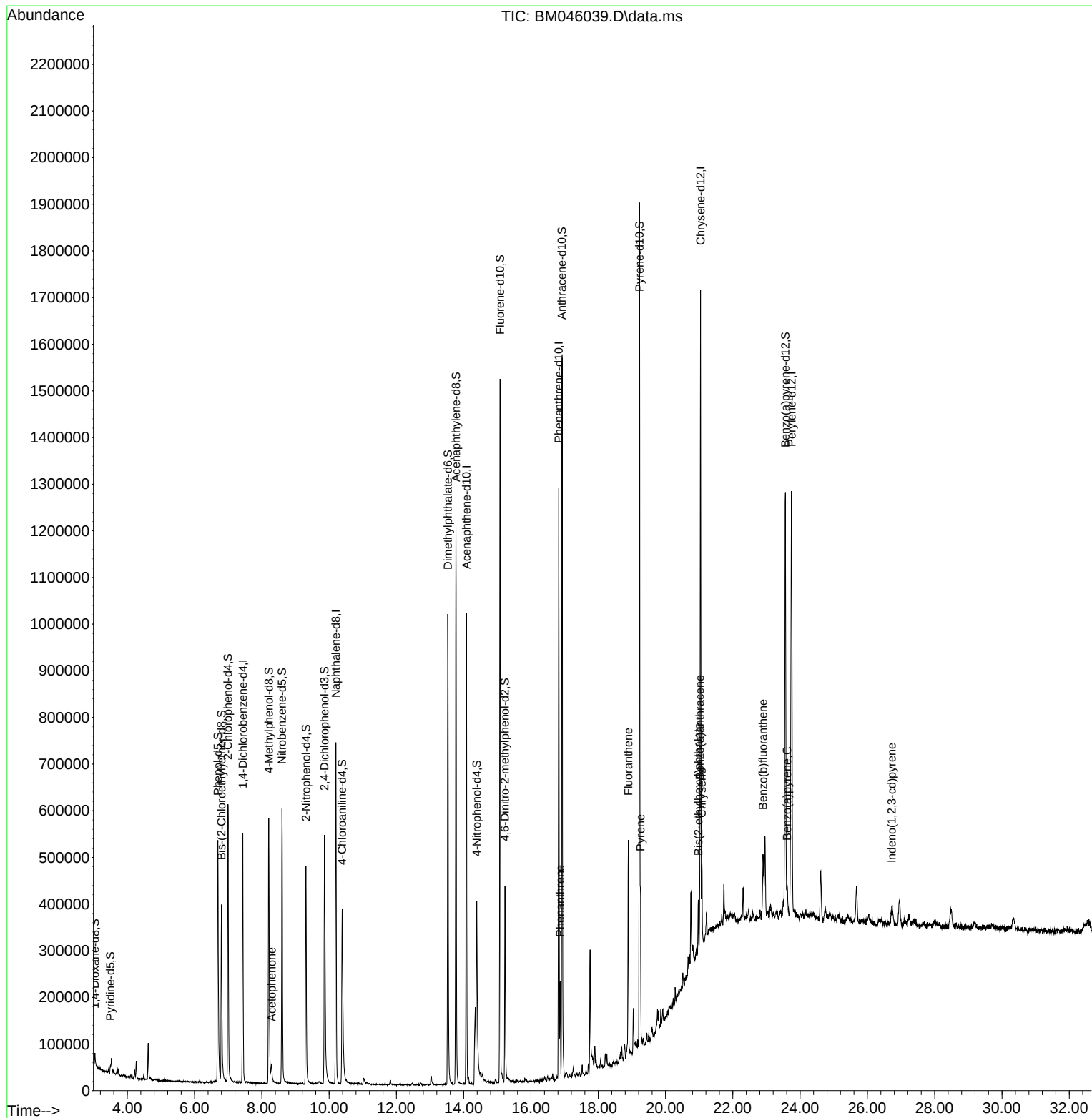
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061424\
Data File : BM046039.D
Acq On : 14 Jun 2024 15:02
Operator : MA/JU
Sample : P2695-09
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ALS Vial : 9 Sample Multiplier: 1

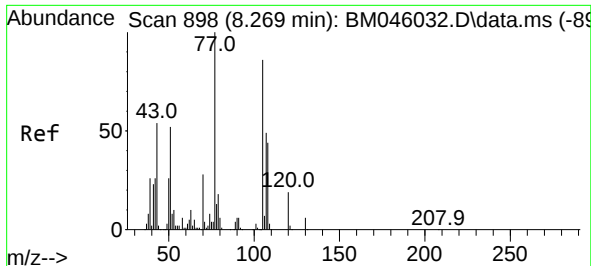
Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
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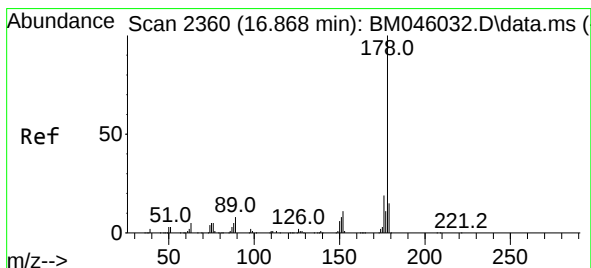
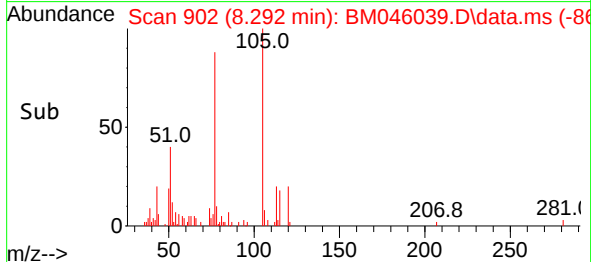
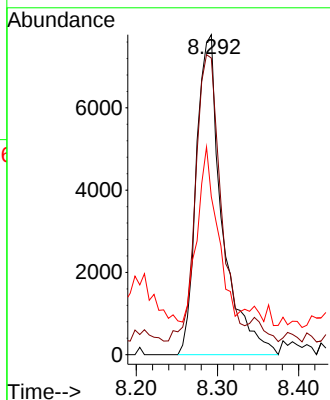
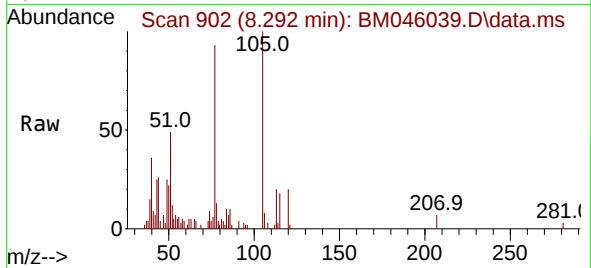
#16
Acetophenone
Concen: 1.259 ng/ul
RT: 8.292 min Scan# 902
Delta R.T. 0.018 min
Lab File: BM046039.D
Acq: 14 Jun 2024 15:02

Instrument :
BNA_M
ClientSampleId :
A4BK2

Tgt Ion:105 Resp: 1716
Ion Ratio Lower Upper
105 100
77 92.7 84.7 127.1
51 49.4 39.4 59.0

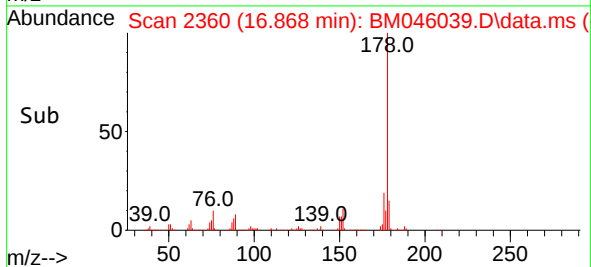
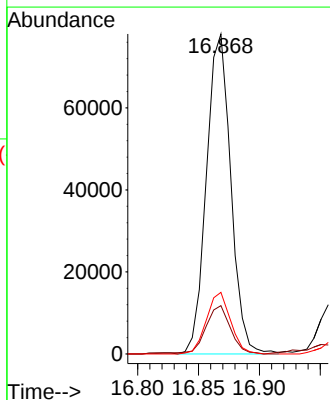
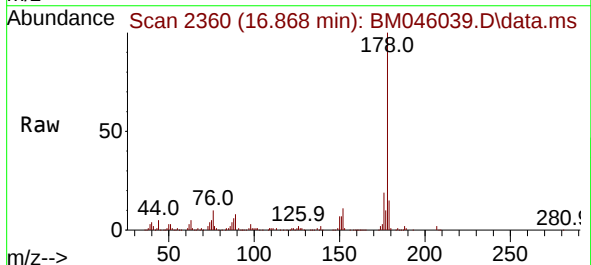
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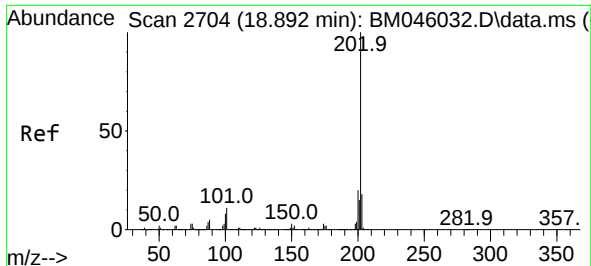
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#72
Phenanthrene
Concen: 3.229 ng/ul
RT: 16.868 min Scan# 2360
Delta R.T. -0.000 min
Lab File: BM046039.D
Acq: 14 Jun 2024 15:02

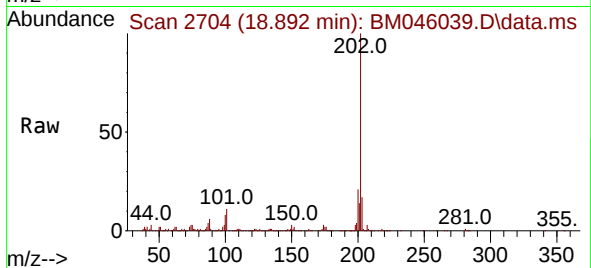
Tgt Ion:178 Resp: 108808
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 19.2 15.3 22.9





#80
Fluoranthene
Concen: 5.404 ng/ul
RT: 18.892 min Scan# 2704
Delta R.T. -0.000 min
Lab File: BM046039.D
Acq: 14 Jun 2024 15:02

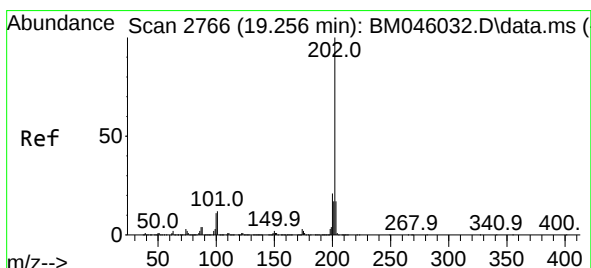
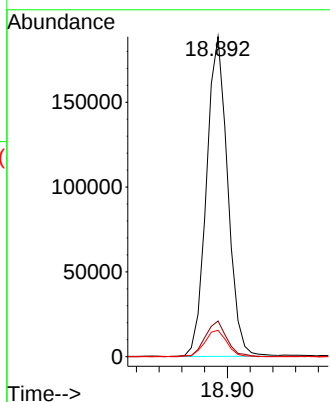
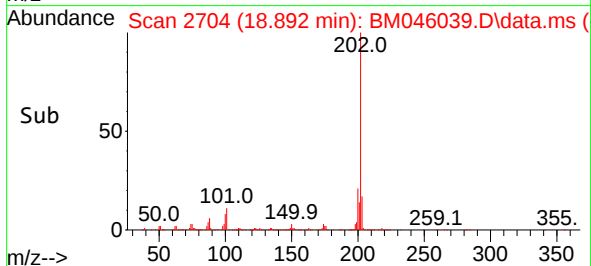
Instrument :
BNA_M
ClientSampleId :
A4BK2



Tgt Ion:202 Resp: 244507
Ion Ratio Lower Upper
202 100
101 11.2 8.9 13.3
100 8.3 6.6 10.0

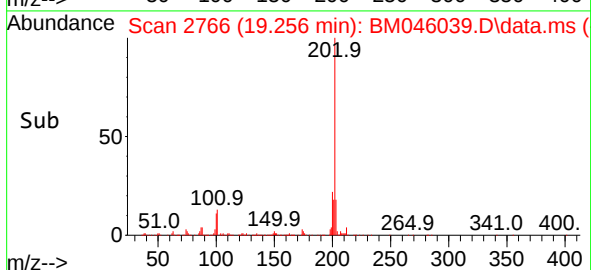
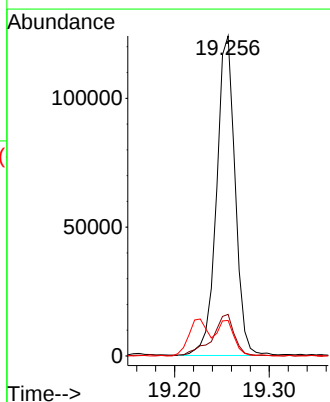
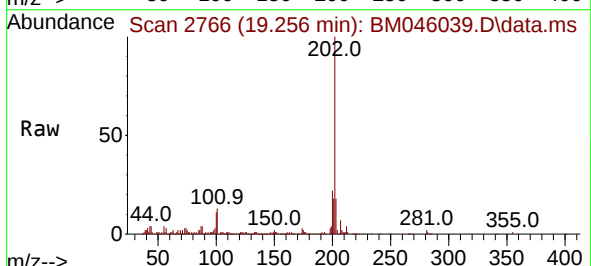
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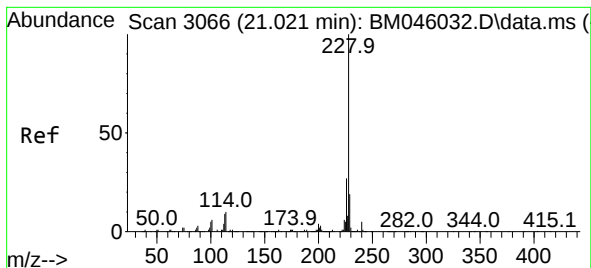
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#82
Pyrene
Concen: 3.637 ng/ul
RT: 19.256 min Scan# 2766
Delta R.T. -0.000 min
Lab File: BM046039.D
Acq: 14 Jun 2024 15:02

Tgt Ion:202 Resp: 169097
Ion Ratio Lower Upper
202 100
101 13.0 10.5 15.7
100 11.1 8.6 12.8





#85

Benzo(a)anthracene

Concen: 2.040 ng/ul

RT: 21.021 min Scan# 3066

Delta R.T. -0.006 min

Lab File: BM046039.D

Acq: 14 Jun 2024 15:02

Instrument :

BNA_M

ClientSampleId :

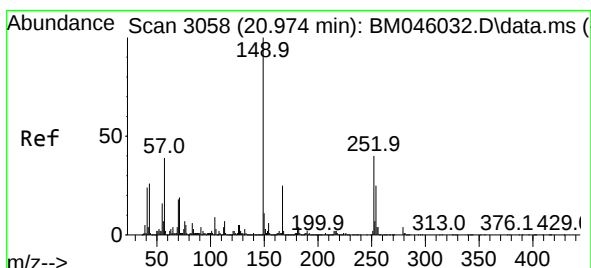
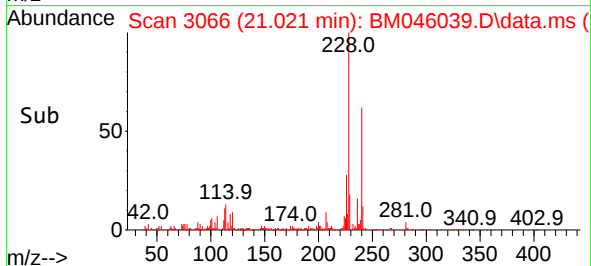
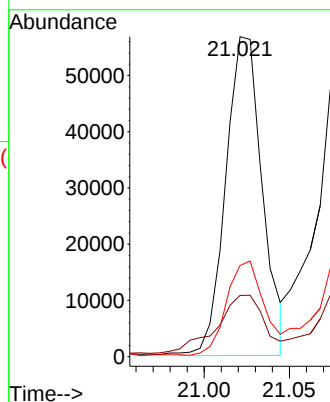
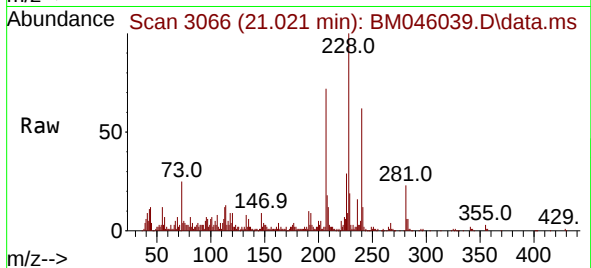
A4BK2

Tgt Ion:	228	Resp:	84519
Ion Ratio	Lower	Upper	
228	100		
229	19.2	15.8	23.8
226	28.5	21.4	32.0

Manual Integrations

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#86

Bis(2-ethylhexyl)phthalate

Concen: 1.245 ng/ul

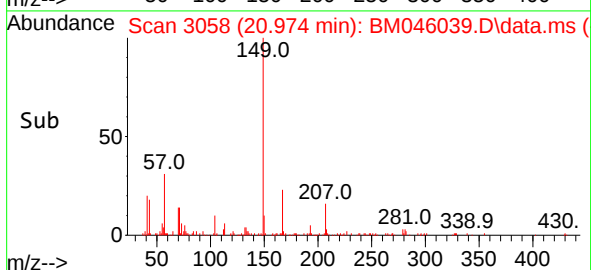
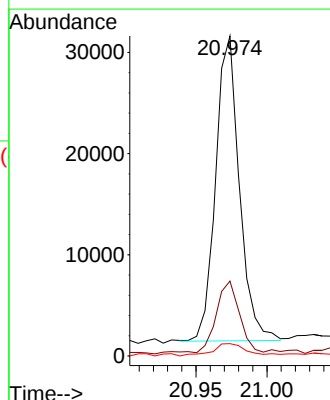
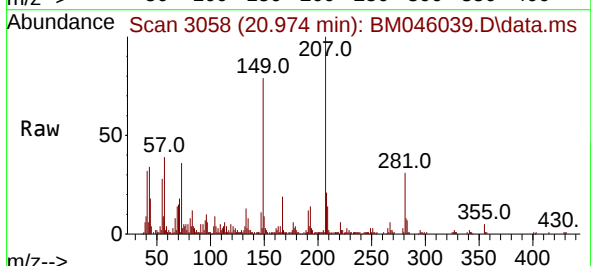
RT: 20.974 min Scan# 3058

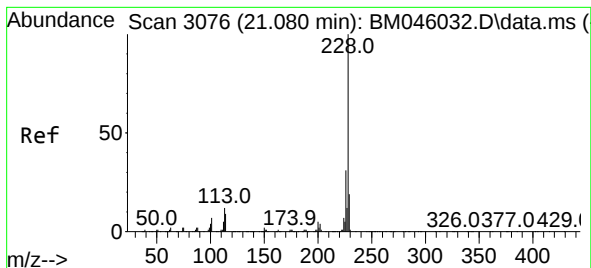
Delta R.T. -0.006 min

Lab File: BM046039.D

Acq: 14 Jun 2024 15:02

Tgt Ion:	149	Resp:	35044
Ion Ratio	Lower	Upper	
149	100		
167	23.4	20.4	30.6
279	3.8	3.1	4.7





#87

Chrysene

Concen: 2.595 ng/ul m

RT: 21.080 min Scan# 3076

Delta R.T. -0.006 min

Lab File: BM046039.D

Acq: 14 Jun 2024 15:02

Instrument :

BNA_M

ClientSampleId :

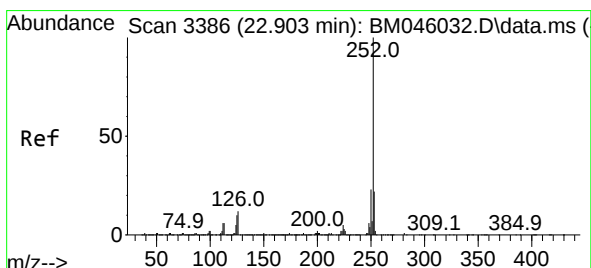
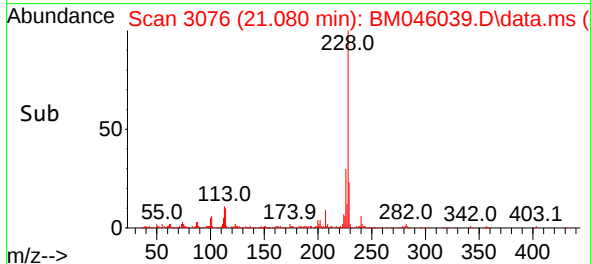
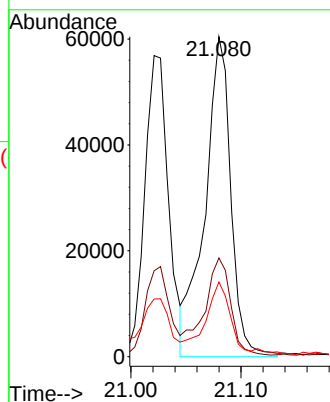
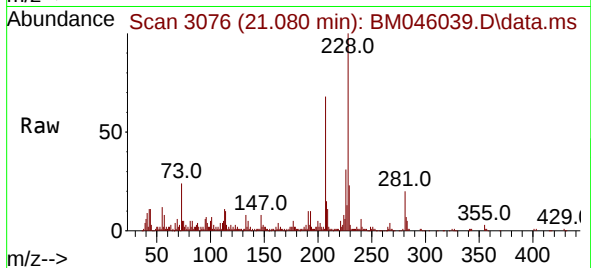
A4BK2

Tgt Ion:	228	Resp:	9949
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.2	36.2
229	23.4	15.2	22.8

Manual Integrations

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Supervised By :mohammad ahmed 06/18/2024



#90

Benzo(b)fluoranthene

Concen: 2.885 ng/ul

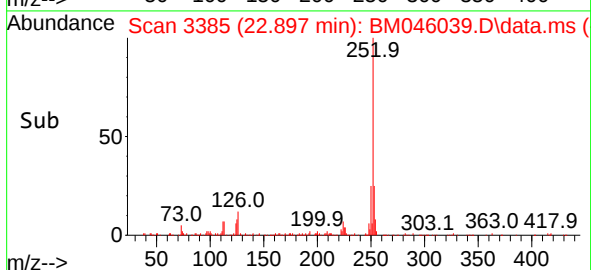
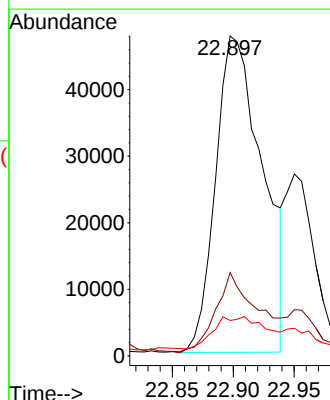
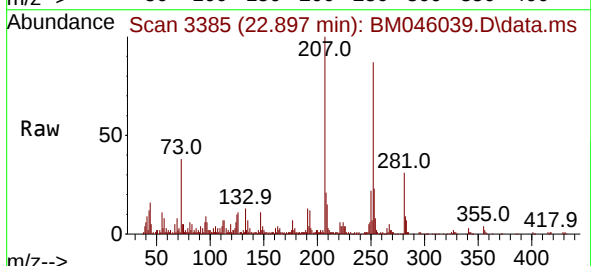
RT: 22.897 min Scan# 3385

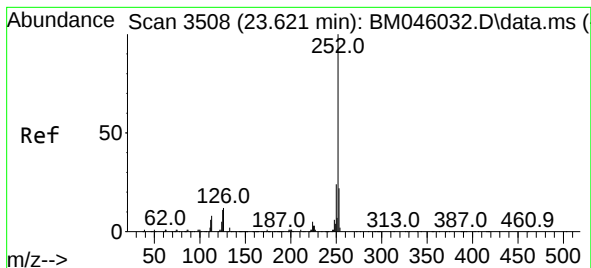
Delta R.T. -0.006 min

Lab File: BM046039.D

Acq: 14 Jun 2024 15:02

Tgt Ion:	252	Resp:	127384
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.8	26.6
125	11.1	8.4	12.6





#93

Benzo(a)pyrene

Concen: 1.110 ng/ul

RT: 23.615 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM046039.D

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BNA_M

ClientSampleId :

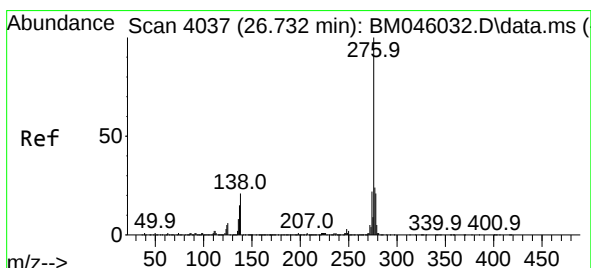
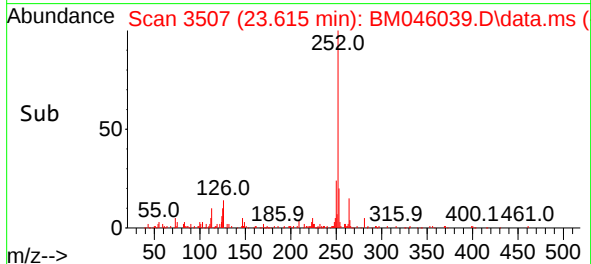
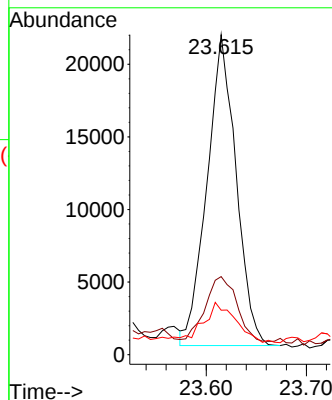
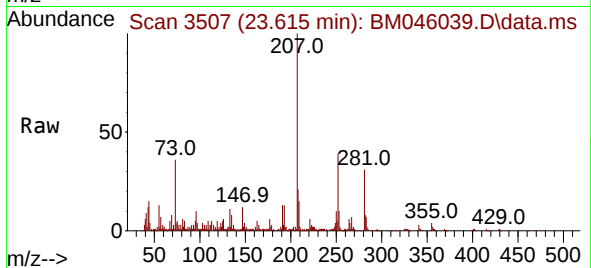
A4BK2

Tgt Ion:	252	Resp:	43060
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.5	26.3
125	13.9	9.3	13.9

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.027 ng/ul

RT: 26.721 min Scan# 4035

Delta R.T. -0.006 min

Lab File: BM046039.D

Acq: 14 Jun 2024 15:02

Tgt Ion:	276	Resp:	43498
Ion Ratio	Lower	Upper	
276	100		
138	19.9	17.9	26.9
277	24.2	19.0	28.6

