

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061124\
 Data File : BM045982.D
 Acq On : 11 Jun 2024 19:00
 Operator : MA/JU
 Sample : P2642-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 11 23:11:22 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	7.440	152	80365	20.000	ng/u1	0.00
20) Naphthalene-d8	10.210	136	363200	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.086	164	241605	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	538038	20.000	ng/u1	0.00
79) Chrysene-d12	21.039	240	652065	20.000	ng/u1	0.00
88) Perylene-d12	23.744	264	762274	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	9385	4.528	ng/uL	0.00
4) Pyridine-d5	3.481	84	43794	8.205	ng/u1	0.03
7) Phenol-d5	6.693	99	216013	31.640	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67	152694	31.146	ng/u1	0.00
11) 2-Chlorophenol-d4	7.004	132	162308	31.827	ng/u1	0.00
15) 4-Methylphenol-d8	8.210	113	174693	33.869	ng/u1	0.00
21) Nitrobenzene-d5	8.610	128	83692	29.472	ng/u1	0.01
24) 2-Nitrophenol-d4	9.316	143	84192	29.294	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.869	165	168529	31.270	ng/u1	0.00
31) 4-Chloroaniline-d4	10.398	131	202758	27.183	ng/u1	0.01
46) Dimethylphthalate-d6	13.533	166	566175	33.849	ng/u1	0.00
49) Acenaphthylene-d8	13.775	160	634879	32.687	ng/u1	0.00
54) 4-Nitrophenol-d4	14.386	143	85269	23.622	ng/u1	0.00
60) Fluorene-d10	15.086	176	502061	35.185	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.227	200	66310	24.135	ng/u1	0.00
73) Anthracene-d10	16.927	188	802860	34.325	ng/u1	0.00
81) Pyrene-d10	19.227	212	1061453	26.176	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	1020169	28.635	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	16.868	178	267100	9.422	ng/u1	99
74) Anthracene	16.963	178	49660	1.754	ng/u1	97
77) Carbazole	17.257	167	25472	1.054	ng/u1	99
80) Fluoranthene	18.892	202	629465	12.804	ng/u1	99
82) Pyrene	19.256	202	516121	10.218	ng/u1	98
85) Benzo(a)anthracene	21.021	228	317320	7.048	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	20.974	149	69333	2.267	ng/u1	100
87) Chrysene	21.080	228	345049	8.284	ng/u1	98
90) Benzo(b)fluoranthene	22.903	252	489076	10.440	ng/u1	98
91) Benzo(k)fluoranthene	22.945	252	141793m	3.099	ng/u1	
93) Benzo(a)pyrene	23.615	252	214532	5.212	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.715	276	163303	3.633	ng/u1	97
95) Dibenzo(a,h)anthracene	26.756	278	49666	1.397	ng/u1	94

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

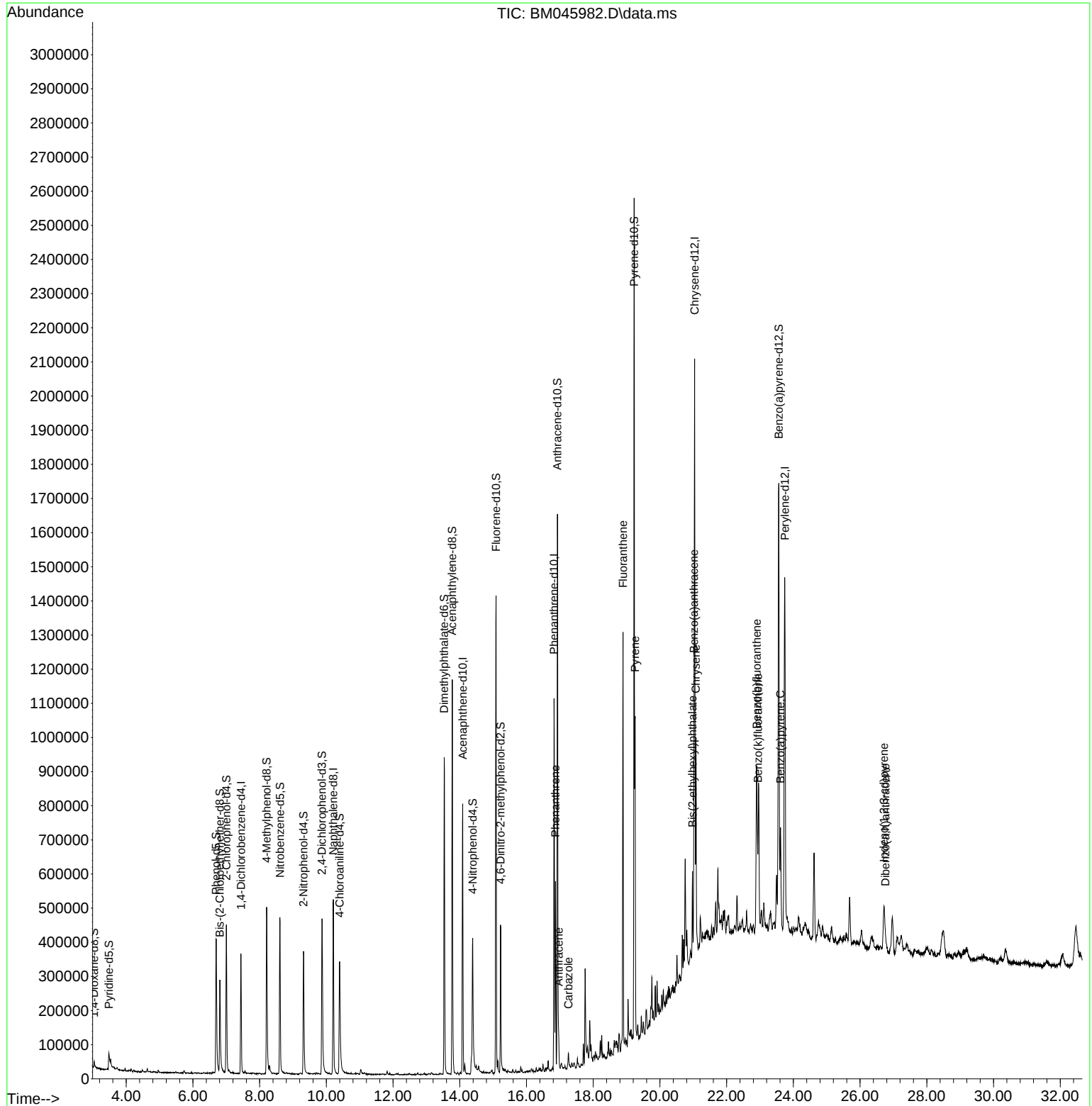
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061124\
 Data File : BM045982.D
 Acq On : 11 Jun 2024 19:00
 Operator : MA/JU
 Sample : P2642-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

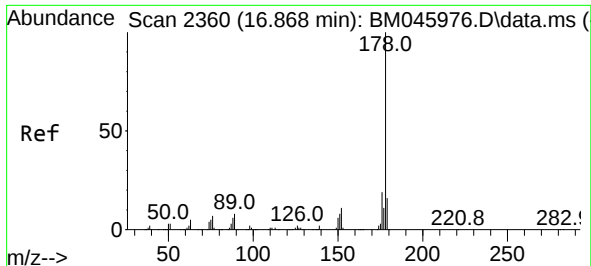
Instrument :
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 ClientSampleId :
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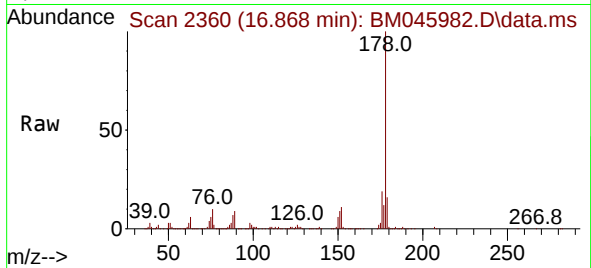
Quant Time: Jun 11 23:11:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
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#72
Phenanthrene
Concen: 9.422 ng/ul
RT: 16.868 min Scan# 2360
Delta R.T. 0.000 min
Lab File: BM045982.D
Acq: 11 Jun 2024 19:00

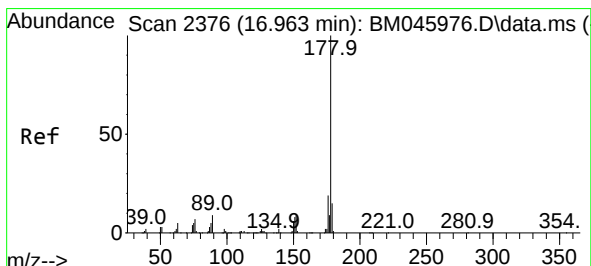
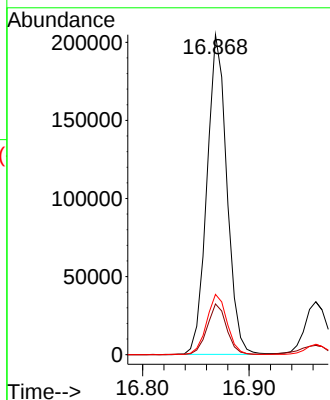
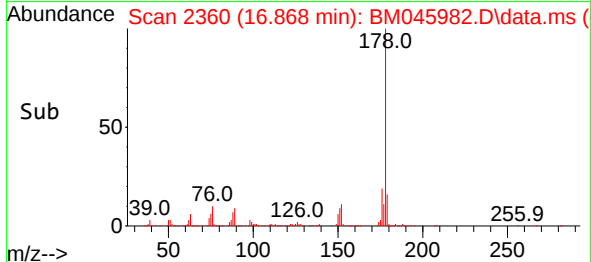
Instrument :
BNA_M
ClientSampleId :
A4BH7



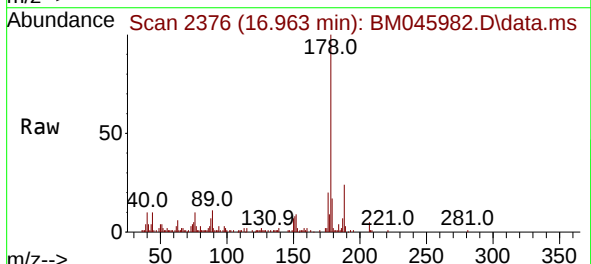
Tgt Ion:178 Resp: 267100
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 18.8 15.3 22.9

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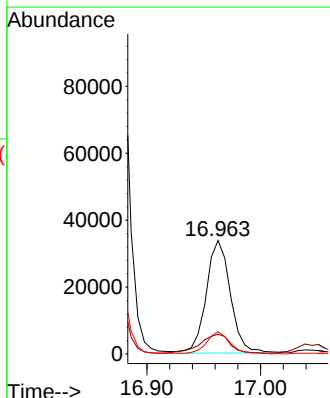
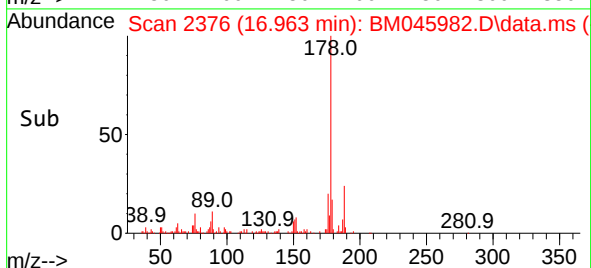
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/13/2024

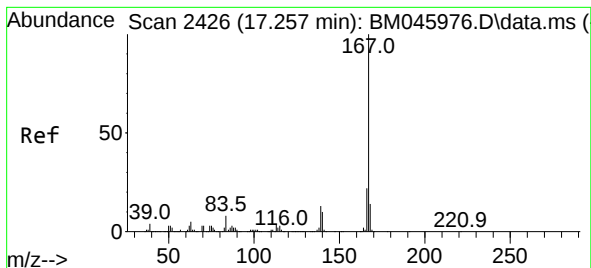


#74
Anthracene
Concen: 1.754 ng/ul
RT: 16.963 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BM045982.D
Acq: 11 Jun 2024 19:00



Tgt Ion:178 Resp: 49660
Ion Ratio Lower Upper
178 100
179 17.4 12.0 18.0
176 19.5 15.0 22.6





#77

Carbazole

Concen: 1.054 ng/ul

RT: 17.257 min Scan# 2426

Delta R.T. 0.000 min

Lab File: BM045982.D

Acq: 11 Jun 2024 19:00

Instrument :

BNA_M

ClientSampleId :

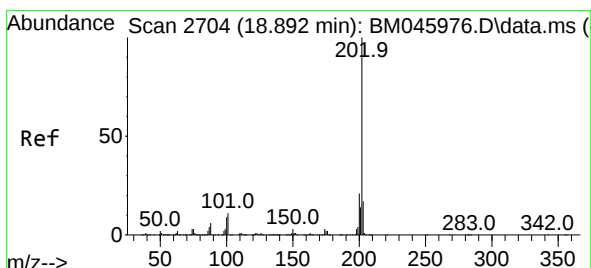
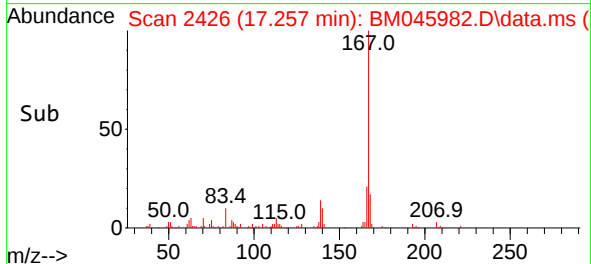
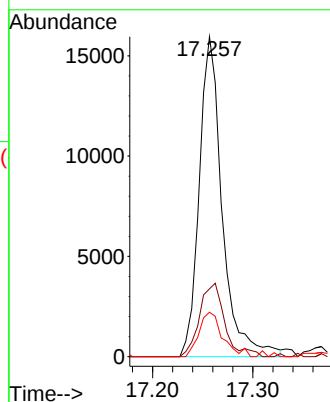
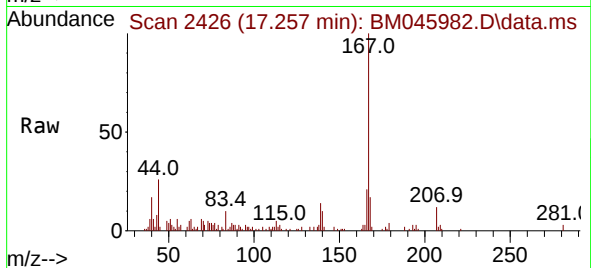
A4BH7

Tgt Ion:167	Resp:	25472
Ion Ratio	Lower	Upper
167	100	
166	21.2	16.6 24.8
139	13.9	10.6 16.0

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#80

Fluoranthene

Concen: 12.804 ng/ul

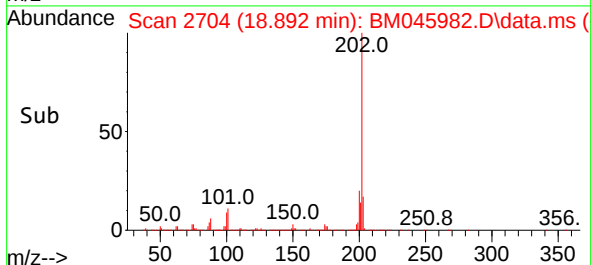
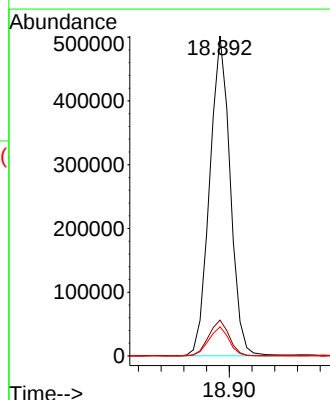
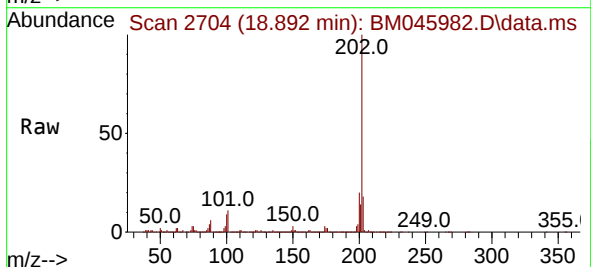
RT: 18.892 min Scan# 2704

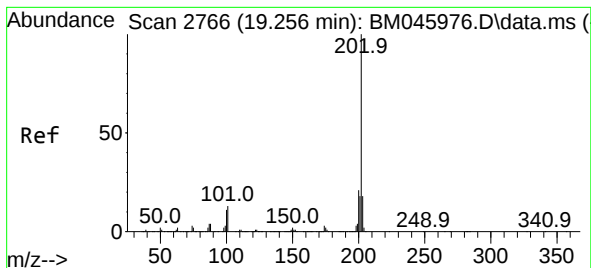
Delta R.T. 0.000 min

Lab File: BM045982.D

Acq: 11 Jun 2024 19:00

Tgt Ion:202	Resp:	629465
Ion Ratio	Lower	Upper
202	100	
101	11.2	8.9 13.3
100	9.1	6.6 10.0





#82

Pyrene

Concen: 10.218 ng/ul

RT: 19.256 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM045982.D

Acq: 11 Jun 2024 19:00

Instrument :

BNA_M

ClientSampleId :

A4BH7

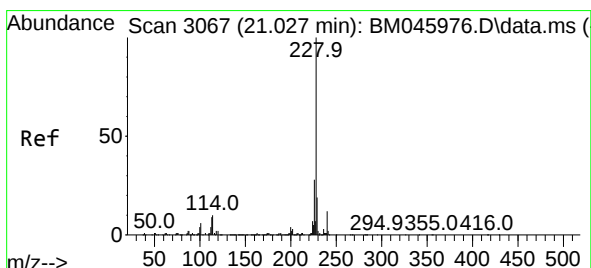
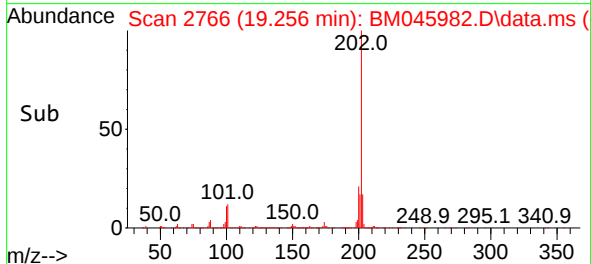
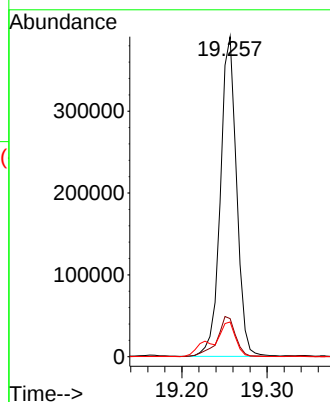
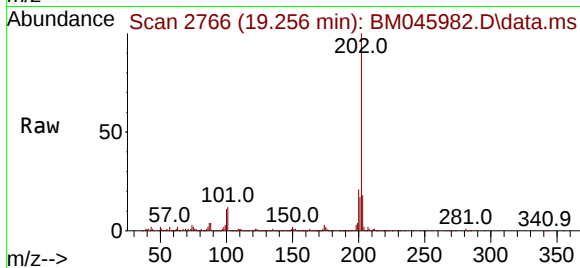
Tgt Ion:202 Resp: 51612

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.5	15.7
100	10.9	8.6	12.8

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#85

Benzo(a)anthracene

Concen: 7.048 ng/ul

RT: 21.021 min Scan# 3066

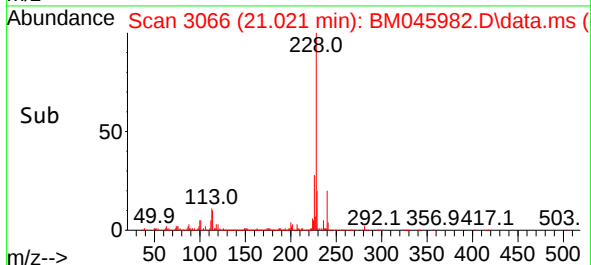
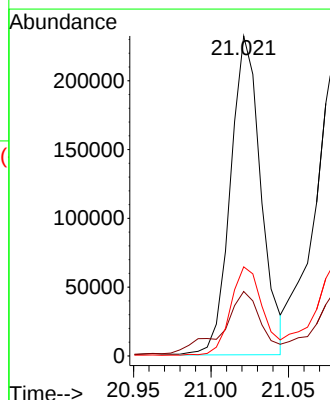
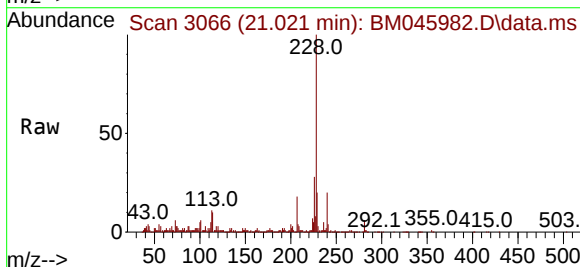
Delta R.T. -0.006 min

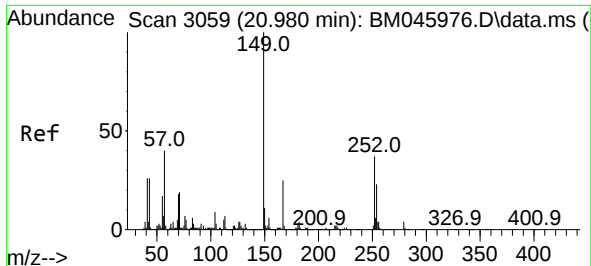
Lab File: BM045982.D

Acq: 11 Jun 2024 19:00

Tgt Ion:228 Resp: 317320

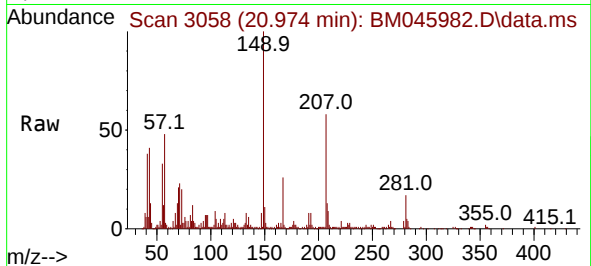
Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.8
226	27.9	21.4	32.0





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.267 ng/ul
RT: 20.974 min Scan# 3058
Delta R.T. -0.006 min
Lab File: BM045982.D
Acq: 11 Jun 2024 19:00

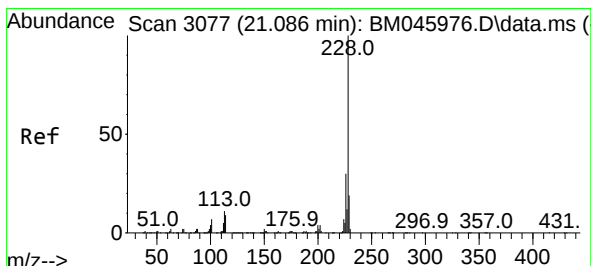
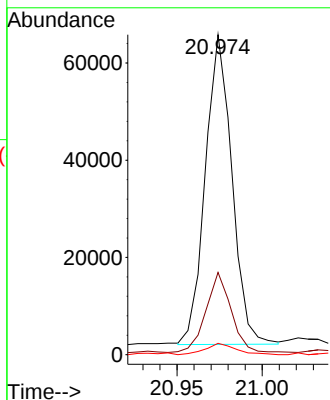
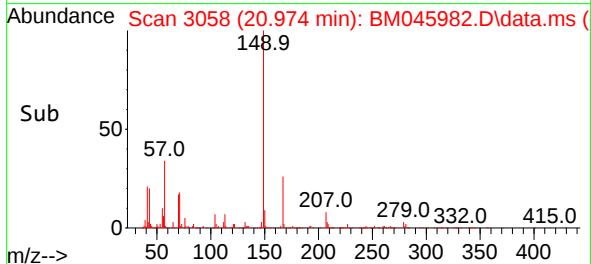
Instrument :
BNA_M
ClientSampleId :
A4BH7



Tgt Ion:149 Resp: 6933
Ion Ratio Lower Upper
149 100
167 25.7 20.4 30.6
279 3.6 3.1 4.7

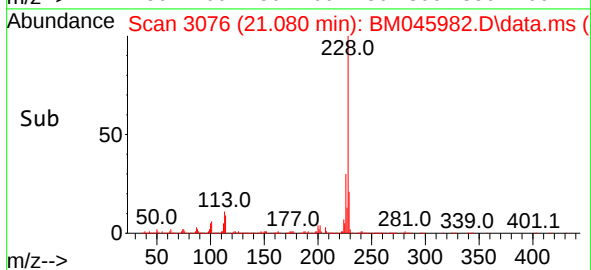
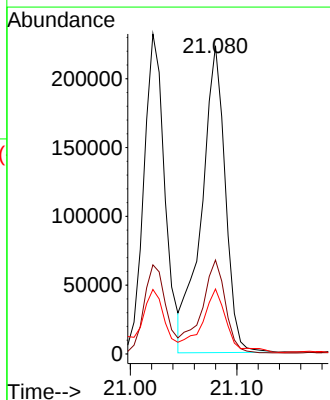
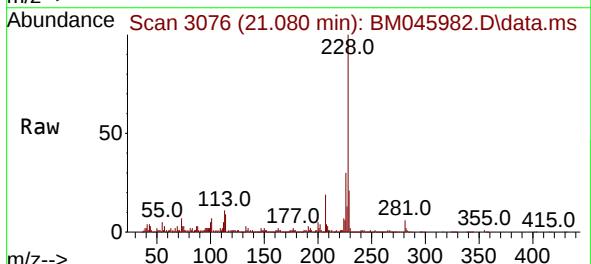
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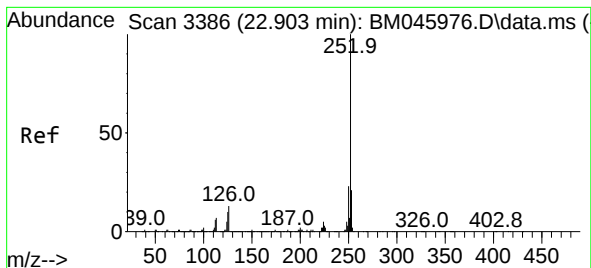
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/13/2024



#87
Chrysene
Concen: 8.284 ng/ul
RT: 21.080 min Scan# 3076
Delta R.T. -0.006 min
Lab File: BM045982.D
Acq: 11 Jun 2024 19:00

Tgt Ion:228 Resp: 345049
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 21.1 15.2 22.8





#90

Benzo(b)fluoranthene

Concen: 10.440 ng/ul

RT: 22.903 min Scan# 3386

Delta R.T. 0.000 min

Lab File: BM045982.D

Acq: 11 Jun 2024 19:00

Instrument :

BNA_M

ClientSampleId :

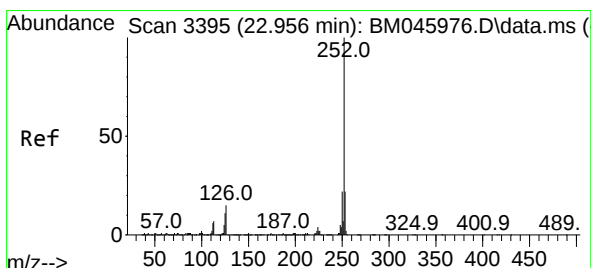
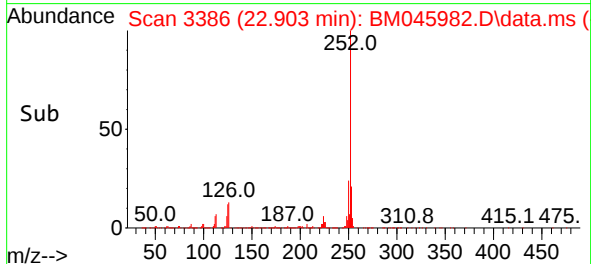
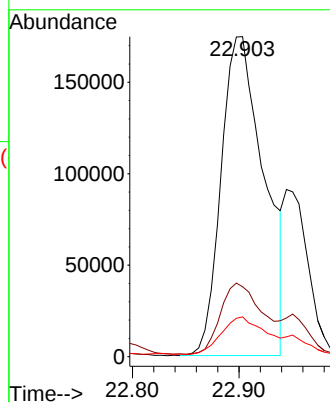
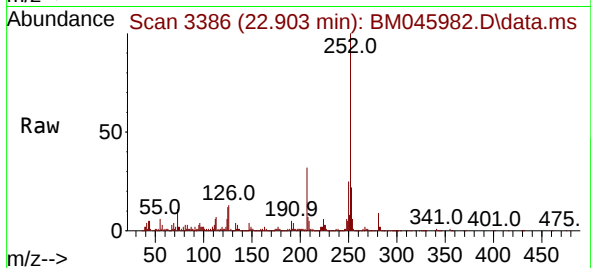
A4BH7

Tgt Ion:252 Resp: 489070
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.8 26.6
 125 12.4 8.4 12.6

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#91

Benzo(k)fluoranthene

Concen: 3.099 ng/ul m

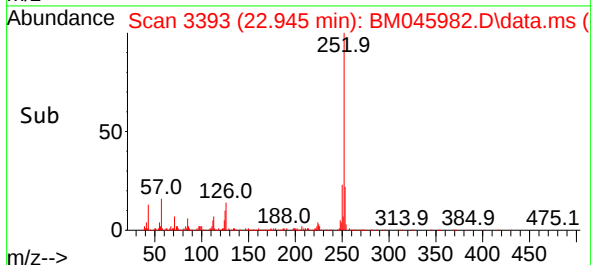
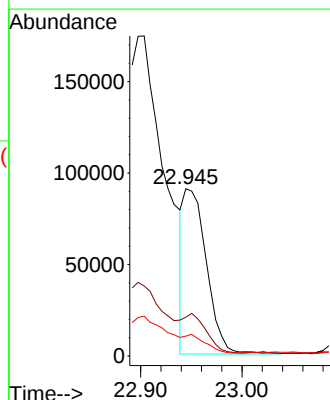
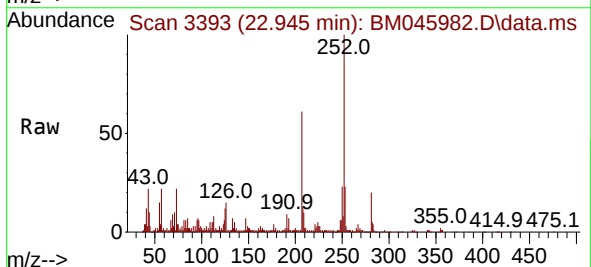
RT: 22.945 min Scan# 3393

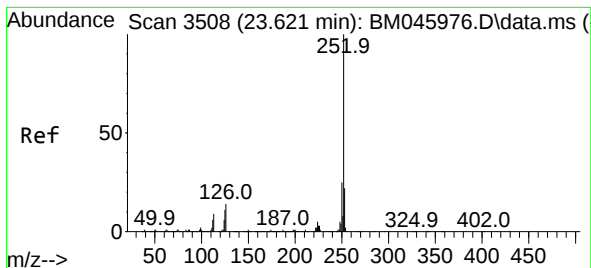
Delta R.T. -0.012 min

Lab File: BM045982.D

Acq: 11 Jun 2024 19:00

Tgt Ion:252 Resp: 141793
 Ion Ratio Lower Upper
 252 100
 253 23.2 16.8 25.2
 125 11.8 8.2 12.4





#93

Benzo(a)pyrene

Concen: 5.212 ng/ul

RT: 23.615 min Scan# 3508

Delta R.T. -0.006 min

Lab File: BM045982.D

Acq: 11 Jun 2024 19:00

Instrument :

BNA_M

ClientSampleId :

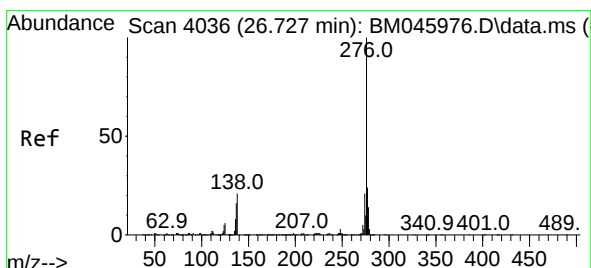
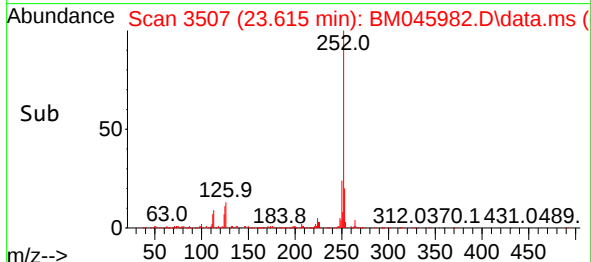
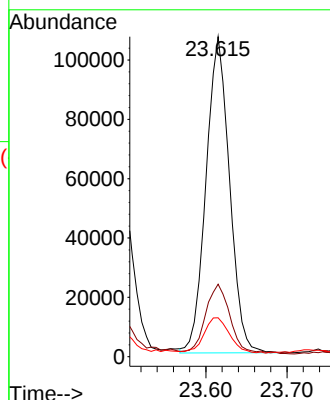
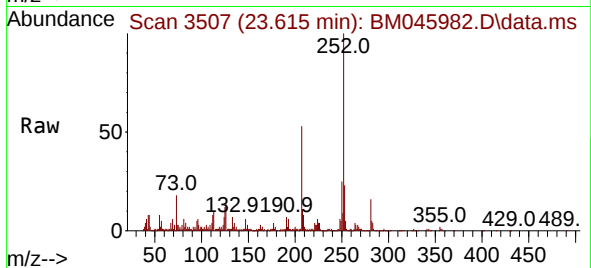
A4BH7

Tgt Ion:	252	Resp:	21453
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.5	26.3
125	12.2	9.3	13.9

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#94

Indeno(1,2,3-cd)pyrene

Concen: 3.633 ng/ul

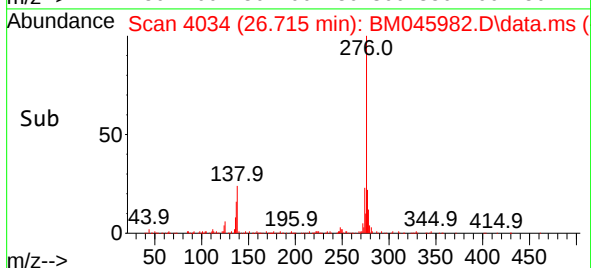
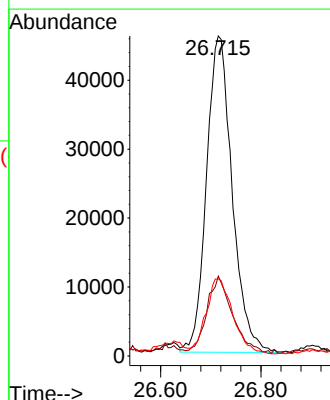
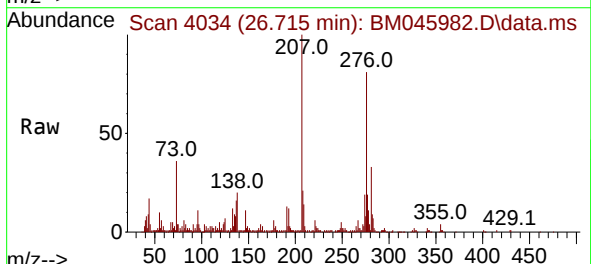
RT: 26.715 min Scan# 4034

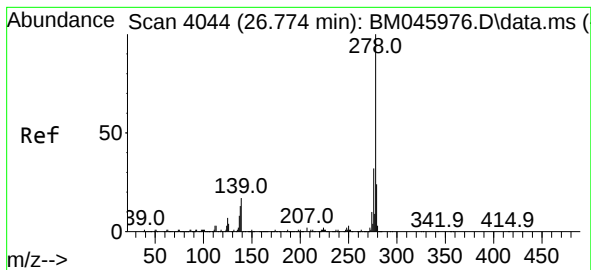
Delta R.T. -0.012 min

Lab File: BM045982.D

Acq: 11 Jun 2024 19:00

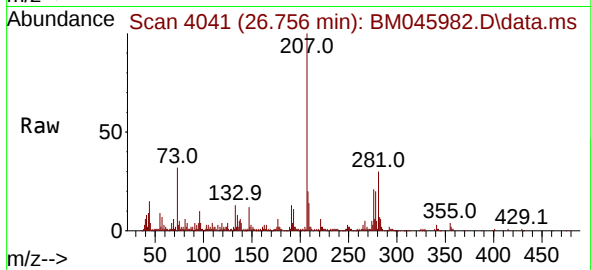
Tgt Ion:	276	Resp:	163303
Ion Ratio	Lower	Upper	
276	100		
138	25.0	17.9	26.9
277	24.0	19.0	28.6





#95
 Dibenzo(a,h)anthracene
 Concen: 1.397 ng/ul
 RT: 26.756 min Scan# 4041
 Delta R.T. -0.018 min
 Lab File: BM045982.D
 Acq: 11 Jun 2024 19:00

Instrument :
 BNA_M
 ClientSampleId :
 A4BH7



Tgt Ion:	278	Resp:	4966
Ion Ratio	Lower	Upper	
278	100		
139	18.1	13.2	19.8
279	27.5	19.1	28.7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
 Supervised By :mohammad ahmed 06/13/2024

