

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061424\
 Data File : BM046036.D
 Acq On : 14 Jun 2024 13:03
 Operator : MA/JU
 Sample : P2695-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ8

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 23:46:39 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	129772	20.000	ng/u1	0.00
20) Naphthalene-d8	10.198	136	535928	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.080	164	330092	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	664310	20.000	ng/u1	0.00
79) Chrysene-d12	21.039	240	606939	20.000	ng/u1	0.00
88) Perylene-d12	23.744	264	737647	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	14361	4.291	ng/uL	0.00
4) Pyridine-d5	3.487	84	25187	2.922	ng/u1	0.04
7) Phenol-d5	6.693	99	283806	25.743	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.798	67	206492	26.084	ng/u1	0.00
11) 2-Chlorophenol-d4	6.992	132	228821	27.787	ng/u1	0.00
15) 4-Methylphenol-d8	8.204	113	198753	23.863	ng/u1	0.00
21) Nitrobenzene-d5	8.598	128	111977	26.723	ng/u1	0.00
24) 2-Nitrophenol-d4	9.310	143	118776	28.008	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.863	165	213795	26.884	ng/u1	0.00
31) 4-Chloroaniline-d4	10.386	131	237902	21.615	ng/u1	0.00
46) Dimethylphthalate-d6	13.527	166	660711	28.912	ng/u1	0.00
49) Acenaphthylene-d8	13.769	160	750939	28.298	ng/u1	0.00
54) 4-Nitrophenol-d4	14.386	143	95621	19.388	ng/u1	0.00
60) Fluorene-d10	15.080	176	554820	28.459	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.227	200	70025	20.642	ng/u1	0.00
73) Anthracene-d10	16.927	188	811806	28.110	ng/u1	0.00
81) Pyrene-d10	19.227	212	861478	22.824	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	686163	19.903	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.287	105	14715	1.060	ng/u1#	84
72) Phenanthrene	16.868	178	69124	1.975	ng/u1	99
80) Fluoranthene	18.892	202	171171	3.741	ng/u1	99
82) Pyrene	19.256	202	121964	2.594	ng/u1	99
85) Benzo(a)anthracene	21.021	228	86532	2.065	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	20.974	149	33545	1.178	ng/u1#	94
87) Chrysene	21.080	228	87678	2.262	ng/u1	95
90) Benzo(b)fluoranthene	22.903	252	115112	2.539	ng/u1	99
91) Benzo(k)fluoranthene	22.950	252	51774m	1.169	ng/u1	
93) Benzo(a)pyrene	23.615	252	45526	1.143	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	26.732	276	44638	1.026	ng/u1	95

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

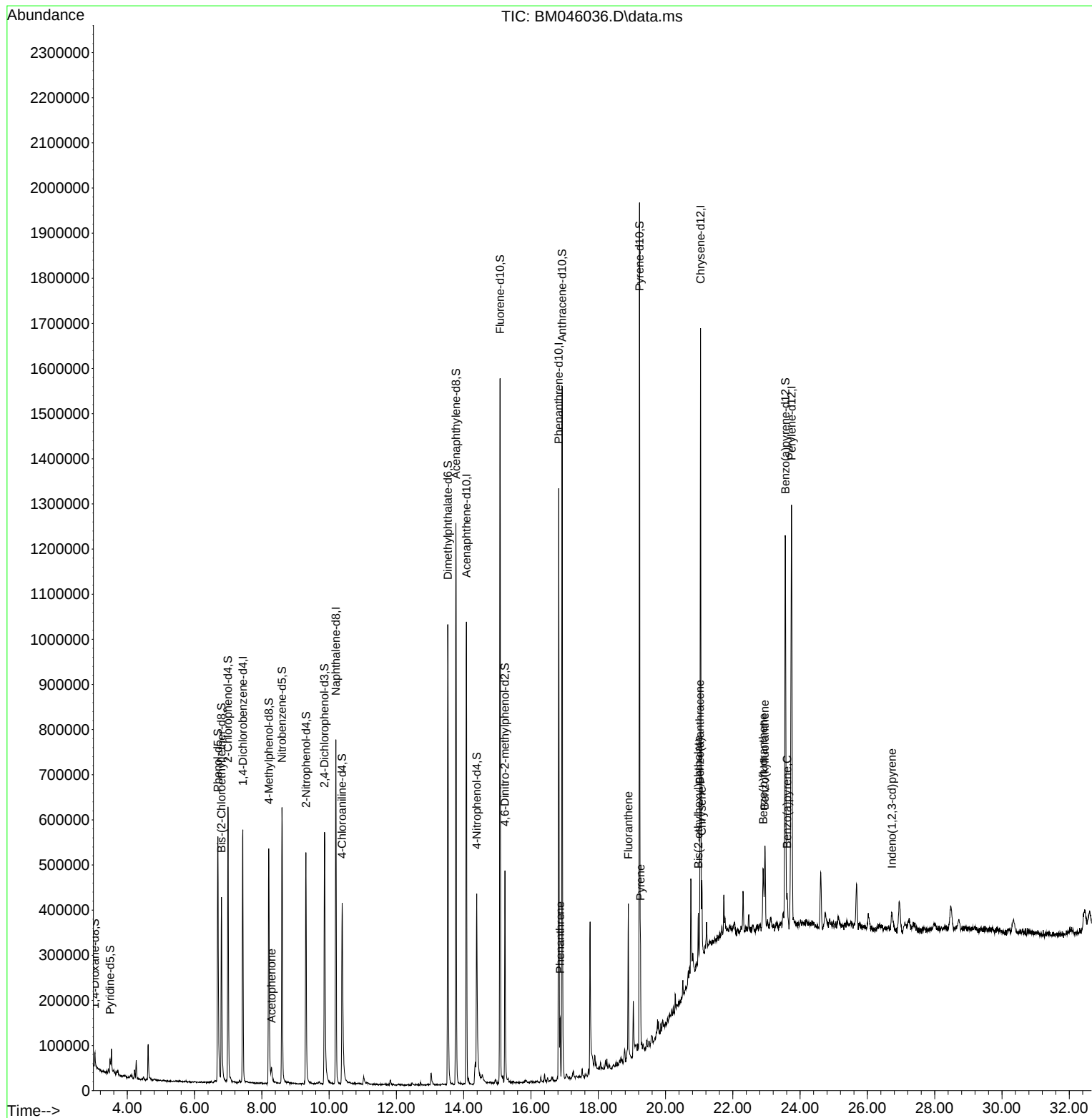
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061424\
Data File : BM046036.D
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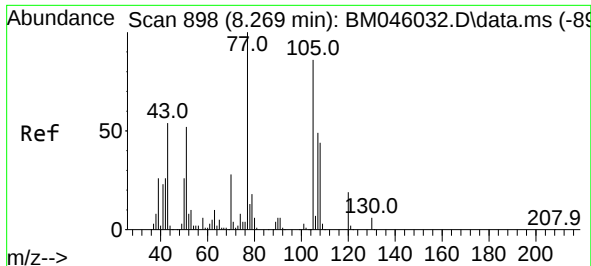
Instrument :
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ClientSampleId :
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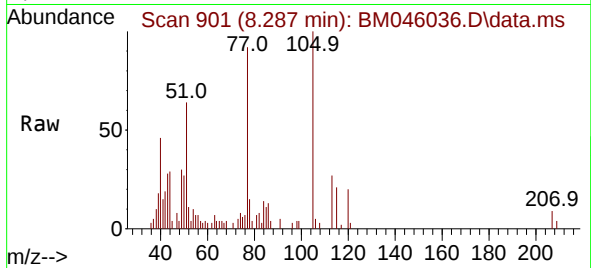
Quant Time: Jun 14 23:46:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
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#16
Acetophenone
Concen: 1.060 ng/ul
RT: 8.287 min Scan# 901
Delta R.T. 0.012 min
Lab File: BM046036.D
Acq: 14 Jun 2024 13:03

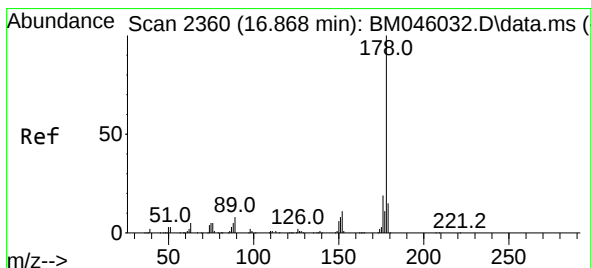
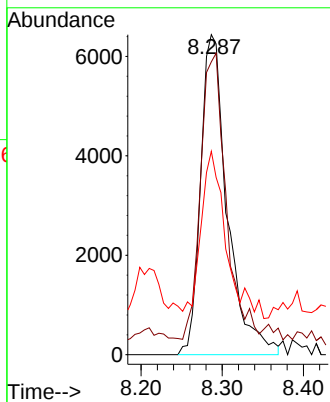
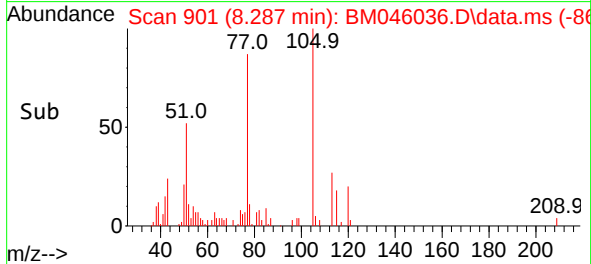
Instrument :
BNA_M
ClientSampleId :
A4BJ8



Tgt Ion:105 Resp: 14715
Ion Ratio Lower Upper
105 100
77 91.5 84.7 127.1
51 63.5 39.4 59.0

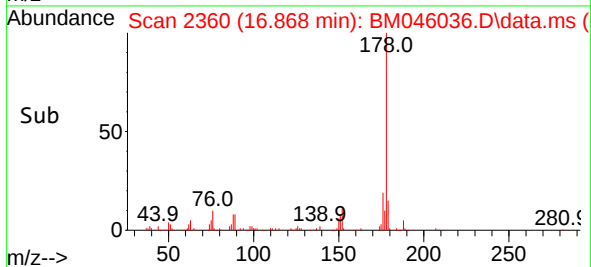
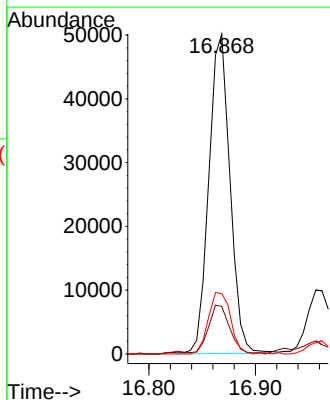
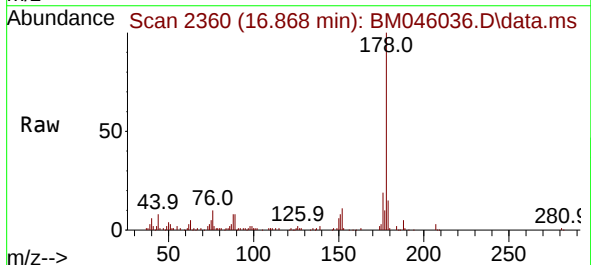
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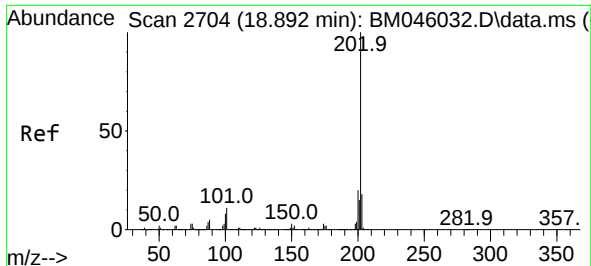
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024



#72
Phenanthrene
Concen: 1.975 ng/ul
RT: 16.868 min Scan# 2360
Delta R.T. -0.000 min
Lab File: BM046036.D
Acq: 14 Jun 2024 13:03

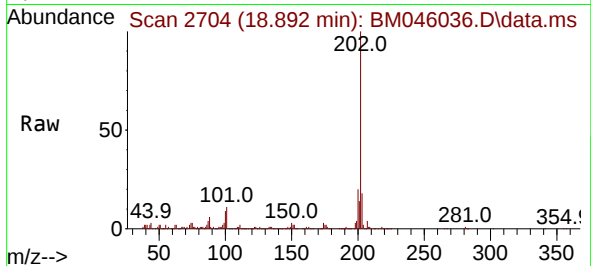
Tgt Ion:178 Resp: 69124
Ion Ratio Lower Upper
178 100
179 14.9 12.4 18.6
176 18.9 15.3 22.9





#80
Fluoranthene
Concen: 3.741 ng/ul
RT: 18.892 min Scan# 2704
Delta R.T. -0.000 min
Lab File: BM046036.D
Acq: 14 Jun 2024 13:03

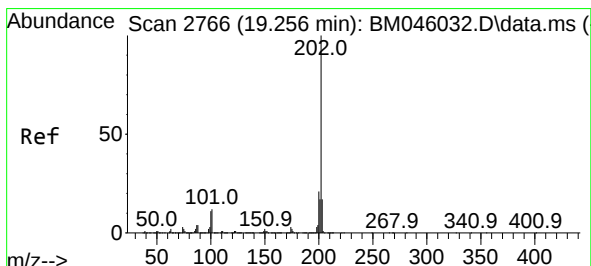
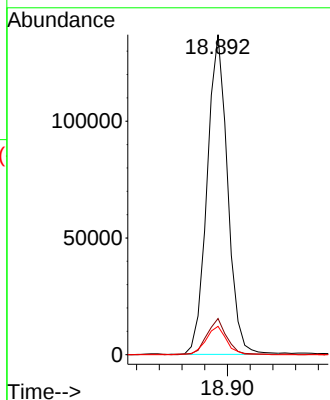
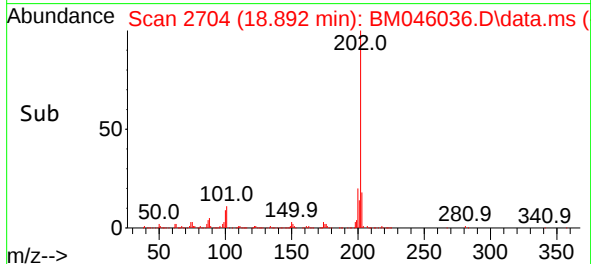
Instrument :
BNA_M
ClientSampleId :
A4BJ8



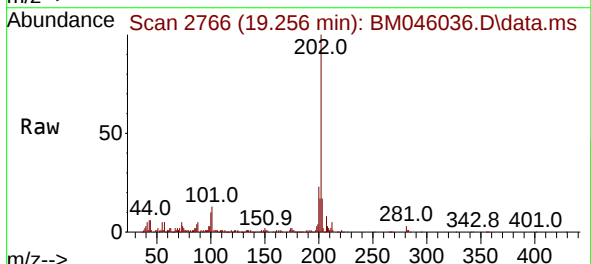
Tgt Ion:202 Resp: 17117
Ion Ratio Lower Upper
202 100
101 11.3 8.9 13.3
100 8.8 6.6 10.0

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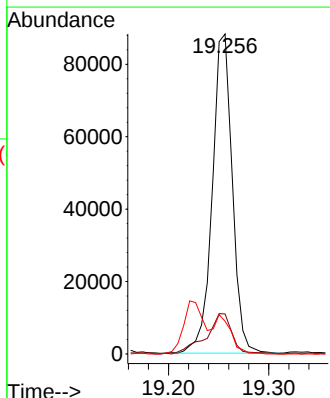
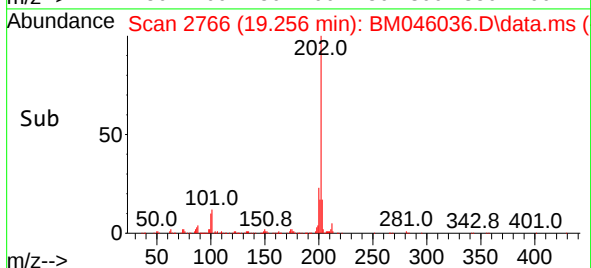
Reviewed By :Jagrut Upadhyay 06/17/2024
Supervised By :mohammad ahmed 06/18/2024

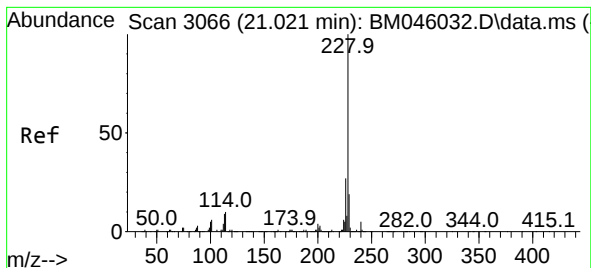


#82
Pyrene
Concen: 2.594 ng/ul
RT: 19.256 min Scan# 2766
Delta R.T. -0.000 min
Lab File: BM046036.D
Acq: 14 Jun 2024 13:03



Tgt Ion:202 Resp: 121964
Ion Ratio Lower Upper
202 100
101 12.5 10.5 15.7
100 10.2 8.6 12.8





#85

Benzo(a)anthracene

Concen: 2.065 ng/ul

RT: 21.021 min Scan# 3066

Delta R.T. -0.006 min

Lab File: BM046036.D

Acq: 14 Jun 2024 13:03

Instrument :

BNA_M

ClientSampleId :

A4BJ8

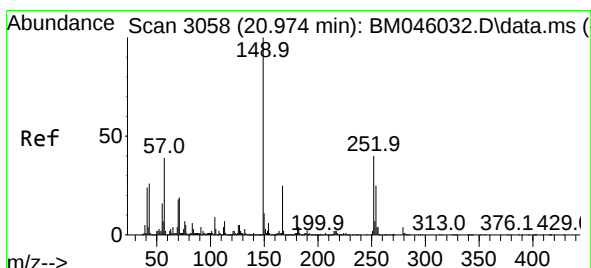
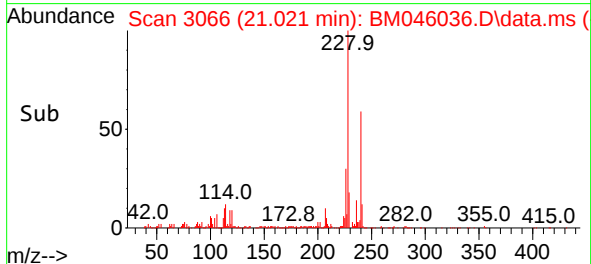
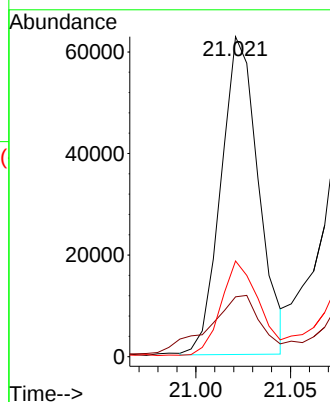
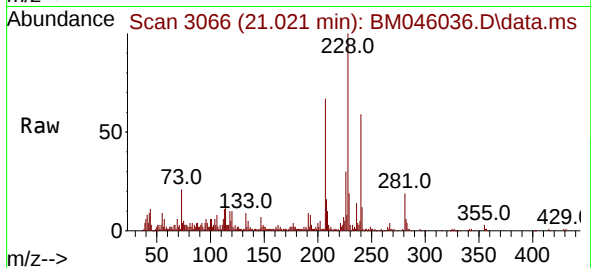
Tgt Ion:228 Resp: 8653

Ion	Ratio	Lower	Upper
228	100		
229	18.7	15.8	23.8
226	29.9	21.4	32.0

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#86

Bis(2-ethylhexyl)phthalate

Concen: 1.178 ng/ul

RT: 20.974 min Scan# 3058

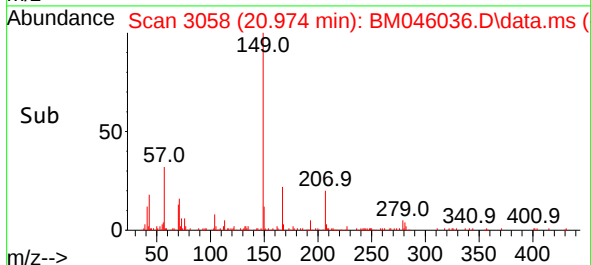
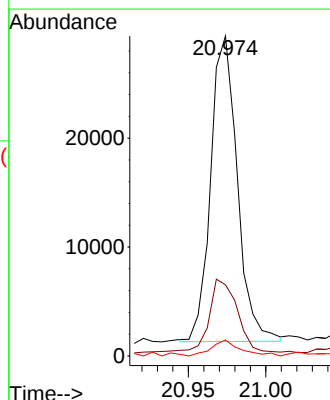
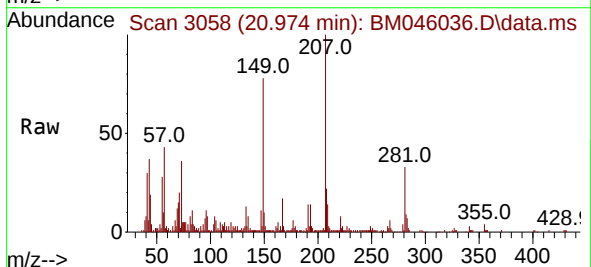
Delta R.T. -0.006 min

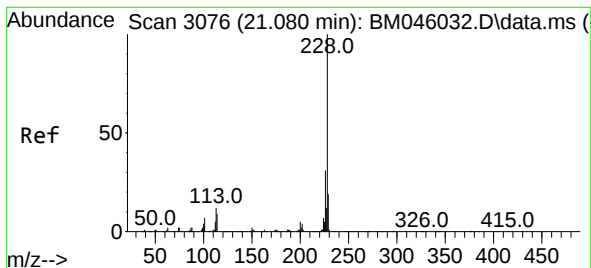
Lab File: BM046036.D

Acq: 14 Jun 2024 13:03

Tgt Ion:149 Resp: 33545

Ion	Ratio	Lower	Upper
149	100		
167	22.2	20.4	30.6
279	5.0	3.1	4.7





#87

Chrysene

Concen: 2.262 ng/ul

RT: 21.080 min Scan# 3076

Delta R.T. -0.006 min

Lab File: BM046036.D

Acq: 14 Jun 2024 13:03

Instrument :

BNA_M

ClientSampleId :

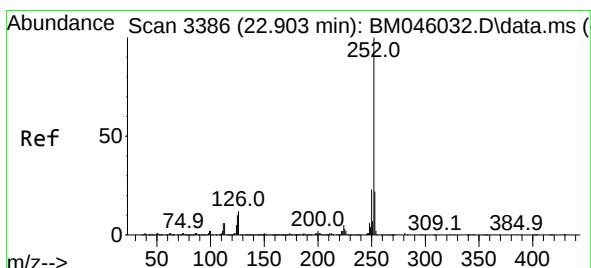
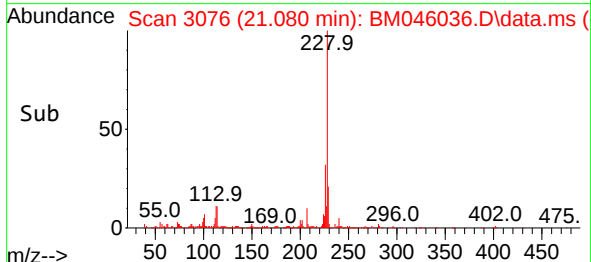
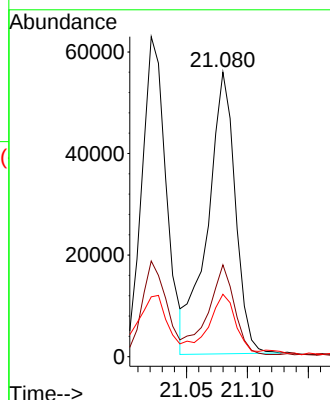
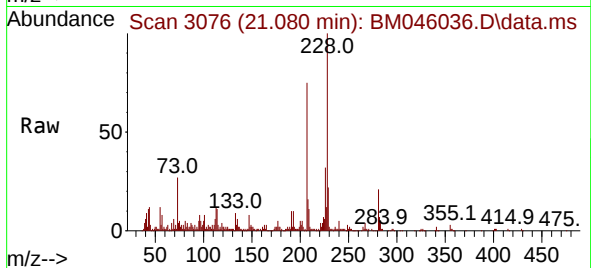
A4BJ8

Tgt Ion:	228	Resp:	87678
Ion Ratio	Lower	Upper	
228	100		
226	32.3	24.2	36.2
229	21.9	15.2	22.8

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#90

Benzo(b)fluoranthene

Concen: 2.539 ng/ul

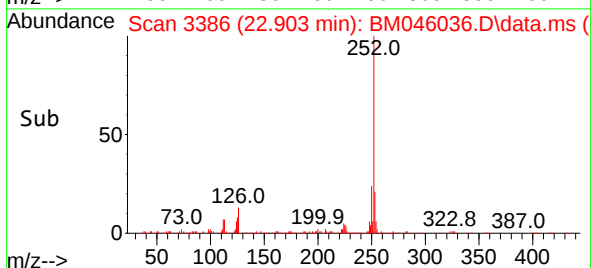
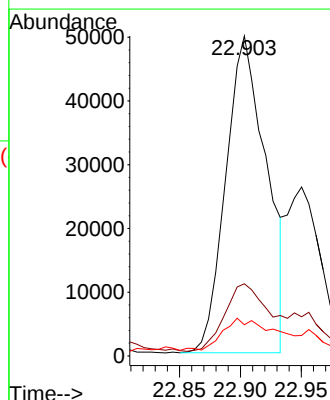
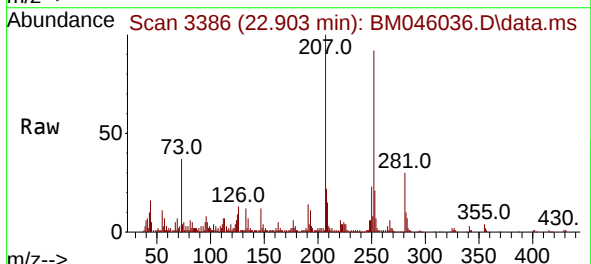
RT: 22.903 min Scan# 3386

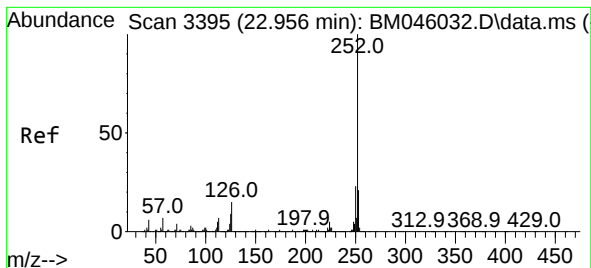
Delta R.T. -0.000 min

Lab File: BM046036.D

Acq: 14 Jun 2024 13:03

Tgt Ion:	252	Resp:	115112
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.6
125	9.8	8.4	12.6





#91

Benzo(k)fluoranthene

Concen: 1.169 ng/ul m

RT: 22.950 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM046036.D

Acq: 14 Jun 2024 13:03

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BNA_M

ClientSampleId :

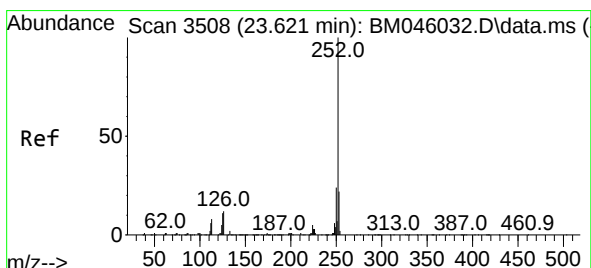
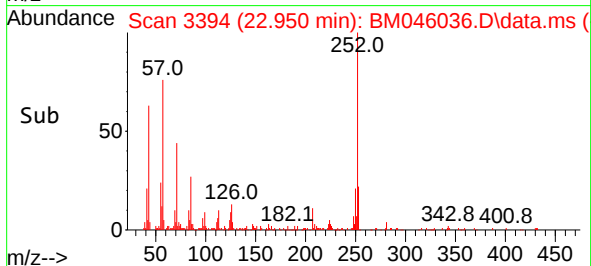
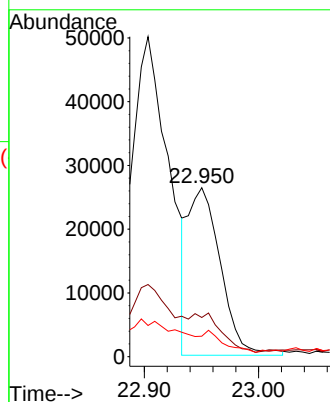
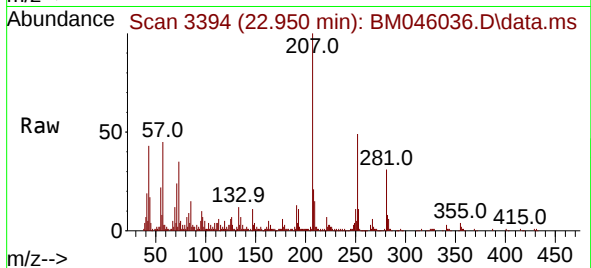
A4BJ8

Tgt Ion:252 Resp: 51774
 Ion Ratio Lower Upper
 252 100
 253 23.2 16.8 25.2
 125 12.2 8.2 12.4

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#93

Benzo(a)pyrene

Concen: 1.143 ng/ul

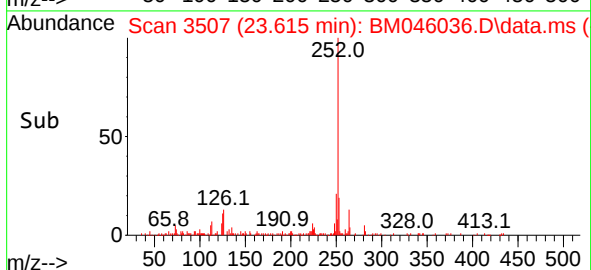
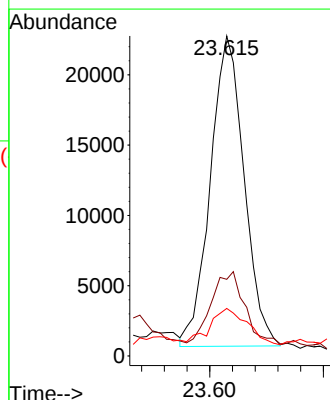
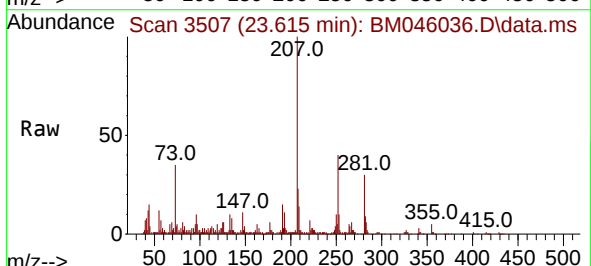
RT: 23.615 min Scan# 3507

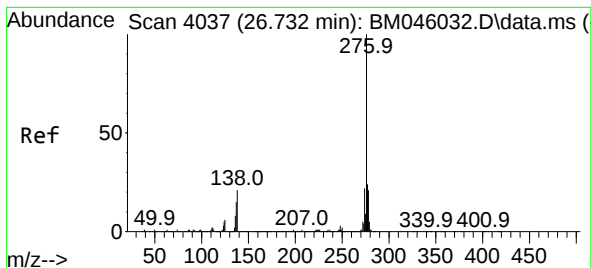
Delta R.T. -0.006 min

Lab File: BM046036.D

Acq: 14 Jun 2024 13:03

Tgt Ion:252 Resp: 45526
 Ion Ratio Lower Upper
 252 100
 253 24.0 17.5 26.3
 125 14.8 9.3 13.9#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.026 ng/ul

RT: 26.732 min Scan# 4037

Delta R.T. 0.006 min

Lab File: BM046036.D

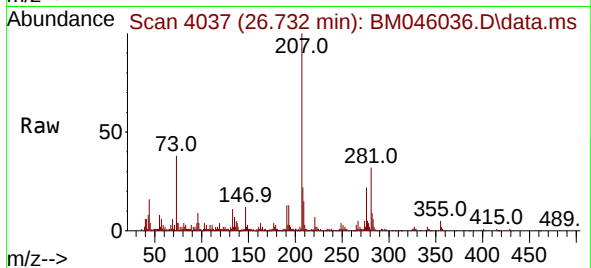
Acq: 14 Jun 2024 13:03

Instrument :

BNA_M

ClientSampleId :

A4BJ8



Tgt Ion: 276 Resp: 44638

Ion Ratio Lower Upper

276 100

138 18.5 17.9 26.9

277 22.9 19.0 28.6

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