

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061124\
 Data File : BM045988.D
 Acq On : 11 Jun 2024 22:56
 Operator : MA/JU
 Sample : P2642-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B35

Manual Integrations
 APPROVED

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

Quant Time: Jun 11 23:34:39 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	115125	20.000	ng/u1	0.00
20) Naphthalene-d8	10.204	136	516407	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.080	164	341033	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	756732	20.000	ng/u1	0.00
79) Chrysene-d12	21.039	240	839681	20.000	ng/u1	0.00
88) Perylene-d12	23.744	264	919935	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	14231	4.793	ng/uL	0.00
4) Pyridine-d5	3.463	84	81639	10.678	ng/u1	0.01
7) Phenol-d5	6.692	99	325025	33.233	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67	233506	33.249	ng/u1	0.00
11) 2-Chlorophenol-d4	6.998	132	247886	33.931	ng/u1	0.00
15) 4-Methylphenol-d8	8.204	113	257431	34.840	ng/u1	0.00
21) Nitrobenzene-d5	8.604	128	127704	31.629	ng/u1	0.00
24) 2-Nitrophenol-d4	9.316	143	134392	32.888	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.863	165	253152	33.036	ng/u1	0.00
31) 4-Chloroaniline-d4	10.392	131	298856	28.179	ng/u1	0.00
46) Dimethylphthalate-d6	13.533	166	822736	34.847	ng/u1	0.00
49) Acenaphthylene-d8	13.774	160	941882	34.355	ng/u1	0.00
54) 4-Nitrophenol-d4	14.380	143	131230	25.755	ng/u1	0.00
60) Fluorene-d10	15.086	176	720325	35.763	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.227	200	93286	24.141	ng/u1	0.00
73) Anthracene-d10	16.927	188	1133447	34.454	ng/u1	0.00
81) Pyrene-d10	19.227	212	1449499	27.758	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	1233869	28.698	ng/u1	0.00
Target Compounds					Qvalue	
18) 4-Methylphenol	8.263	108	24864	3.235	ng/u1	89
72) Phenanthrene	16.868	178	130937	3.284	ng/u1	98
80) Fluoranthene	18.892	202	300351	4.745	ng/u1	98
82) Pyrene	19.256	202	243936	3.750	ng/u1	99
85) Benzo(a)anthracene	21.021	228	151464	2.612	ng/u1	97
87) Chrysene	21.080	228	160947	3.001	ng/u1	97
90) Benzo(b)fluoranthene	22.897	252	203434	3.598	ng/u1	97
91) Benzo(k)fluoranthene	22.950	252	73036m	1.323	ng/u1	
93) Benzo(a)pyrene	23.615	252	94337	1.899	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	26.715	276	69821	1.287	ng/u1	98

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

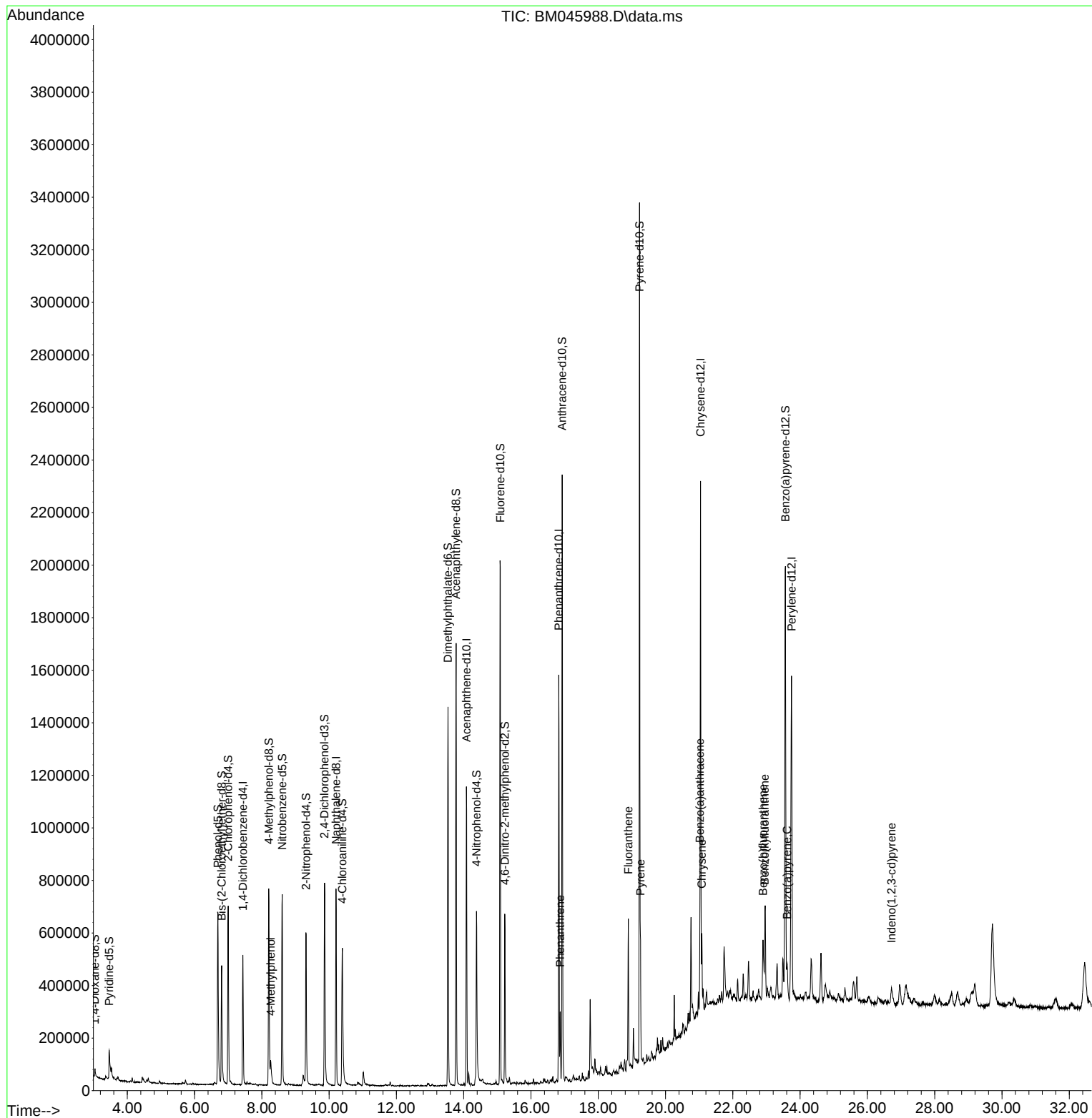
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061124\
 Data File : BM045988.D
 Acq On : 11 Jun 2024 22:56
 Operator : MA/JU
 Sample : P2642-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

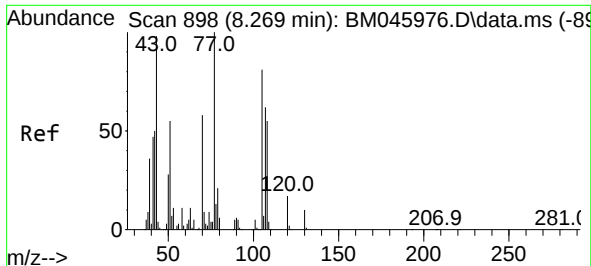
Instrument :
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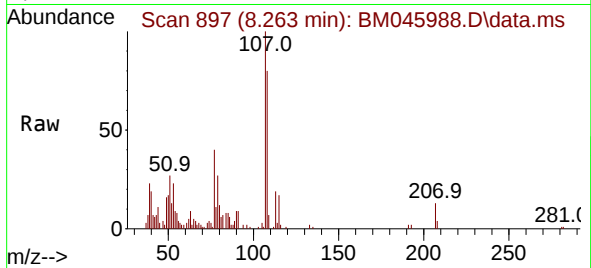
Quant Time: Jun 11 23:34:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 16:01:34 2024
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#18
4-Methylphenol
Concen: 3.235 ng/ul
RT: 8.263 min Scan# 897
Delta R.T. -0.006 min
Lab File: BM045988.D
Acq: 11 Jun 2024 22:56

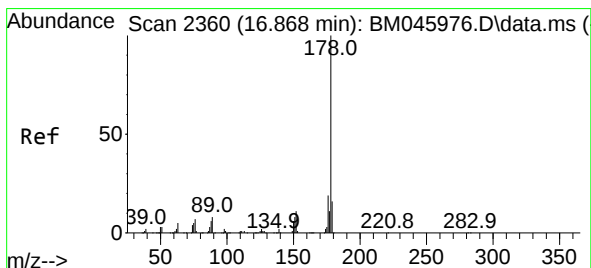
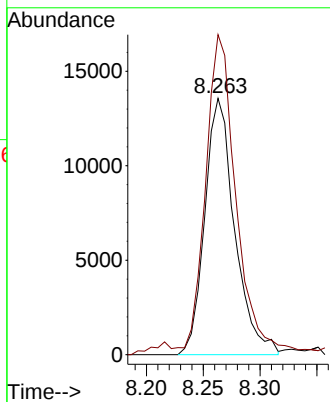
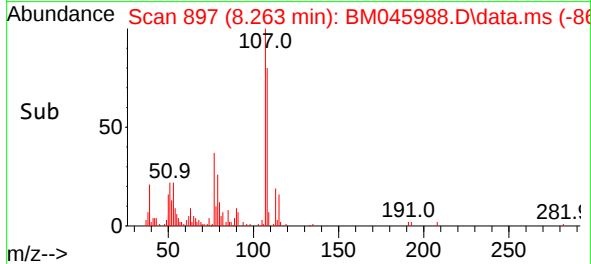
Instrument :
BNA_M
ClientSampleId :
A4B35



Tgt Ion:108 Resp: 24864
Ion Ratio Lower Upper
108 100
107 124.8 90.6 136.0

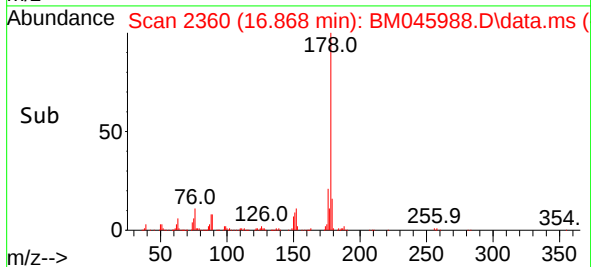
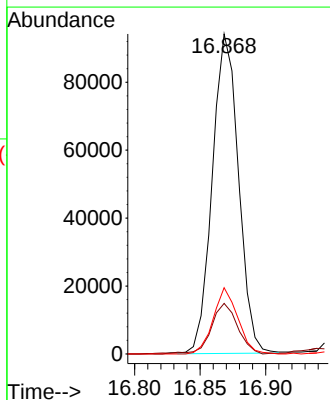
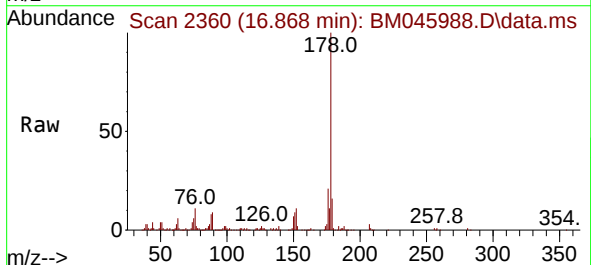
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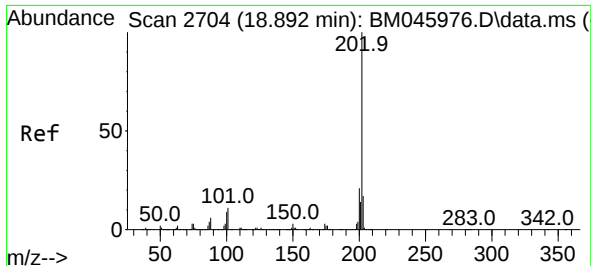
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/13/2024



#72
Phenanthrene
Concen: 3.284 ng/ul
RT: 16.868 min Scan# 2360
Delta R.T. -0.000 min
Lab File: BM045988.D
Acq: 11 Jun 2024 22:56

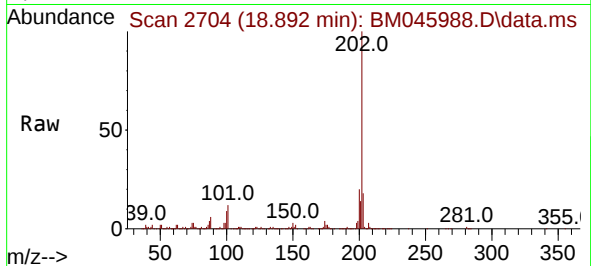
Tgt Ion:178 Resp: 130937
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 20.7 15.3 22.9





#80
Fluoranthene
Concen: 4.745 ng/u1
RT: 18.892 min Scan# 2704
Delta R.T. -0.000 min
Lab File: BM045988.D
Acq: 11 Jun 2024 22:56

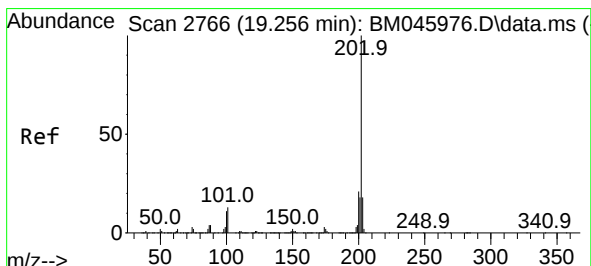
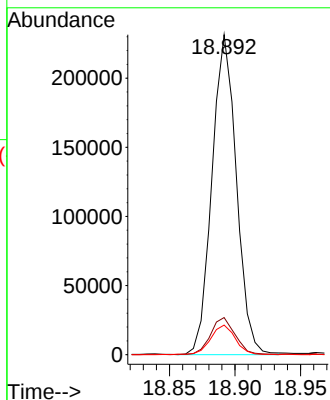
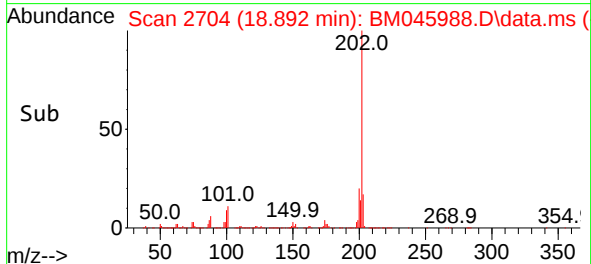
Instrument :
BNA_M
ClientSampleId :
A4B35



Tgt Ion:202 Resp: 30035
Ion Ratio Lower Upper
202 100
101 11.6 8.9 13.3
100 9.2 6.6 10.0

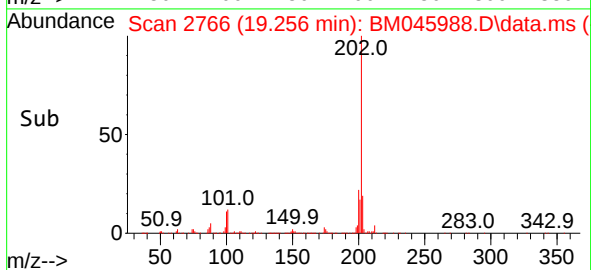
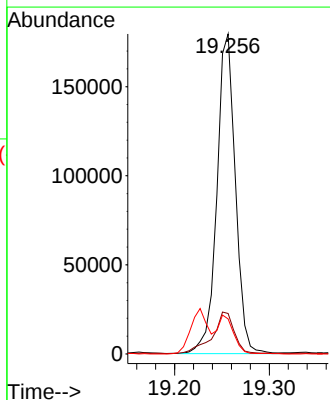
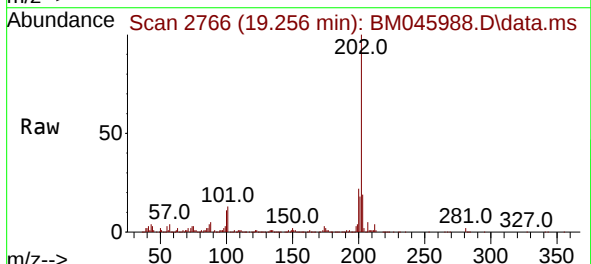
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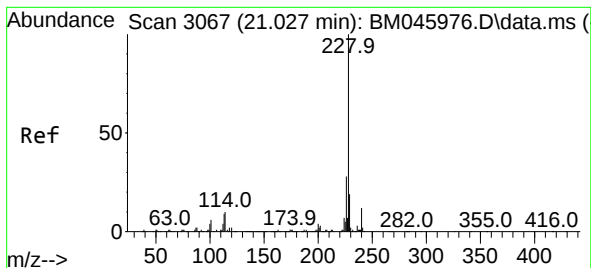
Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/13/2024



#82
Pyrene
Concen: 3.750 ng/u1
RT: 19.256 min Scan# 2766
Delta R.T. -0.000 min
Lab File: BM045988.D
Acq: 11 Jun 2024 22:56

Tgt Ion:202 Resp: 243936
Ion Ratio Lower Upper
202 100
101 12.6 10.5 15.7
100 11.0 8.6 12.8





#85

Benzo(a)anthracene

Concen: 2.612 ng/ul

RT: 21.021 min Scan# 3066

Delta R.T. -0.006 min

Lab File: BM045988.D

Acq: 11 Jun 2024 22:56

Instrument :

BNA_M

ClientSampleId :

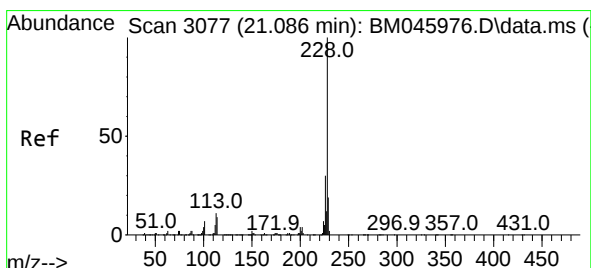
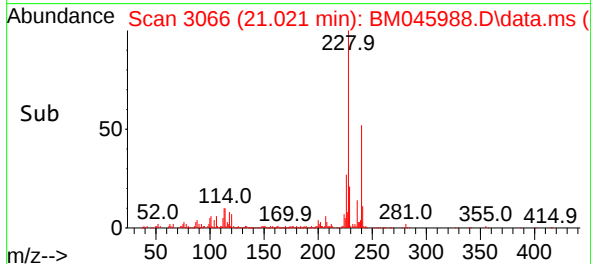
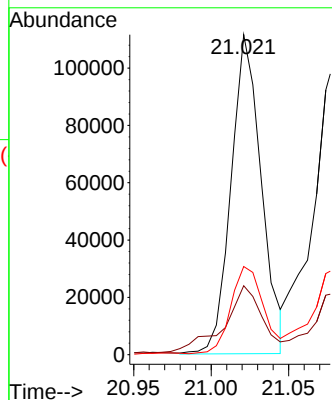
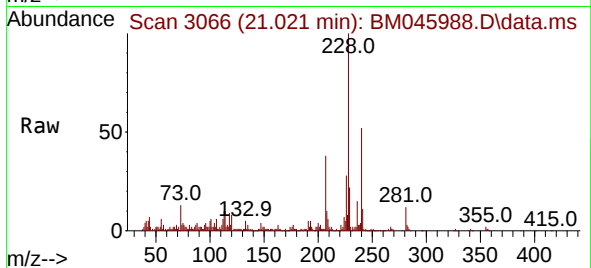
A4B35

Tgt Ion:228 Resp: 151464
 Ion Ratio Lower Upper
 228 100
 229 21.6 15.8 23.8
 226 27.5 21.4 32.0

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#87

Chrysene

Concen: 3.001 ng/ul

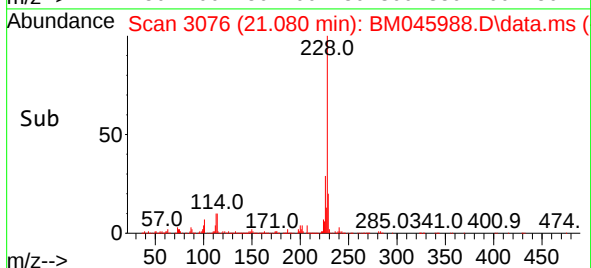
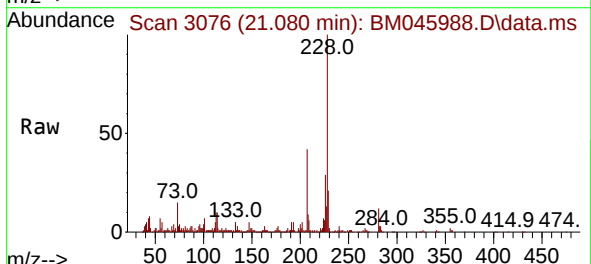
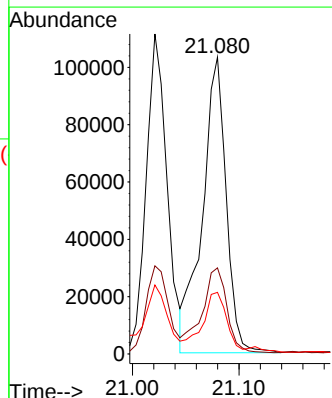
RT: 21.080 min Scan# 3076

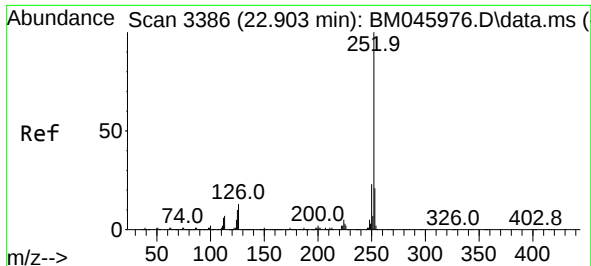
Delta R.T. -0.006 min

Lab File: BM045988.D

Acq: 11 Jun 2024 22:56

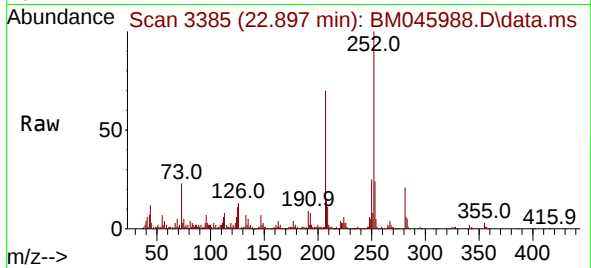
Tgt Ion:228 Resp: 160947
 Ion Ratio Lower Upper
 228 100
 226 29.0 24.2 36.2
 229 20.7 15.2 22.8





#90
Benzo(b)fluoranthene
Concen: 3.598 ng/ul
RT: 22.897 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM045988.D
Acq: 11 Jun 2024 22:56

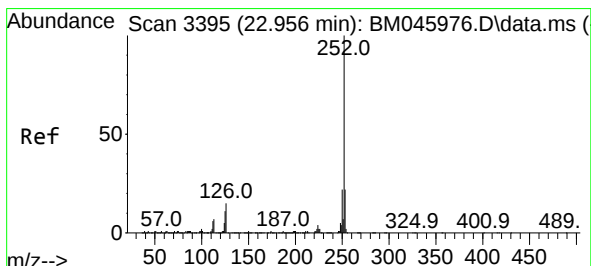
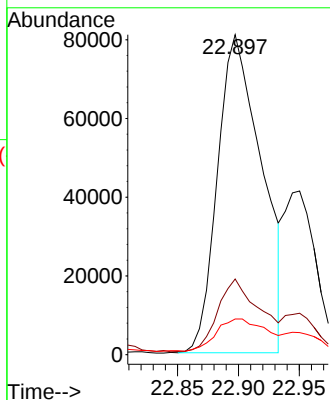
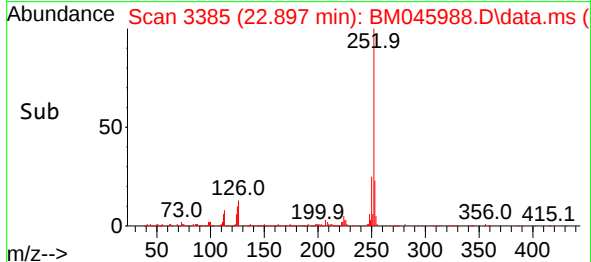
Instrument :
BNA_M
ClientSampleId :
A4B35



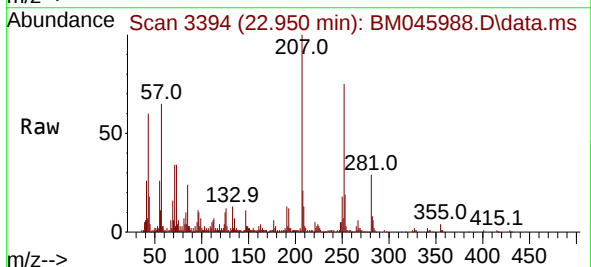
Tgt Ion:252 Resp: 203434
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.6
125 11.2 8.4 12.6

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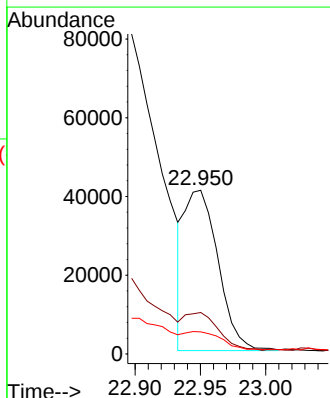
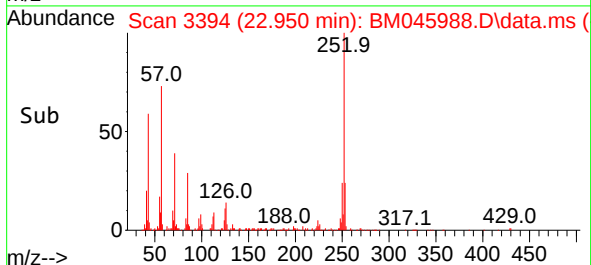
Reviewed By :Jagrut Upadhyay 06/12/2024
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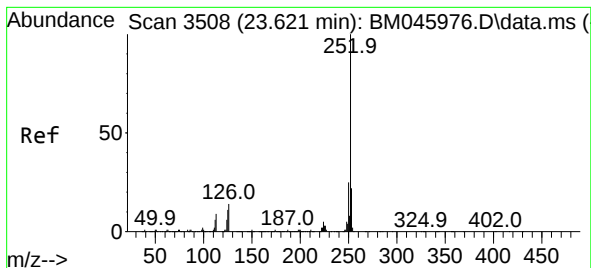


#91
Benzo(k)fluoranthene
Concen: 1.323 ng/ul m
RT: 22.950 min Scan# 3394
Delta R.T. -0.006 min
Lab File: BM045988.D
Acq: 11 Jun 2024 22:56



Tgt Ion:252 Resp: 73036
Ion Ratio Lower Upper
252 100
253 25.4 16.8 25.2#
125 13.5 8.2 12.4#





#93

Benzo(a)pyrene

Concen: 1.899 ng/ul

RT: 23.615 min Scan# 3507

Delta R.T. -0.006 min

Lab File: BM045988.D

Acq: 11 Jun 2024 22:56

Instrument :

BNA_M

ClientSampleId :

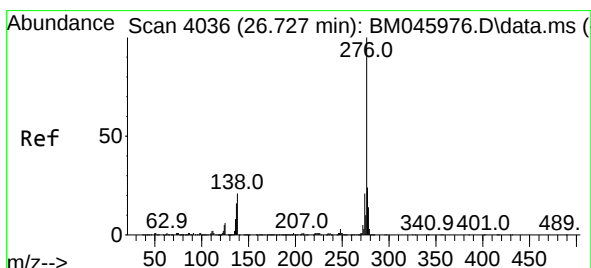
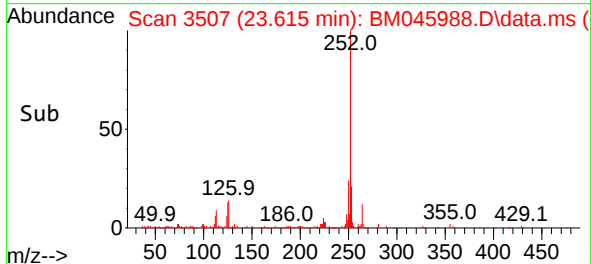
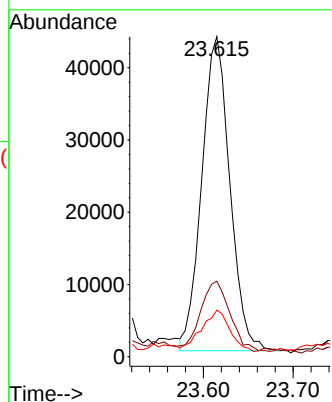
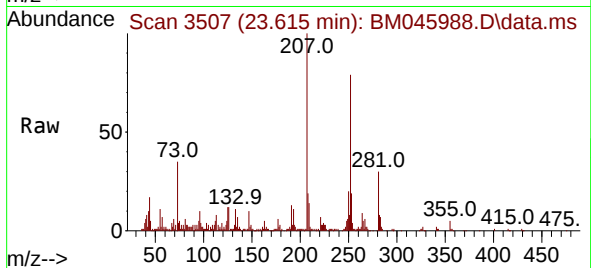
A4B35

Tgt Ion:	252	Resp:	9433
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.5	26.3
125	14.6	9.3	13.9

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.287 ng/ul

RT: 26.715 min Scan# 4034

Delta R.T. -0.012 min

Lab File: BM045988.D

Acq: 11 Jun 2024 22:56

Tgt Ion:	276	Resp:	69821
Ion Ratio	Lower	Upper	
276	100		
138	22.6	17.9	26.9
277	21.8	19.0	28.6

