

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046020.D
 Acq On : 13 Jun 2024 12:40
 Operator : MA/JU
 Sample : P2648-09 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHBZ8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 13 13:43:47 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	78934	20.000	ng/u1	0.00
20) Naphthalene-d8	10.204	136	320674	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.080	164	206032	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	445819	20.000	ng/u1	0.00
79) Chrysene-d12	21.039	240	479961	20.000	ng/u1	0.00
88) Perylene-d12	23.739	264	594878	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.722	99	6036m	0.900	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	6.822	67	3639	0.756	ng/u1	0.02
11) 2-Chlorophenol-d4	7.010	132	5140	1.026	ng/u1	0.01
15) 4-Methylphenol-d8	8.245	113	4791m	0.946	ng/u1	0.04
21) Nitrobenzene-d5	8.634	128	2489m	0.993	ng/u1	0.04
24) 2-Nitrophenol-d4	9.328	143	2027	0.799	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	9.928	165	3694m	0.776	ng/u1	0.06
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.557	166	17626	1.236	ng/u1	0.02
49) Acenaphthylene-d8	13.775	160	19250	1.162	ng/u1	0.00
54) 4-Nitrophenol-d4	14.451	143	1014m	0.329	ng/u1	0.07
60) Fluorene-d10	15.092	176	14391	1.183	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.239	200	1354	0.595	ng/u1	0.02
73) Anthracene-d10	16.927	188	27710m	1.430	ng/u1	0.00
81) Pyrene-d10	19.221	212	27217	0.912	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.550	264	26779	0.963	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	16.868	178	82879	3.528	ng/u1	100
74) Anthracene	16.963	178	23962	1.021	ng/u1	98
80) Fluoranthene	18.892	202	180148	4.979	ng/u1	98
82) Pyrene	19.257	202	132621	3.567	ng/u1	100
85) Benzo(a)anthracene	21.021	228	117639	3.550	ng/u1	94
86) Bis(2-ethylhexyl)phtha...	20.968	149	37548	1.668	ng/u1	95
87) Chrysene	21.074	228	129502	4.224	ng/u1	97
90) Benzo(b)fluoranthene	22.892	252	200774	5.492	ng/u1	100
91) Benzo(k)fluoranthene	22.945	252	62455	1.749	ng/u1	97
93) Benzo(a)pyrene	23.603	252	68599	2.135	ng/u1#	90
94) Indeno(1,2,3-cd)pyrene	26.709	276	75876	2.163	ng/u1	95

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

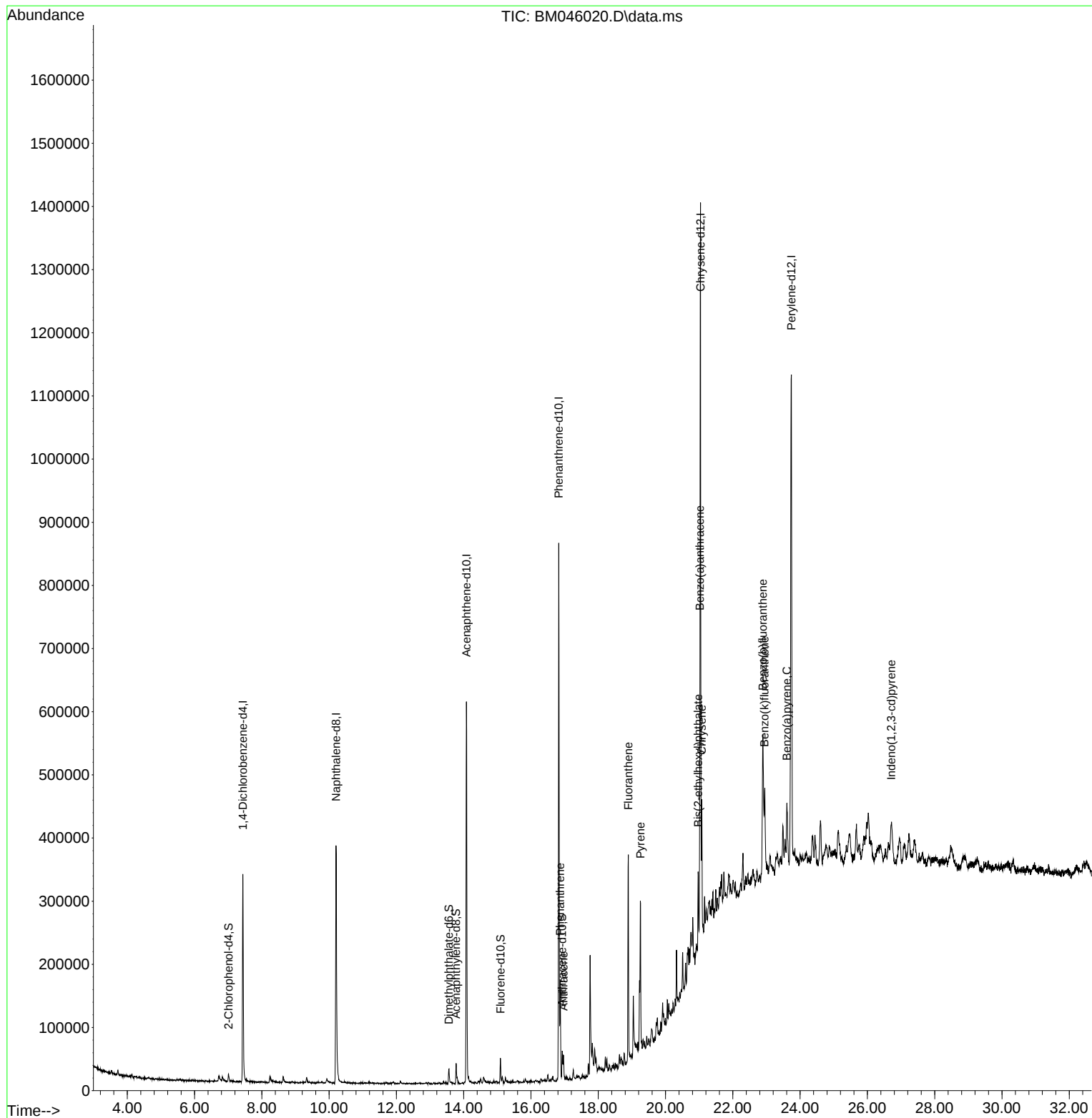
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
Data File : BM046020.D
Acq On : 13 Jun 2024 12:40
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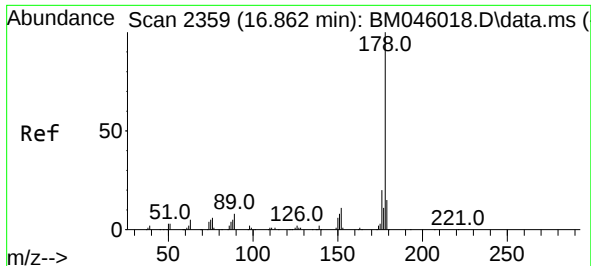
Instrument :
BNA_M
ClientSampleId :
BHBZ8

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Supervised By :mohammad ahmed 06/15/2024

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration





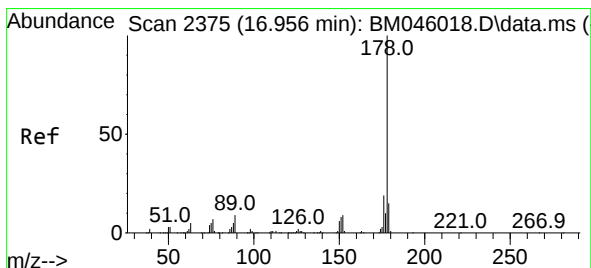
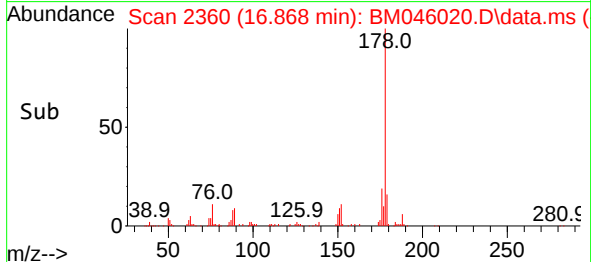
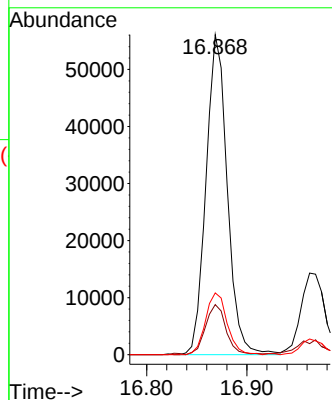
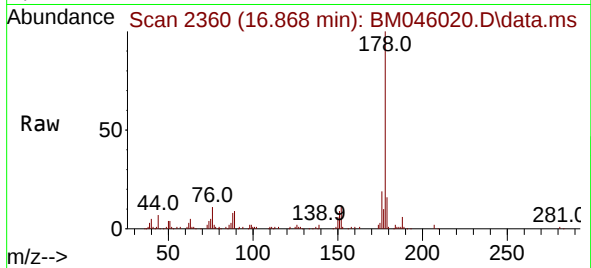
#72
Phenanthrene
Concen: 3.528 ng/ul
RT: 16.868 min Scan# 2359
Delta R.T. 0.000 min
Lab File: BM046020.D
Acq: 13 Jun 2024 12:40

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:178 Resp: 82879
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.3 15.3 22.9

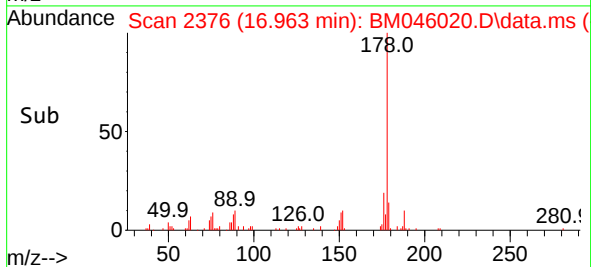
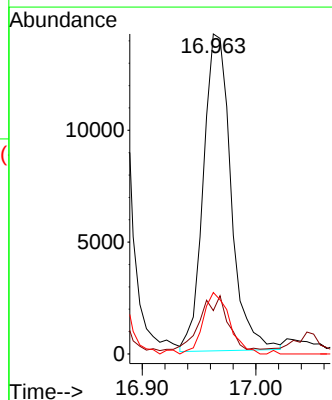
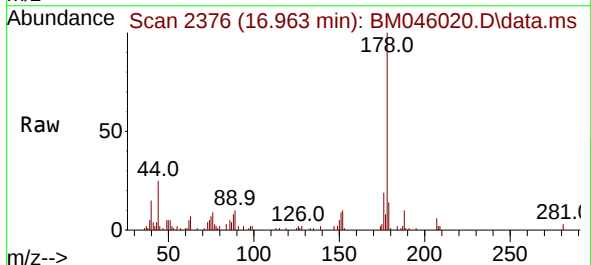
Manual Integrations
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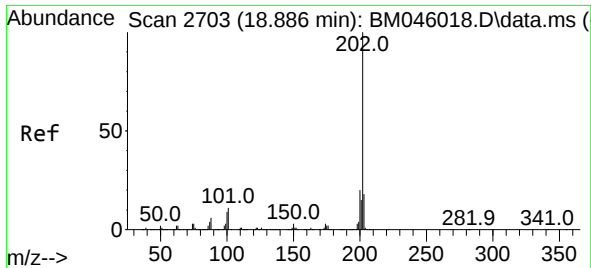
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024



#74
Anthracene
Concen: 1.021 ng/ul
RT: 16.963 min Scan# 2376
Delta R.T. 0.000 min
Lab File: BM046020.D
Acq: 13 Jun 2024 12:40

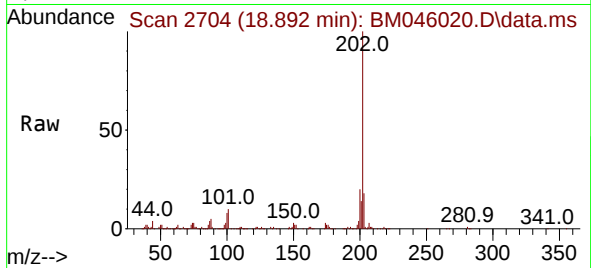
Tgt Ion:178 Resp: 23962
Ion Ratio Lower Upper
178 100
179 13.6 12.0 18.0
176 19.2 15.0 22.6





#80
Fluoranthene
Concen: 4.979 ng/ul
RT: 18.892 min Scan# 2704
Delta R.T. 0.000 min
Lab File: BM046020.D
Acq: 13 Jun 2024 12:40

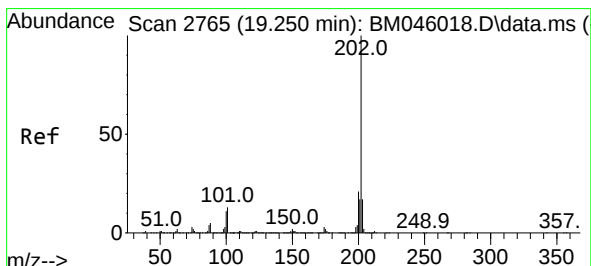
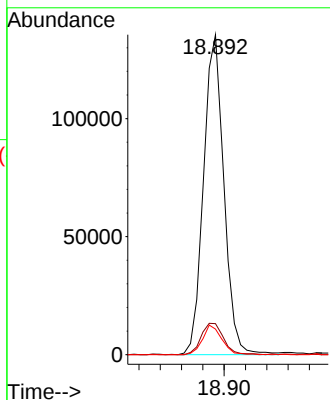
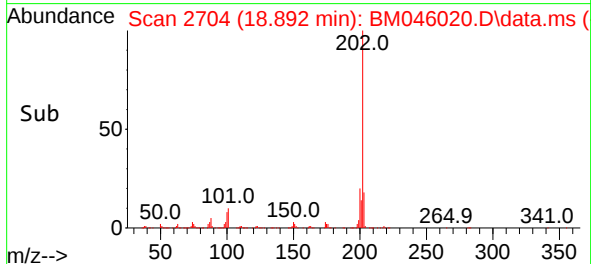
Instrument :
BNA_M
ClientSampleId :
BHBZ8



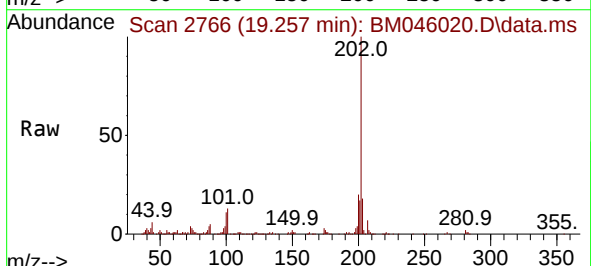
Tgt Ion:202 Resp: 180148
Ion Ratio Lower Upper
202 100
101 9.7 8.9 13.3
100 8.0 6.6 10.0

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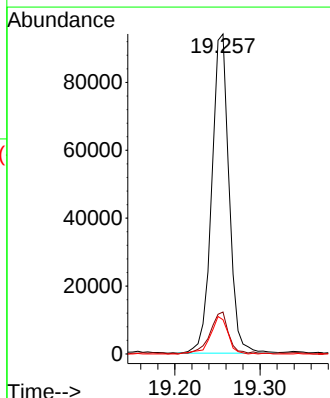
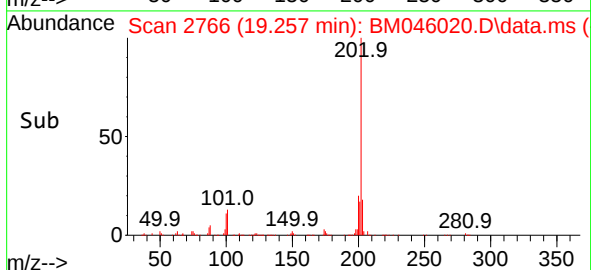
Reviewed By :Jagrut Upadhyay 06/13/2024
Supervised By :mohammad ahmed 06/15/2024

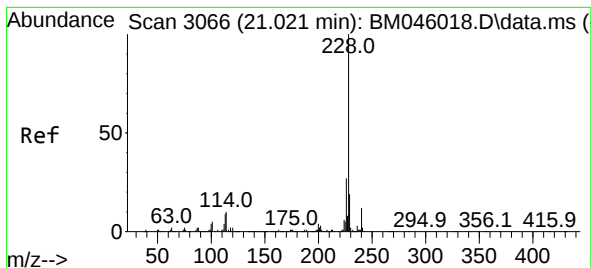


#82
Pyrene
Concen: 3.567 ng/ul
RT: 19.257 min Scan# 2766
Delta R.T. 0.000 min
Lab File: BM046020.D
Acq: 13 Jun 2024 12:40



Tgt Ion:202 Resp: 132621
Ion Ratio Lower Upper
202 100
101 13.1 10.5 15.7
100 10.7 8.6 12.8





#85

Benzo(a)anthracene

Concen: 3.550 ng/ul

RT: 21.021 min Scan# 3066

Delta R.T. -0.006 min

Lab File: BM046020.D

Acq: 13 Jun 2024 12:40

Instrument :

BNA_M

ClientSampleId :

BHBZ8

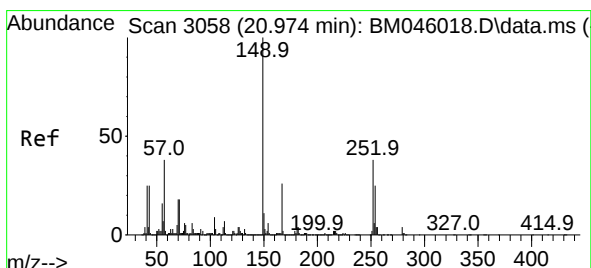
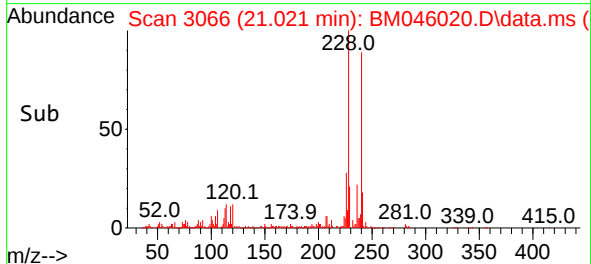
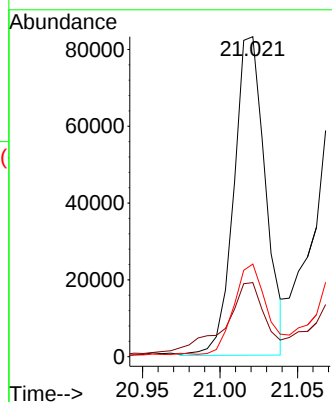
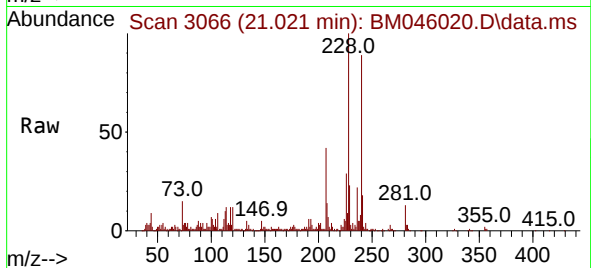
Tgt Ion:228 Resp: 117639

Ion	Ratio	Lower	Upper
228	100		
229	23.2	15.8	23.8
226	28.9	21.4	32.0

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#86

Bis(2-ethylhexyl)phthalate

Concen: 1.668 ng/ul

RT: 20.968 min Scan# 3057

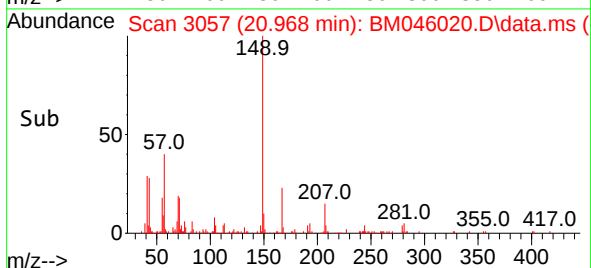
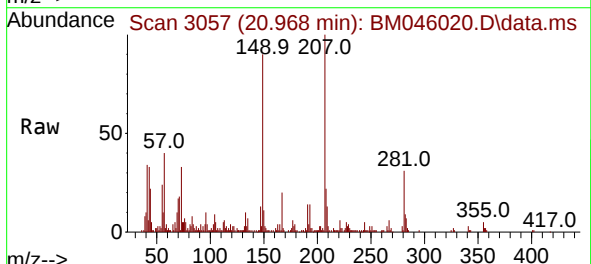
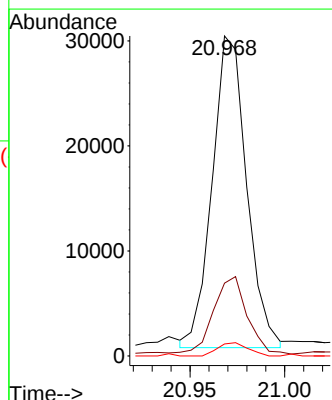
Delta R.T. -0.012 min

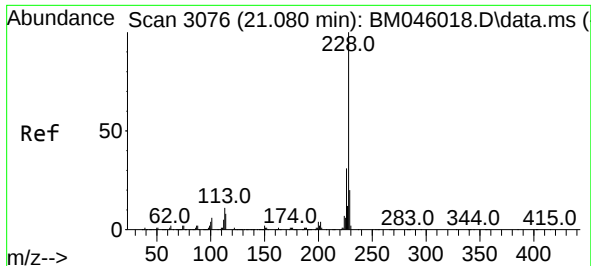
Lab File: BM046020.D

Acq: 13 Jun 2024 12:40

Tgt Ion:149 Resp: 37548

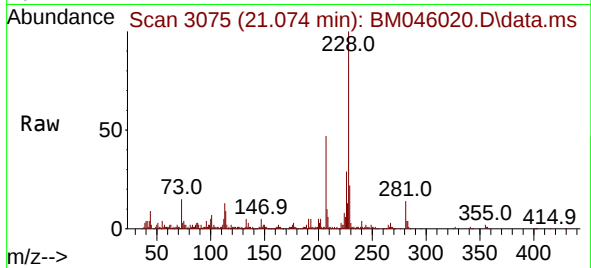
Ion	Ratio	Lower	Upper
149	100		
167	22.8	20.4	30.6
279	3.8	3.1	4.7





#87
Chrysene
Concen: 4.224 ng/ul
RT: 21.074 min Scan# 3076
Delta R.T. -0.012 min
Lab File: BM046020.D
Acq: 13 Jun 2024 12:40

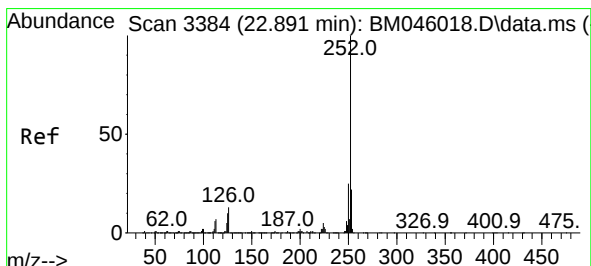
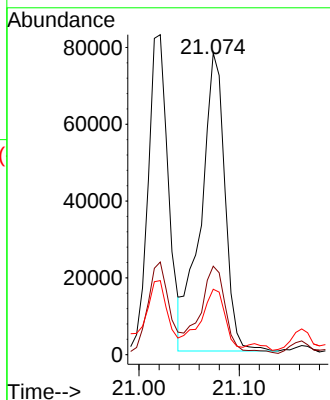
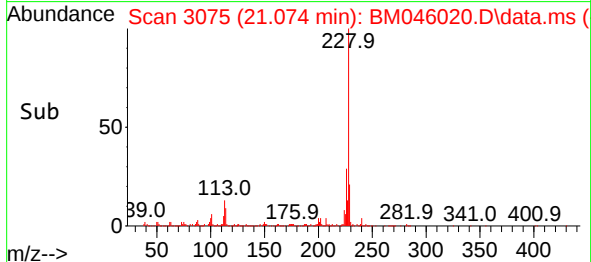
Instrument :
BNA_M
ClientSampleId :
BHBZ8



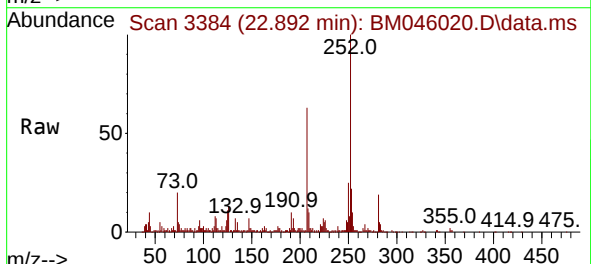
Tgt Ion:228 Resp: 129502
Ion Ratio Lower Upper
228 100
226 29.4 24.2 36.2
229 21.7 15.2 22.8

Manual Integrations
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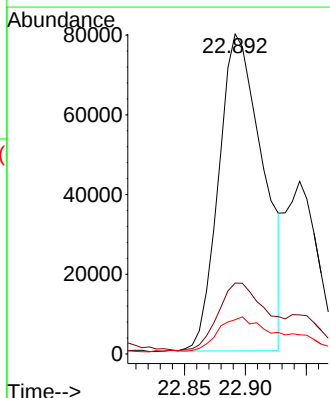
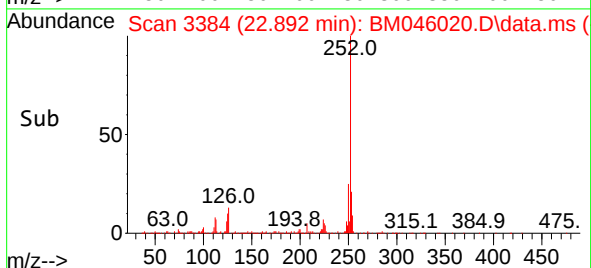
Reviewed By :Jagrut Upadhyay 06/13/2024
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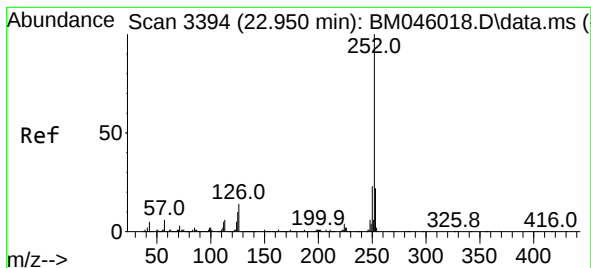


#90
Benzo(b)fluoranthene
Concen: 5.492 ng/ul
RT: 22.892 min Scan# 3384
Delta R.T. -0.012 min
Lab File: BM046020.D
Acq: 13 Jun 2024 12:40



Tgt Ion:252 Resp: 200774
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.7 8.4 12.6





#91

Benzo(k)fluoranthene

Concen: 1.749 ng/ul

RT: 22.945 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM046020.D

Acq: 13 Jun 2024 12:40

Instrument :

BNA_M

ClientSampleId :

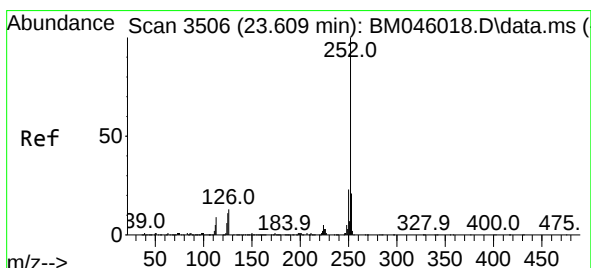
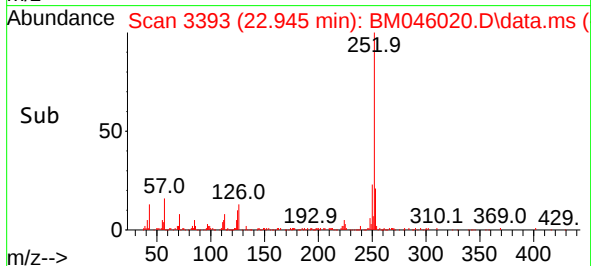
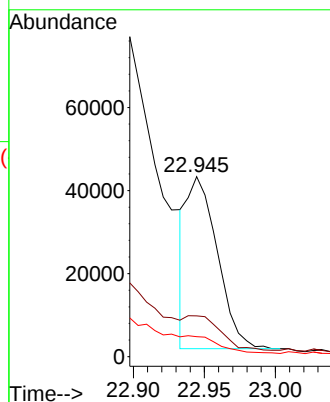
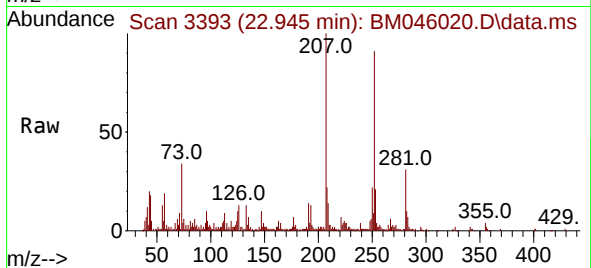
BHBZ8

Tgt Ion:252 Resp: 6245
 Ion Ratio Lower Upper
 252 100
 253 22.6 16.8 25.2
 125 11.1 8.2 12.4

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.135 ng/ul

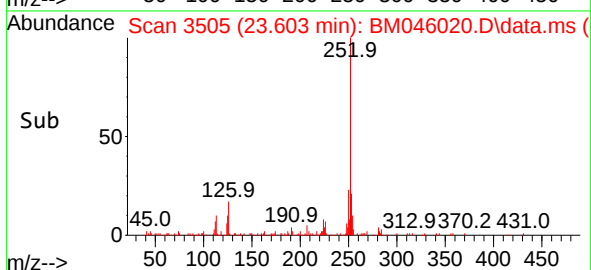
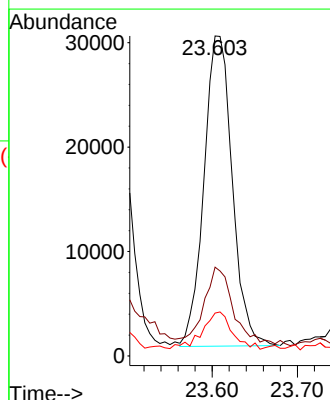
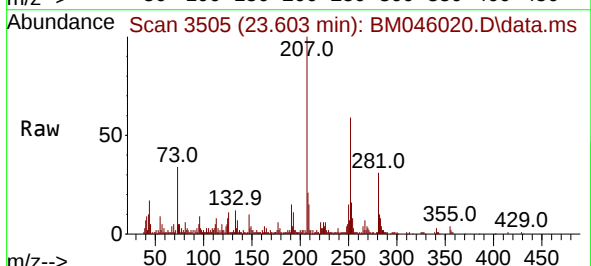
RT: 23.603 min Scan# 3505

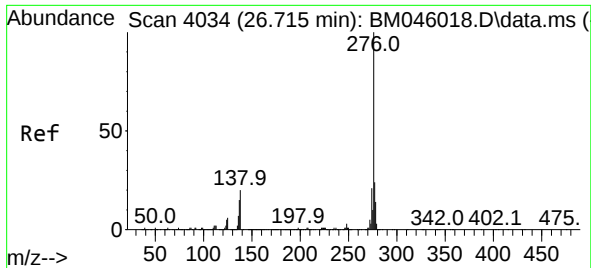
Delta R.T. -0.018 min

Lab File: BM046020.D

Acq: 13 Jun 2024 12:40

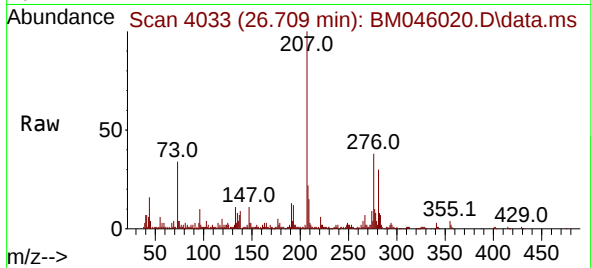
Tgt Ion:252 Resp: 68599
 Ion Ratio Lower Upper
 252 100
 253 27.7 17.5 26.3#
 125 13.4 9.3 13.9





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.163 ng/ul
 RT: 26.709 min Scan# 4033
 Delta R.T. -0.018 min
 Lab File: BM046020.D
 Acq: 13 Jun 2024 12:40

Instrument :
 BNA_M
 ClientSampleId :
 BHBZ8



Tgt Ion: 276 Resp: 75870
 Ion Ratio Lower Upper
 276 100
 138 23.7 17.9 26.9
 277 27.8 19.0 28.6

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