

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
 Data File : BM036564.D
 Acq On : 16 Sep 2022 15:58
 Operator : CG/JU
 Sample : N4601-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5750

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
 Supervised By :mohammad ahmed 09/19/2022

Quant Time: Sep 16 23:00:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 16 02:39:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	294212	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	1316164	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	852466	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1785823	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	1832748	20.000	ng/u1	0.00
88) Perylene-d12	23.997	264	1897338	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	21231	2.705	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.169	99	389433	14.812	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	257352	16.118	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	315802	16.683	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	295780	15.225	ng/u1	0.00
21) Nitrobenzene-d5	9.187	128	149329	16.763	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	136642	17.124	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	288866	15.621	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	292554	9.515	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	993227	17.275	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	1140537	16.724	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	98924	8.871	ng/u1	0.00
60) Fluorene-d10	15.639	176	910966	17.681	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	77776	11.008	ng/u1	0.00
73) Anthracene-d10	17.486	188	1391146	17.037	ng/u1	0.00
81) Pyrene-d10	19.762	212	1740442	19.303	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	1758388	18.969	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.374	152	105524	1.353	ng/u1	99
72) Phenanthrene	17.427	178	141769	1.441	ng/u1	99
80) Fluoranthene	19.433	202	688675	6.233	ng/u1	98
82) Pyrene	19.792	202	720054	6.157	ng/u1	99
85) Benzo(a)anthracene	21.539	228	505576	4.403	ng/u1	96
87) Chrysene	21.586	228	537768	4.934	ng/u1	98
90) Benzo(b)fluoranthene	23.250	252	1144629	9.513	ng/u1	100
91) Benzo(k)fluoranthene	23.297	252	341070m	2.837	ng/u1	
93) Benzo(a)pyrene	23.891	252	491763	4.649	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.538	276	365669	2.960	ng/u1	96
96) Benzo(g,h,i)perylene	27.321	276	271529	2.536	ng/u1	99

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

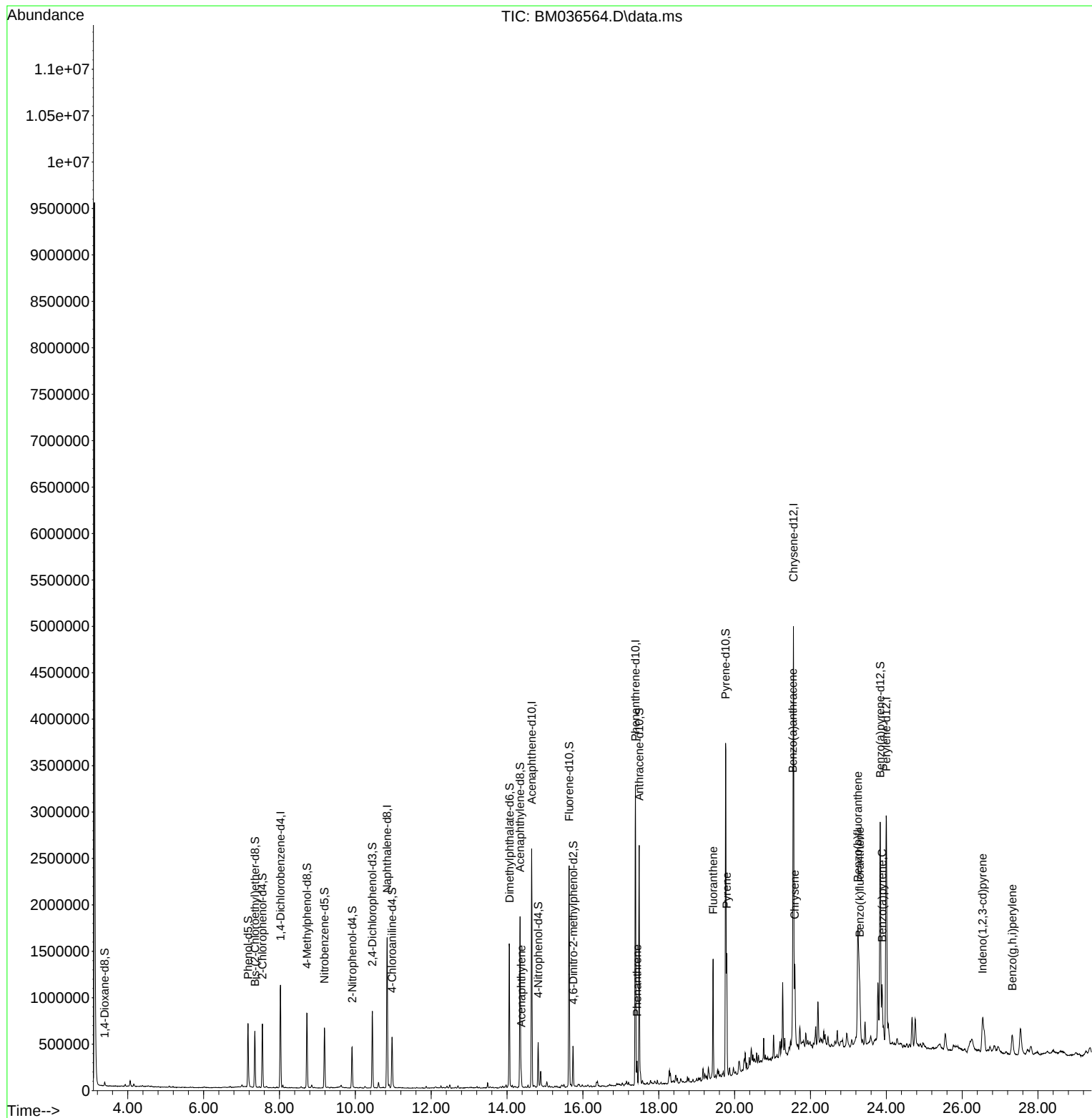
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
Data File : BM036564.D
Acq On : 16 Sep 2022 15:58
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Sample : N4601-09
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ALS Vial : 10 Sample Multiplier: 1

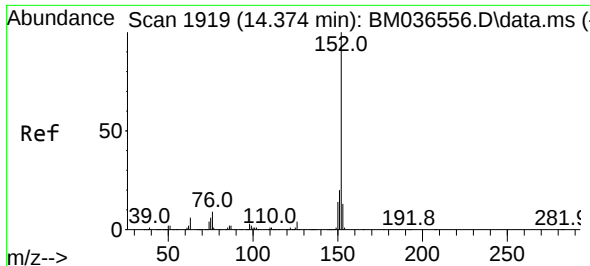
Instrument :
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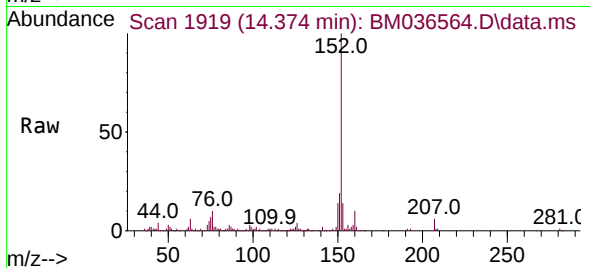
Quant Time: Sep 16 23:00:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.353 ng/ul
RT: 14.374 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM036564.D
Acq: 16 Sep 2022 15:58

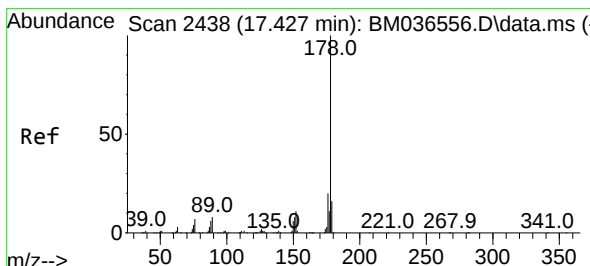
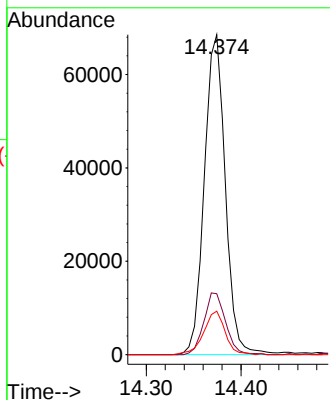
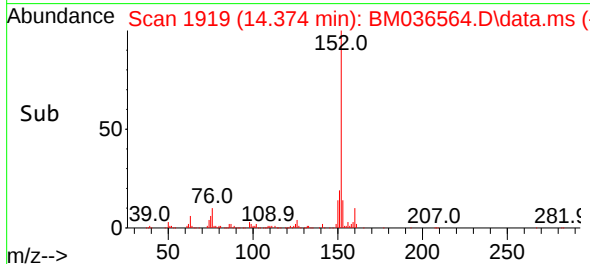
Instrument :
BNA_M
ClientSampleId :
A5750



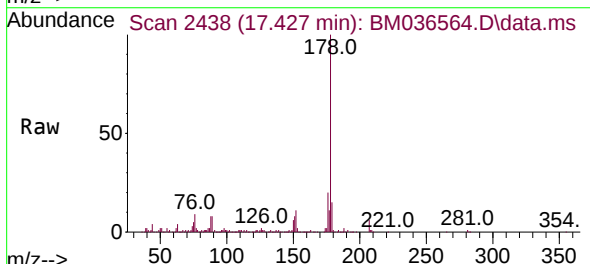
Tgt Ion:152 Resp: 105524
Ion Ratio Lower Upper
152 100
151 19.0 15.7 23.5
153 13.6 10.5 15.7

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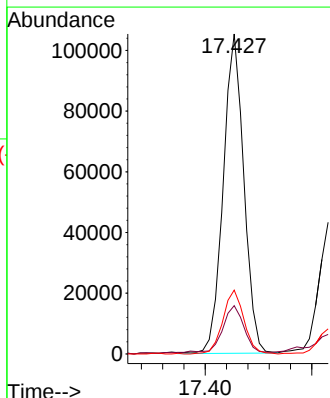
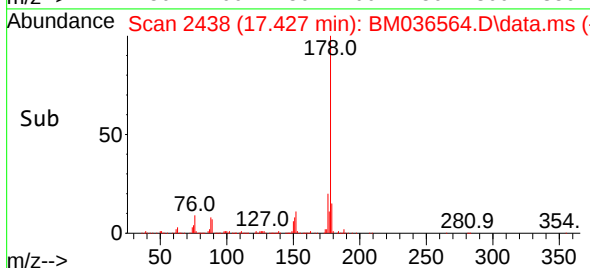
Reviewed By :Jagrut Upadhyay 09/19/2022
Supervised By :mohammad ahmed 09/19/2022

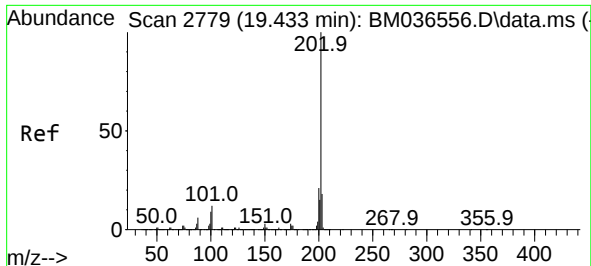


#72
Phenanthrene
Concen: 1.441 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BM036564.D
Acq: 16 Sep 2022 15:58



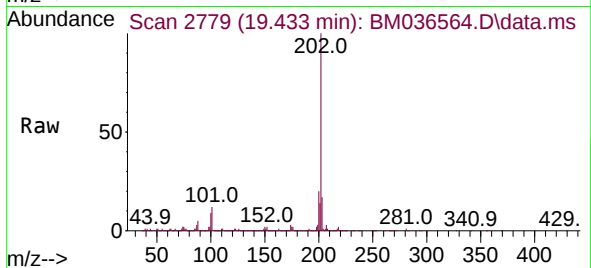
Tgt Ion:178 Resp: 141769
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 19.9 15.7 23.5





#80
Fluoranthene
Concen: 6.233 ng/ul
RT: 19.433 min Scan# 2779
Delta R.T. 0.000 min
Lab File: BM036564.D
Acq: 16 Sep 2022 15:58

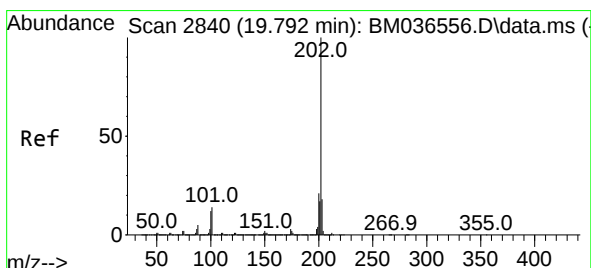
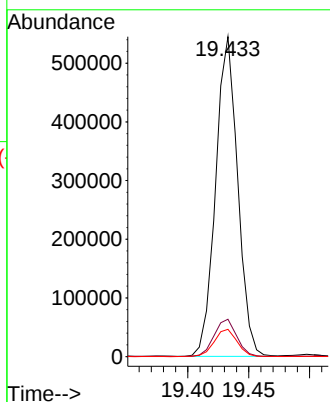
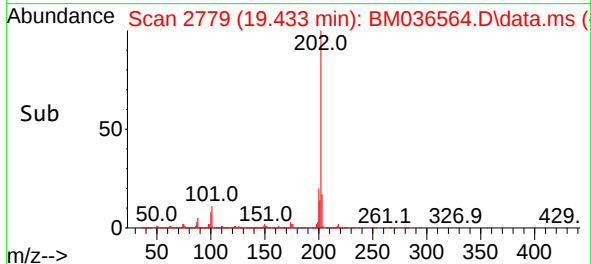
Instrument :
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ClientSampleId :
A5750



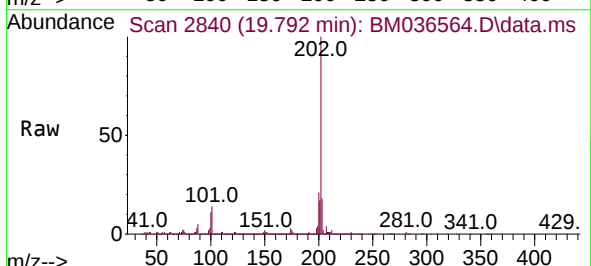
Tgt Ion:202 Resp: 688675
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.6
100 8.5 7.4 11.2

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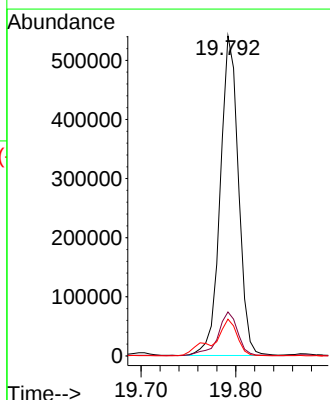
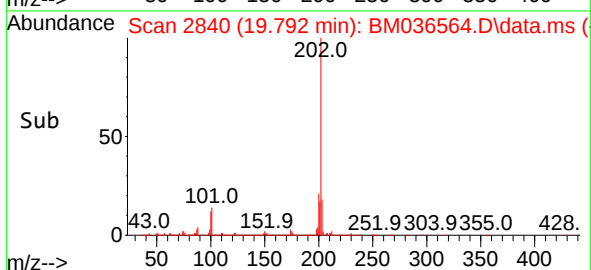
Reviewed By :Jagrut Upadhyay 09/19/2022
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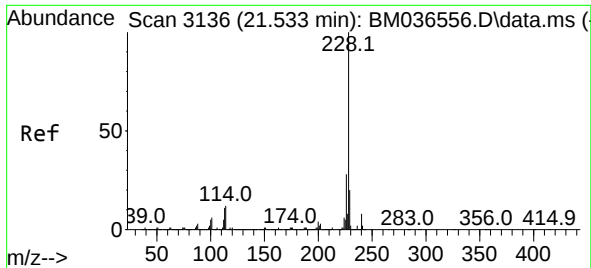


#82
Pyrene
Concen: 6.157 ng/ul
RT: 19.792 min Scan# 2840
Delta R.T. -0.006 min
Lab File: BM036564.D
Acq: 16 Sep 2022 15:58



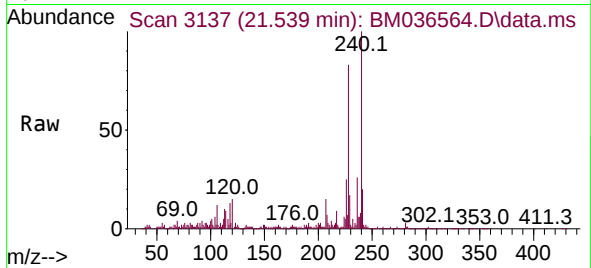
Tgt Ion:202 Resp: 720054
Ion Ratio Lower Upper
202 100
101 13.7 10.9 16.3
100 11.5 8.7 13.1





#85
Benzo(a)anthracene
Concen: 4.403 ng/ul
RT: 21.539 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BM036564.D
Acq: 16 Sep 2022 15:58

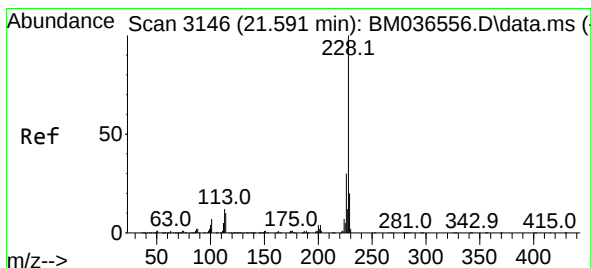
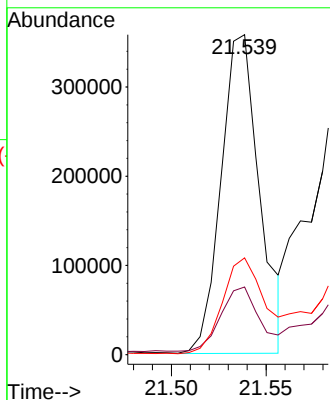
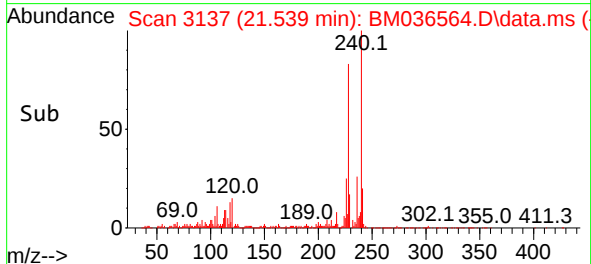
Instrument :
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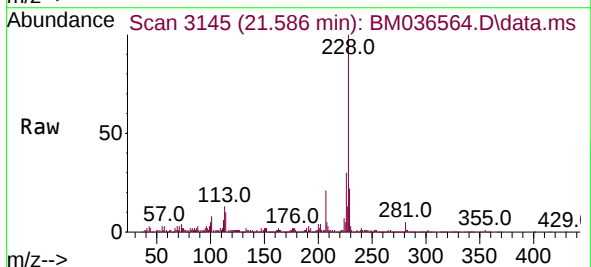
Tgt Ion:228 Resp: 505576
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.8
226 30.2 21.9 32.9

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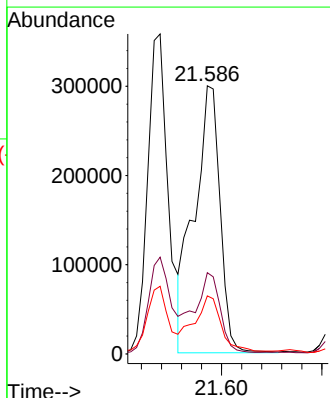
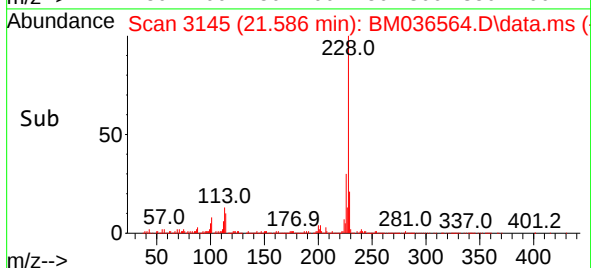
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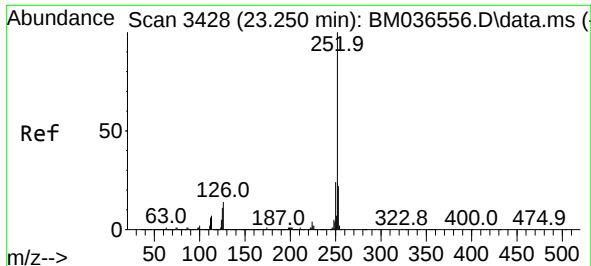


#87
Chrysene
Concen: 4.934 ng/ul
RT: 21.586 min Scan# 3145
Delta R.T. -0.006 min
Lab File: BM036564.D
Acq: 16 Sep 2022 15:58



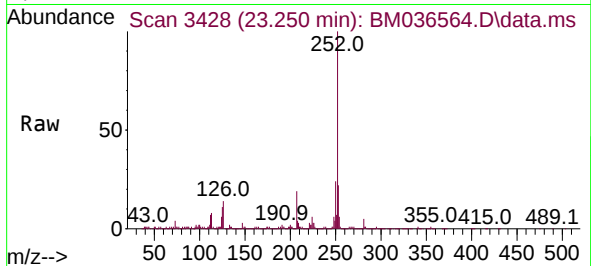
Tgt Ion:228 Resp: 537768
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 21.7 15.6 23.4





#90
Benzo(b)fluoranthene
Concen: 9.513 ng/ul
RT: 23.250 min Scan# 3428
Delta R.T. 0.000 min
Lab File: BM036564.D
Acq: 16 Sep 2022 15:58

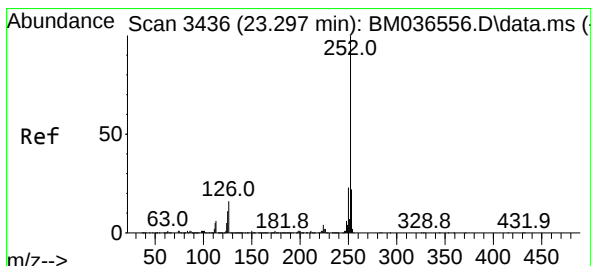
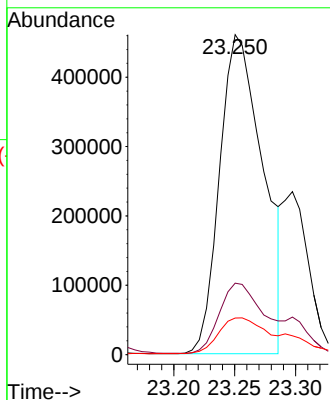
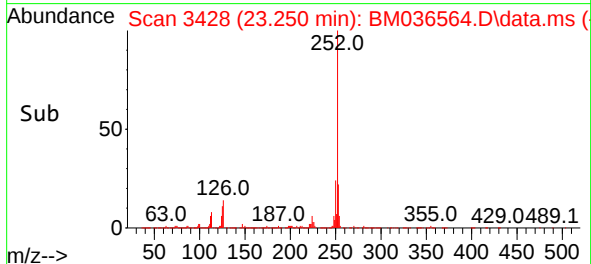
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 1144629
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 11.4 9.1 13.7

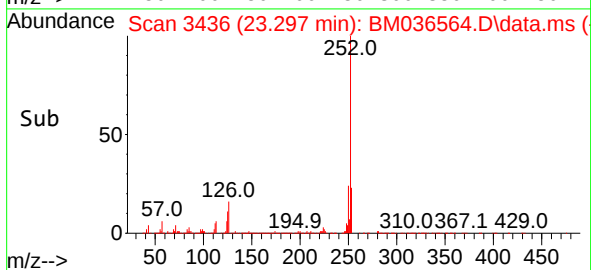
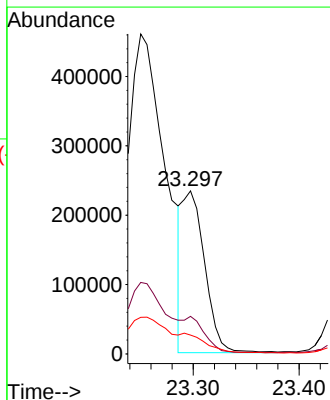
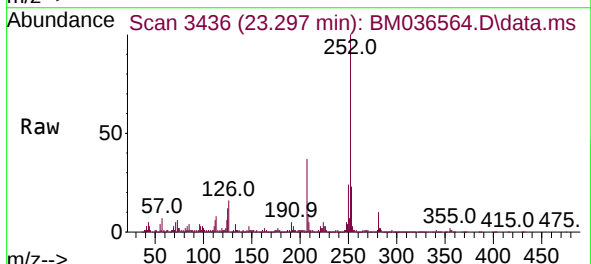
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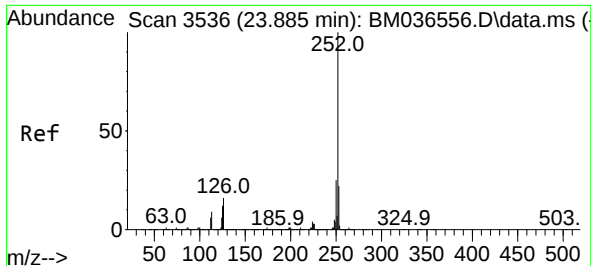
Reviewed By :Jagrut Upadhyay 09/19/2022
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#91
Benzo(k)fluoranthene
Concen: 2.837 ng/ul m
RT: 23.297 min Scan# 3436
Delta R.T. -0.006 min
Lab File: BM036564.D
Acq: 16 Sep 2022 15:58

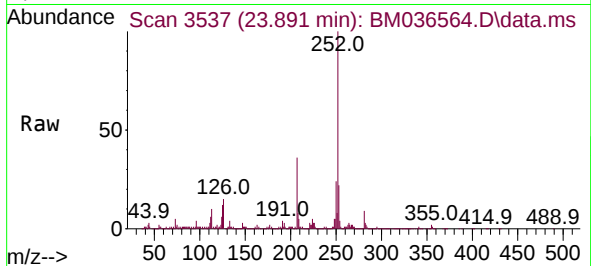
Tgt Ion:252 Resp: 341070
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 11.5 8.2 12.4





#93
Benzo(a)pyrene
Concen: 4.649 ng/ul
RT: 23.891 min Scan# 3536
Delta R.T. 0.000 min
Lab File: BM036564.D
Acq: 16 Sep 2022 15:58

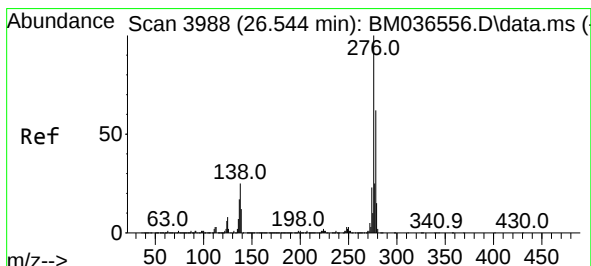
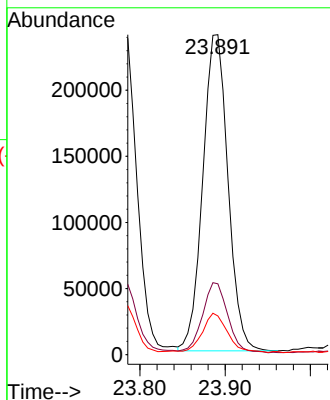
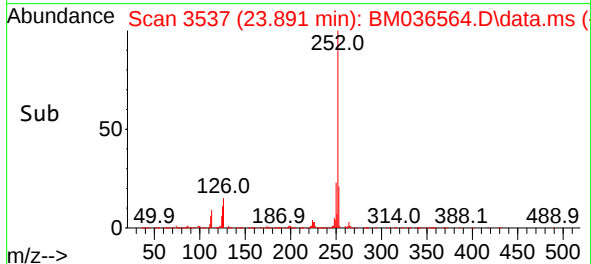
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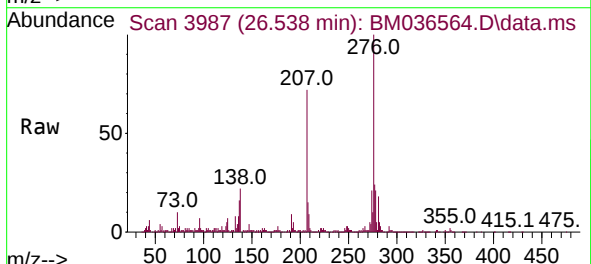
Tgt Ion:252 Resp: 491763
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 12.1 9.5 14.3

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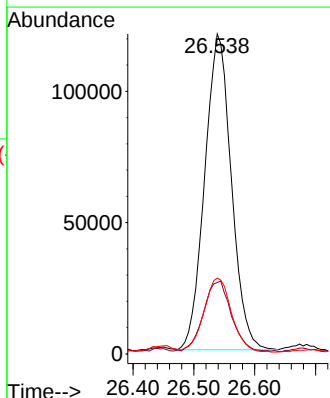
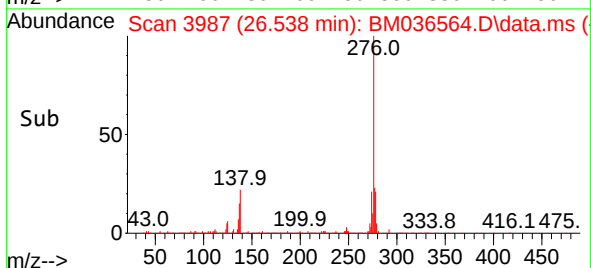
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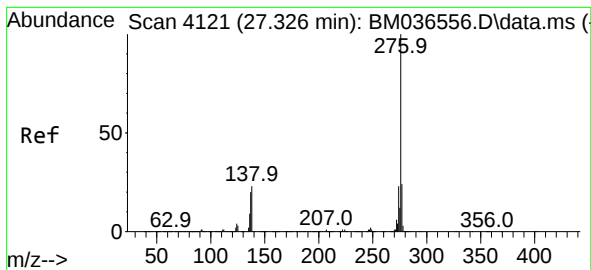


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.960 ng/ul
RT: 26.538 min Scan# 3987
Delta R.T. -0.012 min
Lab File: BM036564.D
Acq: 16 Sep 2022 15:58



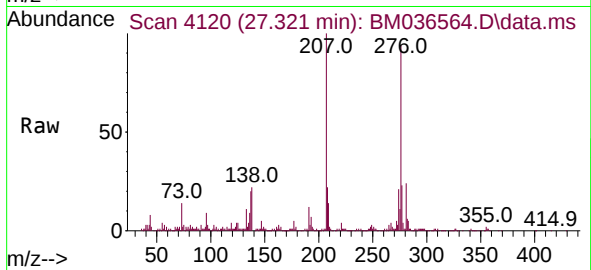
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Ion Ratio Lower Upper
276 100
138 22.3 20.2 30.4
277 23.7 19.7 29.5





#96
 Benzo(g,h,i)perylene
 Concen: 2.536 ng/ul
 RT: 27.321 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BM036564.D
 Acq: 16 Sep 2022 15:58

Instrument :
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Tgt Ion:276 Resp: 271529
 Ion Ratio Lower Upper
 276 100
 138 23.3 18.7 28.1
 277 25.0 19.2 28.8

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