

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
 Data File : BM034806.D
 Acq On : 25 Apr 2022 19:27
 Operator : CG/JU
 Sample : N2475-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0BN8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/26/2022
 Supervised By :Yogesh Patel 04/29/2022

Quant Time: Apr 26 03:31:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 22 16:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	6177	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	16267	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.571	164	9081	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	15605	0.400	ng/ul	0.00
17) Chrysene-d12	21.487	240	9987	0.400	ng/ul #	0.00
23) Perylene-d12	23.881	264	10853	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.382	96	22768	3.333	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	8808	0.385	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	15510	0.492	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.792	128	937	0.020	ng/ul#	91
15) Phenanthrene	17.352	178	3066	0.059	ng/ul	99
16) Anthracene	17.445	178	1258	0.027	ng/ul#	89
19) Fluoranthene	19.364	202	3737	0.078	ng/ul	95
20) Pyrene	19.727	202	3353	0.070	ng/ul#	88
21) Benzo(a)anthracene	21.470	228	1599	0.041	ng/ul#	87
22) Chrysene	21.525	228	1774	0.043	ng/ul#	84
24) Benzo(b)fluoranthene	23.156	252	2217	0.045	ng/ul#	30
25) Benzo(k)fluoranthene	23.197	252	997m	0.020	ng/ul	
26) Benzo(a)pyrene	23.776	252	1623	0.040	ng/ul#	43
27) Indeno(1,2,3-cd)pyrene	26.359	276	1526	0.027	ng/ul#	72
29) Benzo(g,h,i)perylene	27.117	276	1739	0.035	ng/ul#	69

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

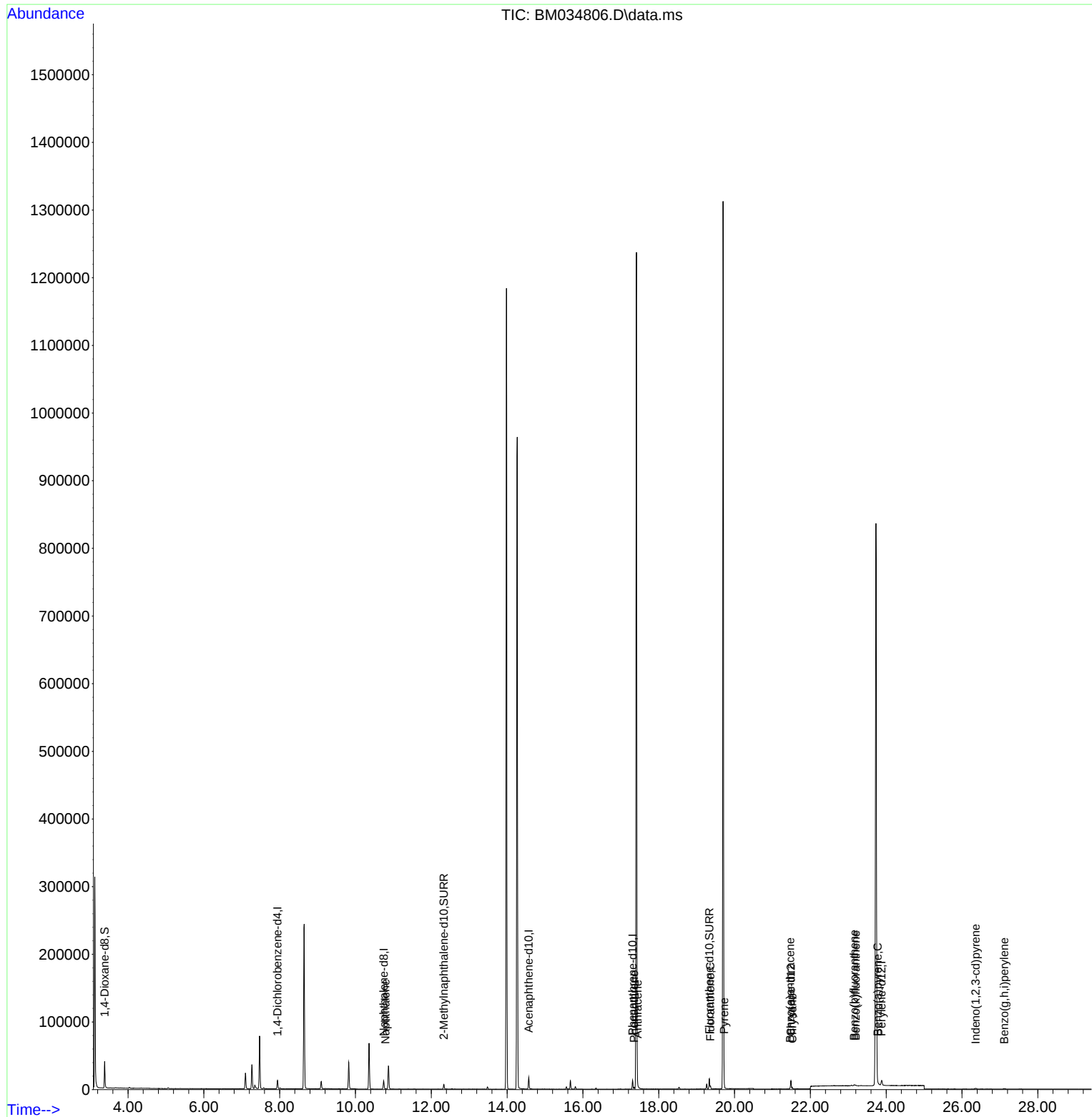
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
Data File : BM034806.D
Acq On : 25 Apr 2022 19:27
Operator : CG/JU
Sample : N2475-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

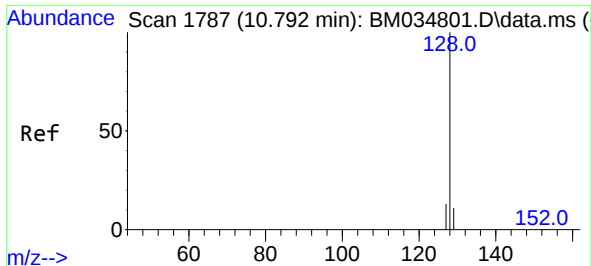
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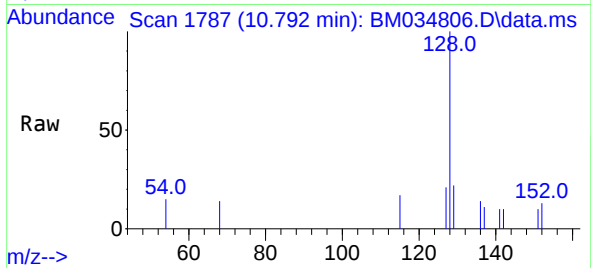
Quant Time: Apr 26 03:31:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.020 ng/ul
RT: 10.792 min Scan# 11
Delta R.T. -0.004 min
Lab File: BM034806.D
Acq: 25 Apr 2022 19:27

Instrument :
BNA_M
ClientSampleId :
A0BN8

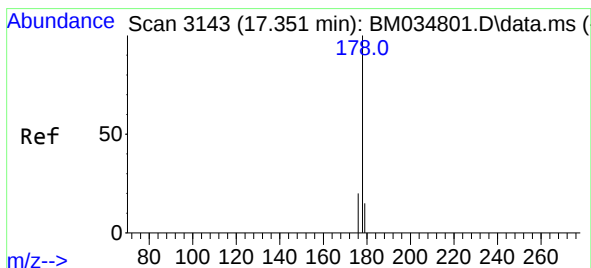
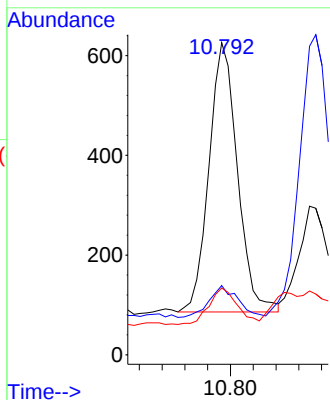
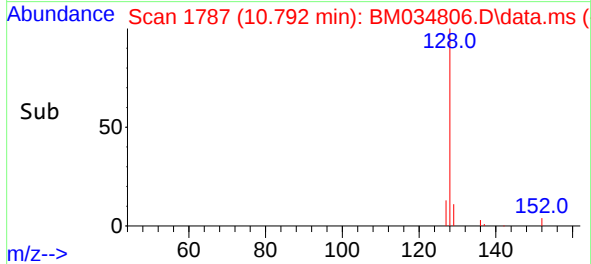


Tgt Ion:128 Resp: 93

Ion	Ratio	Lower	Upper
128	100		
129	22.2	13.4	20.2
127	21.4	15.2	22.8

Manual Integrations
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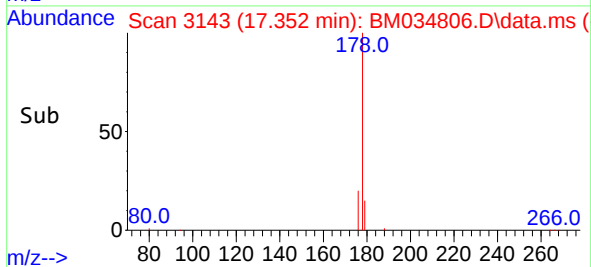
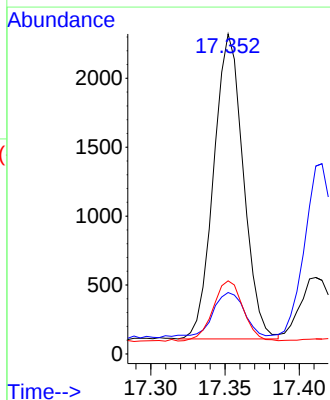
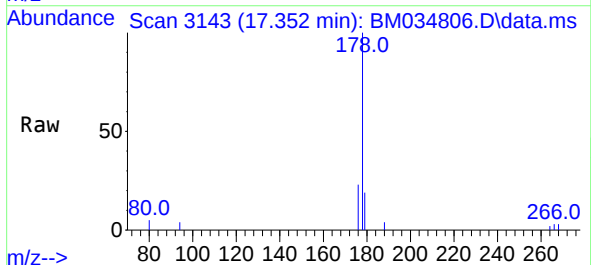
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

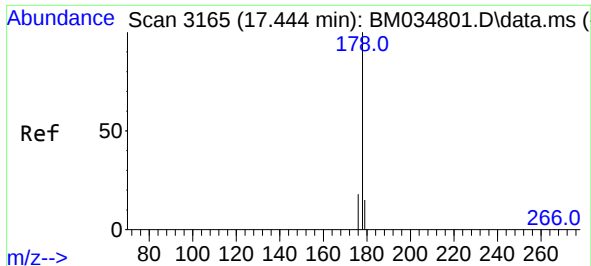


#15
Phenanthrene
Concen: 0.059 ng/ul
RT: 17.352 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BM034806.D
Acq: 25 Apr 2022 19:27

Tgt Ion:178 Resp: 3066

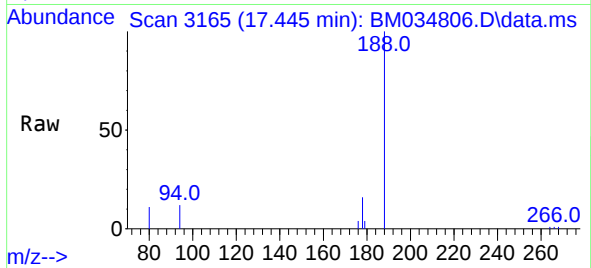
Ion	Ratio	Lower	Upper
178	100		
179	19.2	15.0	22.6
176	22.8	17.9	26.9





#16
 Anthracene
 Concen: 0.027 ng/ul
 RT: 17.445 min Scan# 3165
 Delta R.T. -0.002 min
 Lab File: BM034806.D
 Acq: 25 Apr 2022 19:27

Instrument :
 BNA_M
 ClientSampleId :
 A0BN8

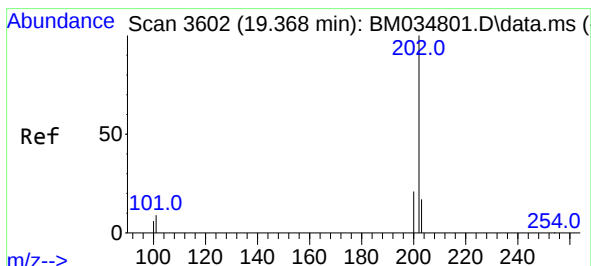
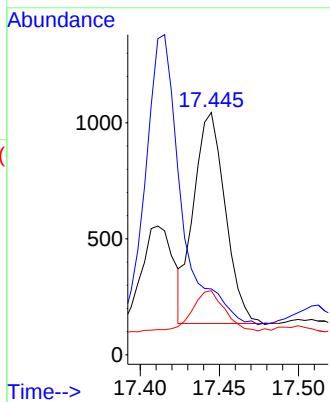
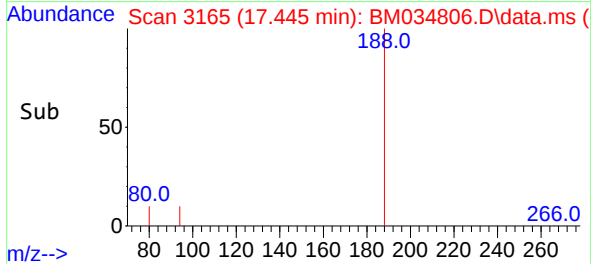


Tgt Ion:178 Resp: 1258

Ion	Ratio	Lower	Upper
178	100		
179	27.2	16.5	24.7
176	26.4	18.3	27.5

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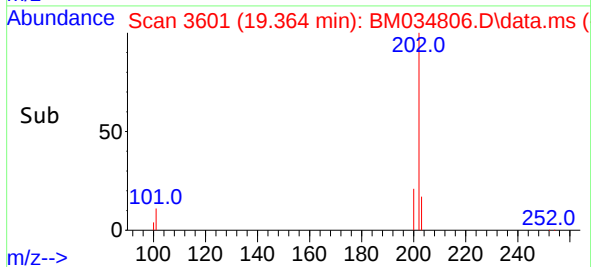
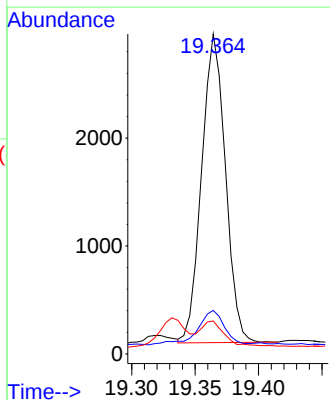
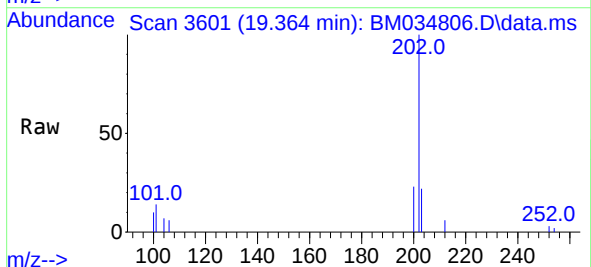
Reviewed By :Jagrut Upadhyay 04/26/2022
 Supervised By :Yogesh Patel 04/29/2022

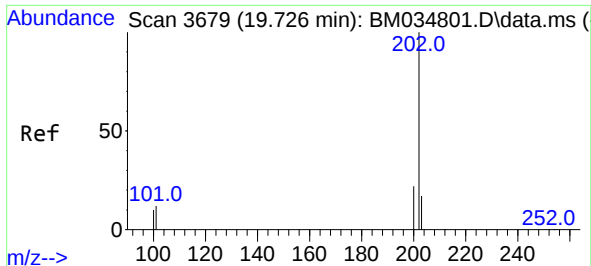


#19
 Fluoranthene
 Concen: 0.078 ng/ul
 RT: 19.364 min Scan# 3601
 Delta R.T. -0.002 min
 Lab File: BM034806.D
 Acq: 25 Apr 2022 19:27

Tgt Ion:202 Resp: 3737

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.2	13.8
100	10.3	7.2	10.8





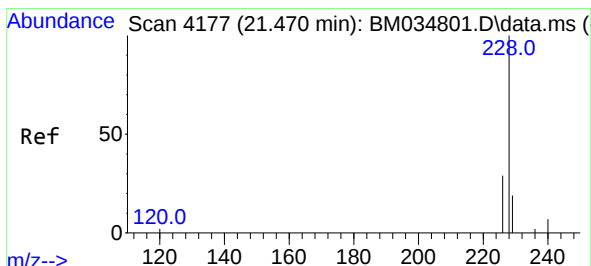
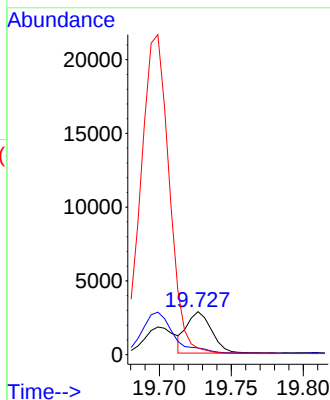
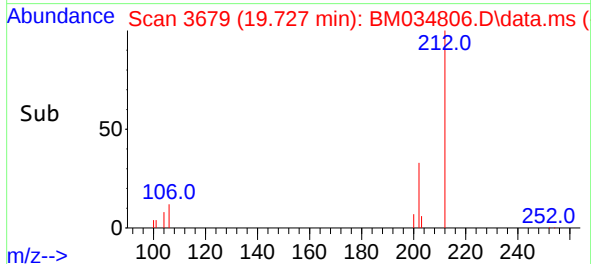
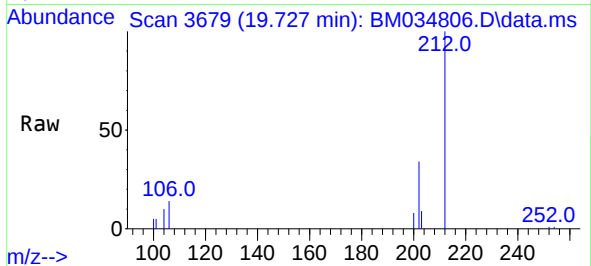
#20
Pyrene
Concen: 0.070 ng/ul
RT: 19.727 min Scan# 3679
Delta R.T. -0.002 min
Lab File: BM034806.D
Acq: 25 Apr 2022 19:27

Instrument :
BNA_M
ClientSampleId :
A0BN8

Tgt Ion:202 Resp: 335
Ion Ratio Lower Upper
202 100
101 15.6 9.3 13.9#
100 15.1 7.8 11.6#

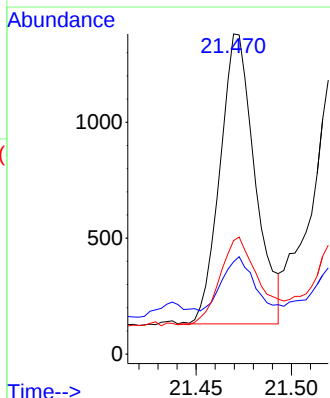
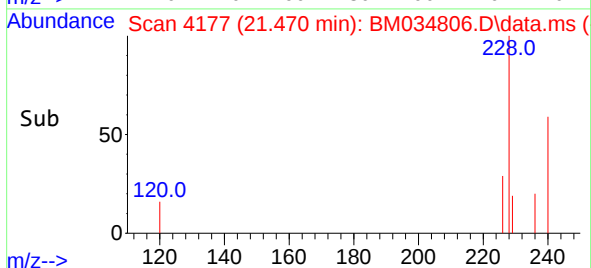
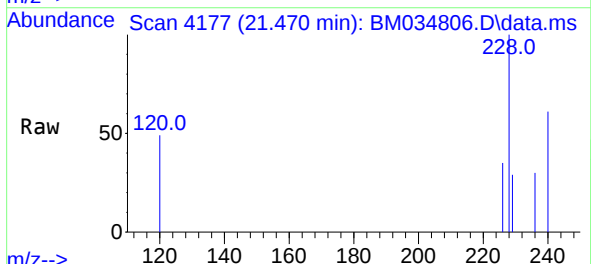
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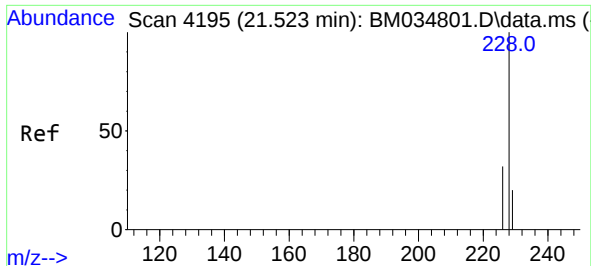
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#21
Benzo(a)anthracene
Concen: 0.041 ng/ul
RT: 21.470 min Scan# 4177
Delta R.T. -0.002 min
Lab File: BM034806.D
Acq: 25 Apr 2022 19:27

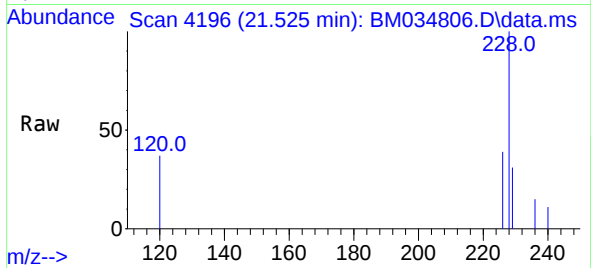
Tgt Ion:228 Resp: 1599
Ion Ratio Lower Upper
228 100
229 28.8 17.3 25.9#
226 35.4 23.2 34.8#





#22
Chrysene
Concen: 0.043 ng/u1
RT: 21.525 min Scan# 4195
Delta R.T. 0.001 min
Lab File: BM034806.D
Acq: 25 Apr 2022 19:27

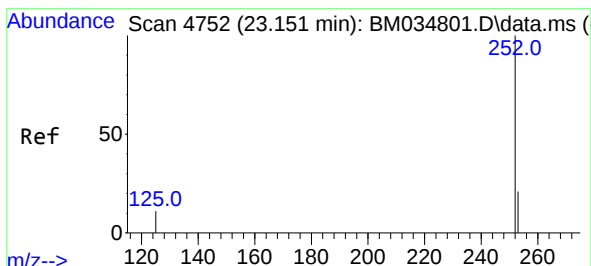
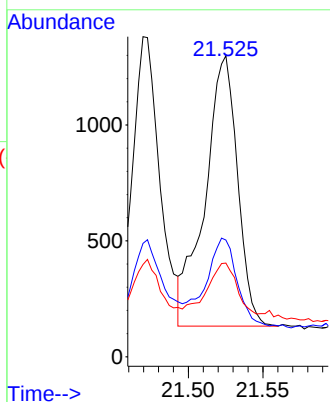
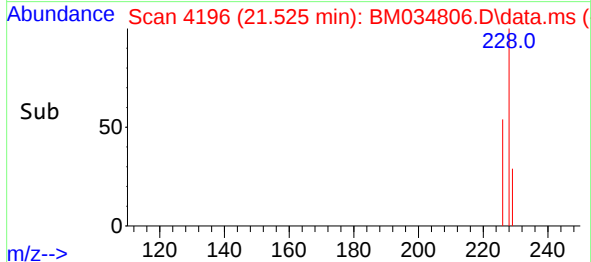
Instrument :
BNA_M
ClientSampleId :
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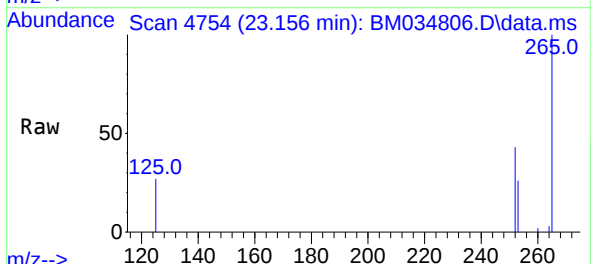
Tgt Ion:228 Resp: 1774
Ion Ratio Lower Upper
228 100
226 38.8 25.8 38.8
229 31.1 16.7 25.1

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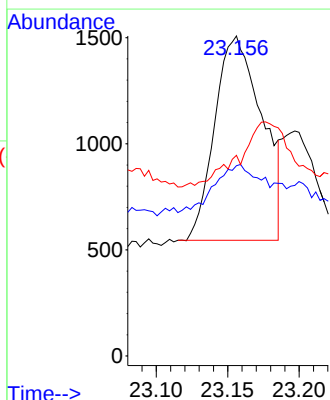
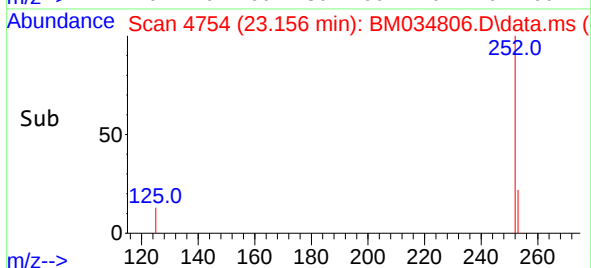
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

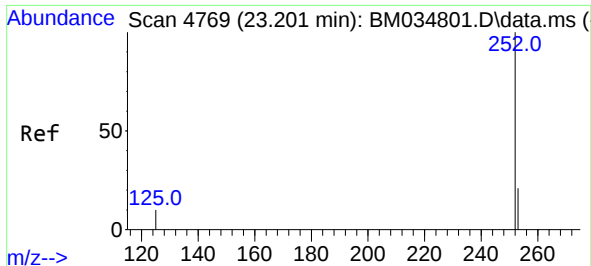


#24
Benzo(b)fluoranthene
Concen: 0.045 ng/u1
RT: 23.156 min Scan# 4754
Delta R.T. 0.004 min
Lab File: BM034806.D
Acq: 25 Apr 2022 19:27



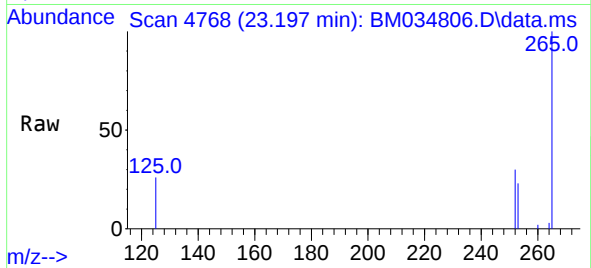
Tgt Ion:252 Resp: 2217
Ion Ratio Lower Upper
252 100
253 59.5 0.0 64.2
125 62.7 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.020 ng/ul m
RT: 23.197 min Scan# 4
Delta R.T. -0.005 min
Lab File: BM034806.D
Acq: 25 Apr 2022 19:27

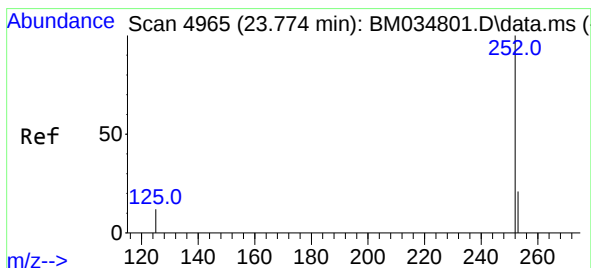
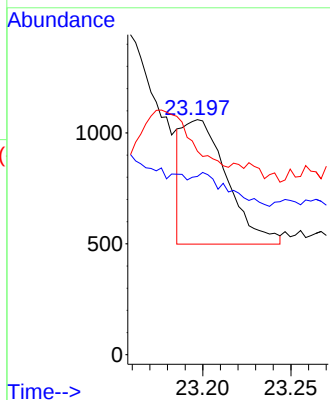
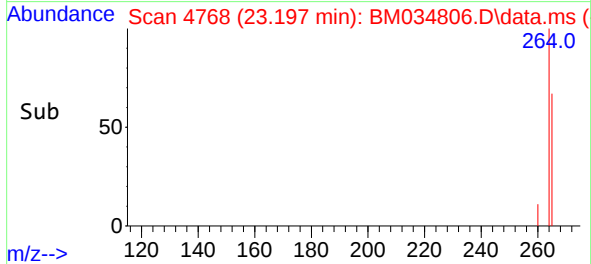
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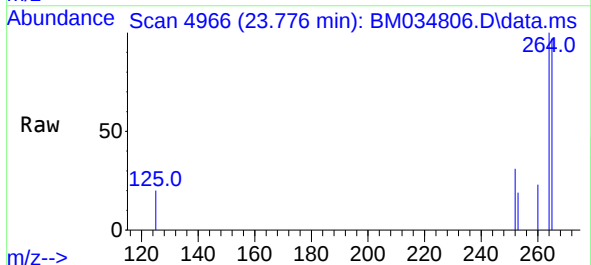
Tgt Ion:252 Resp: 99
Ion Ratio Lower Upper
252 100
253 75.8 26.8 40.2
125 86.6 12.0 18.0

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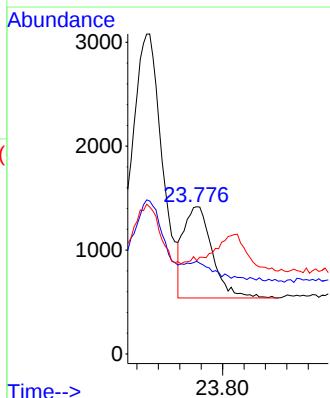
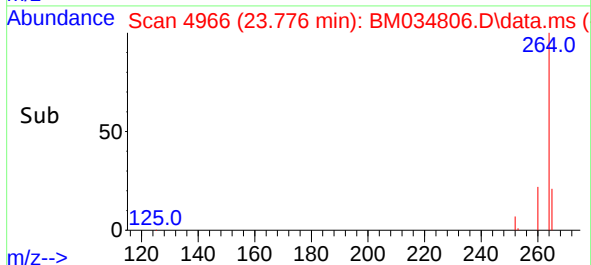
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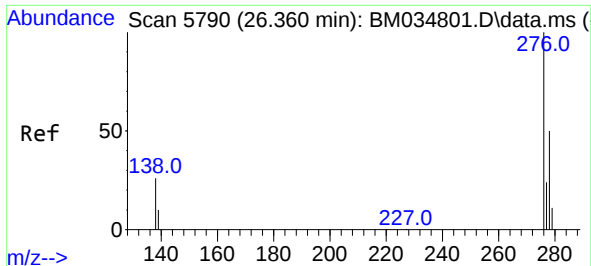


#26
Benzo(a)pyrene
Concen: 0.040 ng/ul
RT: 23.776 min Scan# 4966
Delta R.T. 0.001 min
Lab File: BM034806.D
Acq: 25 Apr 2022 19:27



Tgt Ion:252 Resp: 1623
Ion Ratio Lower Upper
252 100
253 62.9 32.0 48.0#
125 63.4 14.5 21.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.027 ng/ul

RT: 26.359 min Scan# 51

Delta R.T. -0.002 min

Lab File: BM034806.D

Acq: 25 Apr 2022 19:27

Instrument :

BNA_M

ClientSampleId :

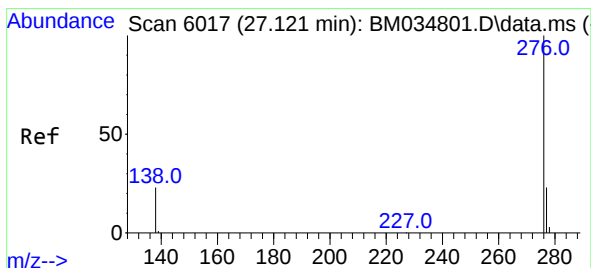
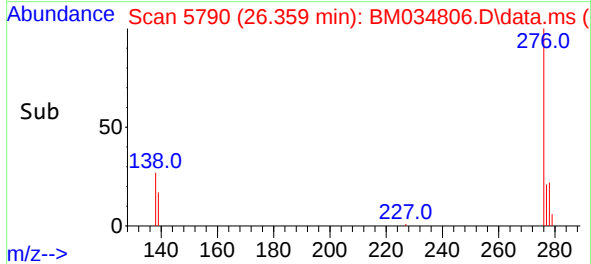
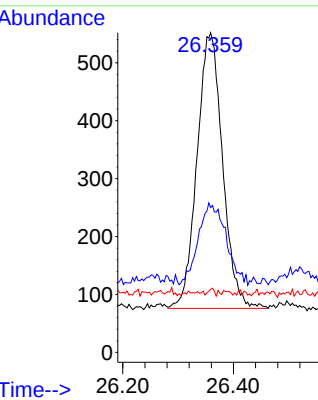
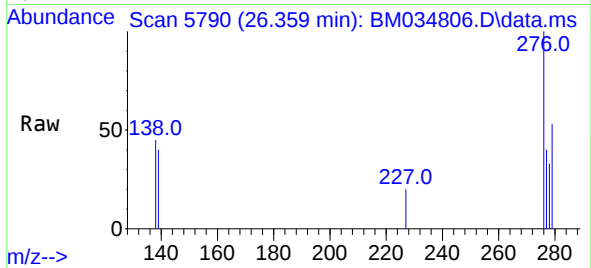
A0BN8

Tgt Ion:	276	Resp:	1520
Ion Ratio	Lower	Upper	
276	100		
138	32.5	15.8	23.6
227	0.7	0.0	0.0

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Supervised By :Yogesh Patel 04/29/2022



#29

Benzo(g,h,i)perylene

Concen: 0.035 ng/ul

RT: 27.117 min Scan# 6016

Delta R.T. -0.002 min

Lab File: BM034806.D

Acq: 25 Apr 2022 19:27

Tgt Ion:	276	Resp:	1739
Ion Ratio	Lower	Upper	
276	100		
138	41.3	17.4	26.0
277	40.3	22.6	33.8

