

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
 Data File : BM033798.D
 Acq On : 20 Jan 2022 20:46
 Operator : CG/JU
 Sample : N1129-09DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBM02DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
 Supervised By :mohammad ahmed 01/27/2022

Quant Time: Jan 21 01:58:37 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jan 21 01:34:59 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	4113	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	15392	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.583	164	8309	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	15030	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	8492	0.400	ng/ul #	0.00
23) Perylene-d12	23.883	264	7902	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.303	96	2447	0.558	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	807	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.338	212	1268	0.048	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.307	152	4845	0.126	ng/ul	94
15) Phenanthrene	17.361	178	5942	0.122	ng/ul	97
16) Anthracene	17.451	178	4413	0.099	ng/ul	96
19) Fluoranthene	19.368	202	37511	0.942	ng/ul	99
20) Pyrene	19.731	202	40113	0.995	ng/ul	98
21) Benzo(a)anthracene	21.465	228	18105	0.513	ng/ul	99
22) Chrysene	21.518	228	23740	0.658	ng/ul	98
24) Benzo(b)fluoranthene	23.151	252	36571m	1.057	ng/ul	
25) Benzo(k)fluoranthene	23.194	252	13165m	0.388	ng/ul	
26) Benzo(a)pyrene	23.774	252	18135	0.603	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.383	276	14472	0.369	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.395	278	3558	0.114	ng/ul#	64
29) Benzo(g,h,i)perylene	27.158	276	12181	0.362	ng/ul#	94

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

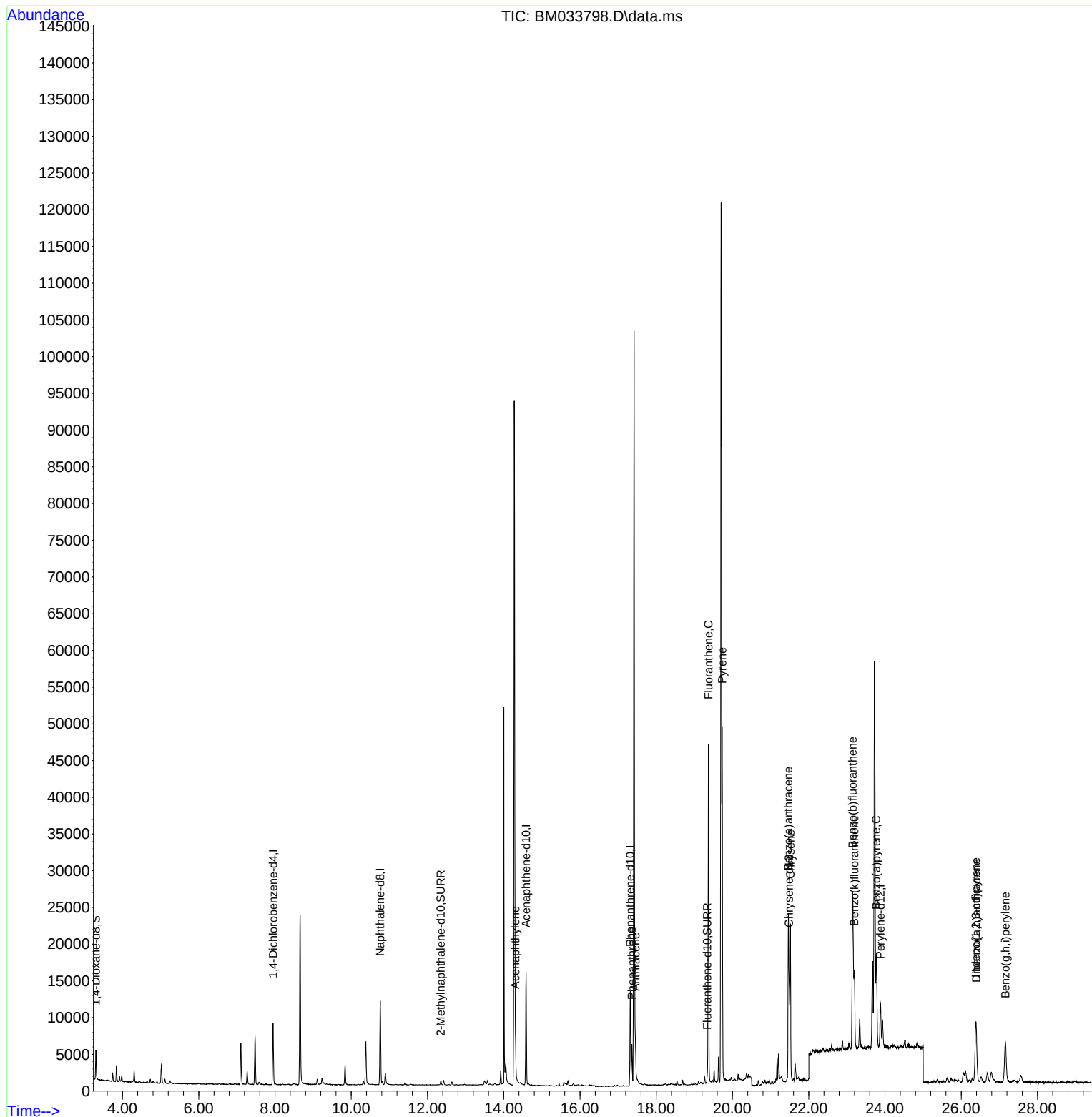
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
Data File : BM033798.D
Acq On : 20 Jan 2022 20:46
Operator : CG/JU
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ALS Vial : 14 Sample Multiplier: 1

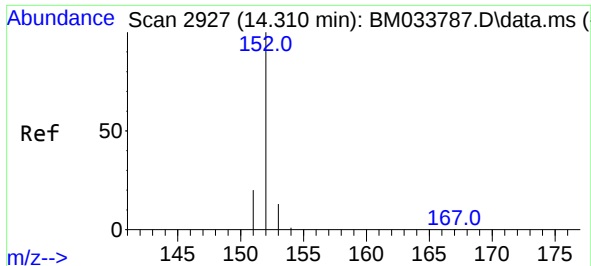
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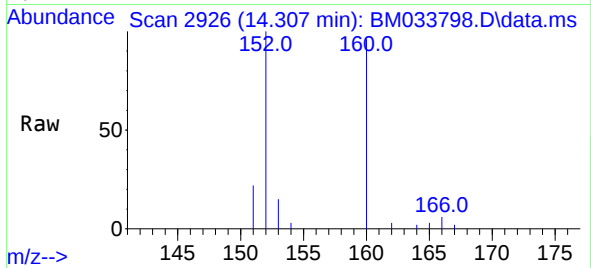
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 21 01:34:59 2022
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#10
Acenaphthylene
Concen: 0.126 ng/ul
RT: 14.307 min Scan# 2926
Delta R.T. -0.004 min
Lab File: BM033798.D
Acq: 20 Jan 2022 20:46

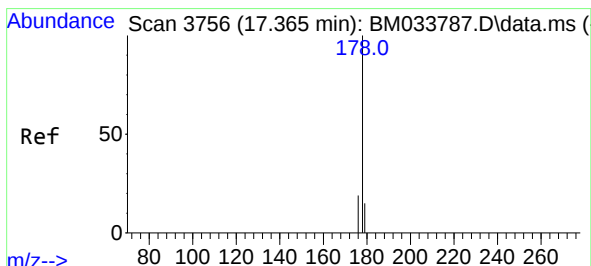
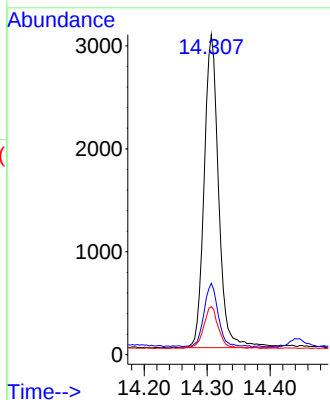
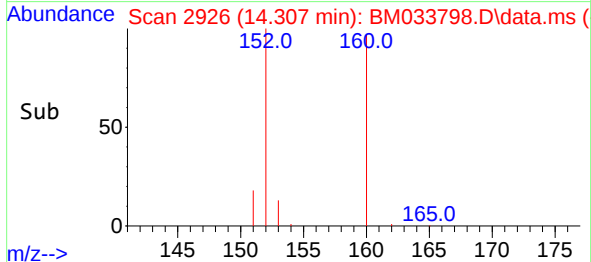
Instrument :
BNA_M
ClientSampleId :
DBM02DL



Tgt Ion:152 Resp: 4849
Ion Ratio Lower Upper
152 100
151 22.3 19.9 29.9
153 15.0 15.0 22.4

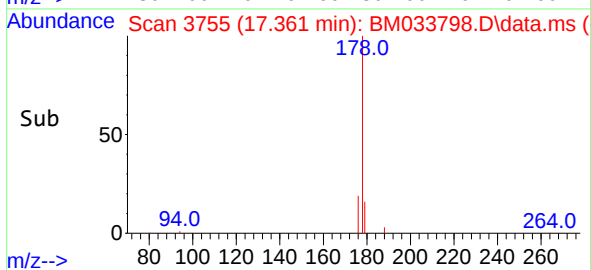
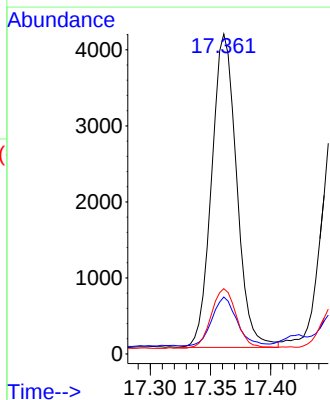
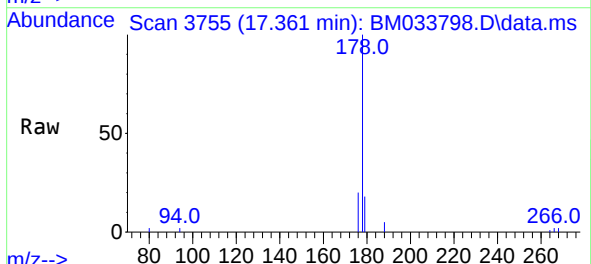
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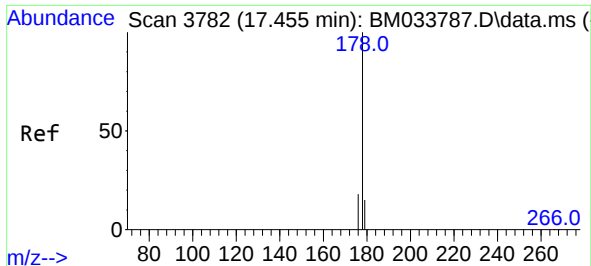
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#15
Phenanthrene
Concen: 0.122 ng/ul
RT: 17.361 min Scan# 3755
Delta R.T. -0.003 min
Lab File: BM033798.D
Acq: 20 Jan 2022 20:46

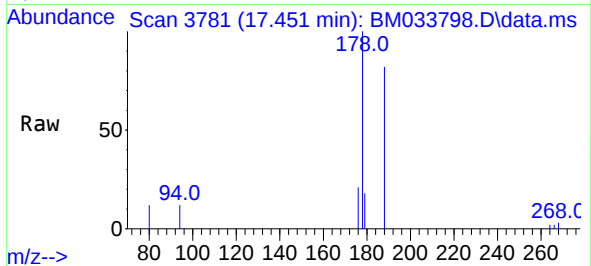
Tgt Ion:178 Resp: 5942
Ion Ratio Lower Upper
178 100
179 17.8 15.0 22.6
176 20.4 17.9 26.9





#16
 Anthracene
 Concen: 0.099 ng/u1
 RT: 17.451 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BM033798.D
 Acq: 20 Jan 2022 20:46

Instrument :
 BNA_M
 ClientSampleId :
 DBM02DL

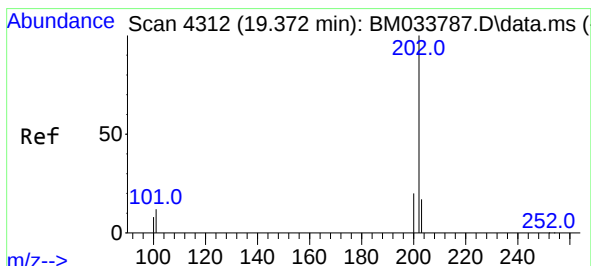
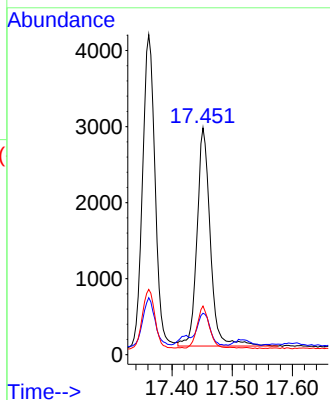
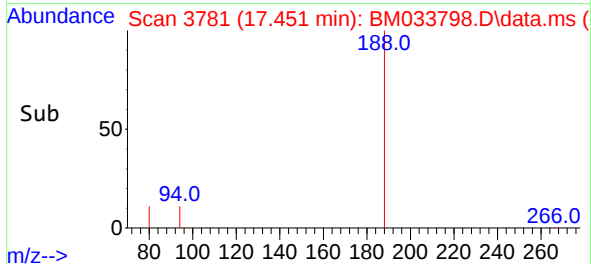


Tgt Ion:178 Resp: 441

Ion	Ratio	Lower	Upper
178	100		
179	18.3	16.5	24.7
176	21.4	18.3	27.5

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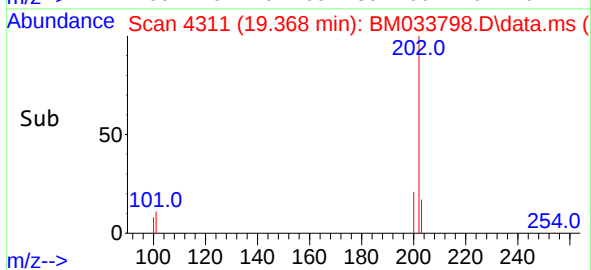
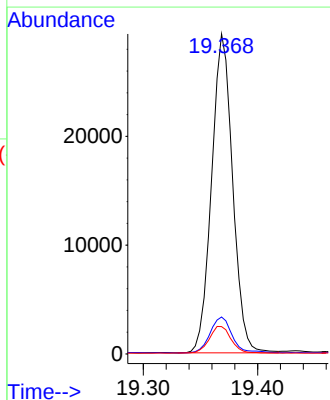
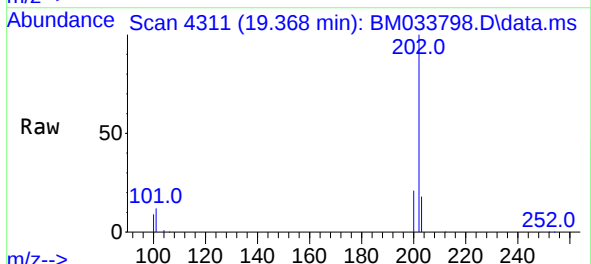
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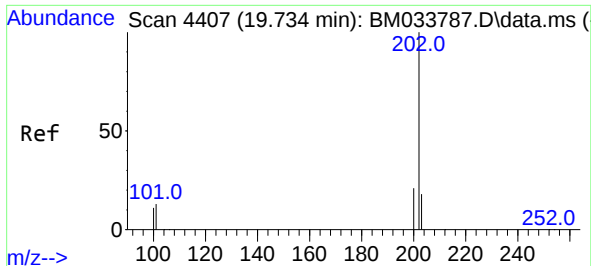


#19
 Fluoranthene
 Concen: 0.942 ng/u1
 RT: 19.368 min Scan# 4311
 Delta R.T. -0.003 min
 Lab File: BM033798.D
 Acq: 20 Jan 2022 20:46

Tgt Ion:202 Resp: 37511

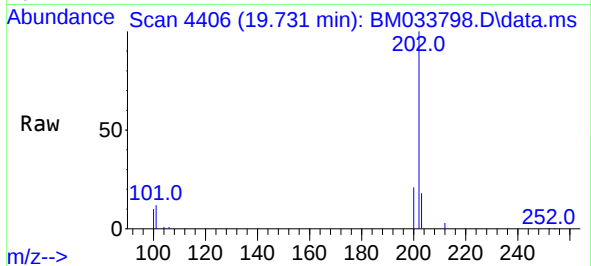
Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.2	13.8
100	8.6	7.2	10.8





#20
Pyrene
Concen: 0.995 ng/u1
RT: 19.731 min Scan# 4407
Delta R.T. -0.003 min
Lab File: BM033798.D
Acq: 20 Jan 2022 20:46

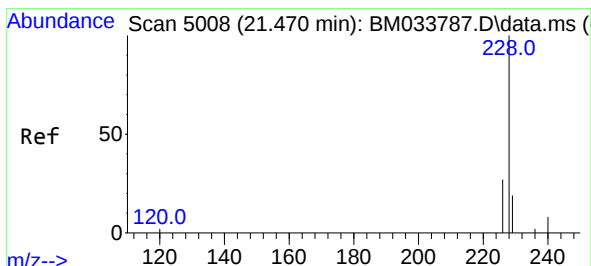
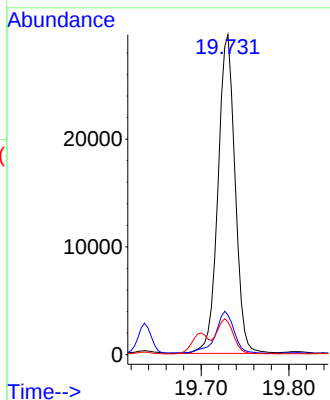
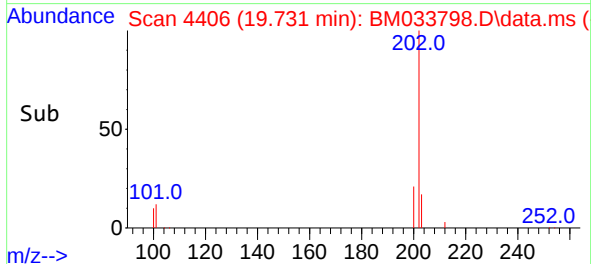
Instrument :
BNA_M
ClientSampleId :
DBM02DL



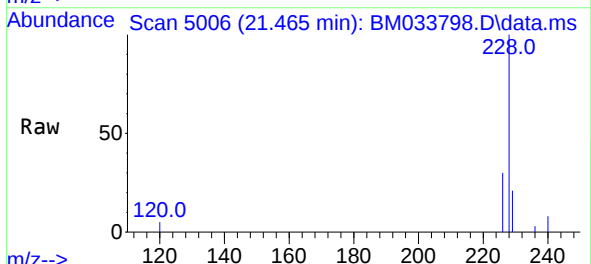
Tgt Ion:202 Resp: 40111
Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
100 10.2 7.8 11.6

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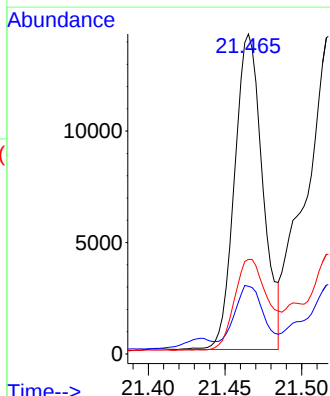
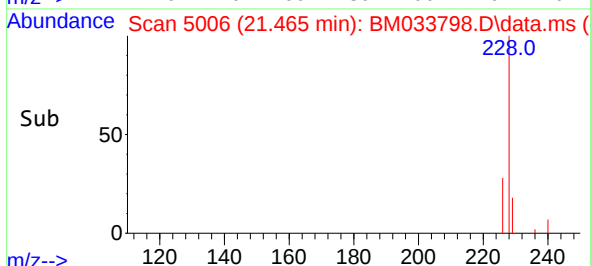
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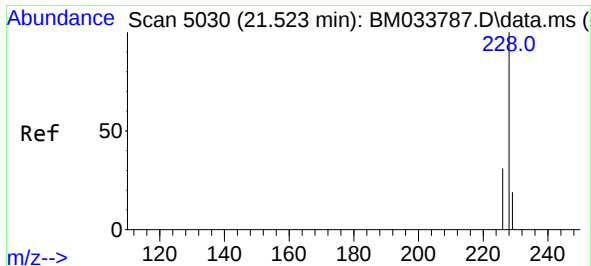


#21
Benzo(a)anthracene
Concen: 0.513 ng/u1
RT: 21.465 min Scan# 5006
Delta R.T. -0.004 min
Lab File: BM033798.D
Acq: 20 Jan 2022 20:46



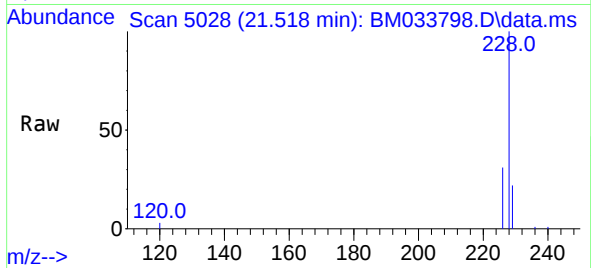
Tgt Ion:228 Resp: 18105
Ion Ratio Lower Upper
228 100
229 21.1 17.3 25.9
226 29.5 23.2 34.8





#22
Chrysene
Concen: 0.658 ng/ul
RT: 21.518 min Scan# 5030
Delta R.T. -0.004 min
Lab File: BM033798.D
Acq: 20 Jan 2022 20:46

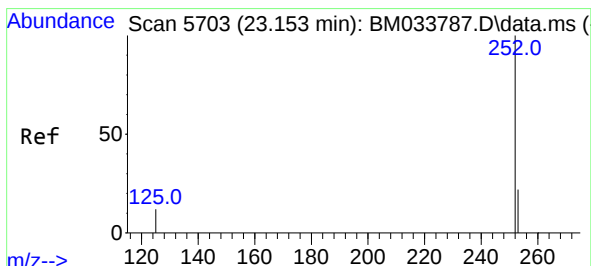
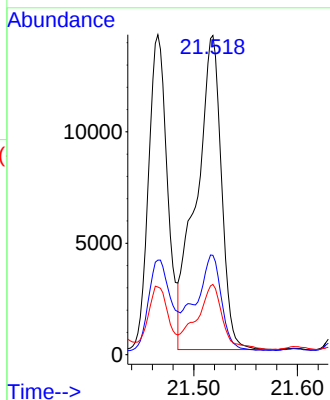
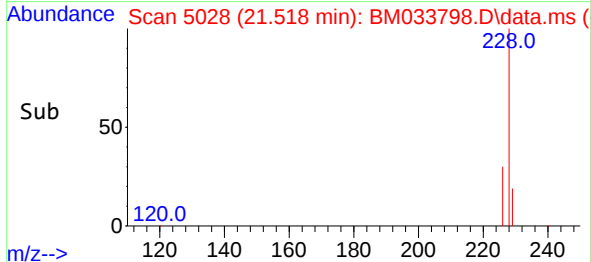
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ClientSampleId :
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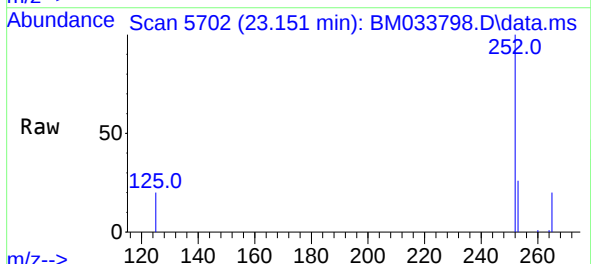
Tgt Ion:228 Resp: 23740
Ion Ratio Lower Upper
228 100
226 31.1 25.8 38.8
229 22.0 16.7 25.1

Manual Integrations
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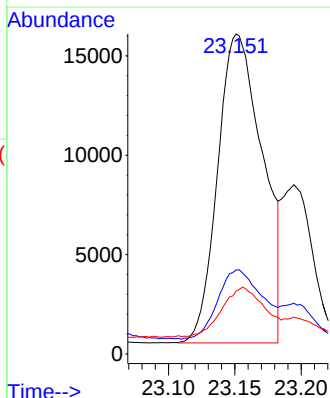
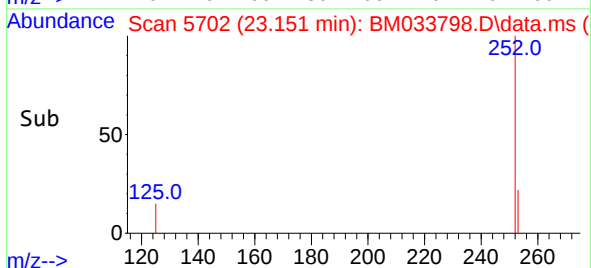
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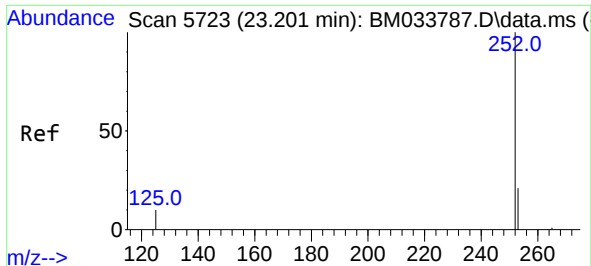


#24
Benzo(b)fluoranthene
Concen: 1.057 ng/ul m
RT: 23.151 min Scan# 5702
Delta R.T. -0.002 min
Lab File: BM033798.D
Acq: 20 Jan 2022 20:46



Tgt Ion:252 Resp: 36571
Ion Ratio Lower Upper
252 100
253 26.3 0.0 64.2
125 19.7 0.0 28.8





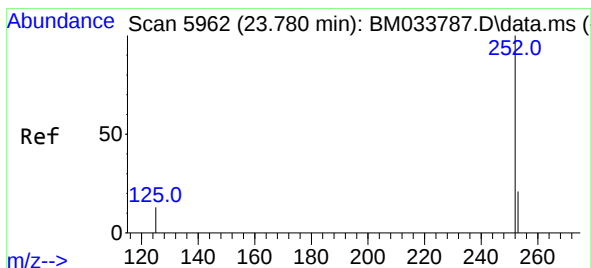
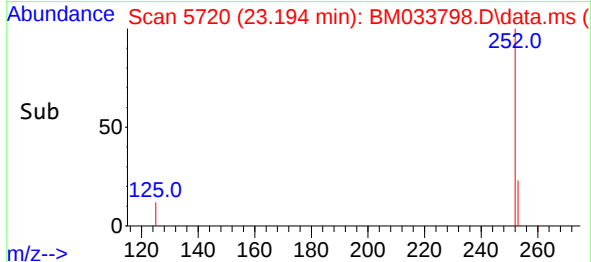
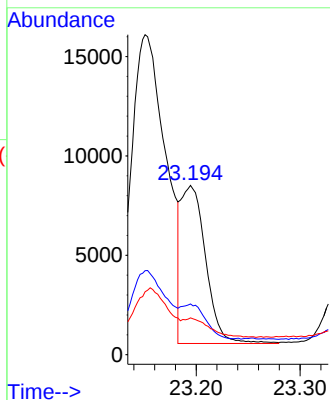
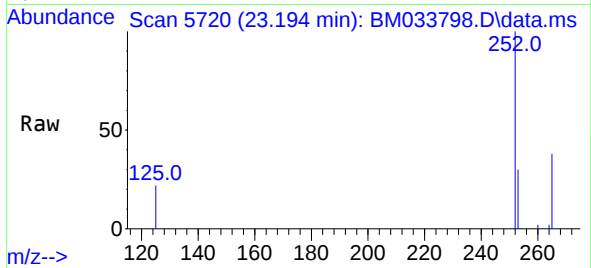
#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul m
RT: 23.194 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM033798.D
Acq: 20 Jan 2022 20:46

Instrument :
BNA_M
ClientSampleId :
DBM02DL

Tgt Ion:252 Resp: 1316
Ion Ratio Lower Upper
252 100
253 29.9 26.8 40.2
125 21.7 12.0 18.0

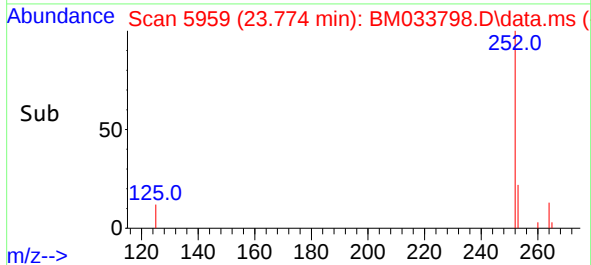
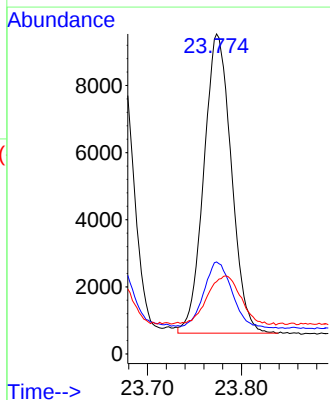
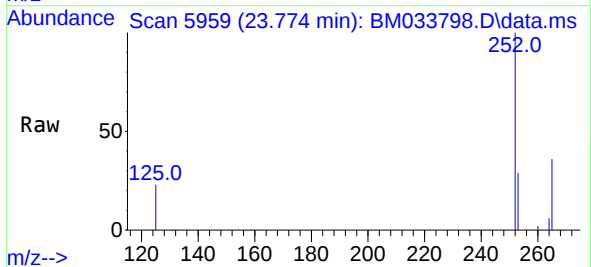
Manual Integrations
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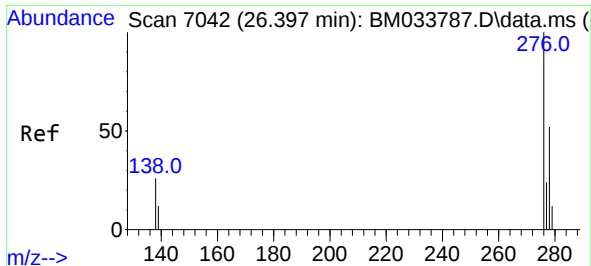
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#26
Benzo(a)pyrene
Concen: 0.603 ng/ul
RT: 23.774 min Scan# 5959
Delta R.T. -0.007 min
Lab File: BM033798.D
Acq: 20 Jan 2022 20:46

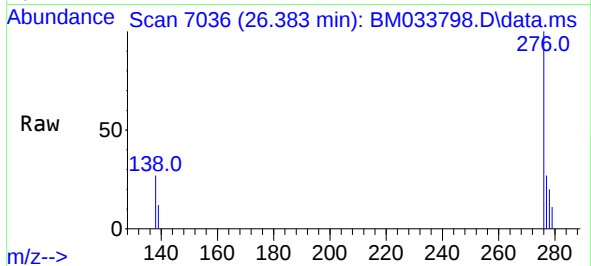
Tgt Ion:252 Resp: 18135
Ion Ratio Lower Upper
252 100
253 28.8 32.0 48.0#
125 22.6 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.369 ng/ul
RT: 26.383 min Scan# 7036
Delta R.T. -0.014 min
Lab File: BM033798.D
Acq: 20 Jan 2022 20:46

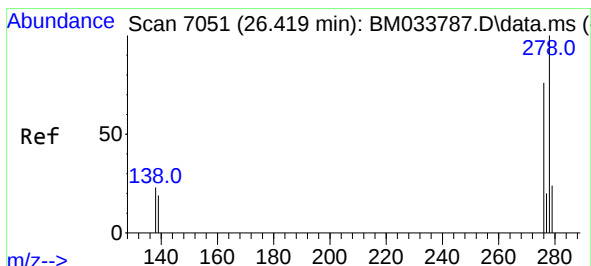
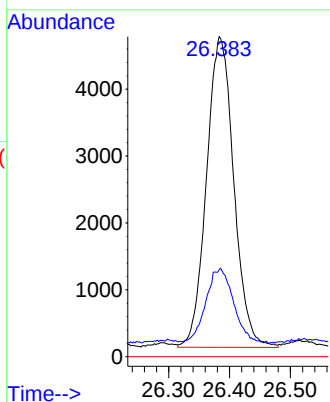
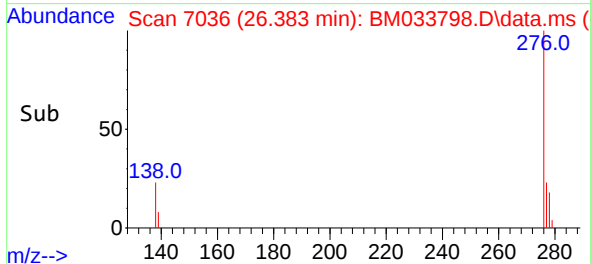
Instrument :
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DBM02DL



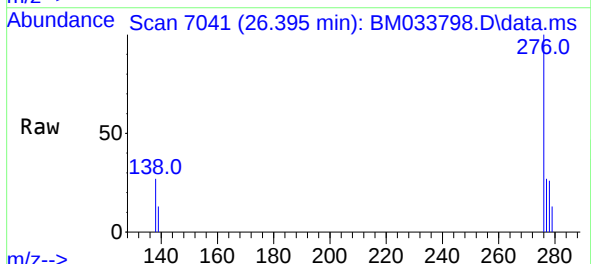
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Ion Ratio Lower Upper
276 100
138 24.4 15.8 23.6
227 0.0 0.0 0.0

Manual Integrations
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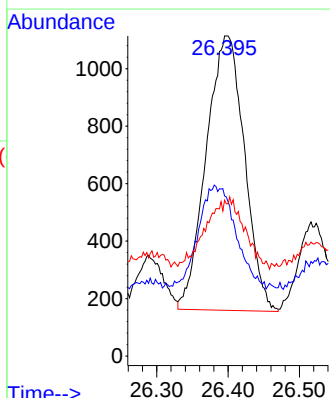
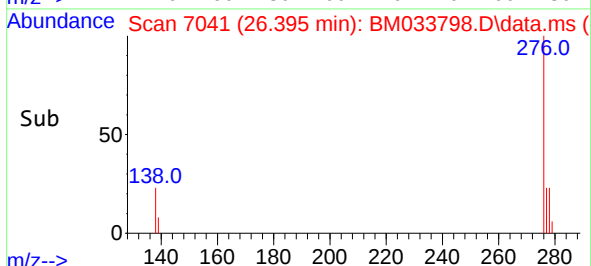
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022

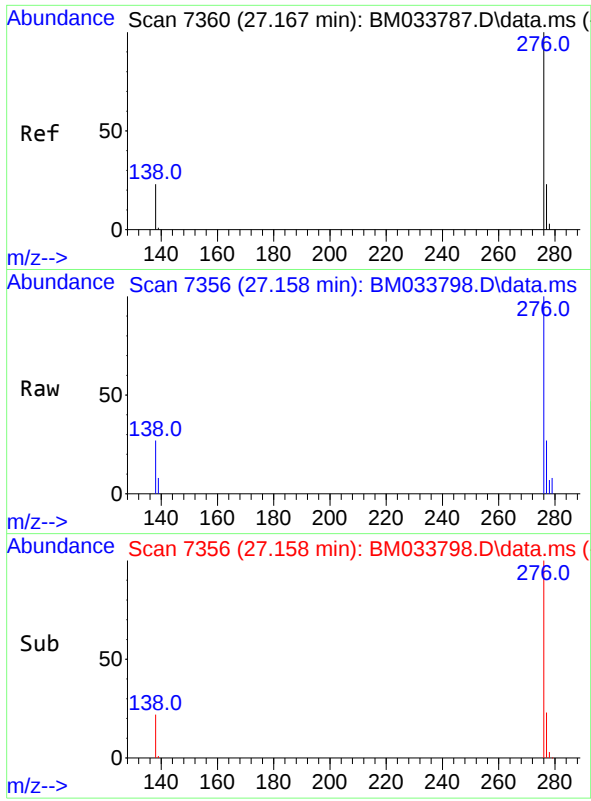


#28
Dibenzo(a,h)anthracene
Concen: 0.114 ng/ul
RT: 26.395 min Scan# 7041
Delta R.T. -0.024 min
Lab File: BM033798.D
Acq: 20 Jan 2022 20:46



Tgt Ion:278 Resp: 3558
Ion Ratio Lower Upper
278 100
139 50.0 18.0 27.0#
279 48.7 28.6 42.8#





#29

Benzo(g,h,i)perylene

Concen: 0.362 ng/ul

RT: 27.158 min Scan# 7

Delta R.T. -0.009 min

Lab File: BM033798.D

Acq: 20 Jan 2022 20:46

Instrument :

BNA_M

ClientSampleId :

DBM02DL

Tgt Ion:276 Resp: 1218

Ion Ratio Lower Upper

276 100

138 27.1 17.4 26.0

277 27.3 22.6 33.8

Manual Integrations

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