

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
 Data File : BM033796.D
 Acq On : 20 Jan 2022 19:35
 Operator : CG/JU
 Sample : N1129-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBM01

Manual Integrations
 APPROVED

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

Quant Time: Jan 21 01:52:00 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	7.949	152	3583	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	13697	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.587	164	8093	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.319	188	15233	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	8613	0.400	ng/ul #	0.00
23) Perylene-d12	23.882	264	7477	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	11652	3.053	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	4056	0.218	ng/ul	0.00
18) Fluoranthene-d10	19.341	212	7734	0.290	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.810	128	803	0.020	ng/ul#	90
14) Pentachlorophenol	16.972	266	121	0.020	ng/ul	95
15) Phenanthrene	17.361	178	6367	0.129	ng/ul	97
16) Anthracene	17.451	178	1251	0.028	ng/ul#	92
19) Fluoranthene	19.372	202	13850	0.343	ng/ul	97
20) Pyrene	19.730	202	12630m	0.309	ng/ul	
21) Benzo(a)anthracene	21.467	228	6302	0.176	ng/ul	96
22) Chrysene	21.521	228	6430	0.176	ng/ul	96
24) Benzo(b)fluoranthene	23.153	252	7778m	0.237	ng/ul	
25) Benzo(k)fluoranthene	23.197	252	3569m	0.111	ng/ul	
26) Benzo(a)pyrene	23.778	252	4806	0.169	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.390	276	3741	0.101	ng/ul#	72
28) Dibenzo(a,h)anthracene	26.404	278	1322	0.045	ng/ul#	9
29) Benzo(g,h,i)perylene	27.160	276	4689	0.147	ng/ul#	83

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

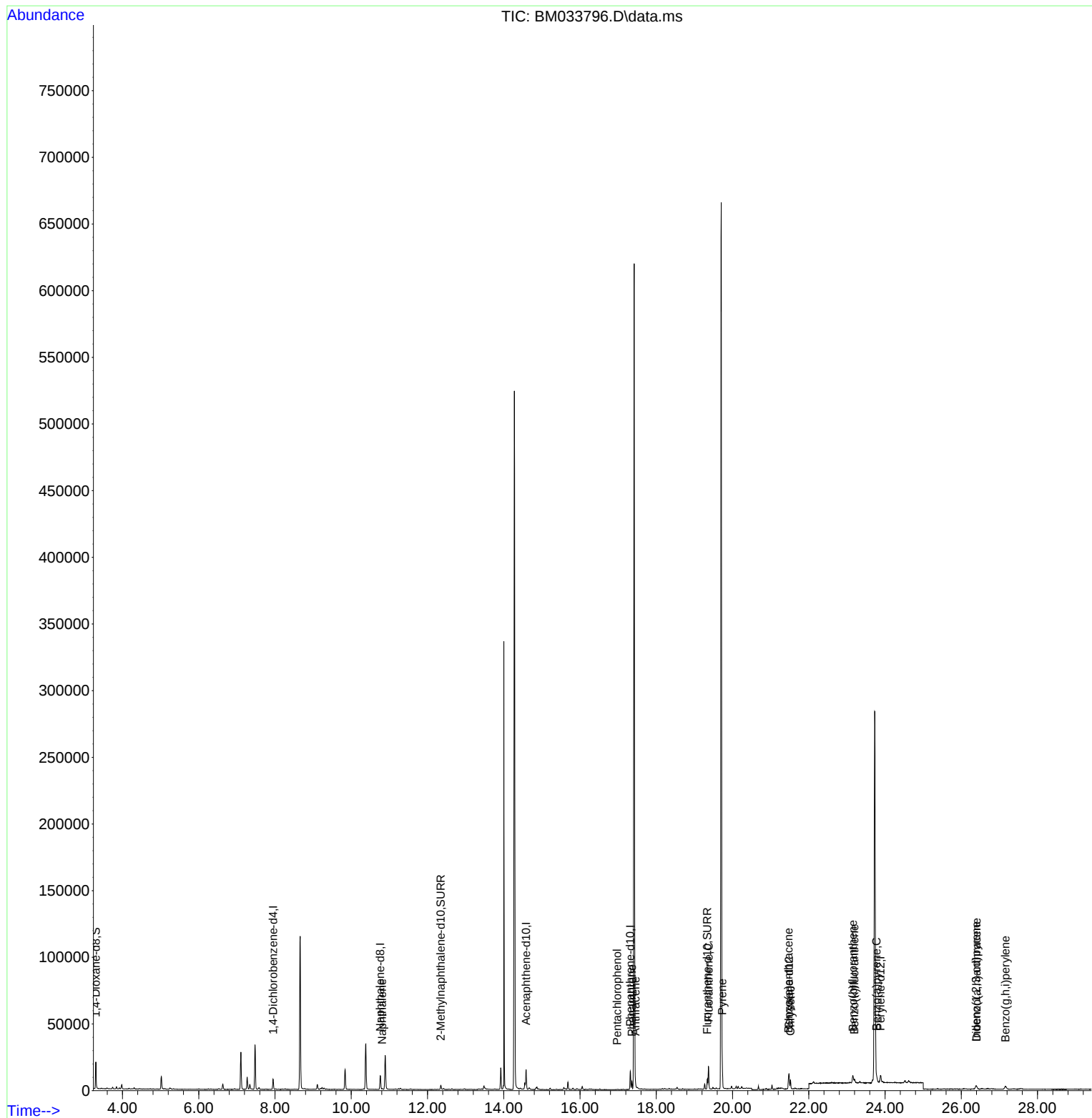
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012022\
Data File : BM033796.D
Acq On : 20 Jan 2022 19:35
Operator : CG/JU
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ALS Vial : 12 Sample Multiplier: 1

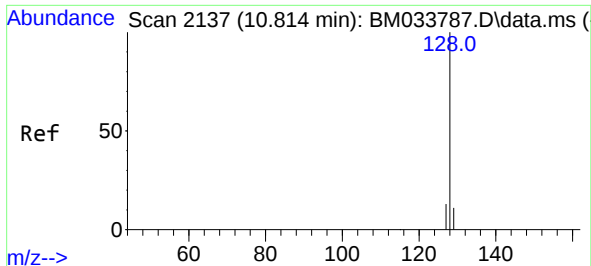
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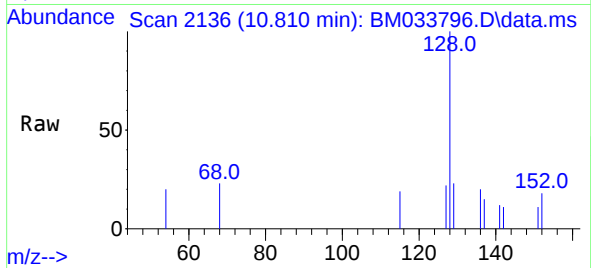
Quant Time: Jan 21 01:52:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM010422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 21 01:34:59 2022
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#5
Naphthalene
Concen: 0.020 ng/ul
RT: 10.810 min Scan# 2137
Delta R.T. -0.004 min
Lab File: BM033796.D
Acq: 20 Jan 2022 19:35

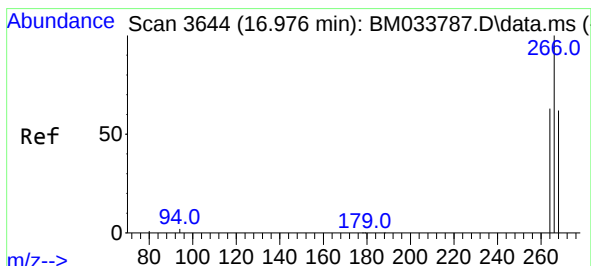
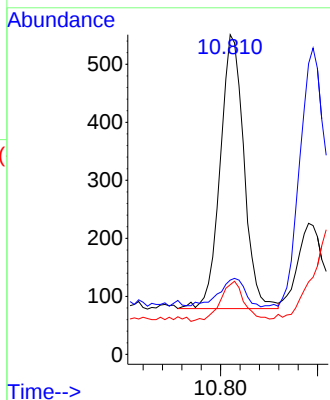
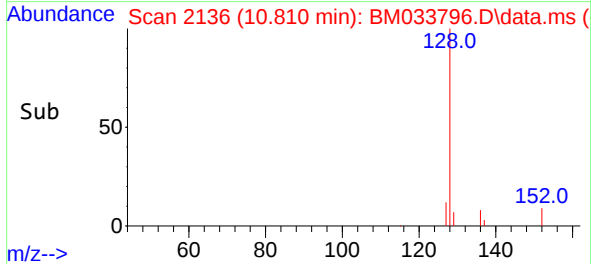
Instrument :
BNA_M
ClientSampleId :
DBM01



Tgt Ion:128 Resp: 800
Ion Ratio Lower Upper
128 100
129 23.2 13.4 20.2
127 21.8 15.2 22.8

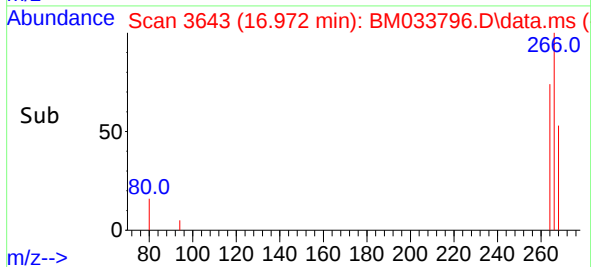
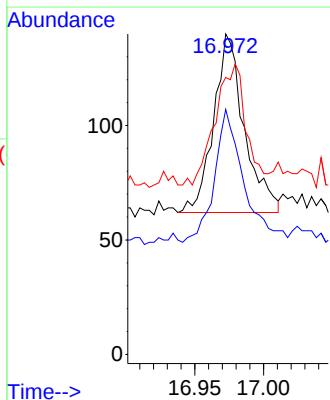
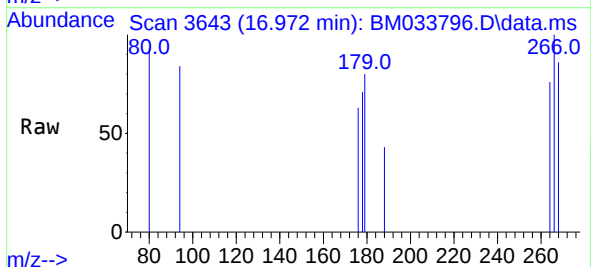
Manual Integrations
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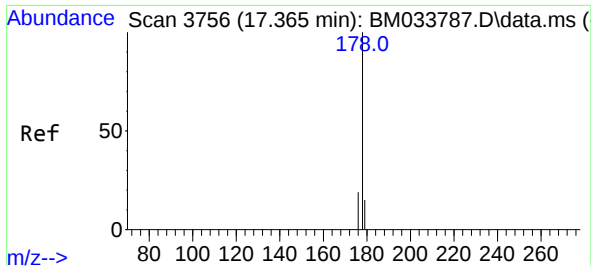
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#14
Pentachlorophenol
Concen: 0.020 ng/ul
RT: 16.972 min Scan# 3643
Delta R.T. -0.003 min
Lab File: BM033796.D
Acq: 20 Jan 2022 19:35

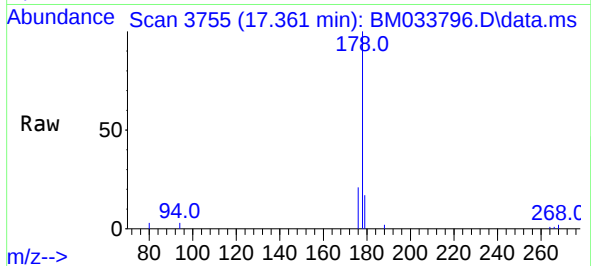
Tgt Ion:266 Resp: 121
Ion Ratio Lower Upper
266 100
264 71.1 51.4 77.0
268 67.8 53.1 79.7





#15
Phenanthrene
Concen: 0.129 ng/u1
RT: 17.361 min Scan# 31
Delta R.T. -0.003 min
Lab File: BM033796.D
Acq: 20 Jan 2022 19:35

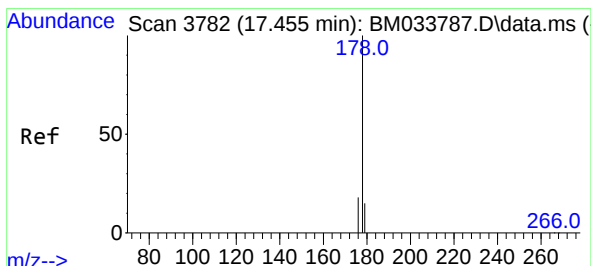
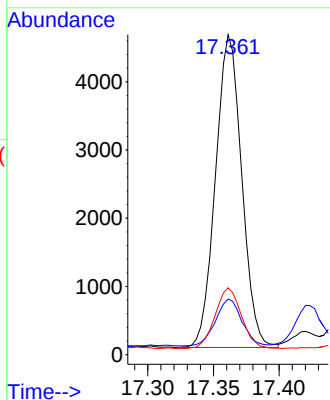
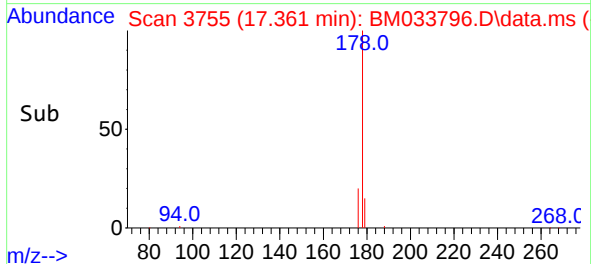
Instrument :
BNA_M
ClientSampleId :
DBM01



Tgt Ion:178 Resp: 636
Ion Ratio Lower Upper
178 100
179 17.4 15.0 22.6
176 20.9 17.9 26.9

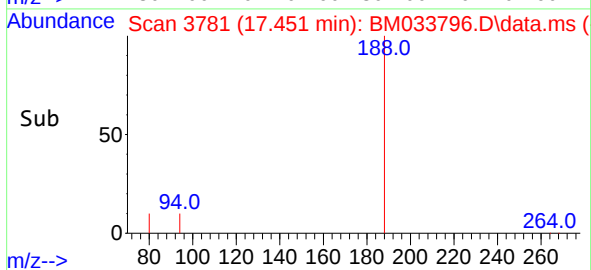
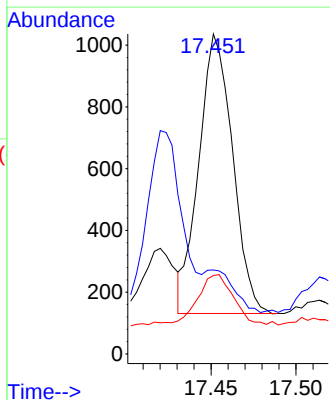
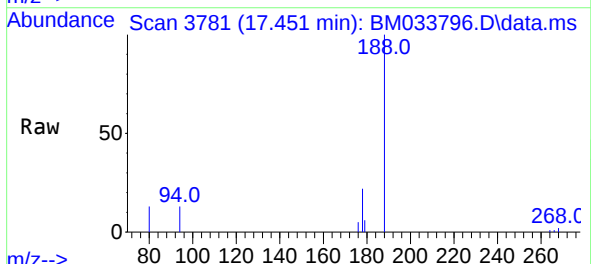
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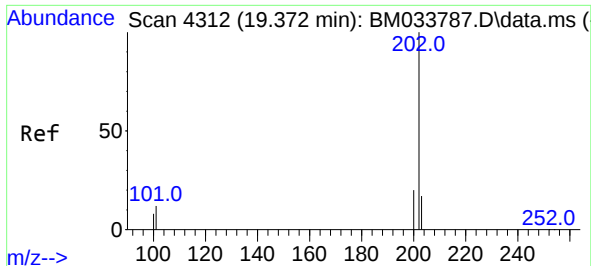
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#16
Anthracene
Concen: 0.028 ng/u1
RT: 17.451 min Scan# 3781
Delta R.T. -0.003 min
Lab File: BM033796.D
Acq: 20 Jan 2022 19:35

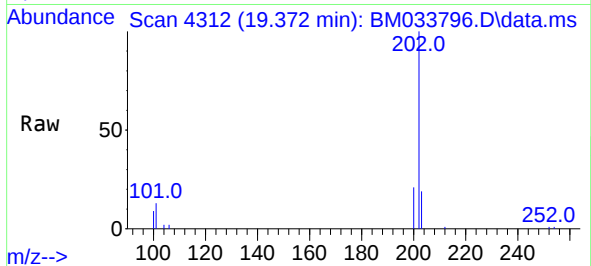
Tgt Ion:178 Resp: 1251
Ion Ratio Lower Upper
178 100
179 26.3 16.5 24.7#
176 24.5 18.3 27.5





#19
Fluoranthene
Concen: 0.343 ng/ul
RT: 19.372 min Scan# 4312
Delta R.T. 0.000 min
Lab File: BM033796.D
Acq: 20 Jan 2022 19:35

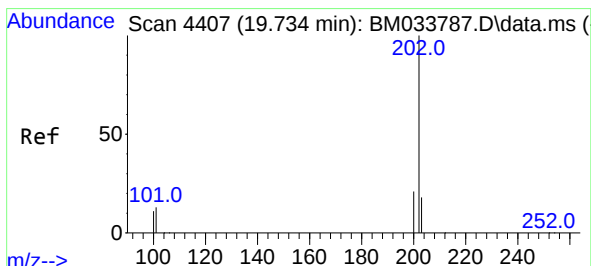
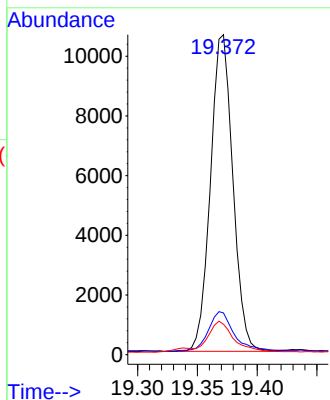
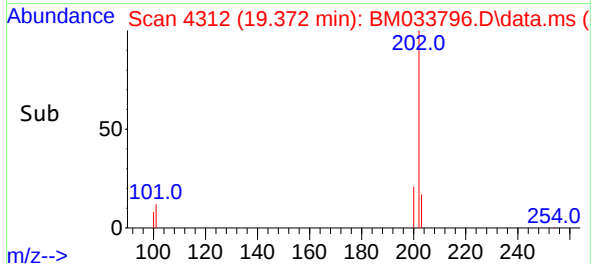
Instrument :
BNA_M
ClientSampleId :
DBM01



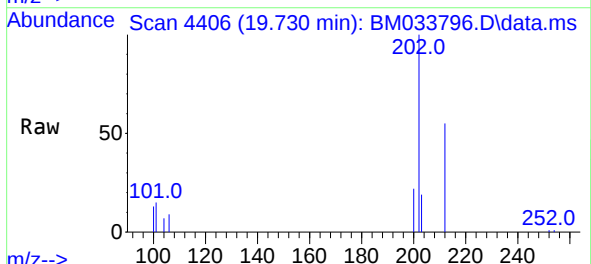
Tgt Ion:202 Resp: 13850
Ion Ratio Lower Upper
202 100
101 13.0 9.2 13.8
100 9.5 7.2 10.8

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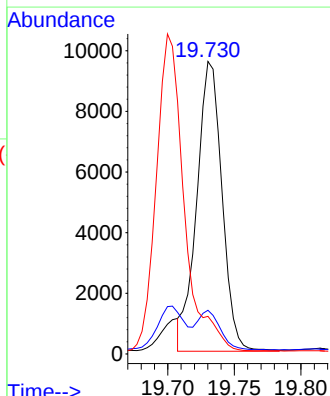
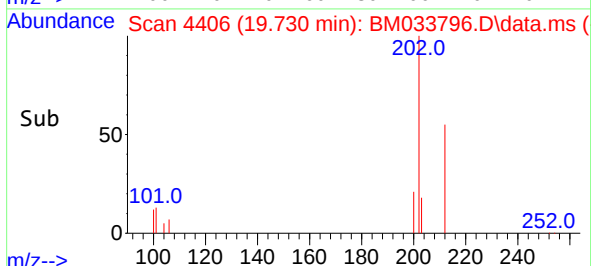
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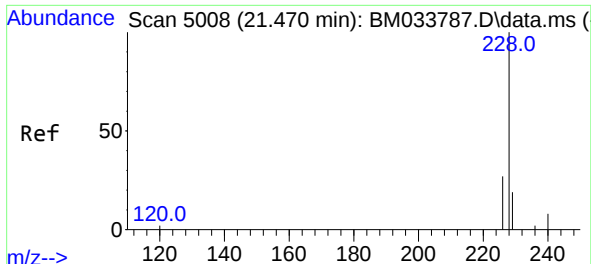


#20
Pyrene
Concen: 0.309 ng/ul m
RT: 19.730 min Scan# 4406
Delta R.T. -0.004 min
Lab File: BM033796.D
Acq: 20 Jan 2022 19:35



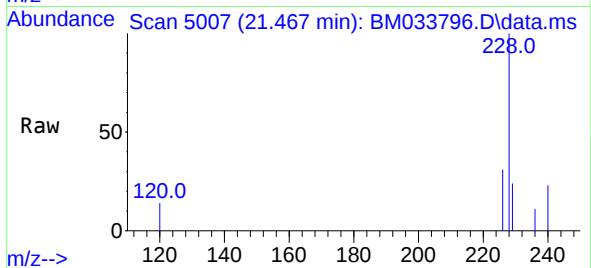
Tgt Ion:202 Resp: 12630
Ion Ratio Lower Upper
202 100
101 15.0 9.3 13.9#
100 12.9 7.8 11.6#





#21
Benzo(a)anthracene
Concen: 0.176 ng/u1
RT: 21.467 min Scan# 5007
Delta R.T. -0.002 min
Lab File: BM033796.D
Acq: 20 Jan 2022 19:35

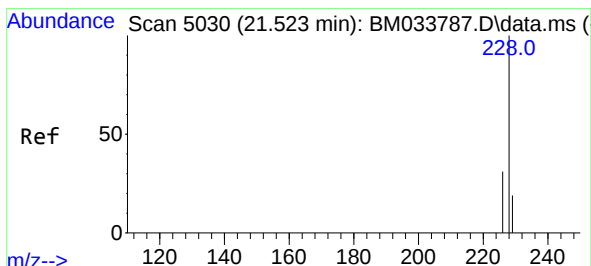
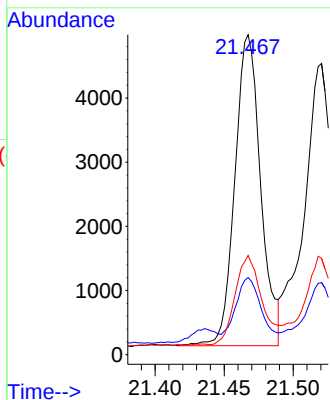
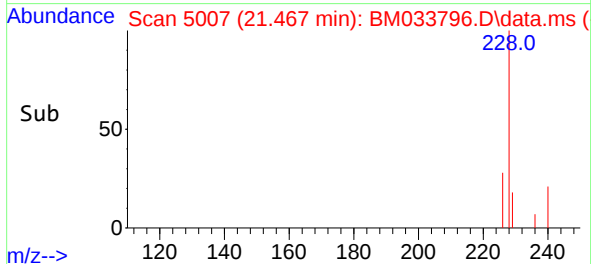
Instrument :
BNA_M
ClientSampleId :
DBM01



Tgt Ion:228 Resp: 6302
Ion Ratio Lower Upper
228 100
229 24.1 17.3 25.9
226 31.0 23.2 34.8

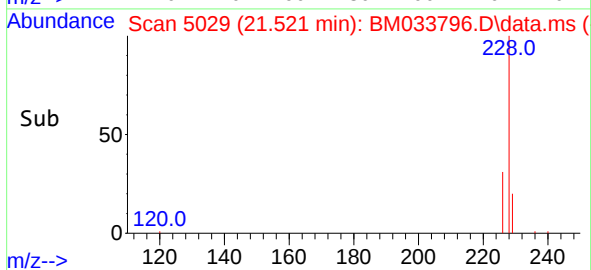
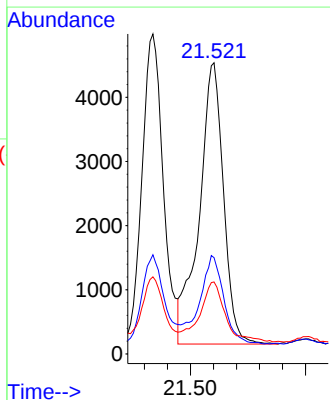
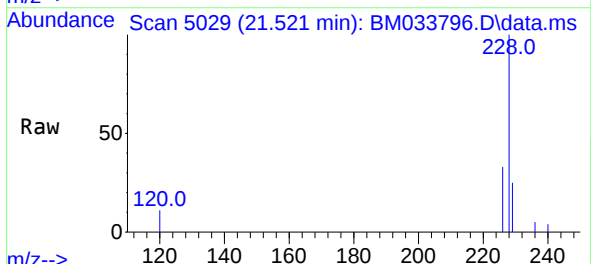
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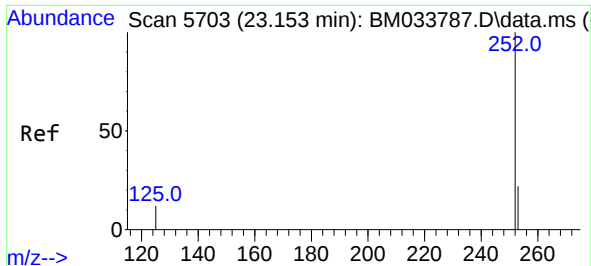
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#22
Chrysene
Concen: 0.176 ng/u1
RT: 21.521 min Scan# 5029
Delta R.T. -0.002 min
Lab File: BM033796.D
Acq: 20 Jan 2022 19:35

Tgt Ion:228 Resp: 6430
Ion Ratio Lower Upper
228 100
226 33.0 25.8 38.8
229 24.7 16.7 25.1





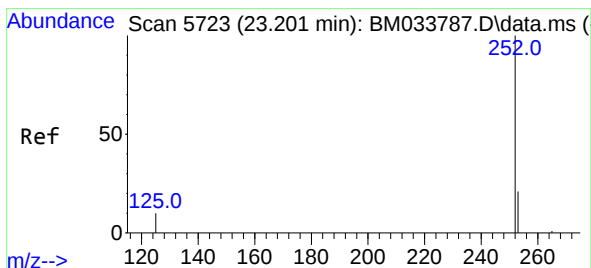
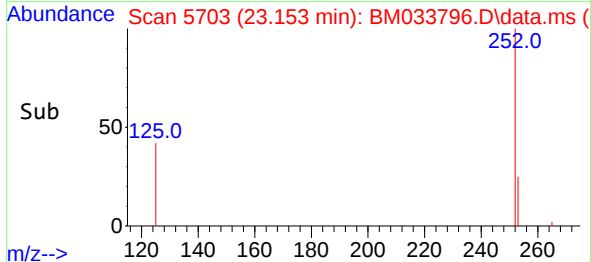
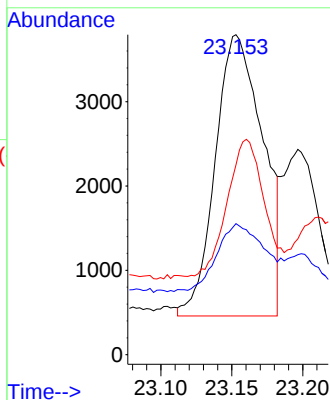
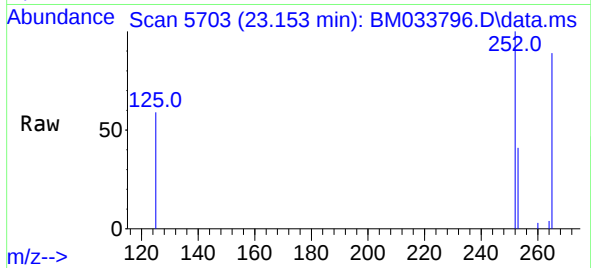
#24
Benzo(b)fluoranthene
Concen: 0.237 ng/ul m
RT: 23.153 min Scan# 5703
Delta R.T. 0.000 min
Lab File: BM033796.D
Acq: 20 Jan 2022 19:35

Instrument :
BNA_M
ClientSampleId :
DBM01

Tgt Ion:252 Resp: 7778
Ion Ratio Lower Upper
252 100
253 41.0 0.0 64.2
125 59.3 0.0 28.8

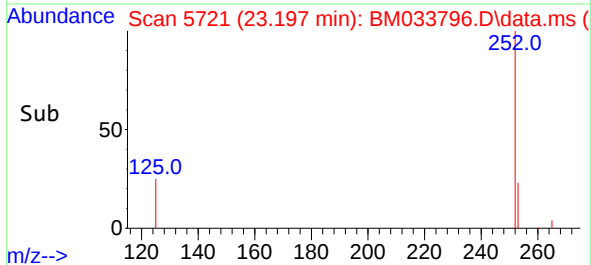
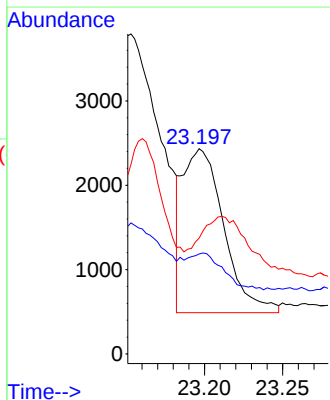
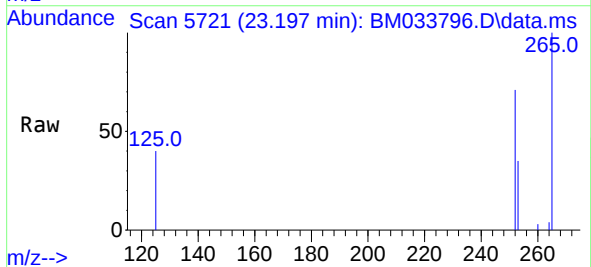
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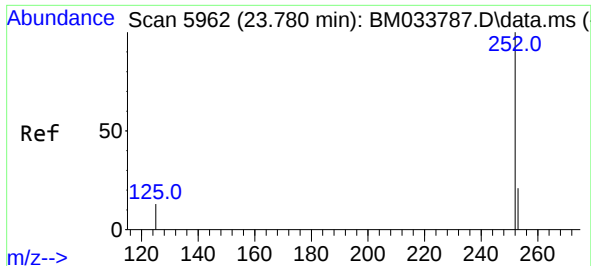
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#25
Benzo(k)fluoranthene
Concen: 0.111 ng/ul m
RT: 23.197 min Scan# 5721
Delta R.T. -0.005 min
Lab File: BM033796.D
Acq: 20 Jan 2022 19:35

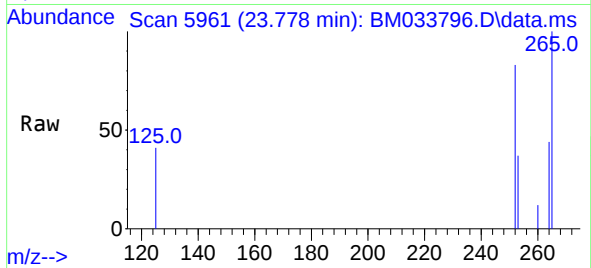
Tgt Ion:252 Resp: 3569
Ion Ratio Lower Upper
252 100
253 48.7 26.8 40.2#
125 56.4 12.0 18.0#





#26
Benzo(a)pyrene
Concen: 0.169 ng/u1
RT: 23.778 min Scan# 5961
Delta R.T. -0.002 min
Lab File: BM033796.D
Acq: 20 Jan 2022 19:35

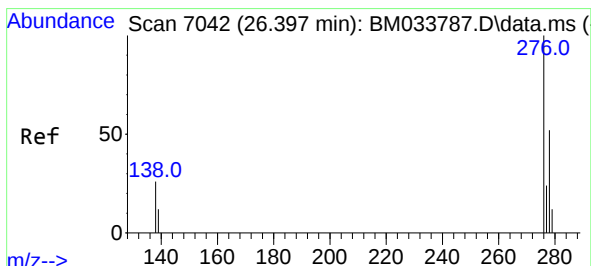
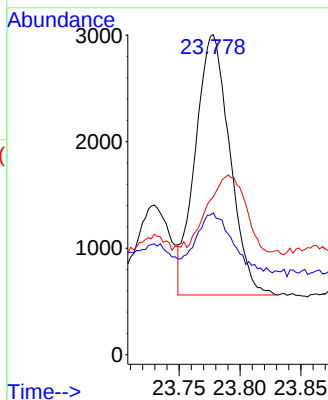
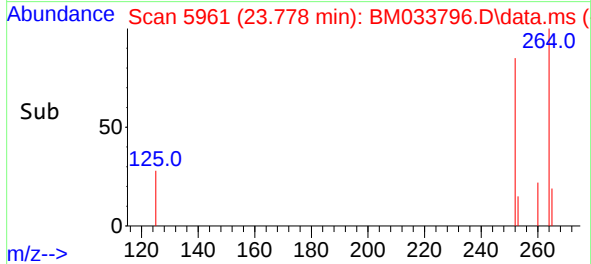
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DBM01



Tgt Ion:252 Resp: 4800
Ion Ratio Lower Upper
252 100
253 44.3 32.0 48.0
125 49.3 14.5 21.7

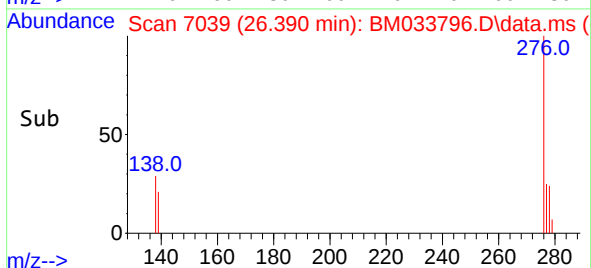
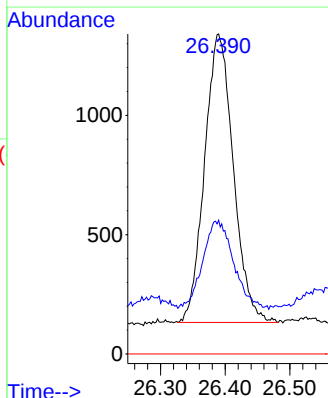
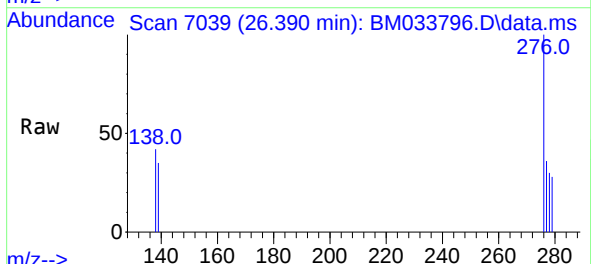
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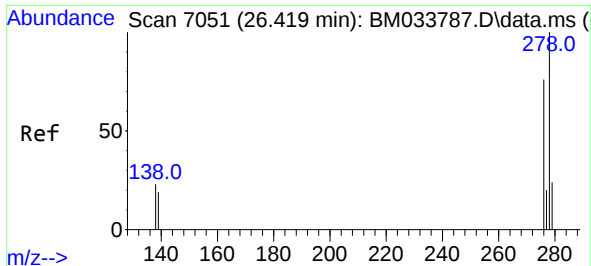
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/27/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.101 ng/u1
RT: 26.390 min Scan# 7039
Delta R.T. -0.007 min
Lab File: BM033796.D
Acq: 20 Jan 2022 19:35

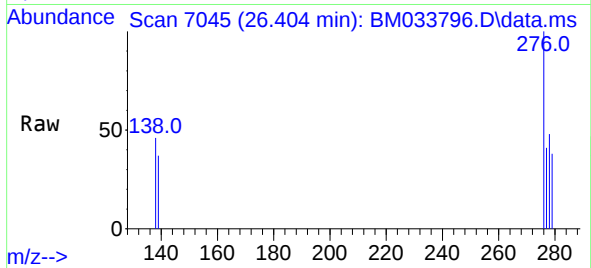
Tgt Ion:276 Resp: 3741
Ion Ratio Lower Upper
276 100
138 32.3 15.8 23.6#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 26.404 min Scan# 7045
Delta R.T. -0.014 min
Lab File: BM033796.D
Acq: 20 Jan 2022 19:35

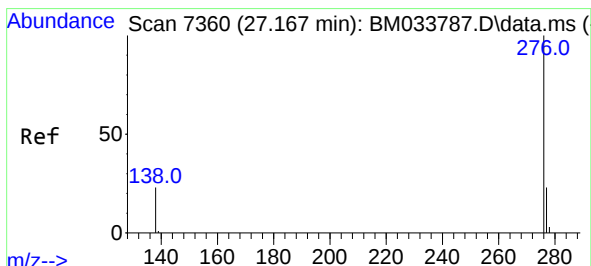
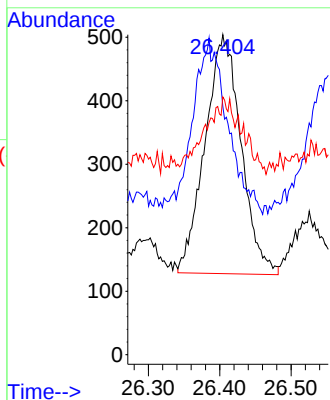
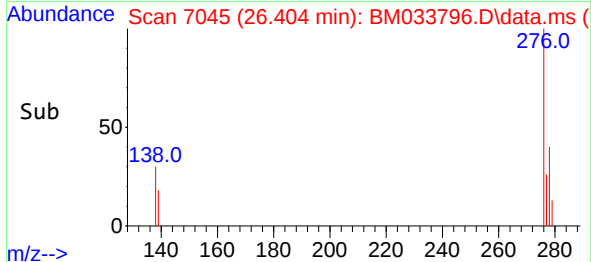
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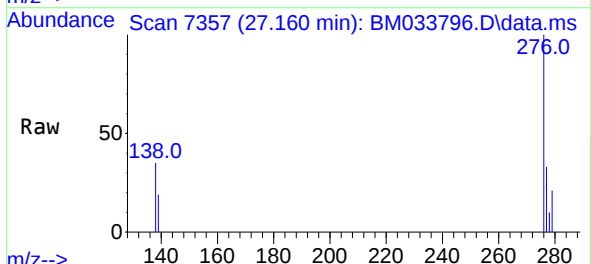
Tgt Ion:278 Resp: 132
Ion Ratio Lower Upper
278 100
139 77.6 18.0 27.0
279 80.6 28.6 42.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.147 ng/ul
RT: 27.160 min Scan# 7357
Delta R.T. -0.007 min
Lab File: BM033796.D
Acq: 20 Jan 2022 19:35



Tgt Ion:276 Resp: 4689
Ion Ratio Lower Upper
276 100
138 35.2 17.4 26.0
277 32.8 22.6 33.8

