

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
 Data File : BM034812.D
 Acq On : 25 Apr 2022 23:02
 Operator : CG/JU
 Sample : N2373-11DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFF0DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 26 03:07:34 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	7.943	152	6759	0.400	ng/ul	0.00
4) Naphthalene-d8	10.743	136	16796	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.571	164	8526	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.310	188	16314	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.484	240	12852	0.400	ng/ul	# 0.00
23) Perylene-d12	23.878	264	13285	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	3761	0.503	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	908	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	1886	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.289	152	6369	0.171	ng/ul#	92
15) Phenanthrene	17.348	178	13583	0.252	ng/ul	95
16) Anthracene	17.441	178	3697	0.077	ng/ul	99
19) Fluoranthene	19.364	202	32178	0.522	ng/ul	97
20) Pyrene	19.722	202	38823	0.627	ng/ul	97
21) Benzo(a)anthracene	21.467	228	18740	0.375	ng/ul	95
22) Chrysene	21.519	228	24196	0.454	ng/ul	99
24) Benzo(b)fluoranthene	23.147	252	33415	0.551	ng/ul	90
25) Benzo(k)fluoranthene	23.194	252	11647m	0.192	ng/ul	
26) Benzo(a)pyrene	23.770	252	24103	0.487	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.352	276	19655	0.283	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.362	278	4623	0.082	ng/ul#	79
29) Benzo(g,h,i)perylene	27.113	276	18875	0.315	ng/ul#	93

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

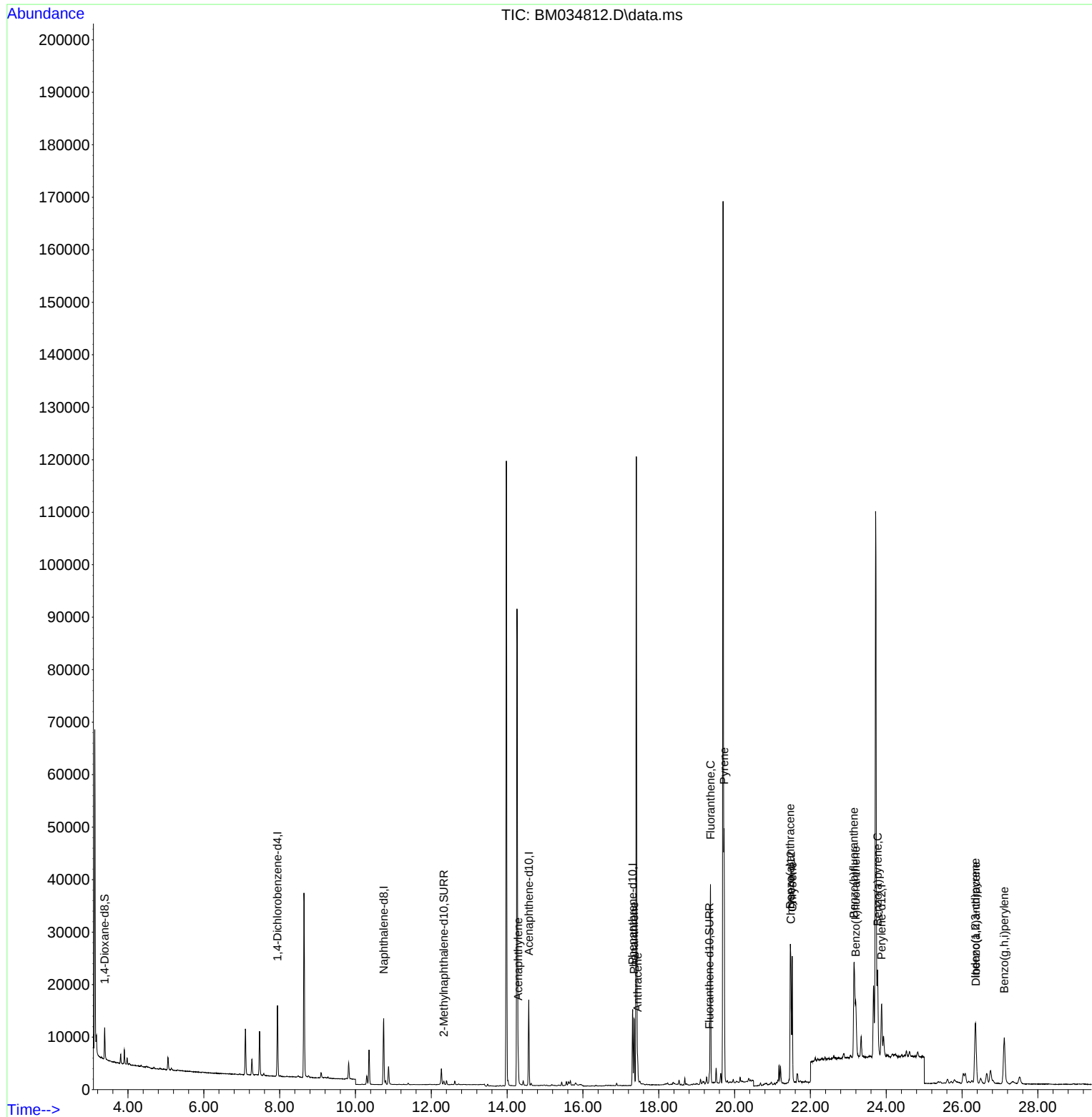
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042522\
Data File : BM034812.D
Acq On : 25 Apr 2022 23:02
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ALS Vial : 20 Sample Multiplier: 1

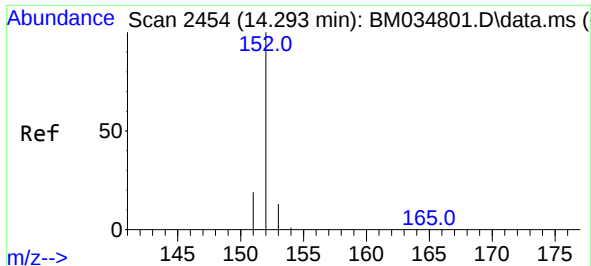
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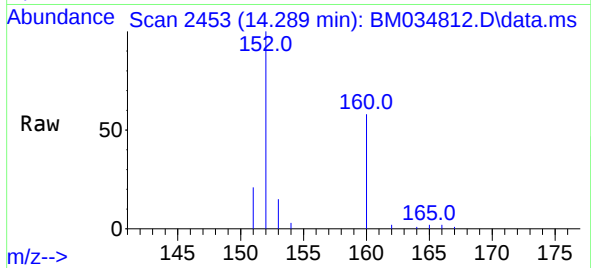
Quant Time: Apr 26 03:07:34 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.171 ng/ul
RT: 14.289 min Scan# 2454
Delta R.T. -0.007 min
Lab File: BM034812.D
Acq: 25 Apr 2022 23:02

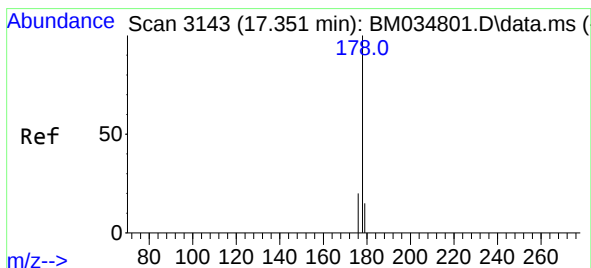
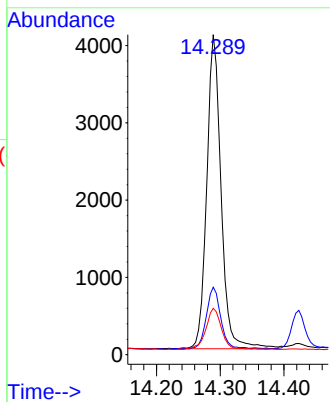
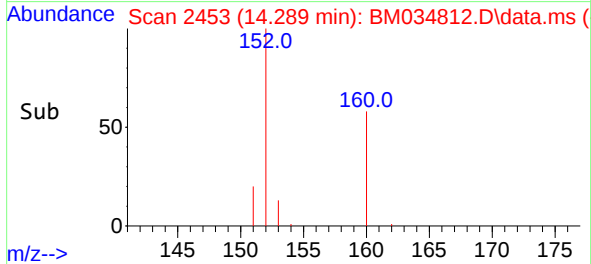
Instrument :
BNA_M
ClientSampleId :
BFFF0DL



Tgt Ion:152 Resp: 6369
Ion Ratio Lower Upper
152 100
151 21.1 19.9 29.9
153 14.5 15.0 22.4

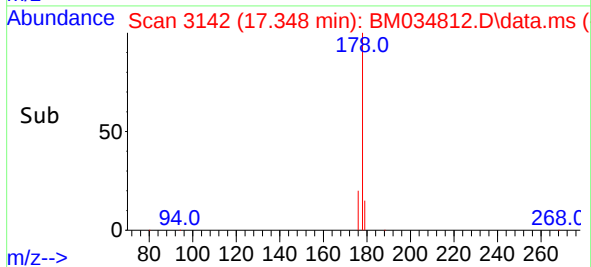
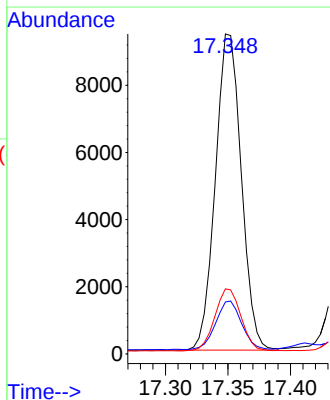
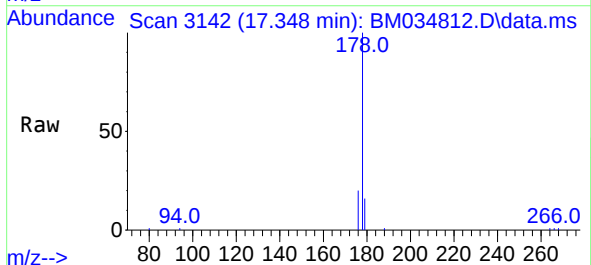
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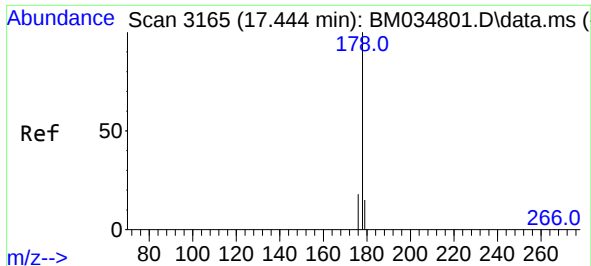
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#15
Phenanthrene
Concen: 0.252 ng/ul
RT: 17.348 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BM034812.D
Acq: 25 Apr 2022 23:02

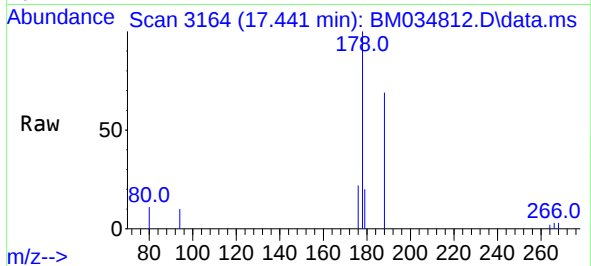
Tgt Ion:178 Resp: 13583
Ion Ratio Lower Upper
178 100
179 16.2 15.0 22.6
176 20.4 17.9 26.9





#16
 Anthracene
 Concen: 0.077 ng/ul
 RT: 17.441 min Scan# 3165
 Delta R.T. -0.006 min
 Lab File: BM034812.D
 Acq: 25 Apr 2022 23:02

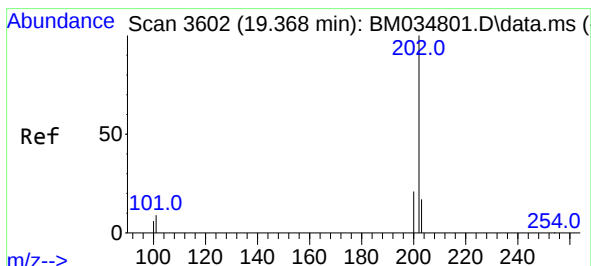
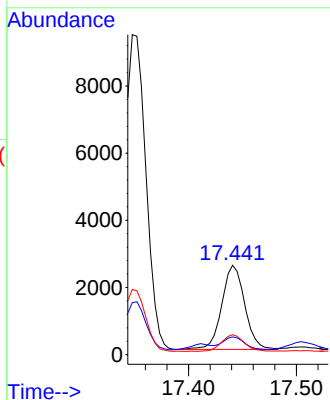
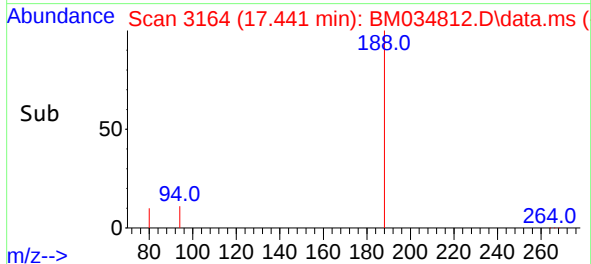
Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.8	16.5	24.7
176	22.4	18.3	27.5

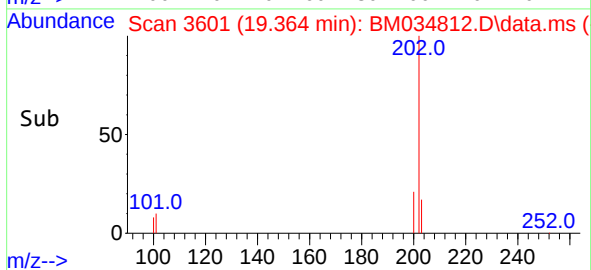
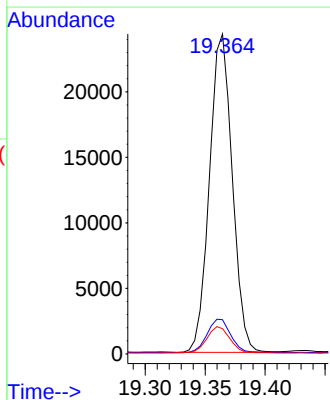
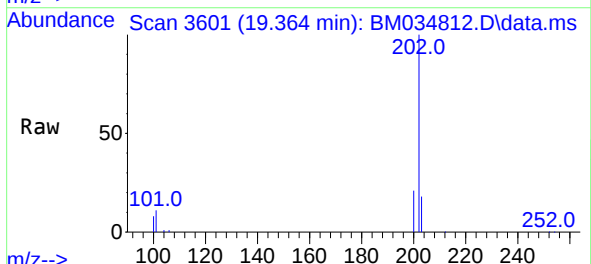
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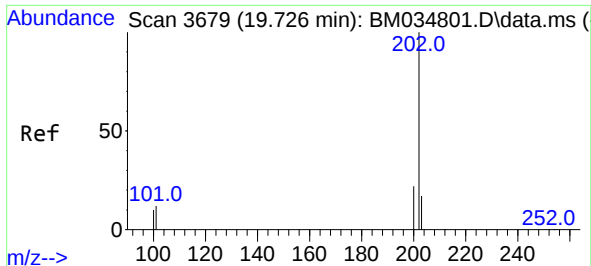
Reviewed By :Jagrut Upadhyay 04/26/2022
 Supervised By :Yogesh Patel 04/29/2022



#19
 Fluoranthene
 Concen: 0.522 ng/ul
 RT: 19.364 min Scan# 3601
 Delta R.T. -0.002 min
 Lab File: BM034812.D
 Acq: 25 Apr 2022 23:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.2	13.8
100	7.9	7.2	10.8





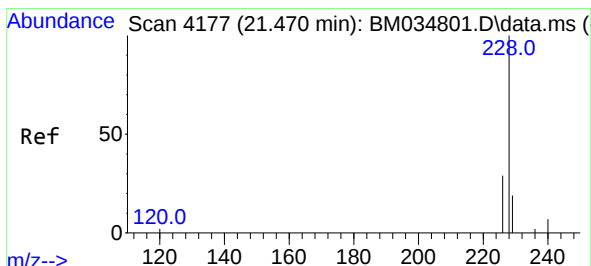
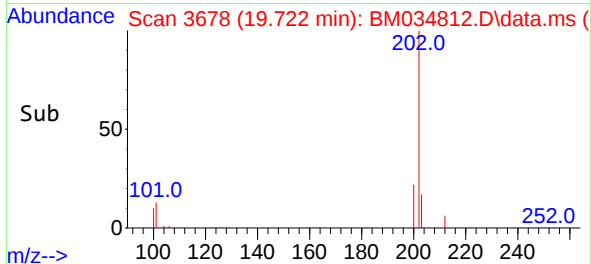
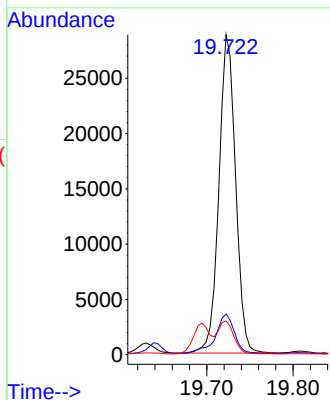
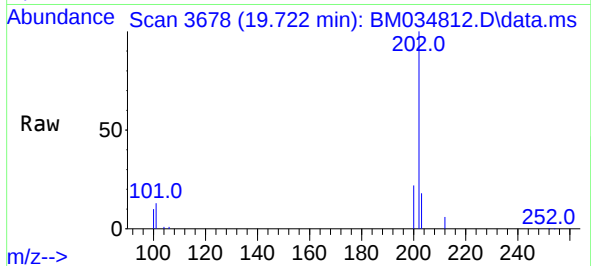
#20
Pyrene
Concen: 0.627 ng/ul
RT: 19.722 min Scan# 30
Delta R.T. -0.007 min
Lab File: BM034812.D
Acq: 25 Apr 2022 23:02

Instrument :
BNA_M
ClientSampleId :
BFFFODL

Tgt Ion:202 Resp: 3882
Ion Ratio Lower Upper
202 100
101 12.7 9.3 13.9
100 10.5 7.8 11.6

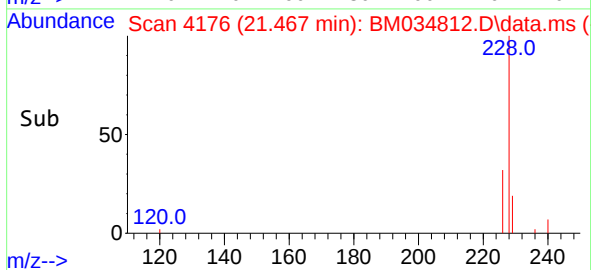
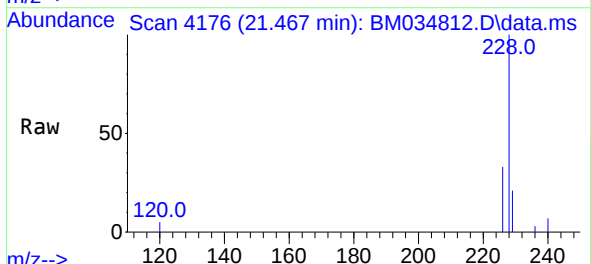
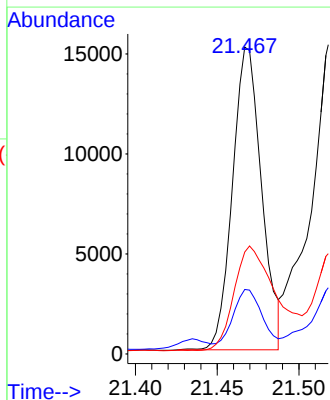
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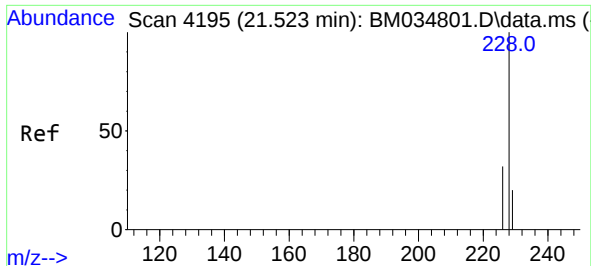
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Supervised By :Yogesh Patel 04/29/2022



#21
Benzo(a)anthracene
Concen: 0.375 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.005 min
Lab File: BM034812.D
Acq: 25 Apr 2022 23:02

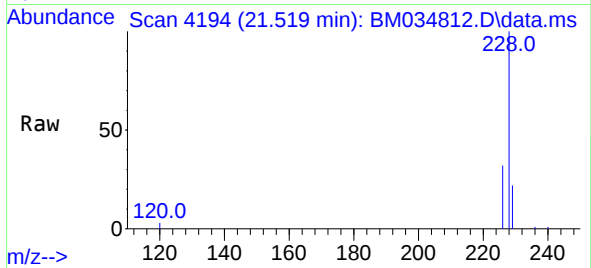
Tgt Ion:228 Resp: 18740
Ion Ratio Lower Upper
228 100
229 21.0 17.3 25.9
226 33.2 23.2 34.8





#22
Chrysene
Concen: 0.454 ng/ul
RT: 21.519 min Scan# 4194
Delta R.T. -0.005 min
Lab File: BM034812.D
Acq: 25 Apr 2022 23:02

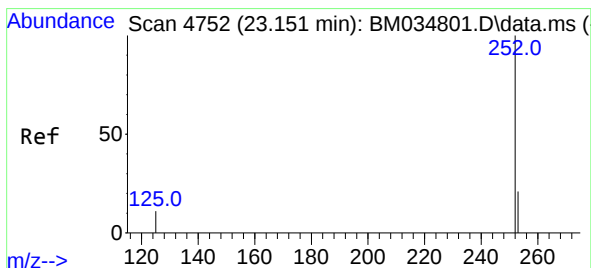
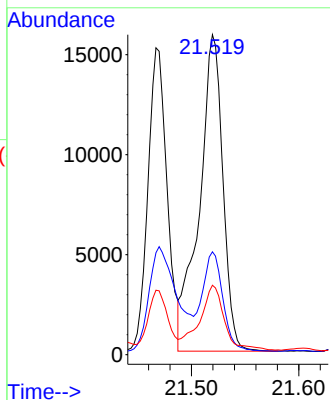
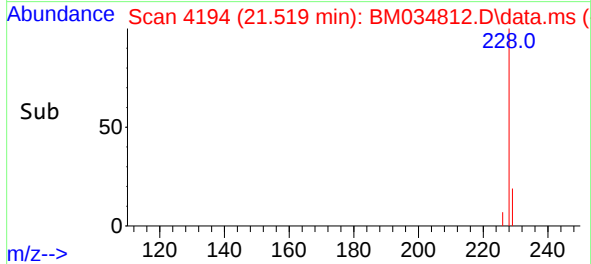
Instrument :
BNA_M
ClientSampleId :
BFFF0DL



Tgt Ion:228 Resp: 24190
Ion Ratio Lower Upper
228 100
226 32.2 25.8 38.8
229 21.7 16.7 25.1

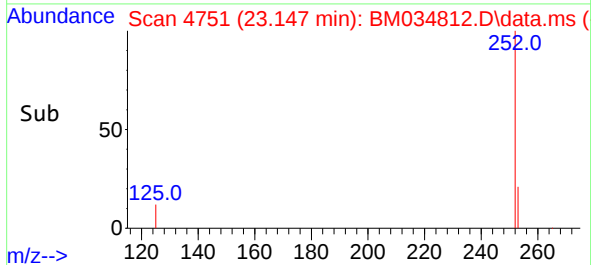
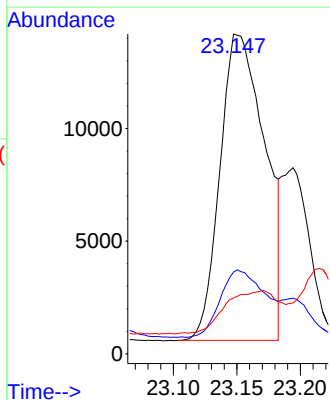
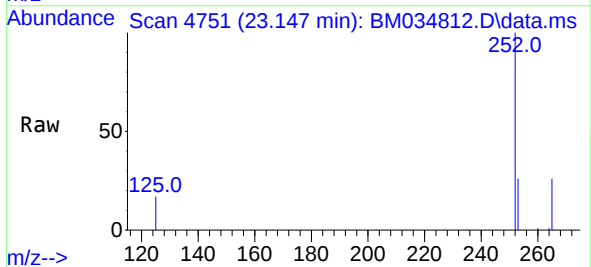
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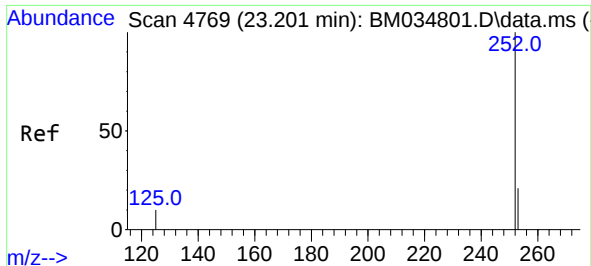
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022



#24
Benzo(b)fluoranthene
Concen: 0.551 ng/ul
RT: 23.147 min Scan# 4751
Delta R.T. -0.005 min
Lab File: BM034812.D
Acq: 25 Apr 2022 23:02

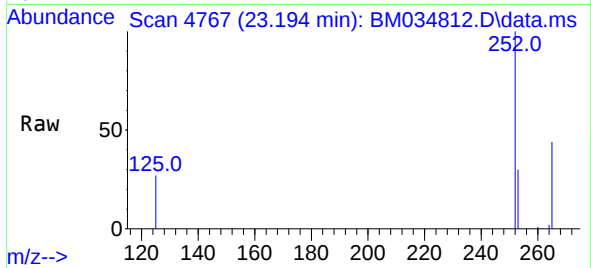
Tgt Ion:252 Resp: 33415
Ion Ratio Lower Upper
252 100
253 25.6 0.0 64.2
125 17.5 0.0 28.8





#25
Benzo(k)fluoranthene
Concen: 0.192 ng/ul m
RT: 23.194 min Scan# 4767
Delta R.T. -0.008 min
Lab File: BM034812.D
Acq: 25 Apr 2022 23:02

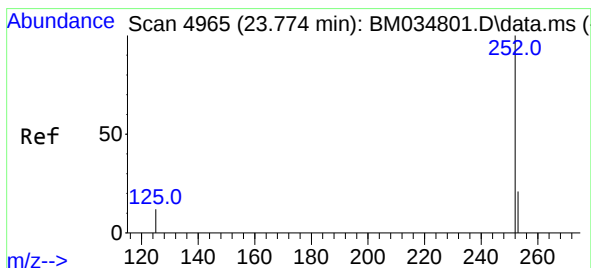
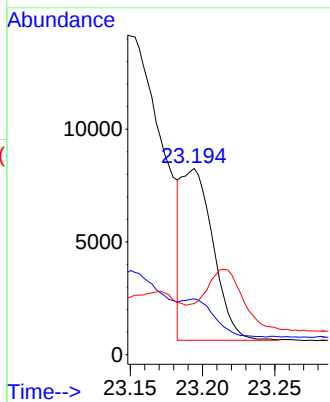
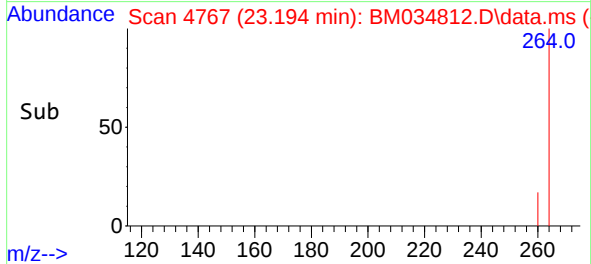
Instrument :
BNA_M
ClientSampleId :
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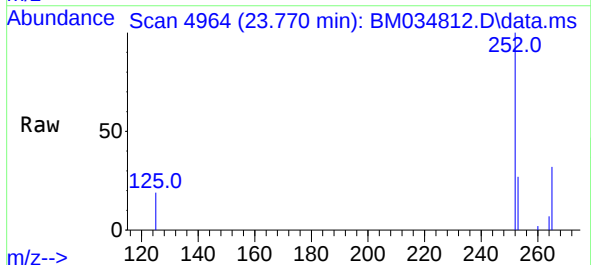
Tgt Ion:252 Resp: 1164
Ion Ratio Lower Upper
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253 30.0 26.8 40.2
125 27.4 12.0 18.0

Manual Integrations
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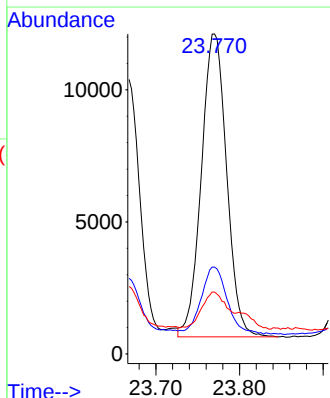
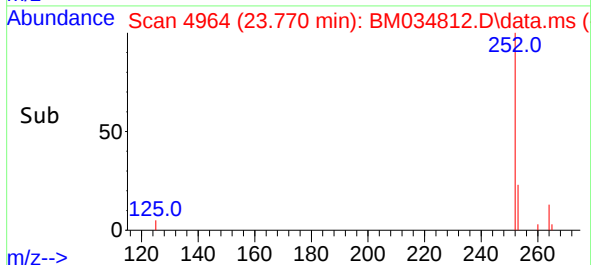
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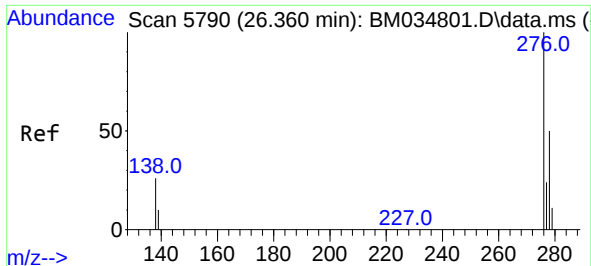


#26
Benzo(a)pyrene
Concen: 0.487 ng/ul
RT: 23.770 min Scan# 4964
Delta R.T. -0.005 min
Lab File: BM034812.D
Acq: 25 Apr 2022 23:02



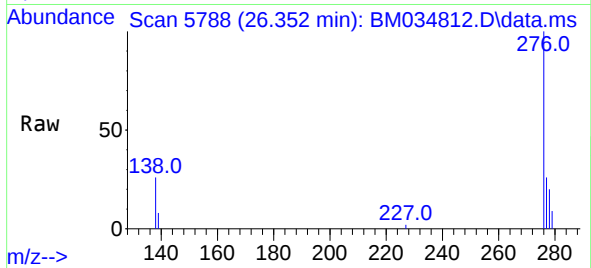
Tgt Ion:252 Resp: 24103
Ion Ratio Lower Upper
252 100
253 27.2 32.0 48.0#
125 19.3 14.5 21.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.283 ng/ul
RT: 26.352 min Scan# 5788
Delta R.T. -0.009 min
Lab File: BM034812.D
Acq: 25 Apr 2022 23:02

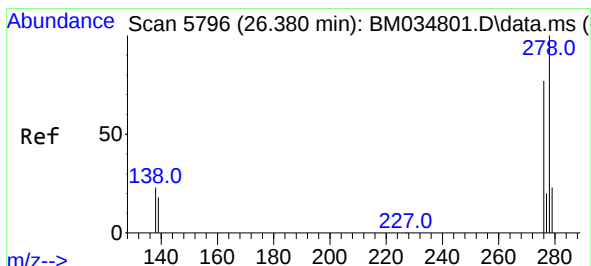
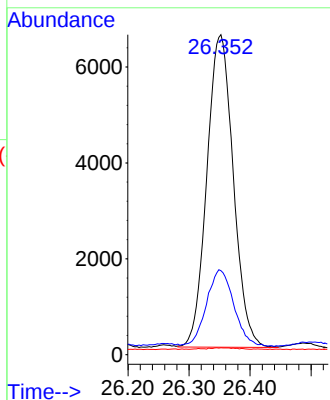
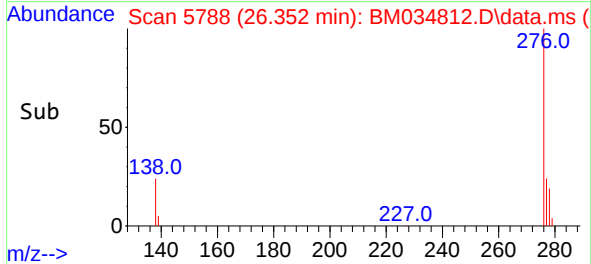
Instrument :
BNA_M
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BFFF0DL



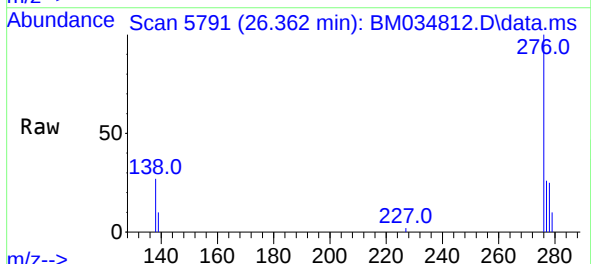
Tgt Ion:276 Resp: 1965
Ion Ratio Lower Upper
276 100
138 25.6 15.8 23.6
227 0.5 0.0 0.0

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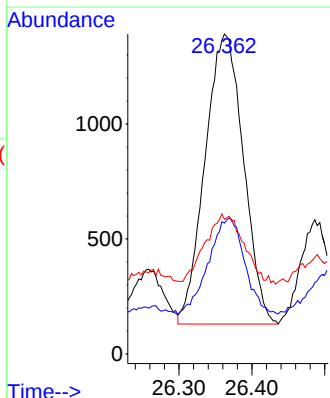
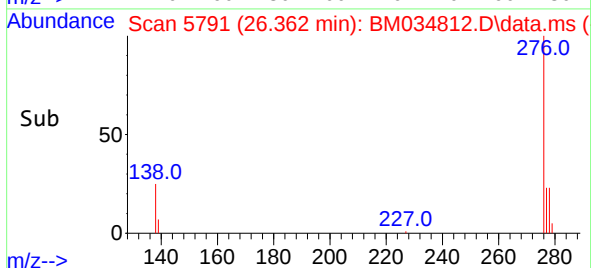
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/29/2022

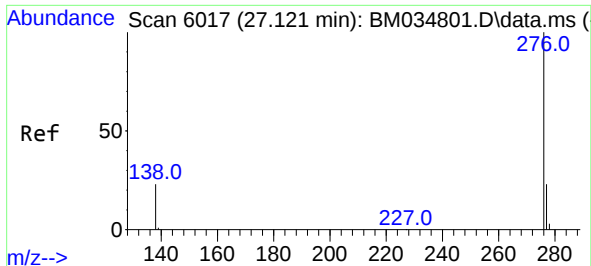


#28
Dibenzo(a,h)anthracene
Concen: 0.082 ng/ul
RT: 26.362 min Scan# 5791
Delta R.T. -0.022 min
Lab File: BM034812.D
Acq: 25 Apr 2022 23:02



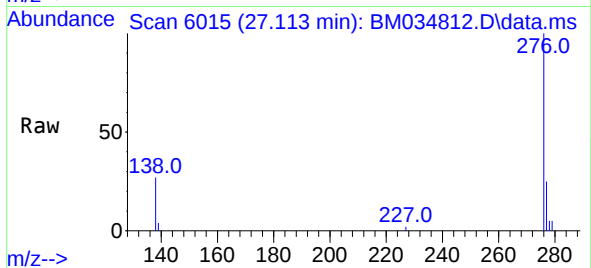
Tgt Ion:278 Resp: 4623
Ion Ratio Lower Upper
278 100
139 40.9 18.0 27.0
279 42.1 28.6 42.8





#29
 Benzo(g,h,i)perylene
 Concen: 0.315 ng/ul
 RT: 27.113 min Scan# 6015
 Delta R.T. -0.005 min
 Lab File: BM034812.D
 Acq: 25 Apr 2022 23:02

Instrument :
 BNA_M
 ClientSampleId :
 BFFF0DL



Tgt Ion:276 Resp: 18875
 Ion Ratio Lower Upper
 276 100
 138 26.6 17.4 26.0
 277 25.4 22.6 33.8

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