

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
 Data File : BM034788.D
 Acq On : 23 Apr 2022 03:25
 Operator : CG/JU
 Sample : N2373-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFFF3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/25/2022
 Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 23 04:30:01 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	7.947	152	7572	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.749	136	19629	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.575	164	10267	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	18396	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.485	240	13042	0.400	ng/ul	# 0.00
23) Perylene-d12	23.879	264	14272	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.386	96	21136	2.524	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	5187	0.188	ng/ul	0.00
18) Fluoranthene-d10	19.335	212	8747	0.213	ng/ul	0.00
Target Compounds						
15) Phenanthrene	17.351	178	2475	0.041	ng/ul	96
19) Fluoranthene	19.368	202	3962	0.063	ng/ul#	94
20) Pyrene	19.726	202	4744m	0.075	ng/ul	
21) Benzo(a)anthracene	21.470	228	1844	0.036	ng/ul#	76
22) Chrysene	21.523	228	2704	0.050	ng/ul#	87
24) Benzo(b)fluoranthene	23.154	252	3207	0.049	ng/ul#	29
25) Benzo(k)fluoranthene	23.201	252	1395m	0.021	ng/ul	
26) Benzo(a)pyrene	23.774	252	1974	0.037	ng/ul#	35
27) Indeno(1,2,3-cd)pyrene	26.356	276	1869	0.025	ng/ul#	57
29) Benzo(g,h,i)perylene	27.117	276	1730	0.027	ng/ul#	50

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

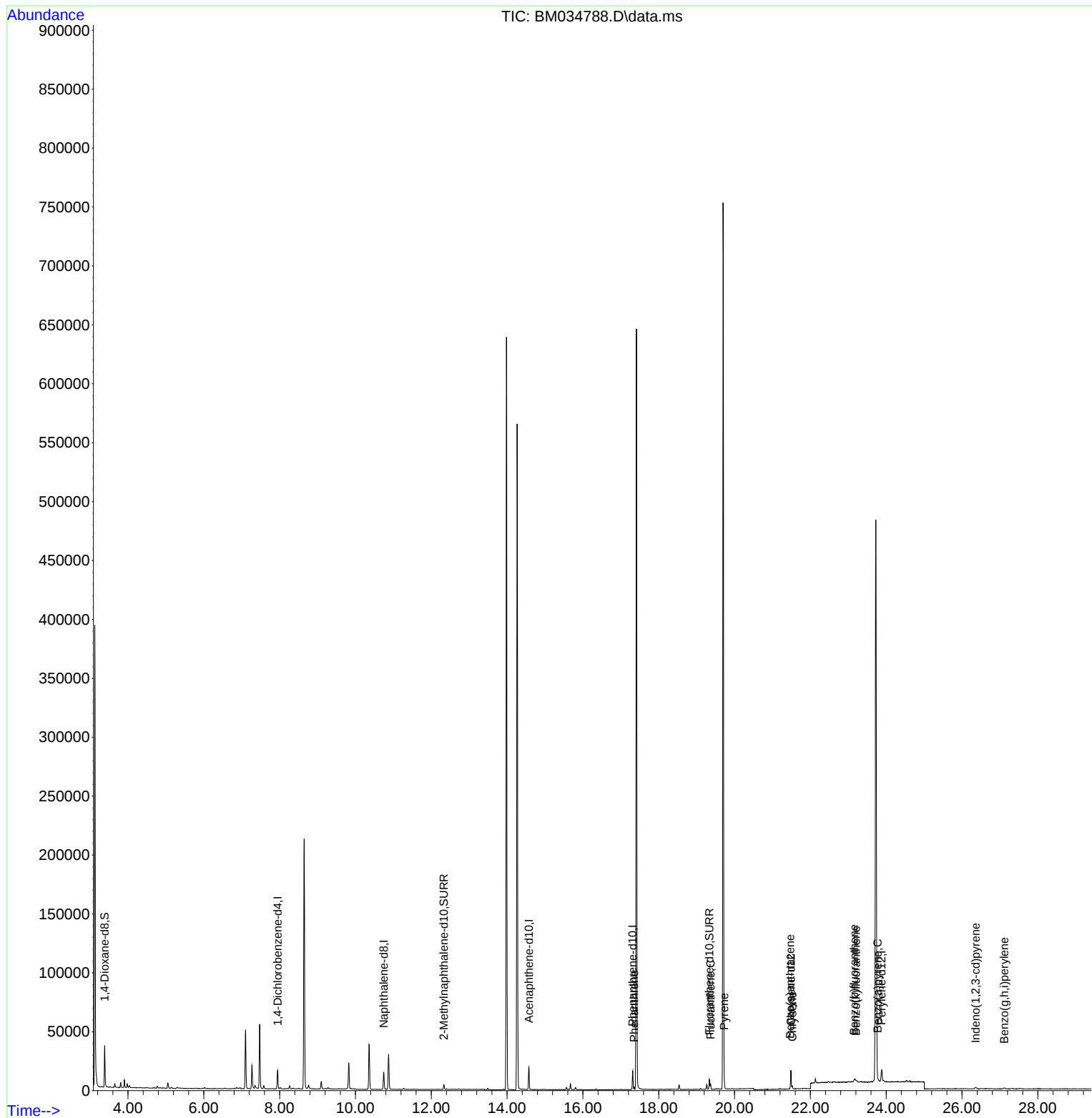
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042222\
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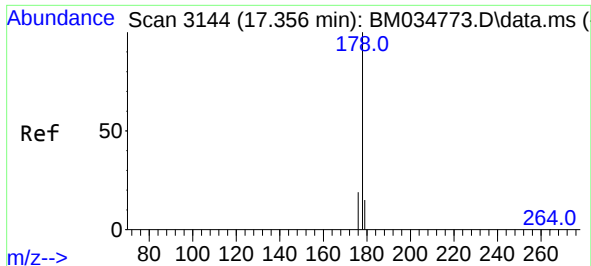
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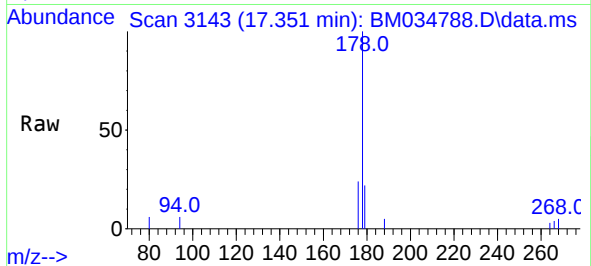
Quant Time: Apr 23 04:30:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 16:54:34 2022
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#15
Phenanthrene
Concen: 0.041 ng/u1
RT: 17.351 min Scan# 3143
Delta R.T. -0.003 min
Lab File: BM034788.D
Acq: 23 Apr 2022 03:25

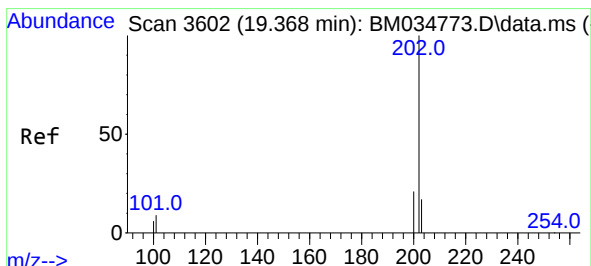
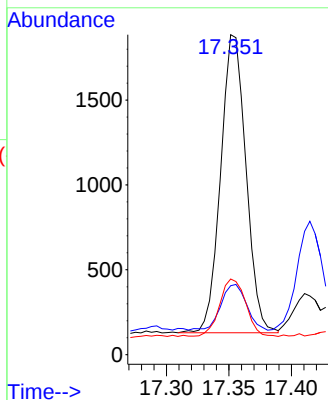
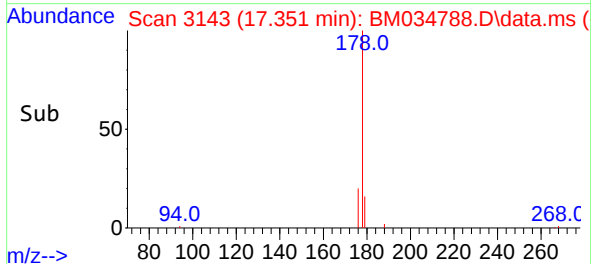
Instrument :
BNA_M
ClientSampleId :
BFFF3



Tgt Ion:178 Resp: 2475
Ion Ratio Lower Upper
178 100
179 21.5 15.0 22.6
176 23.6 17.9 26.9

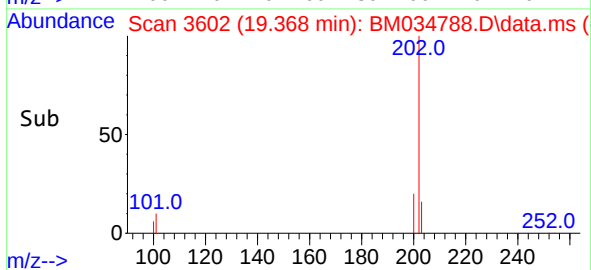
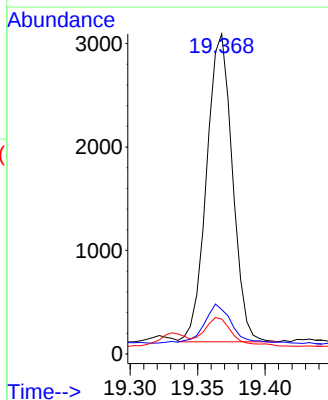
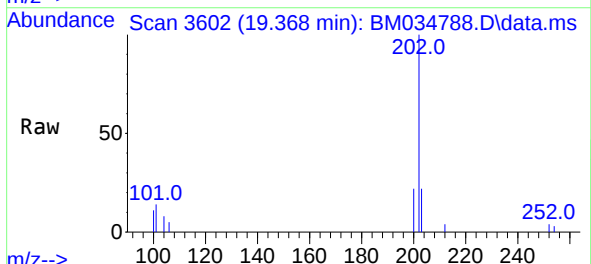
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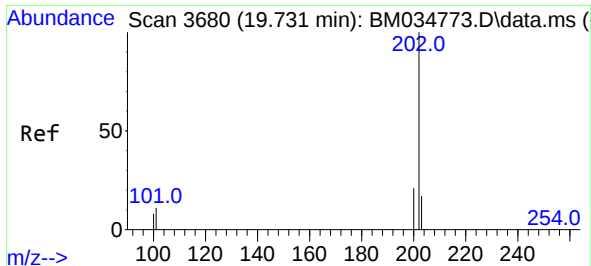
Reviewed By :Jagrut Upadhyay 04/25/2022
Supervised By :mohammad ahmed 04/26/2022



#19
Fluoranthene
Concen: 0.063 ng/u1
RT: 19.368 min Scan# 3602
Delta R.T. 0.001 min
Lab File: BM034788.D
Acq: 23 Apr 2022 03:25

Tgt Ion:202 Resp: 3962
Ion Ratio Lower Upper
202 100
101 13.8 9.2 13.8#
100 10.9 7.2 10.8#





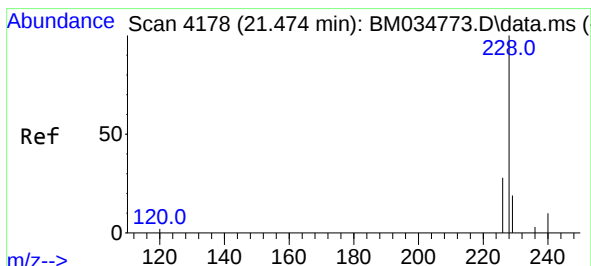
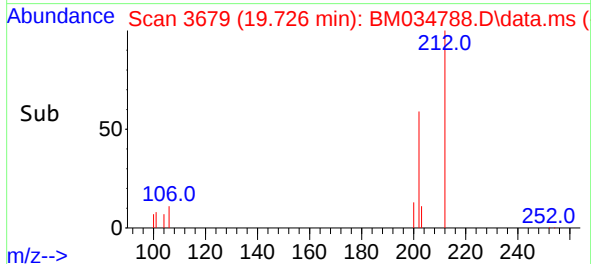
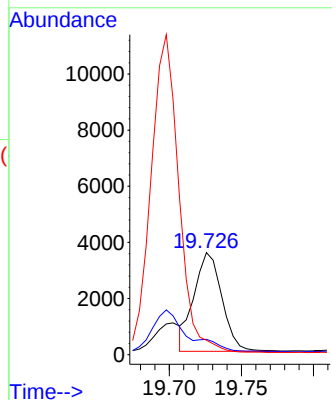
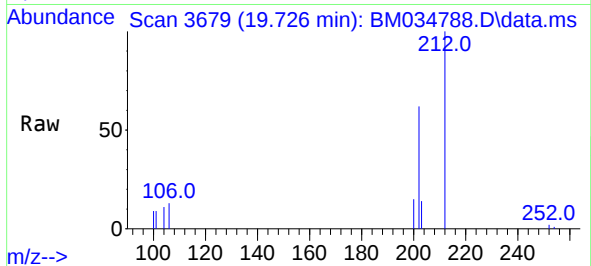
#20
Pyrene
Concen: 0.075 ng/ul m
RT: 19.726 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM034788.D
Acq: 23 Apr 2022 03:25

Instrument :
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ClientSampleId :
BFFF3

Tgt Ion:202 Resp: 4744
Ion Ratio Lower Upper
202 100
101 15.1 9.3 13.9#
100 14.0 7.8 11.6#

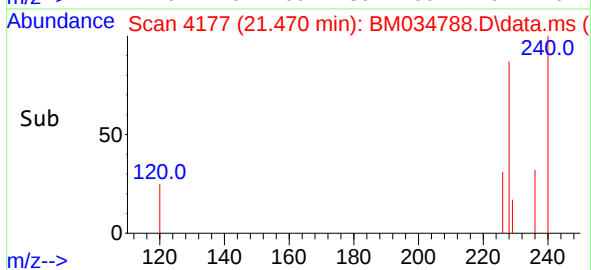
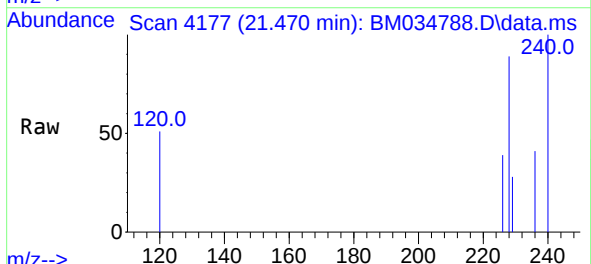
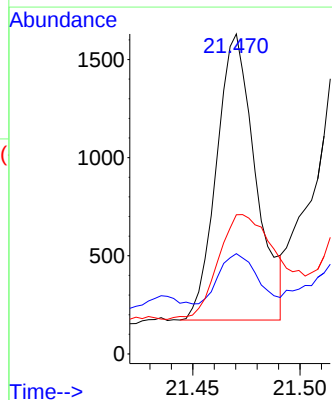
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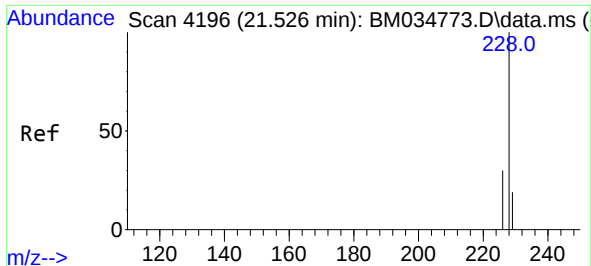
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Supervised By :mohammad ahmed 04/26/2022



#21
Benzo(a)anthracene
Concen: 0.036 ng/ul
RT: 21.470 min Scan# 4177
Delta R.T. -0.002 min
Lab File: BM034788.D
Acq: 23 Apr 2022 03:25

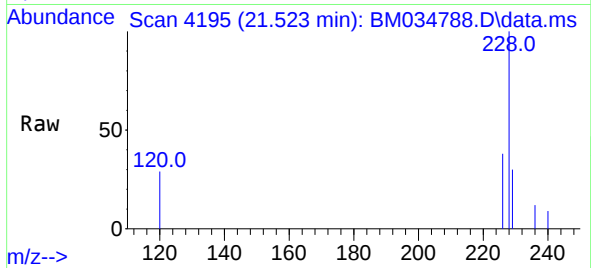
Tgt Ion:228 Resp: 1844
Ion Ratio Lower Upper
228 100
229 31.3 17.3 25.9#
226 43.5 23.2 34.8#





#22
Chrysene
Concen: 0.050 ng/u1
RT: 21.523 min Scan# 4196
Delta R.T. -0.002 min
Lab File: BM034788.D
Acq: 23 Apr 2022 03:25

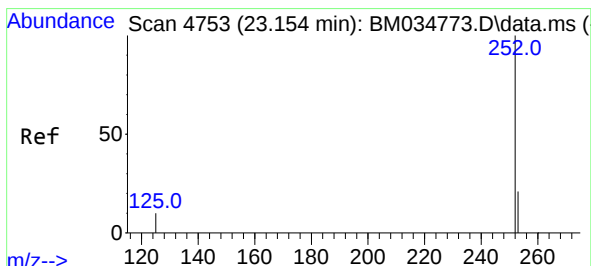
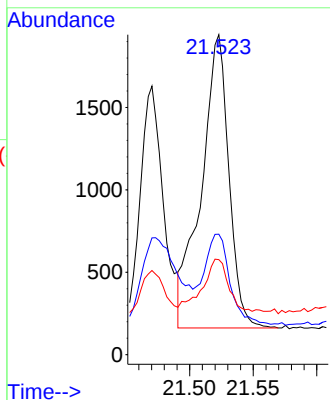
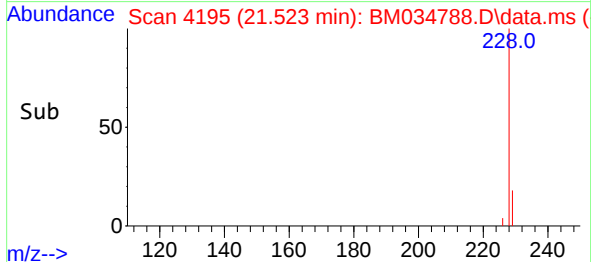
Instrument :
BNA_M
ClientSampleId :
BFFF3



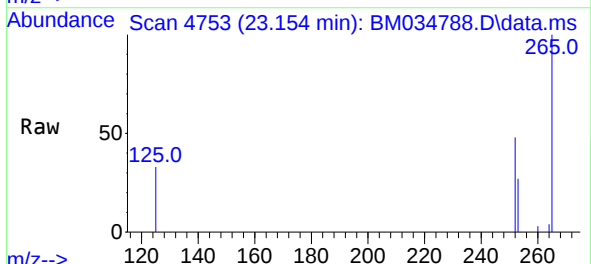
Tgt Ion:228 Resp: 2704
Ion Ratio Lower Upper
228 100
226 37.6 25.8 38.8
229 29.7 16.7 25.1

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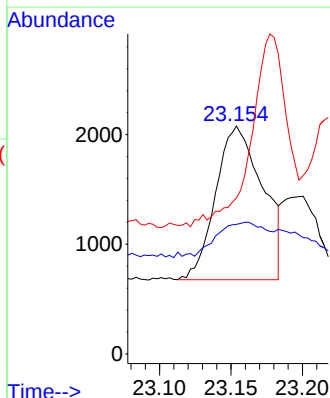
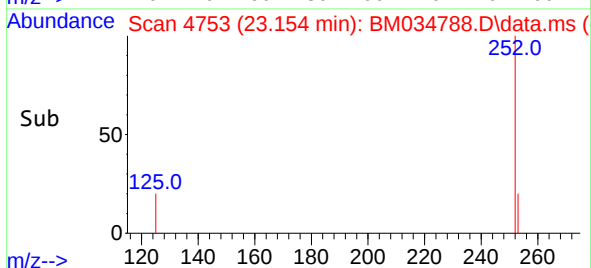
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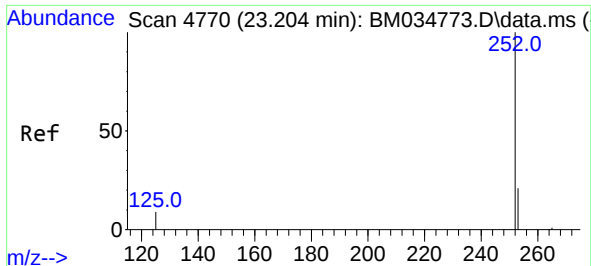


#24
Benzo(b)fluoranthene
Concen: 0.049 ng/u1
RT: 23.154 min Scan# 4753
Delta R.T. 0.001 min
Lab File: BM034788.D
Acq: 23 Apr 2022 03:25



Tgt Ion:252 Resp: 3207
Ion Ratio Lower Upper
252 100
253 56.9 0.0 64.2
125 68.4 0.0 28.8





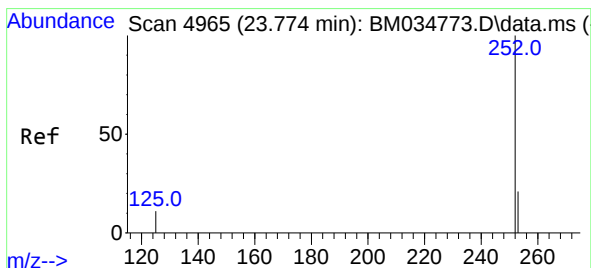
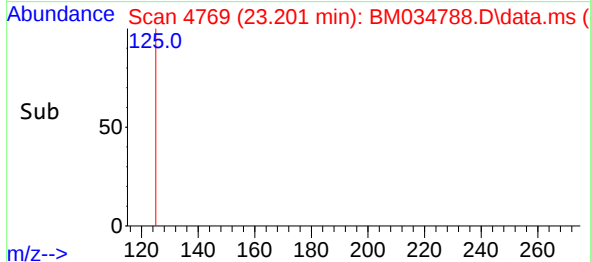
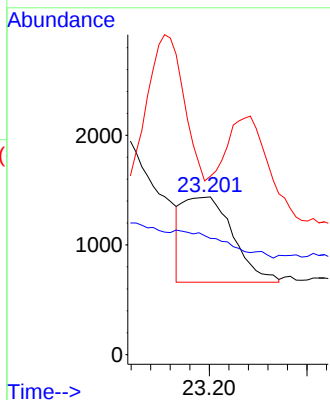
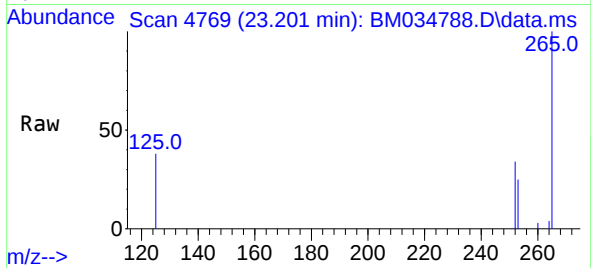
#25
Benzo(k)fluoranthene
Concen: 0.021 ng/ul m
RT: 23.201 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM034788.D
Acq: 23 Apr 2022 03:25

Instrument :
BNA_M
ClientSampleId :
BFFF3

Tgt Ion:252 Resp: 139
Ion Ratio Lower Upper
252 100
253 73.8 26.8 40.2
125 113.1 12.0 18.0

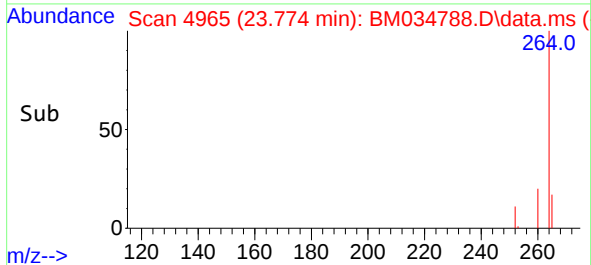
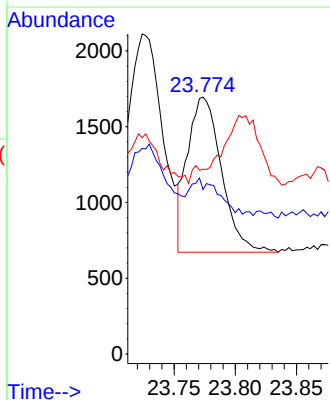
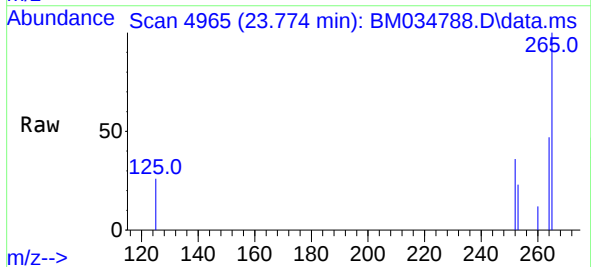
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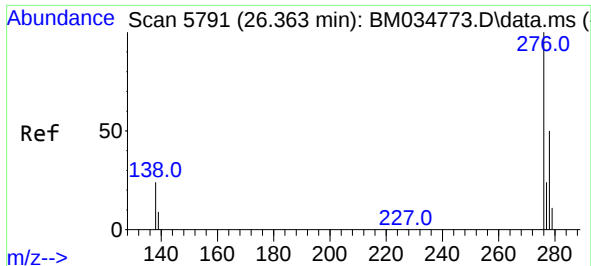
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#26
Benzo(a)pyrene
Concen: 0.037 ng/ul
RT: 23.774 min Scan# 4965
Delta R.T. -0.002 min
Lab File: BM034788.D
Acq: 23 Apr 2022 03:25

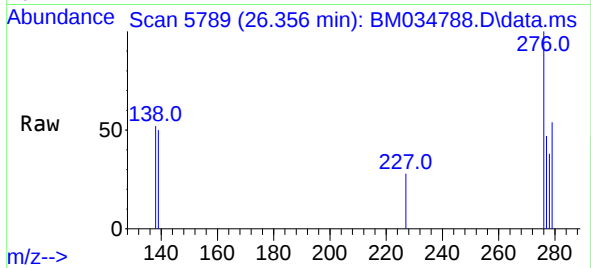
Tgt Ion:252 Resp: 1974
Ion Ratio Lower Upper
252 100
253 64.0 32.0 48.0#
125 71.9 14.5 21.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng/ul
RT: 26.356 min Scan# 5789
Delta R.T. -0.005 min
Lab File: BM034788.D
Acq: 23 Apr 2022 03:25

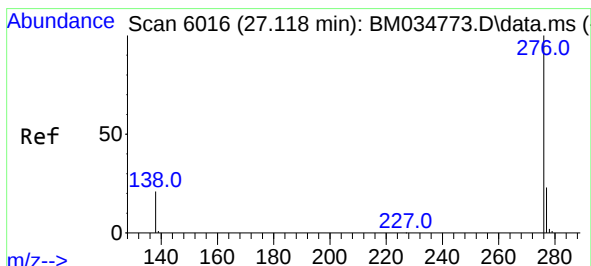
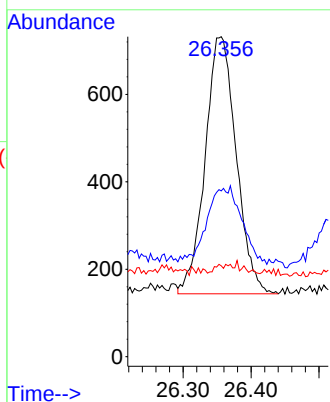
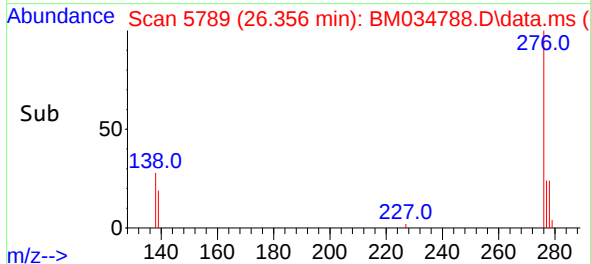
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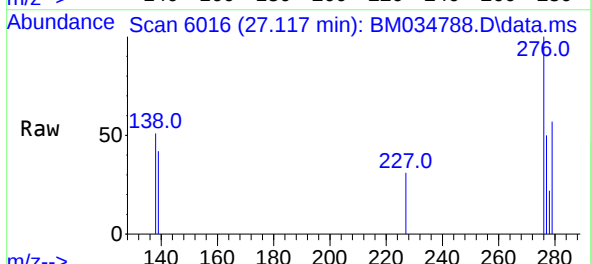
Tgt Ion:276 Resp: 1869
Ion Ratio Lower Upper
276 100
138 0.0 15.8 23.6#
227 1.2 0.0 0.0#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.027 ng/ul
RT: 27.117 min Scan# 6016
Delta R.T. -0.002 min
Lab File: BM034788.D
Acq: 23 Apr 2022 03:25



Tgt Ion:276 Resp: 1730
Ion Ratio Lower Upper
276 100
138 50.9 17.4 26.0#
277 50.0 22.6 33.8#

