

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031196.D
 Acq On : 27 Jul 2021 12:53
 Operator : CG/JU
 Sample : M3010-03DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEE0DL

Manual Integrations
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Quant Time: Jul 27 13:37:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 27 12:13:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	1450	0.40	ng/ul	0.00
4) Naphthalene-d8	10.397	136	5624	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.258	164	3756	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	8194	0.40	ng/ul	0.00
17) Chrysene-d12	21.193	240	6533	0.40	ng/ul	0.00
23) Perylene-d12	23.365	264	5157	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.220	96	642	0.42	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	228	0.02	ng/ul	0.00
18) Fluoranthene-d10	19.031	212	607	0.03	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.446	128	464	0.03	ng/ul#	74
15) Phenanthrene	17.044	178	2434	0.09	ng/ul	96
16) Anthracene	17.134	178	1417	0.06	ng/ul#	91
19) Fluoranthene	19.062	202	7805	0.30	ng/ul#	96
20) Pyrene	19.424	202	6713	0.25	ng/ul	96
21) Benzo(a)anthracene	21.176	228	4295	0.16	ng/ul	94
22) Chrysene	21.227	228	3858	0.14	ng/ul	96
24) Benzo(b)fluoranthene	22.721	252	4221m	0.17	ng/ul	
25) Benzo(k)fluoranthene	22.757	252	2023m	0.08	ng/ul	
26) Benzo(a)pyrene	23.268	252	2822	0.13	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.514	276	1493	0.05	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.529	278	458	0.02	ng/ul#	7

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

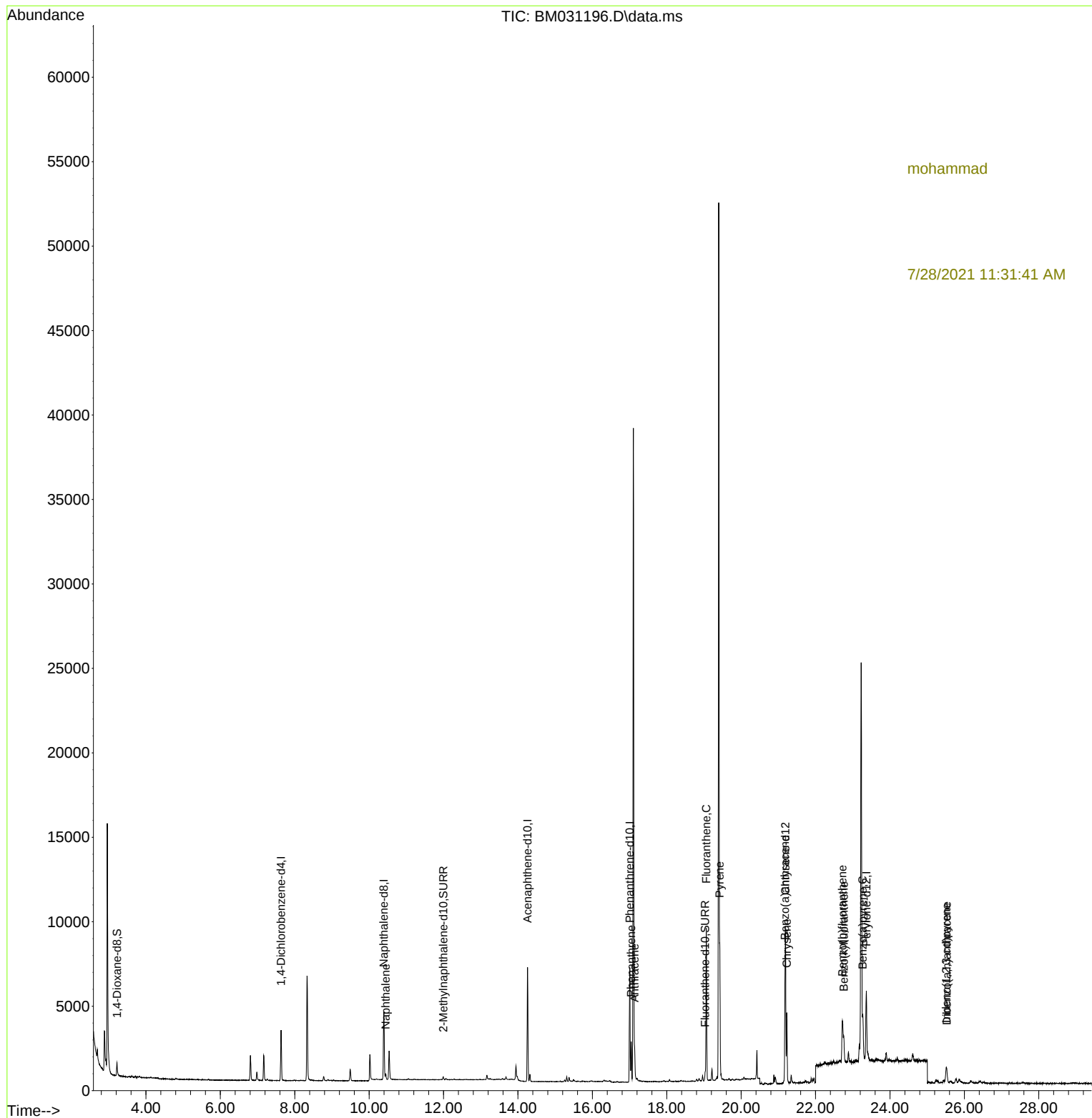
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
Data File : BM031196.D
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Operator : CG/JU
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ALS Vial : 43 Sample Multiplier: 1

Instrument :
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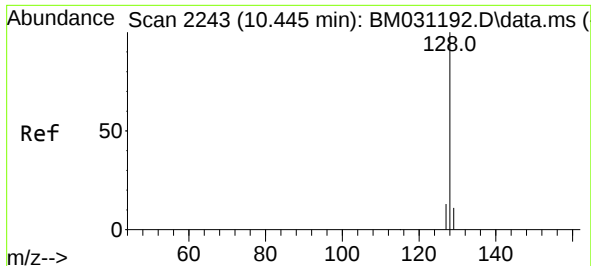
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Quant Time: Jul 27 13:37:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
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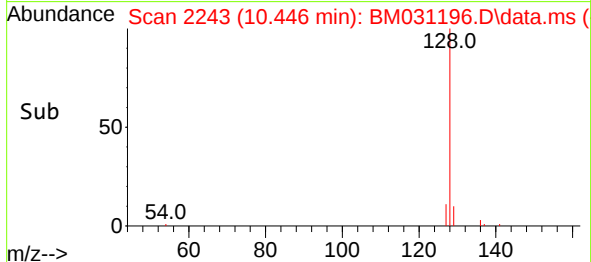
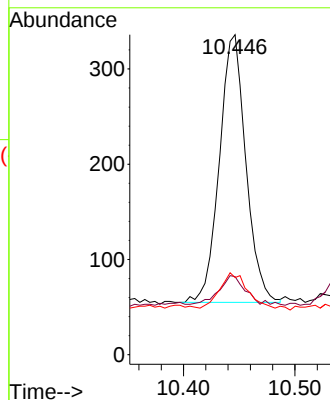
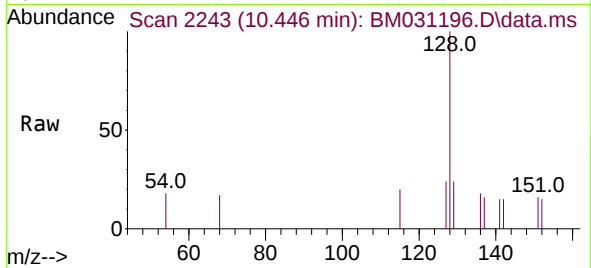
#5
Naphthalene
Concen: 0.03 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. 0.001 min
Lab File: BM031196.D
Acq: 27 Jul 2021 12:53

Tgt Ion:	128	Resp:	464
Ion Ratio	Lower	Upper	
128	100		
129	24.4	10.2	15.4#
127	24.1	11.8	17.8#

Instrument :
BNA_M
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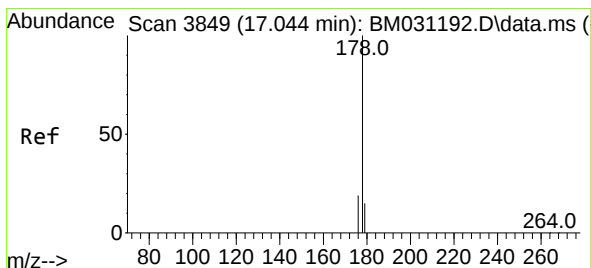
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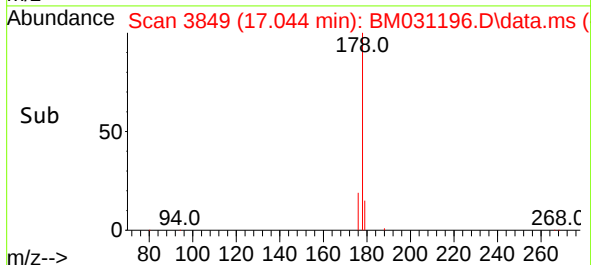
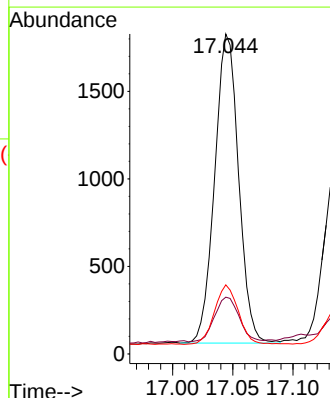
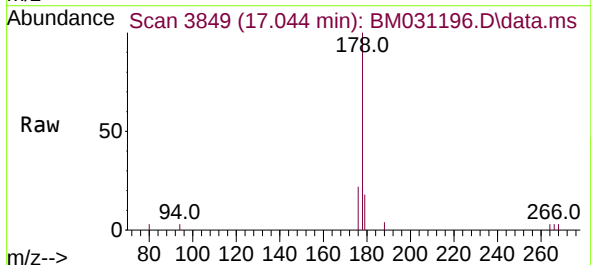
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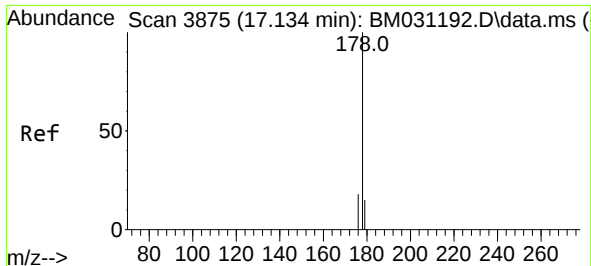
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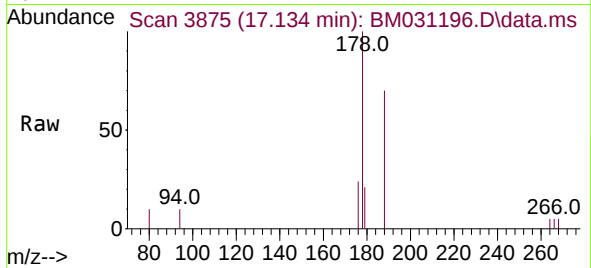
#15
Phenanthrene
Concen: 0.09 ng/ul
RT: 17.044 min Scan# 3849
Delta R.T. 0.001 min
Lab File: BM031196.D
Acq: 27 Jul 2021 12:53

Tgt Ion:	178	Resp:	2434
Ion Ratio	Lower	Upper	
178	100		
179	17.7	13.3	19.9
176	21.6	15.4	23.2

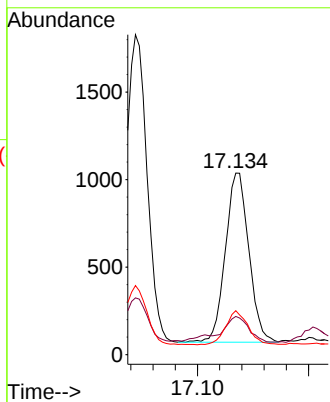
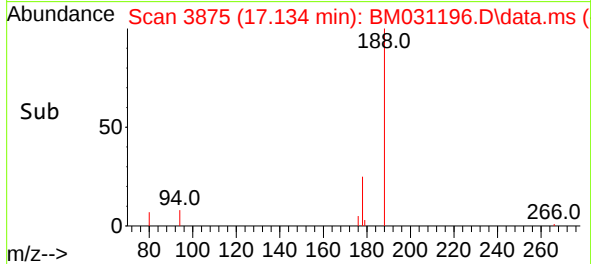




#16
 Anthracene
 Concen: 0.06 ng/ul
 RT: 17.134 min Scan# 3875
 Delta R.T. 0.001 min
 Lab File: BM031196.D
 Acq: 27 Jul 2021 12:53



Tgt Ion:178 Resp: 1417
 Ion Ratio Lower Upper
 178 100
 179 21.0 13.8 20.8#
 176 24.2 15.7 23.5#



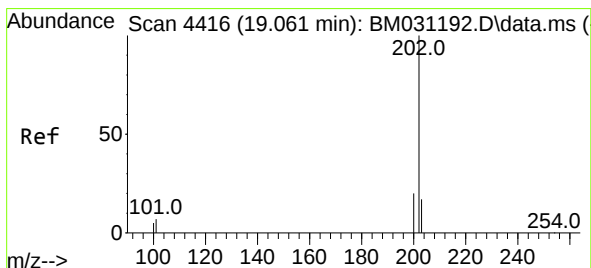
Instrument :
 BNA_M
 ClientSampleId :
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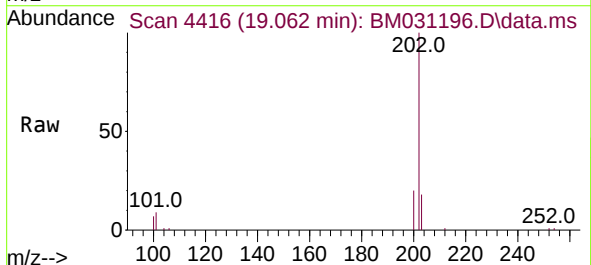
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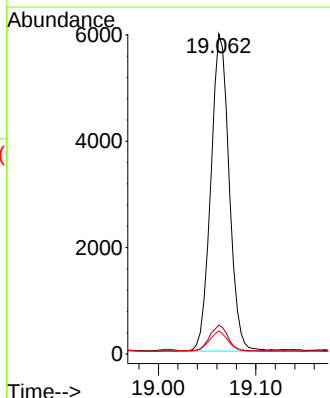
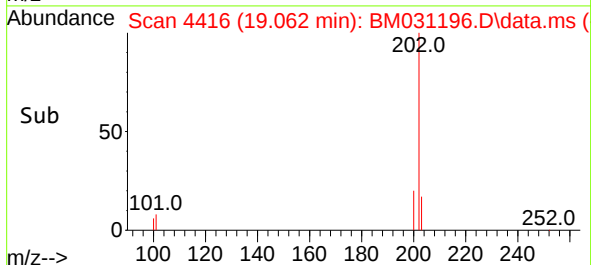
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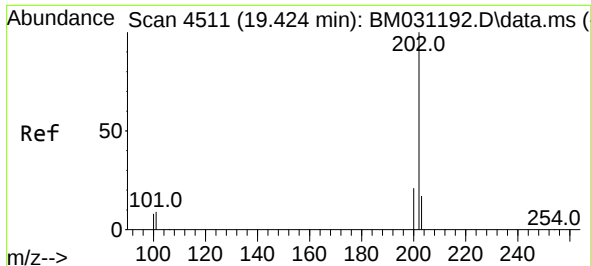


#19
 Fluoranthene
 Concen: 0.30 ng/ul
 RT: 19.062 min Scan# 4416
 Delta R.T. 0.001 min
 Lab File: BM031196.D
 Acq: 27 Jul 2021 12:53



Tgt Ion:202 Resp: 7805
 Ion Ratio Lower Upper
 202 100
 101 9.0 6.0 9.0#
 100 7.2 4.8 7.2#





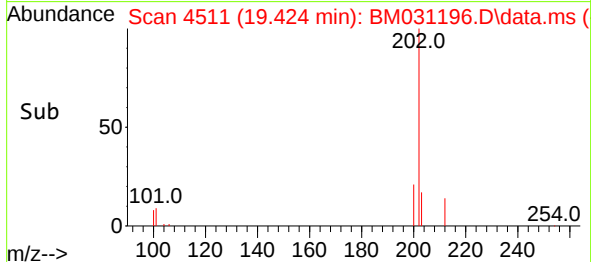
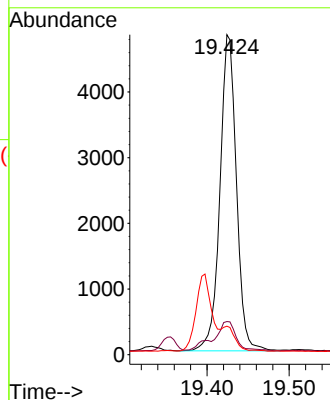
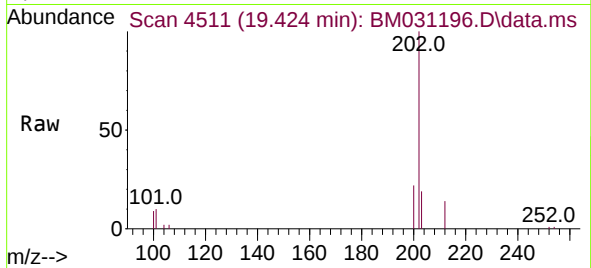
#20
Pyrene
Concen: 0.25 ng/ul
RT: 19.424 min Scan# 4511
Delta R.T. 0.001 min
Lab File: BM031196.D
Acq: 27 Jul 2021 12:53

Tgt Ion:202 Resp: 6713
Ion Ratio Lower Upper
202 100
101 10.4 7.4 11.0
100 8.9 6.0 9.0

Instrument :
BNA_M
ClientSampleID :
BGEE0DL

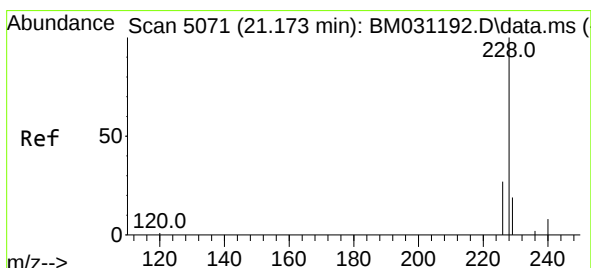
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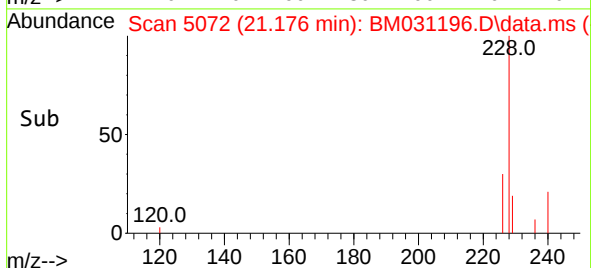
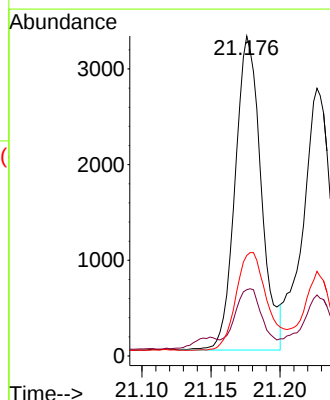
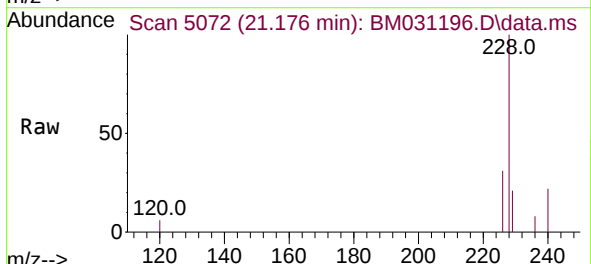
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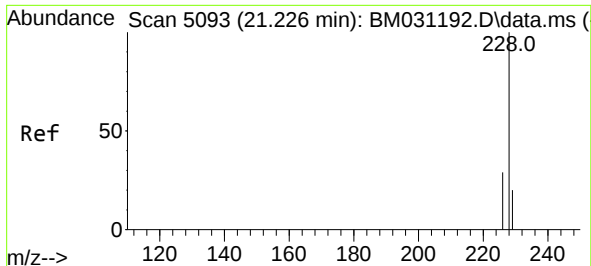
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#21
Benzo(a)anthracene
Concen: 0.16 ng/ul
RT: 21.176 min Scan# 5072
Delta R.T. 0.003 min
Lab File: BM031196.D
Acq: 27 Jul 2021 12:53

Tgt Ion:228 Resp: 4295
Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 31.4 21.4 32.2





#22
Chrysene
Concen: 0.14 ng/ul
RT: 21.227 min Scan# 5093
Delta R.T. 0.001 min
Lab File: BM031196.D
Acq: 27 Jul 2021 12:53

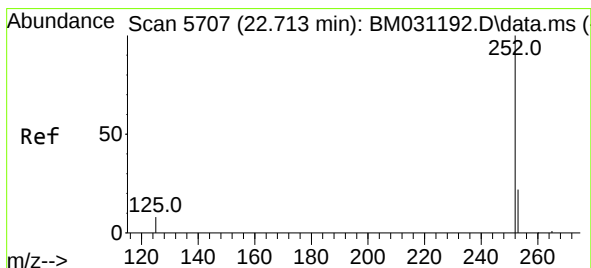
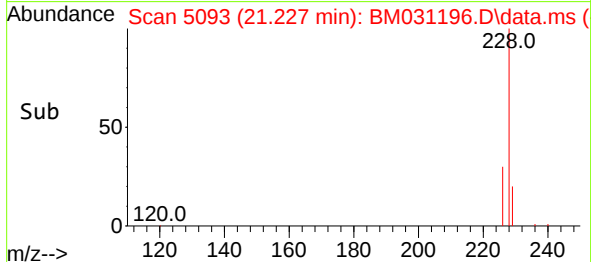
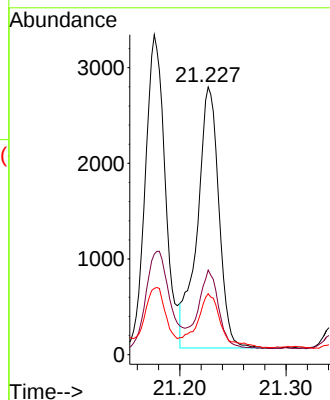
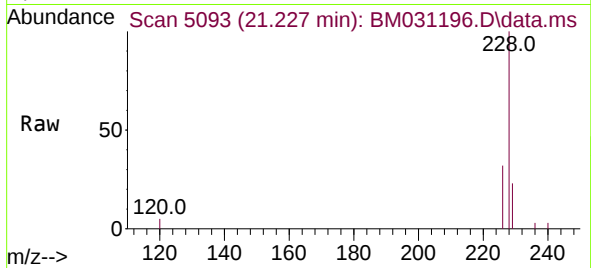
Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.5	36.7
229	22.8	15.8	23.8

Instrument :
BNA_M
ClientSampled :
BGEE0DL

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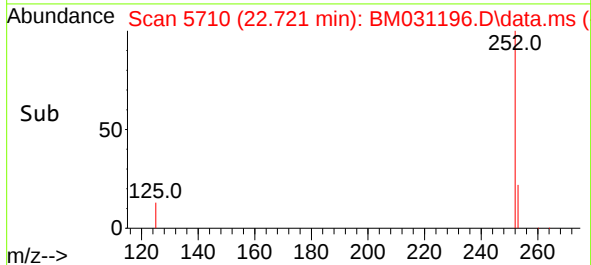
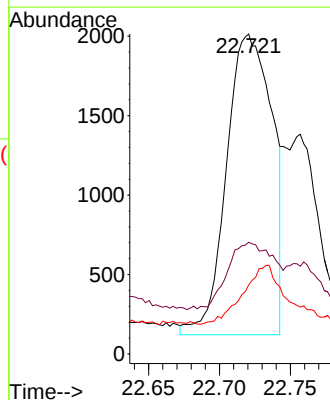
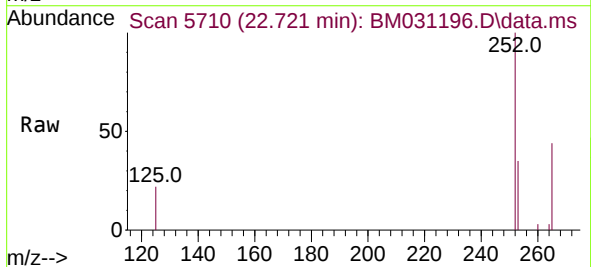
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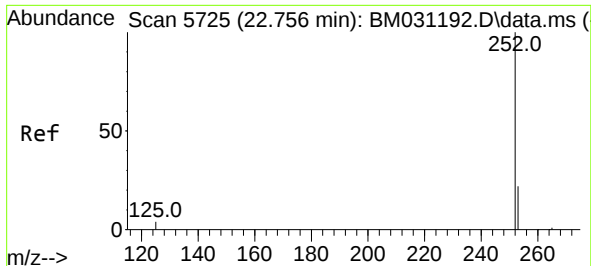
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#24
Benzo(b)fluoranthene
Concen: 0.17 ng/ul m
RT: 22.721 min Scan# 5710
Delta R.T. 0.008 min
Lab File: BM031196.D
Acq: 27 Jul 2021 12:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	34.9	0.0	52.8
125	21.5	0.0	20.2#





#25
Benzo(k)fluoranthene
Concen: 0.08 ng/ul m
RT: 22.757 min Scan# 5725
Delta R.T. 0.001 min
Lab File: BM031196.D
Acq: 27 Jul 2021 12:53

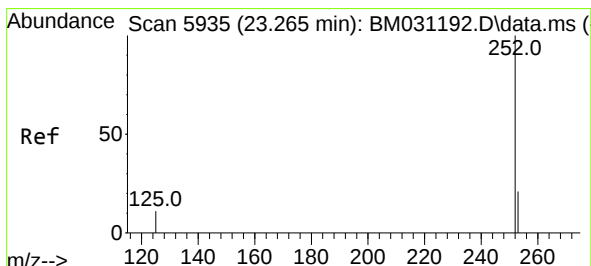
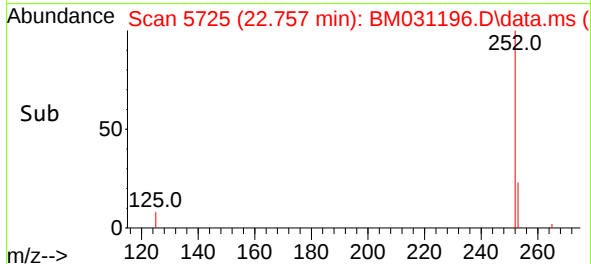
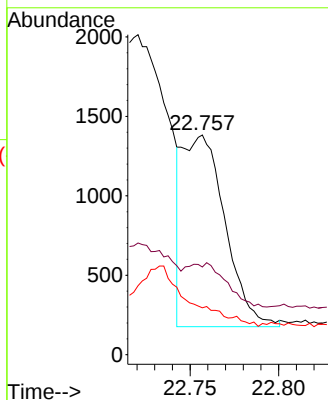
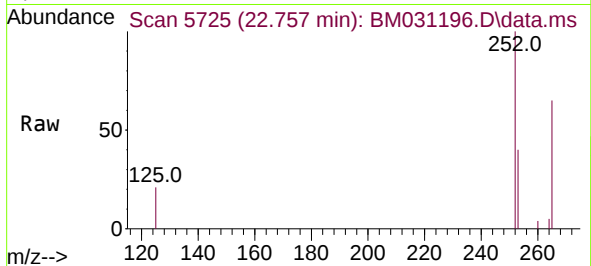
Tgt Ion:252 Resp: 2023
Ion Ratio Lower Upper
252 100
253 39.9 21.6 32.4#
125 21.3 8.6 13.0#

Instrument :
BNA_M
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Manual Integrations
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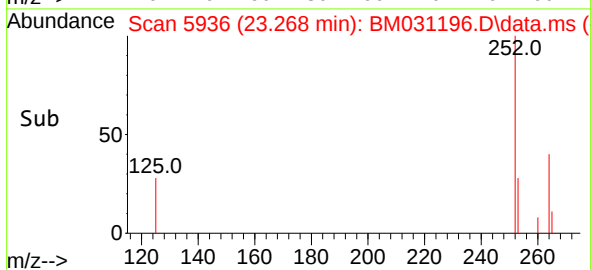
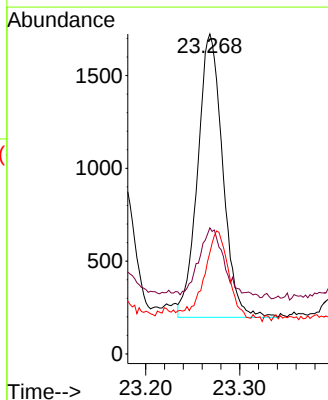
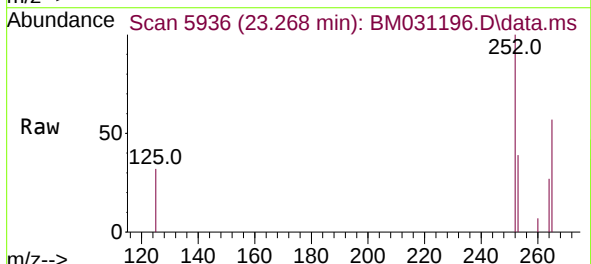
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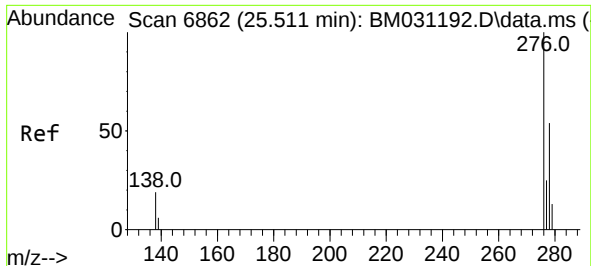
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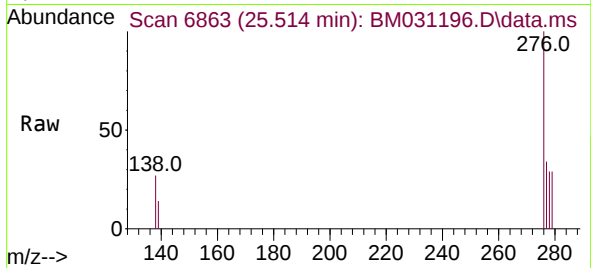
#26
Benzo(a)pyrene
Concen: 0.13 ng/ul
RT: 23.268 min Scan# 5936
Delta R.T. 0.003 min
Lab File: BM031196.D
Acq: 27 Jul 2021 12:53

Tgt Ion:252 Resp: 2822
Ion Ratio Lower Upper
252 100
253 39.4 23.1 34.7#
125 31.7 10.7 16.1#

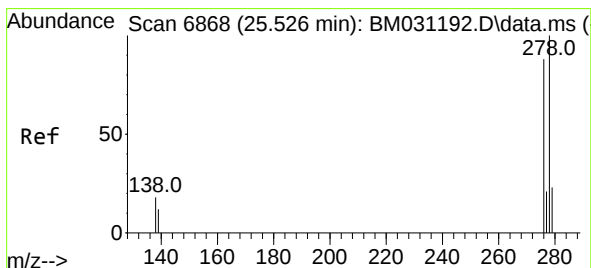
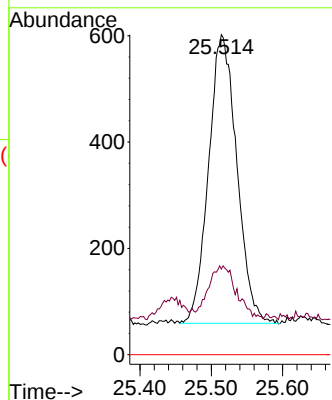
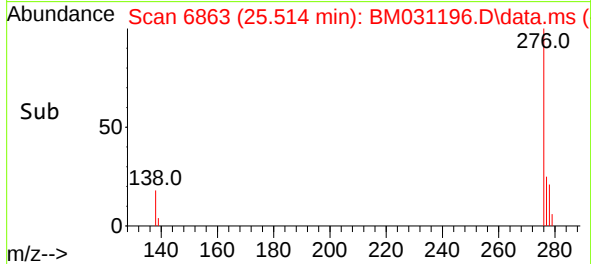




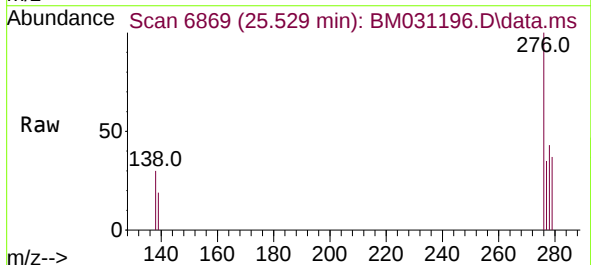
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng/ul
RT: 25.514 min Scan# 6863
Delta R.T. 0.003 min
Lab File: BM031196.D
Acq: 27 Jul 2021 12:53



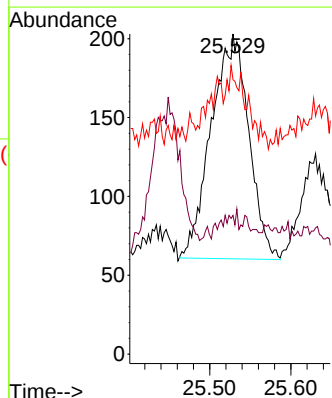
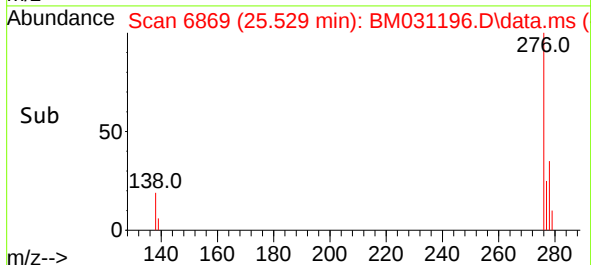
Tgt Ion: 276 Resp: 1493
Ion Ratio Lower Upper
276 100
138 18.4 15.4 23.0
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 25.529 min Scan# 6869
Delta R.T. 0.003 min
Lab File: BM031196.D
Acq: 27 Jul 2021 12:53



Tgt Ion: 278 Resp: 458
Ion Ratio Lower Upper
278 100
139 43.3 12.6 18.8#
279 85.7 22.6 34.0#



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