

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031159.D
 Acq On : 26 Jul 2021 12:41
 Operator : CG/JU
 Sample : M2970-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEA5

Manual Integrations
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Quant Time: Jul 26 13:20:47 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 : Mon Jul 26 10:45:49 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.632	152	1399	0.40 ng/ul	0.00
4) Naphthalene-d8	10.397	136	5509	0.40 ng/ul	0.00
9) Acenaphthene-d10	14.261	164	3689	0.40 ng/ul	0.00
13) Phenanthrene-d10	17.006	188	7763	0.40 ng/ul	0.00
17) Chrysene-d12	21.193	240	7386	0.40 ng/ul	0.00
23) Perylene-d12	23.365	264	6774	0.40 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.213	96	4654	3.17 ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	1760	0.18 ng/ul	0.00
18) Fluoranthene-d10	19.035	212	4600	0.20 ng/ul	0.00
Target Compounds					Qvalue
5) Naphthalene	10.446	128	1060	0.06 ng/ul#	91
10) Acenaphthylene	13.981	152	2462	0.16 ng/ul	99
12) Fluorene	15.316	166	370	0.02 ng/ul#	90
14) Pentachlorophenol	16.655	266	299	0.11 ng/ul	98
15) Phenanthrene	17.048	178	5908	0.24 ng/ul	100
16) Anthracene	17.138	178	3007	0.13 ng/ul	99
19) Fluoranthene	19.066	202	37859	1.27 ng/ul	98
20) Pyrene	19.428	202	24795	0.82 ng/ul	97
21) Benzo(a)anthracene	21.178	228	27982	0.95 ng/ul	96
22) Chrysene	21.229	228	22012	0.69 ng/ul	97
24) Benzo(b)fluoranthene	22.720	252	30773m	0.97 ng/ul	
25) Benzo(k)fluoranthene	22.759	252	12938m	0.40 ng/ul	
26) Benzo(a)pyrene	23.270	252	11734	0.43 ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.512	276	8084	0.22 ng/ul#	99
28) Dibenzo(a,h)anthracene	25.524	278	3415	0.12 ng/ul#	82

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

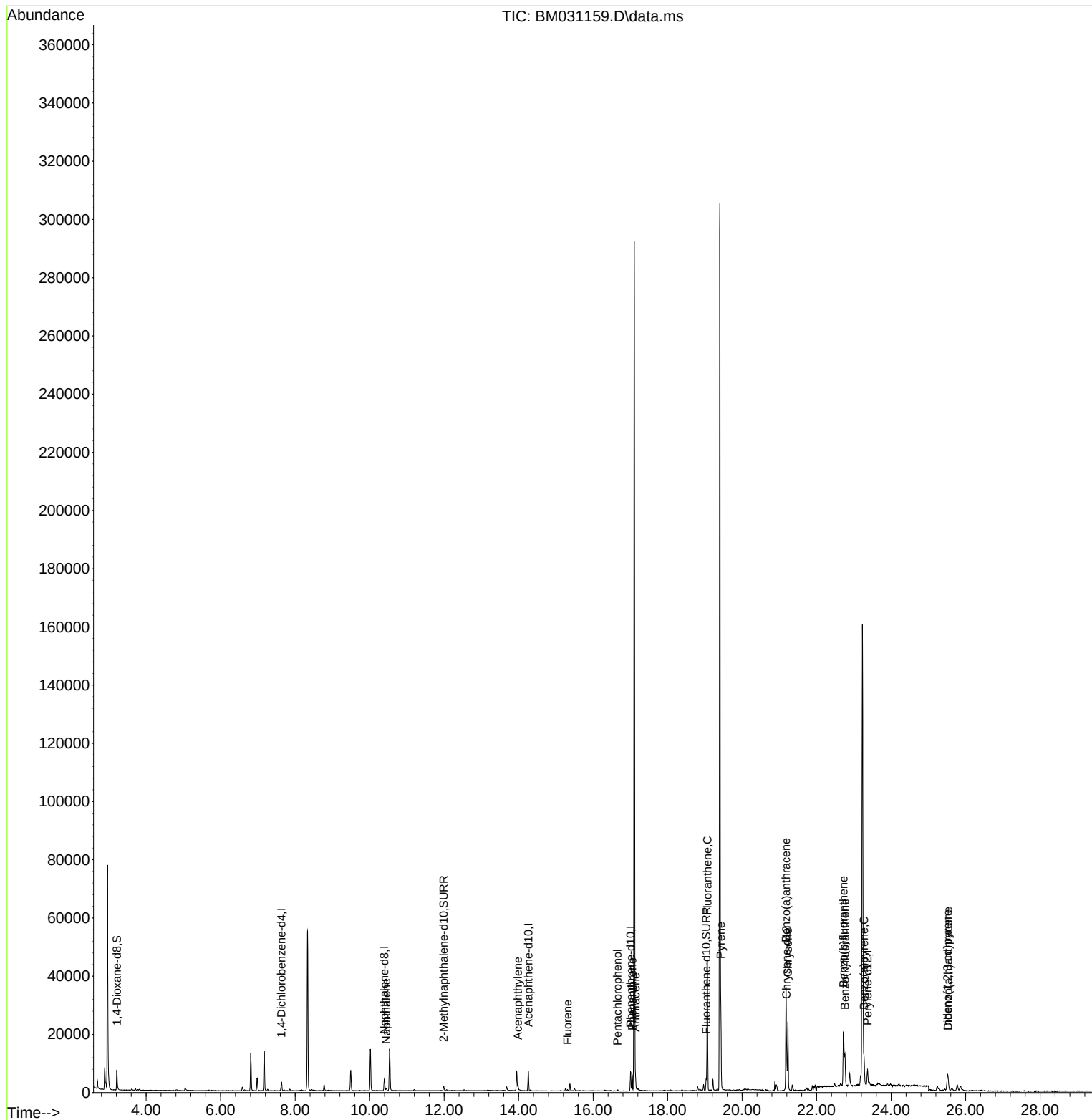
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
Data File : BM031159.D
Acq On : 26 Jul 2021 12:41
Operator : CG/JU
Sample : M2970-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

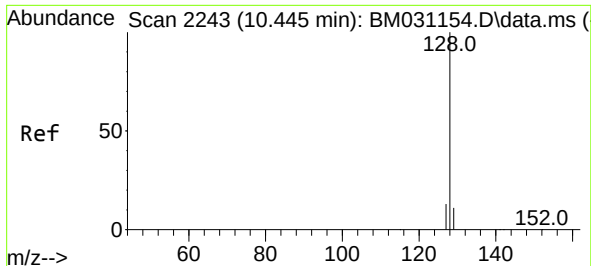
Instrument :
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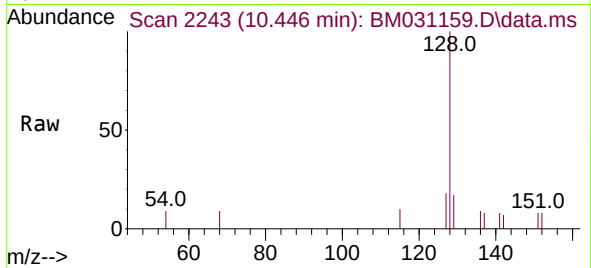
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Quant Time: Jul 26 13:20:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
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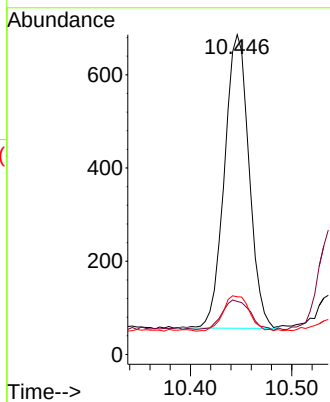
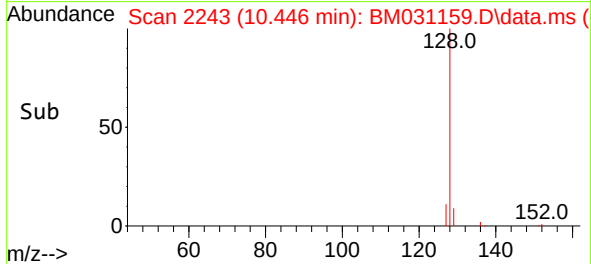




#5
Naphthalene
Concen: 0.06 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. 0.001 min
Lab File: BM031159.D
Acq: 26 Jul 2021 12:41



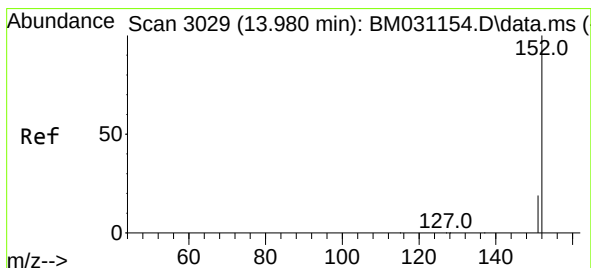
Tgt Ion:128 Resp: 1060
Ion Ratio Lower Upper
128 100
129 16.6 10.2 15.4#
127 18.1 11.8 17.8#



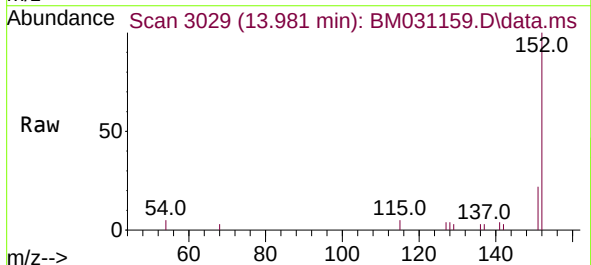
Instrument :
BNA_M
ClientSampled :
BGEA5

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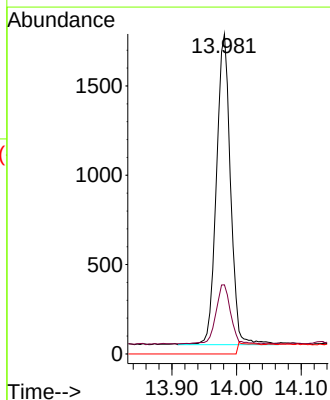
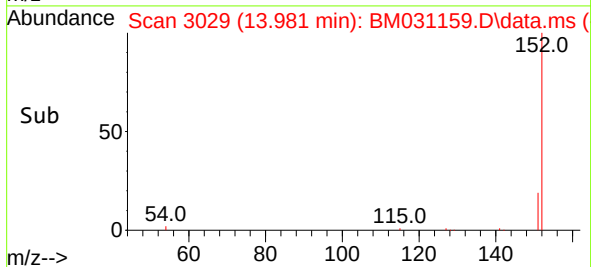
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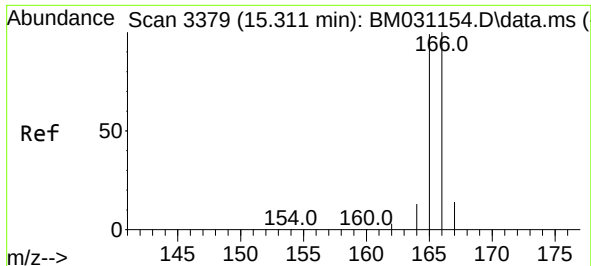


#10
Acenaphthylene
Concen: 0.16 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. 0.001 min
Lab File: BM031159.D
Acq: 26 Jul 2021 12:41

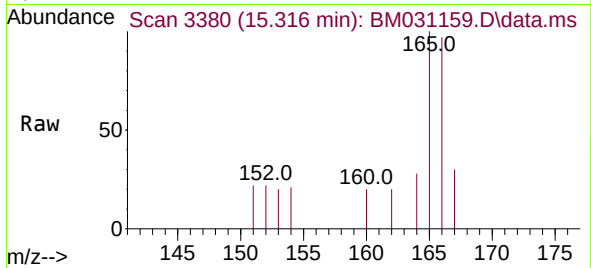


Tgt Ion:152 Resp: 2462
Ion Ratio Lower Upper
152 100
151 21.6 17.5 26.3
153 0.0 0.0 0.0

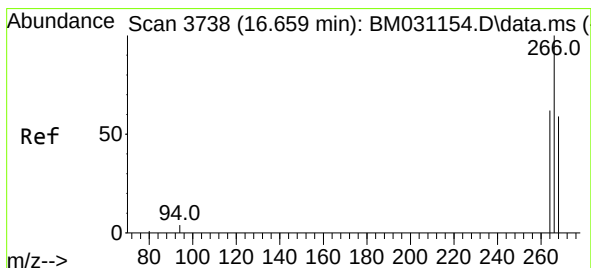
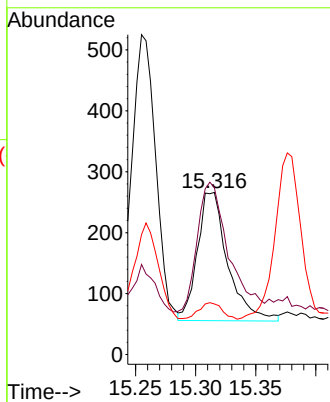
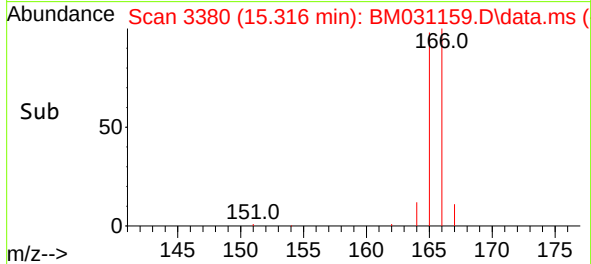




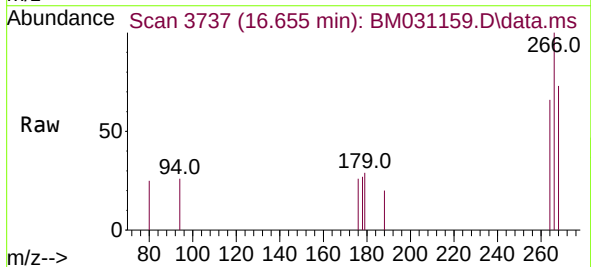
#12
Fluorene
Concen: 0.02 ng/ul
RT: 15.316 min Scan# 3380
Delta R.T. 0.004 min
Lab File: BM031159.D
Acq: 26 Jul 2021 12:41



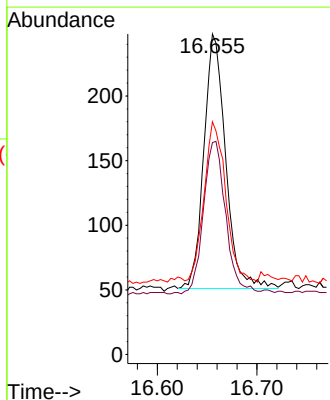
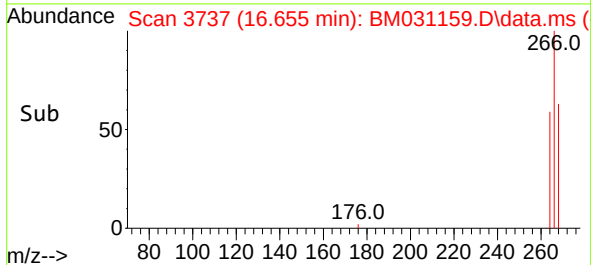
Tgt Ion:166 Resp: 370
Ion Ratio Lower Upper
166 100
165 103.0 78.2 117.2
167 31.2 12.3 18.5#



#14
Pentachlorophenol
Concen: 0.11 ng/ul
RT: 16.655 min Scan# 3737
Delta R.T. -0.003 min
Lab File: BM031159.D
Acq: 26 Jul 2021 12:41



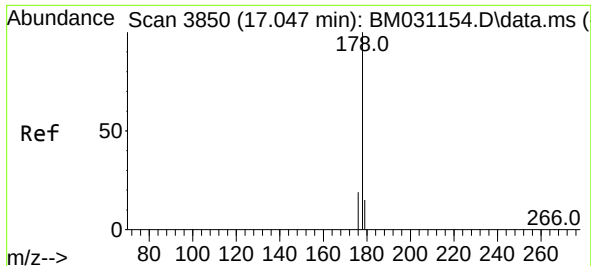
Tgt Ion:266 Resp: 299
Ion Ratio Lower Upper
266 100
264 61.2 50.9 76.3
268 62.9 51.2 76.8



Instrument :
BNA_M
ClientSampleId :
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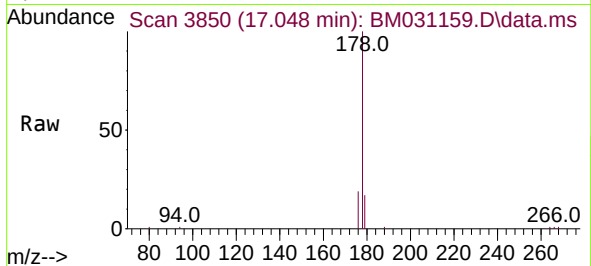
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#15
Phenanthrene
Concen: 0.24 ng/ul
RT: 17.048 min Scan# 3850
Delta R.T. 0.000 min
Lab File: BM031159.D
Acq: 26 Jul 2021 12:41

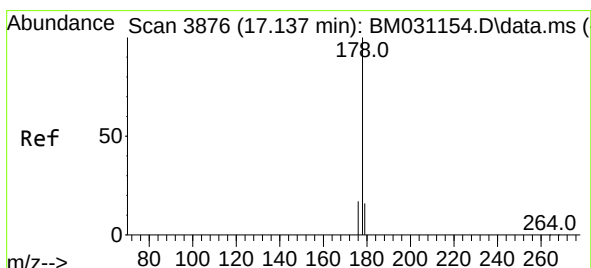
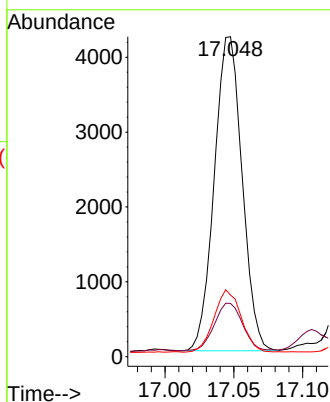
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ClientSampleId :
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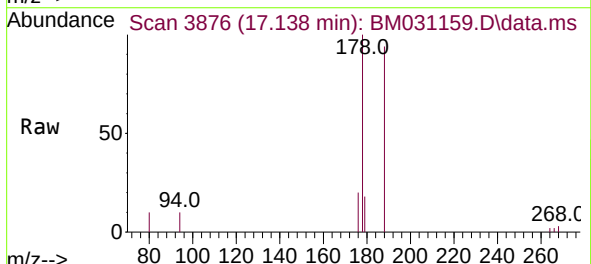
Tgt Ion:178 Resp: 5908
Ion Ratio Lower Upper
178 100
179 16.6 13.3 19.9
176 19.3 15.4 23.2

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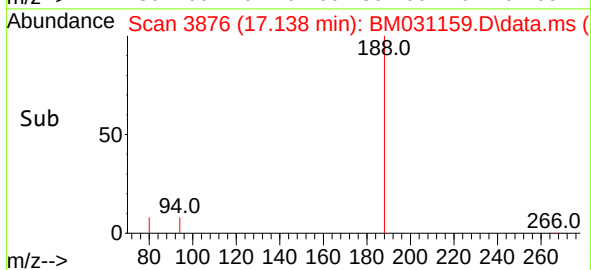
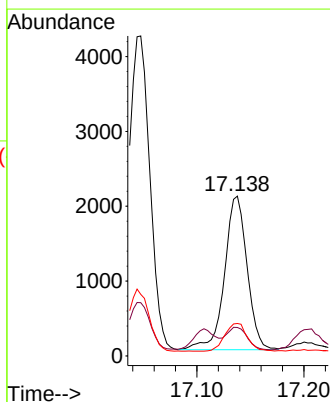
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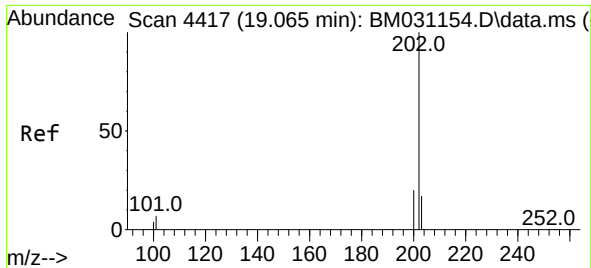


#16
Anthracene
Concen: 0.13 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. 0.000 min
Lab File: BM031159.D
Acq: 26 Jul 2021 12:41



Tgt Ion:178 Resp: 3007
Ion Ratio Lower Upper
178 100
179 17.8 13.8 20.8
176 20.3 15.7 23.5





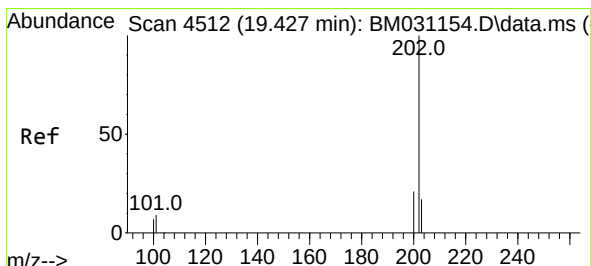
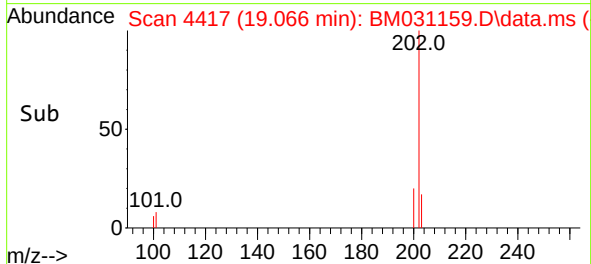
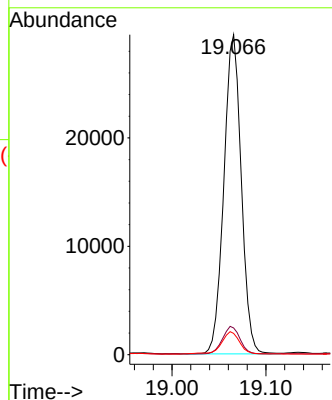
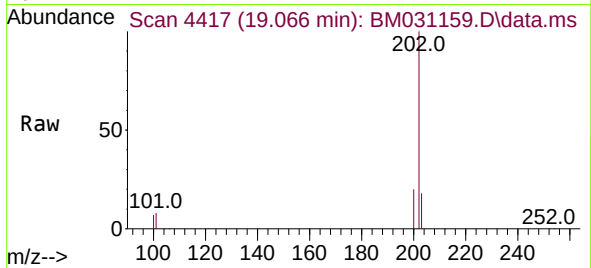
#19
Fluoranthene
Concen: 1.27 ng/ul
RT: 19.066 min Scan# 4417
Delta R.T. 0.000 min
Lab File: BM031159.D
Acq: 26 Jul 2021 12:41

Tgt Ion:202 Resp: 37859
Ion Ratio Lower Upper
202 100
101 8.4 6.0 9.0
100 6.6 4.8 7.2

Instrument :
BNA_M
ClientSampleId :
BGEA5

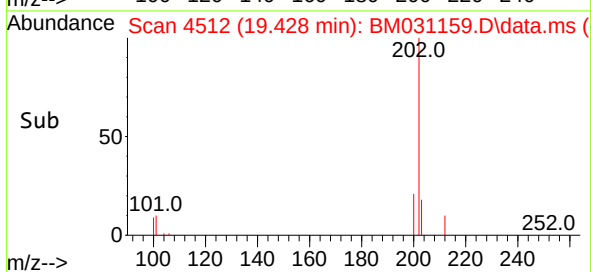
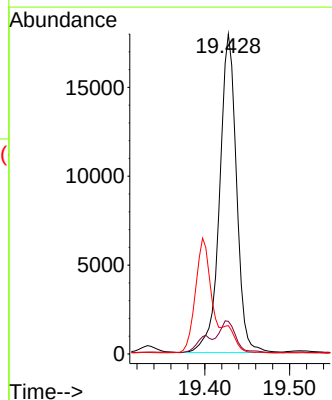
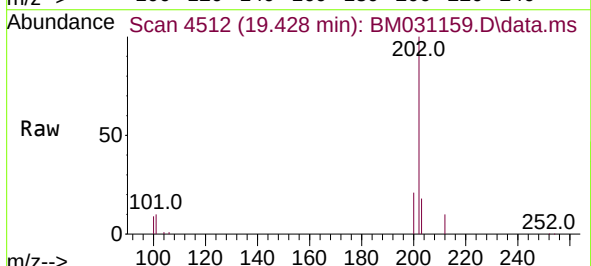
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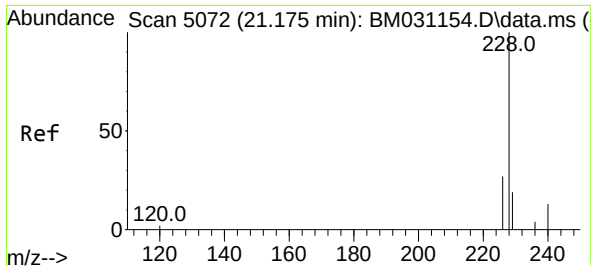
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#20
Pyrene
Concen: 0.82 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. 0.000 min
Lab File: BM031159.D
Acq: 26 Jul 2021 12:41

Tgt Ion:202 Resp: 24795
Ion Ratio Lower Upper
202 100
101 10.2 7.4 11.0
100 8.8 6.0 9.0





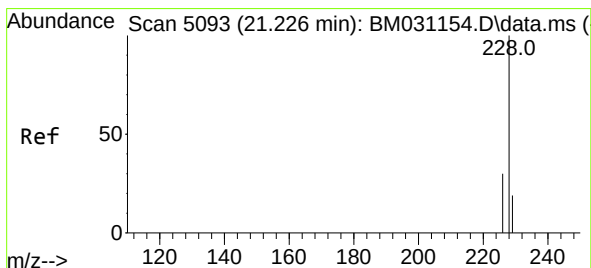
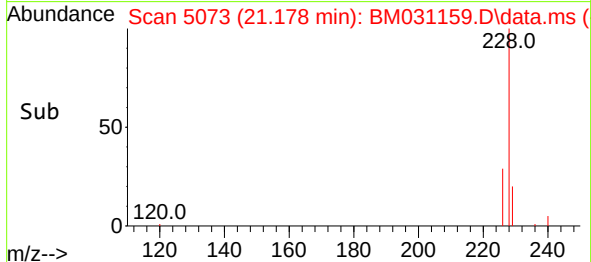
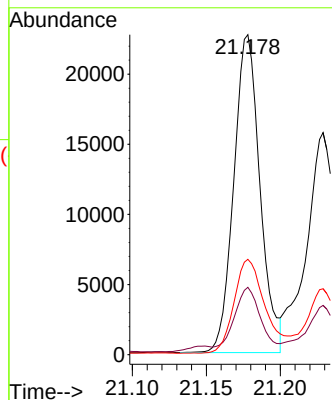
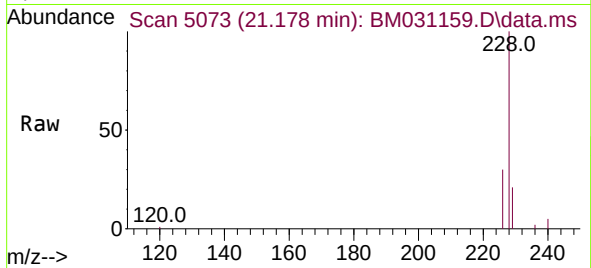
#21
Benzo(a)anthracene
Concen: 0.95 ng/ul
RT: 21.178 min Scan# 5073
Delta R.T. 0.003 min
Lab File: BM031159.D
Acq: 26 Jul 2021 12:41

Tgt Ion:228 Resp: 27982
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 29.8 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGEA5

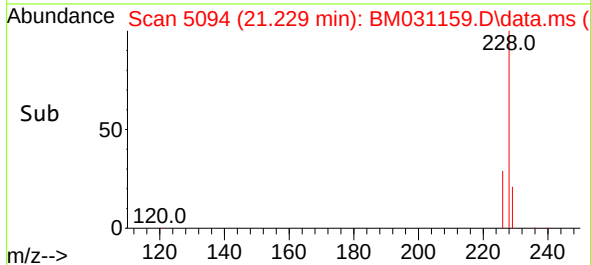
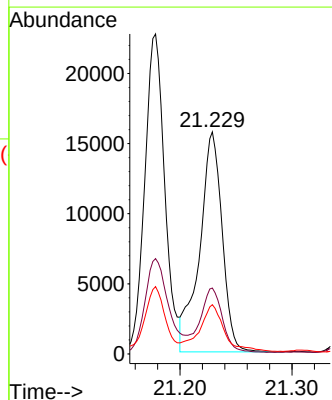
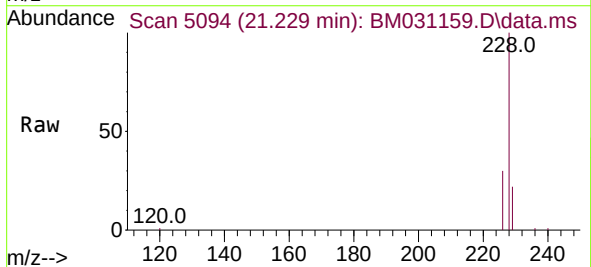
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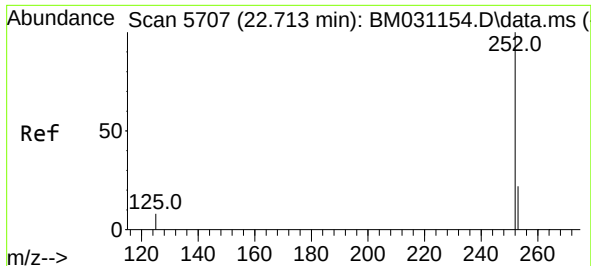
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#22
Chrysene
Concen: 0.69 ng/ul
RT: 21.229 min Scan# 5094
Delta R.T. 0.003 min
Lab File: BM031159.D
Acq: 26 Jul 2021 12:41

Tgt Ion:228 Resp: 22012
Ion Ratio Lower Upper
228 100
226 29.7 24.5 36.7
229 22.2 15.8 23.8





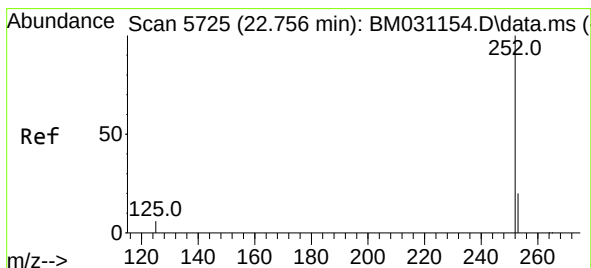
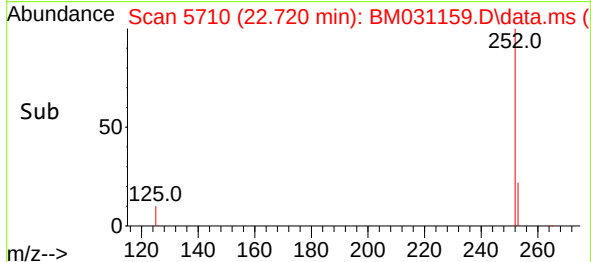
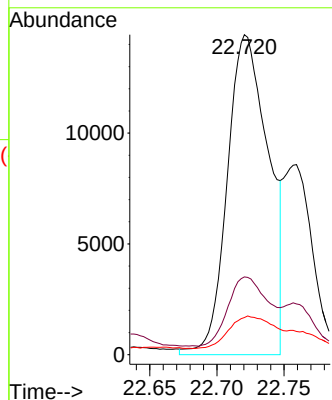
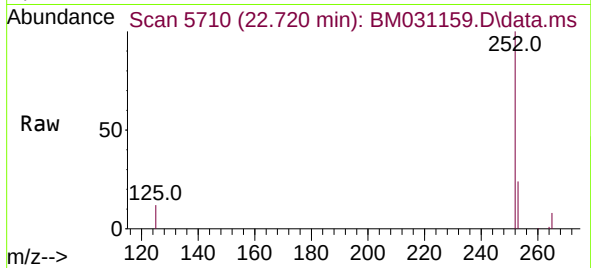
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Benzo(b)fluoranthene
Concen: 0.97 ng/ul m
RT: 22.720 min Scan# 5710
Delta R.T. 0.008 min
Lab File: BM031159.D
Acq: 26 Jul 2021 12:41

Tgt Ion:252 Resp: 30773
Ion Ratio Lower Upper
252 100
253 24.3 0.0 52.8
125 11.6 0.0 20.2

Instrument :
BNA_M
ClientSampled :
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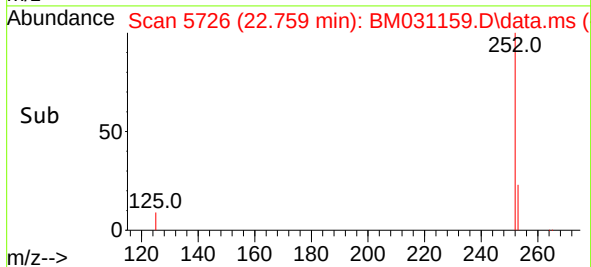
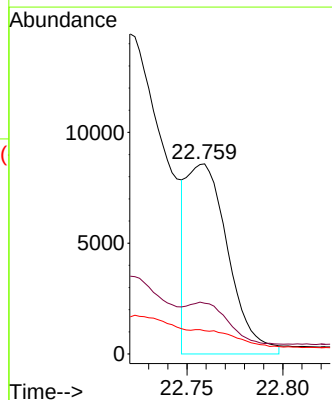
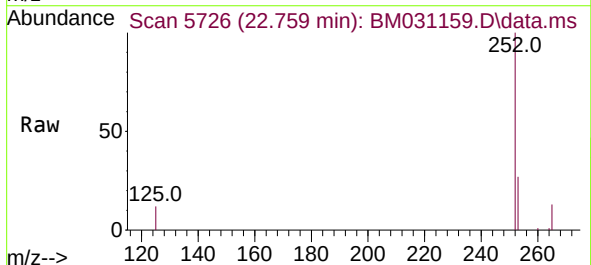
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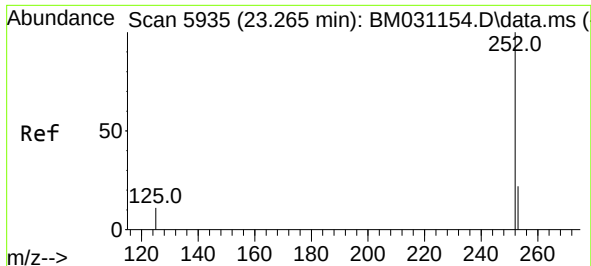
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#25
Benzo(k)fluoranthene
Concen: 0.40 ng/ul m
RT: 22.759 min Scan# 5726
Delta R.T. 0.003 min
Lab File: BM031159.D
Acq: 26 Jul 2021 12:41

Tgt Ion:252 Resp: 12938
Ion Ratio Lower Upper
252 100
253 26.7 21.6 32.4
125 12.2 8.6 13.0





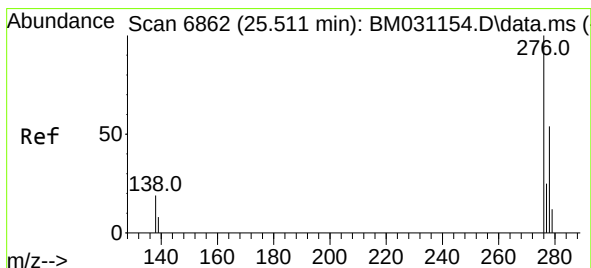
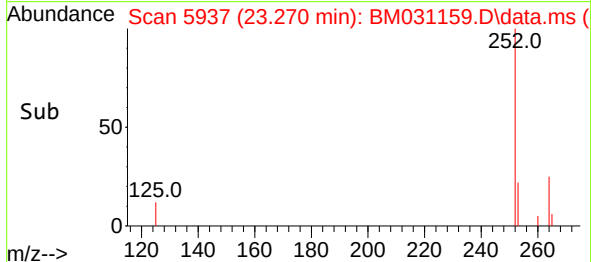
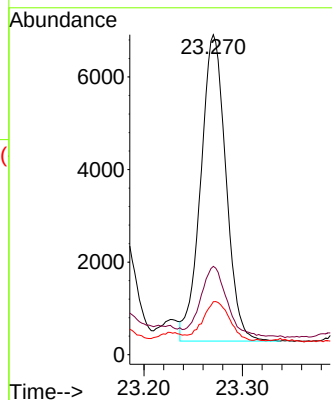
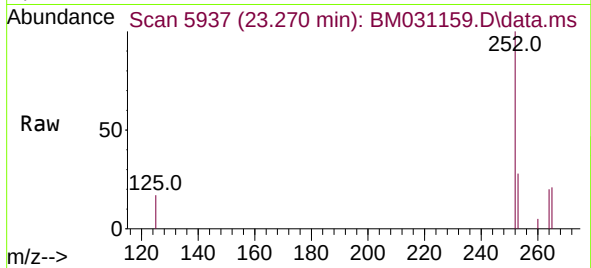
#26
Benzo(a)pyrene
Concen: 0.43 ng/ul
RT: 23.270 min Scan# 5937
Delta R.T. 0.005 min
Lab File: BM031159.D
Acq: 26 Jul 2021 12:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	23.1	34.7
125	16.6	10.7	16.1#

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BGEA5

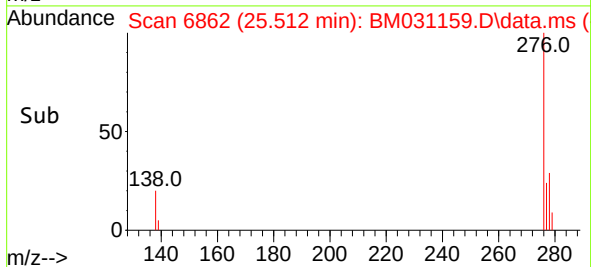
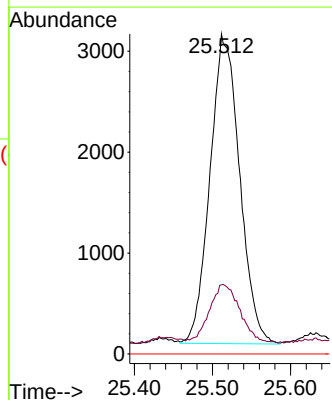
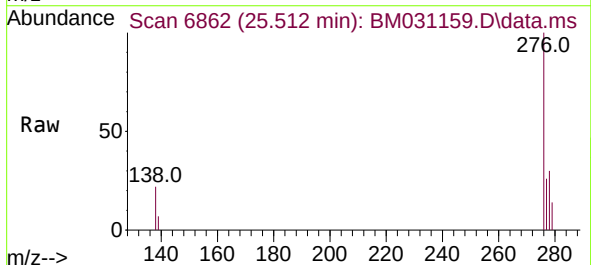
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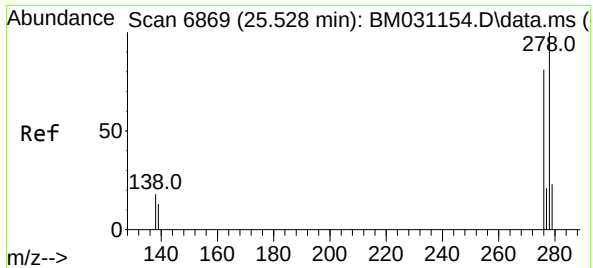
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.22 ng/ul
RT: 25.512 min Scan# 6862
Delta R.T. 0.000 min
Lab File: BM031159.D
Acq: 26 Jul 2021 12:41

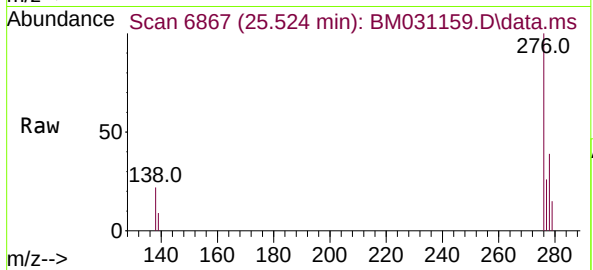
Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.4	23.0
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.12 ng/ul
 RT: 25.524 min Scan# 6867
 Delta R.T. -0.005 min
 Lab File: BM031159.D
 Acq: 26 Jul 2021 12:41

Instrument :
 BNA_M
 ClientSampled :
 BGEA5



Tgt Ion: 278 Resp: 3415
 Ion Ratio Lower Upper
 278 100
 139 22.0 12.6 18.8#
 279 39.1 22.6 34.0#

Manual Integrations
 APPROVED

mohammad
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