

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031112.D
 Acq On : 24 Jul 2021 05:47
 Operator : CG/JU
 Sample : M2970-03DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGE92DL

Manual Integrations
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Quant Time: Jul 24 06:23:05 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 : Sat Jul 24 04:20:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	1436	0.40	ng/ul	0.00
4) Naphthalene-d8	10.400	136	5512	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.265	164	3630	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.009	188	7880	0.40	ng/ul	0.00
17) Chrysene-d12	21.192	240	6950	0.40	ng/ul	0.00
23) Perylene-d12	23.365	264	6042	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	570	0.38	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.997	152	243	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	633	0.03	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	13.985	152	784	0.05	ng/ul#	87
12) Fluorene	15.315	166	348	0.02	ng/ul#	92
15) Phenanthrene	17.051	178	7922	0.32	ng/ul	99
16) Anthracene	17.141	178	2732	0.12	ng/ul	97
19) Fluoranthene	19.069	202	14417	0.52	ng/ul	99
20) Pyrene	19.431	202	10142	0.36	ng/ul	99
21) Benzo(a)anthracene	21.175	228	6565	0.24	ng/ul	97
22) Chrysene	21.229	228	5514	0.18	ng/ul	96
24) Benzo(b)fluoranthene	22.718	252	5946m	0.21	ng/ul	
25) Benzo(k)fluoranthene	22.756	252	1923m	0.07	ng/ul	
26) Benzo(a)pyrene	23.268	252	2539	0.10	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.521	276	1511	0.05	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.528	278	542	0.02	ng/ul#	22

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

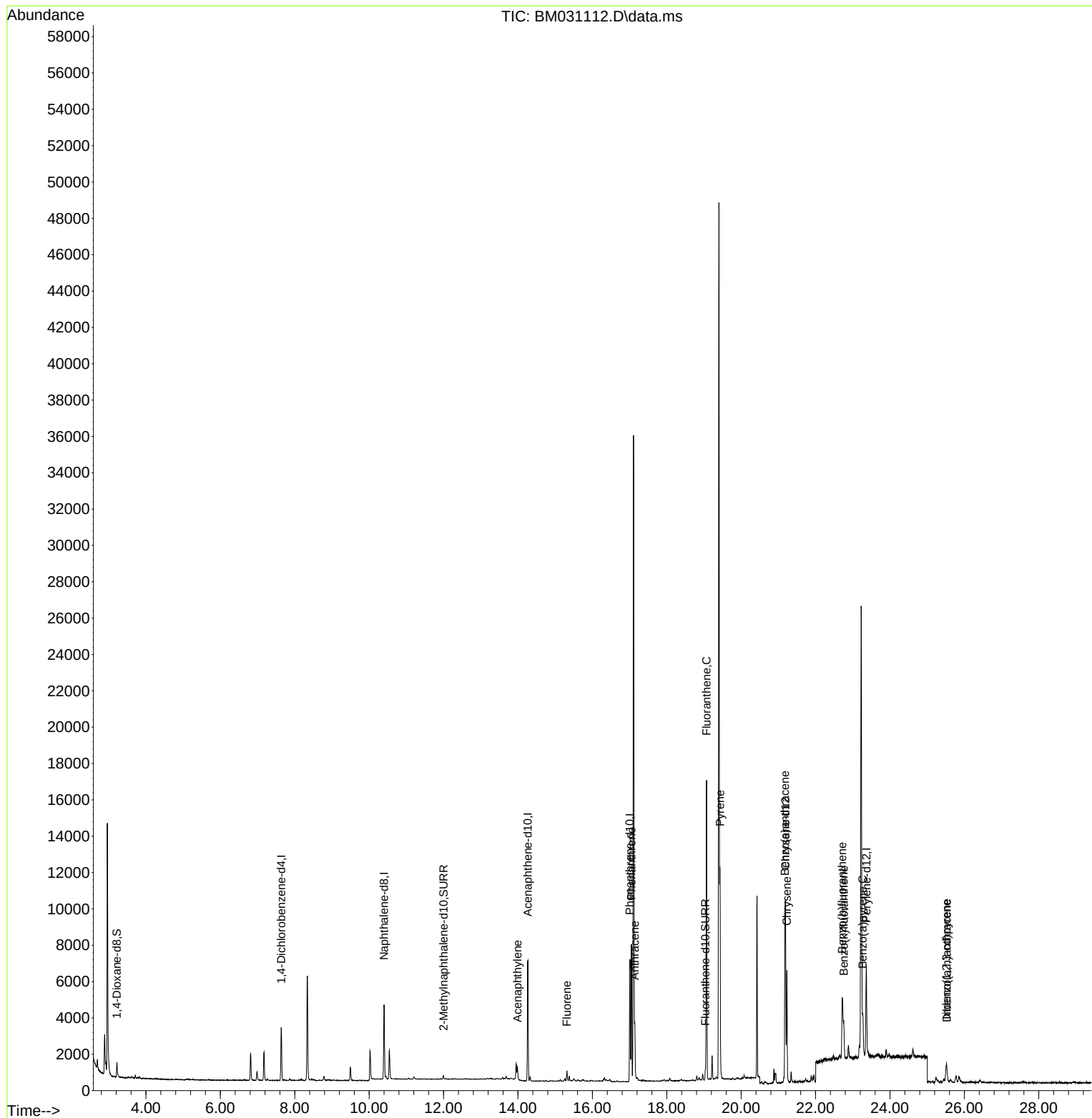
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031112.D
Acq On : 24 Jul 2021 05:47
Operator : CG/JU
Sample : M2970-03DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

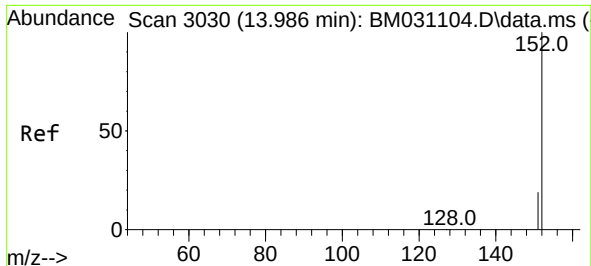
Instrument :
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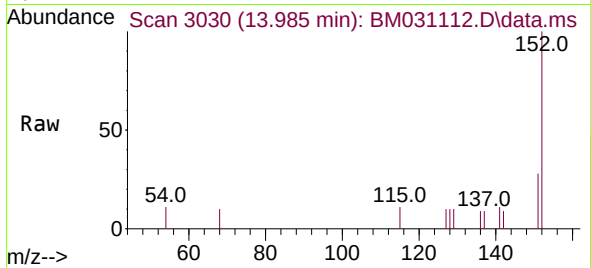
Quant Time: Jul 24 06:23:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 24 04:20:53 2021
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.05 ng/ul
RT: 13.985 min Scan# 3030
Delta R.T. -0.006 min
Lab File: BM031112.D
Acq: 24 Jul 2021 05:47

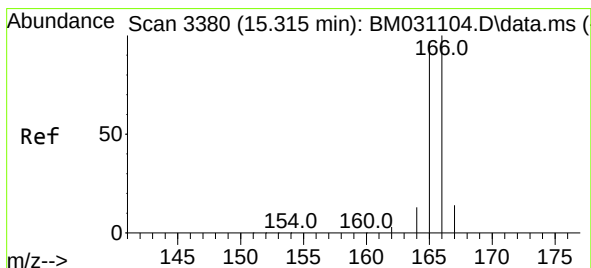
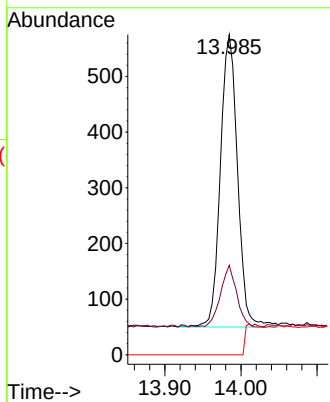
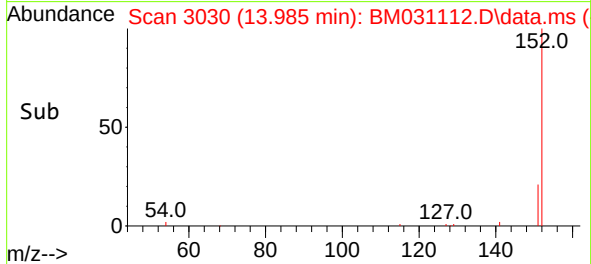
Instrument :
BNA_M
ClientSampled :
BGE92DL



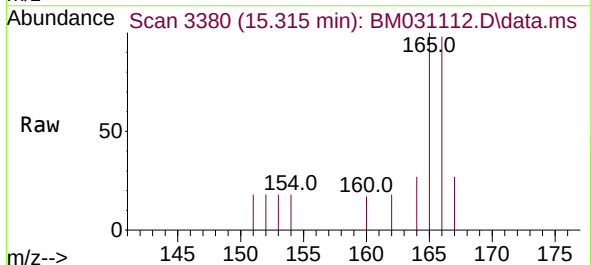
Tgt Ion:152 Resp: 784
Ion Ratio Lower Upper
152 100
151 28.0 17.5 26.3#
153 0.0 0.0 0.0

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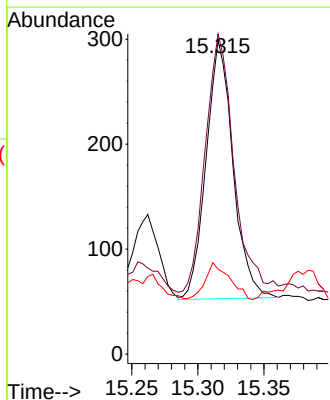
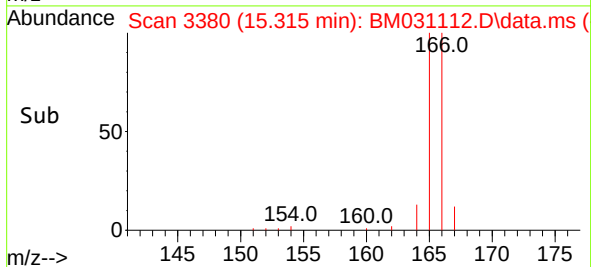
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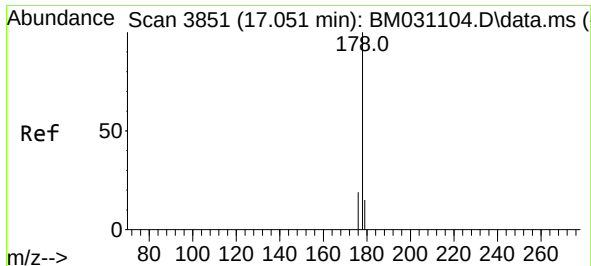


#12
Fluorene
Concen: 0.02 ng/ul
RT: 15.315 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM031112.D
Acq: 24 Jul 2021 05:47



Tgt Ion:166 Resp: 348
Ion Ratio Lower Upper
166 100
165 102.0 78.2 117.2
167 27.1 12.3 18.5#





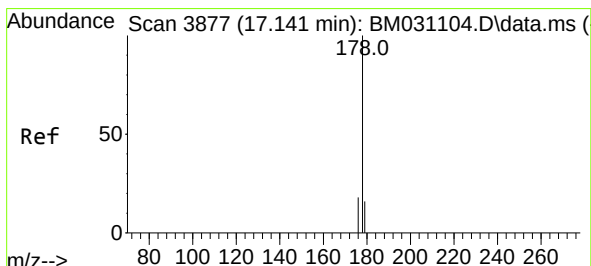
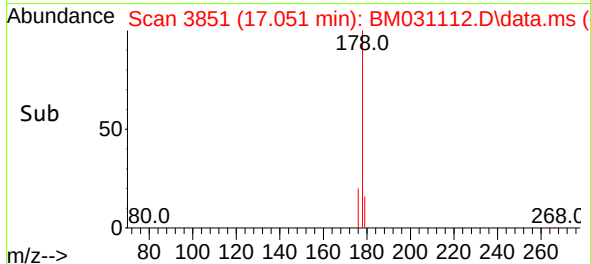
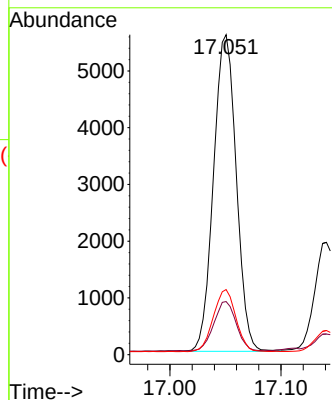
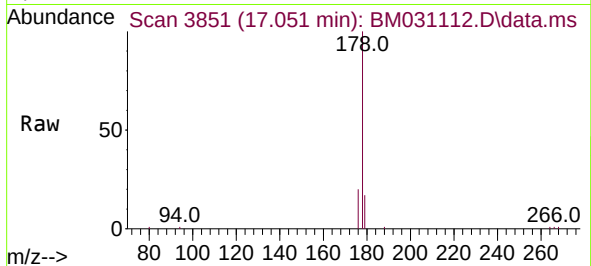
#15
Phenanthrene
Concen: 0.32 ng/ul
RT: 17.051 min Scan# 3851
Delta R.T. -0.004 min
Lab File: BM031112.D
Acq: 24 Jul 2021 05:47

Tgt Ion:	178	Resp:	7922
Ion Ratio	Lower	Upper	
178	100		
179	16.6	13.3	19.9
176	20.4	15.4	23.2

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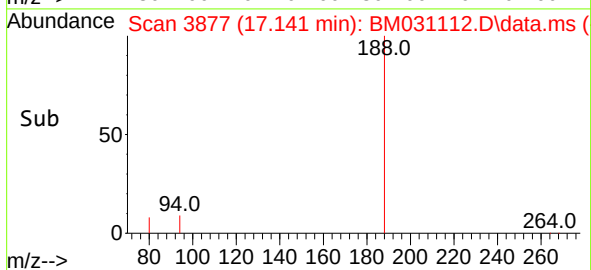
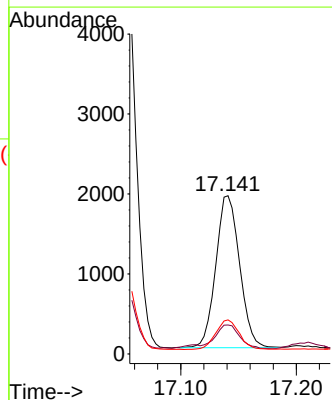
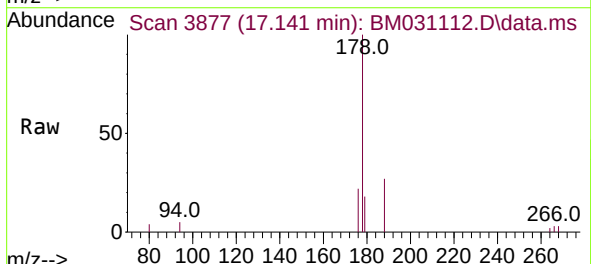
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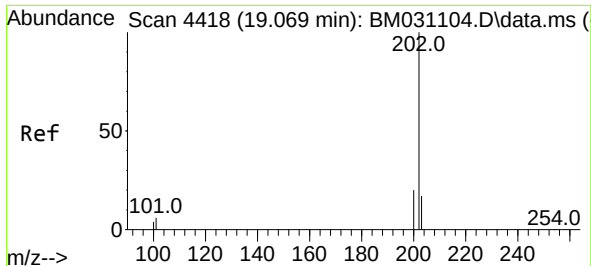
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#16
Anthracene
Concen: 0.12 ng/ul
RT: 17.141 min Scan# 3877
Delta R.T. -0.004 min
Lab File: BM031112.D
Acq: 24 Jul 2021 05:47

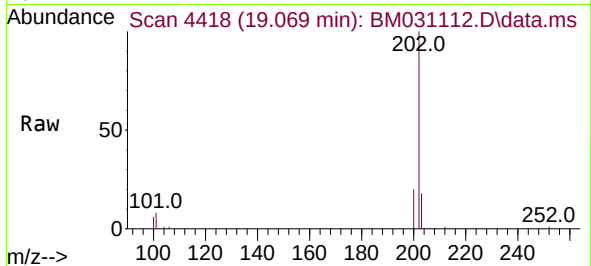
Tgt Ion:	178	Resp:	2732
Ion Ratio	Lower	Upper	
178	100		
179	18.3	13.8	20.8
176	21.6	15.7	23.5





#19
Fluoranthene
Concen: 0.52 ng/ul
RT: 19.069 min Scan# 4418
Delta R.T. -0.000 min
Lab File: BM031112.D
Acq: 24 Jul 2021 05:47

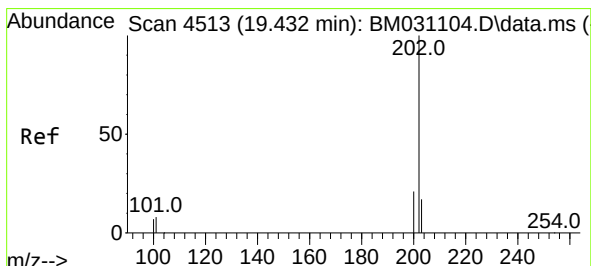
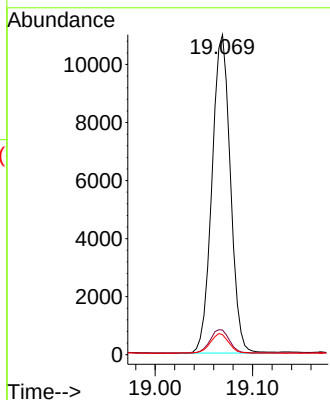
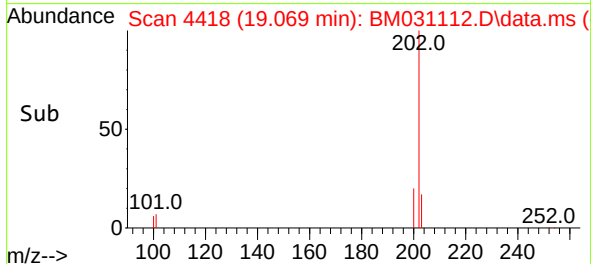
Instrument :
BNA_M
ClientSampleId :
BGE92DL



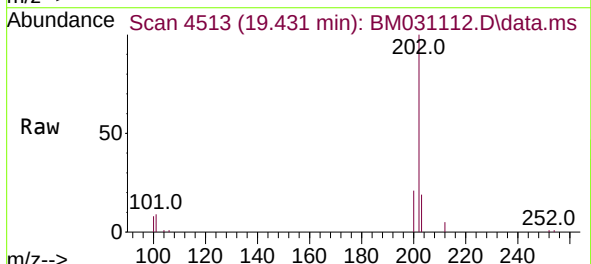
Tgt Ion:	202	Resp:	14417
Ion Ratio	Lower	Upper	
202	100		
101	7.7	6.0	9.0
100	6.3	4.8	7.2

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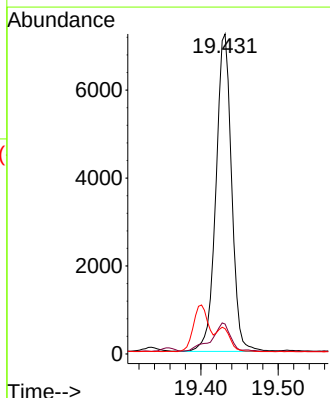
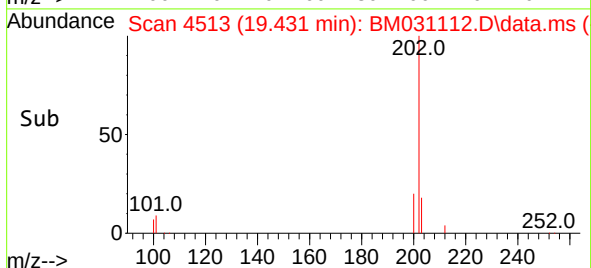
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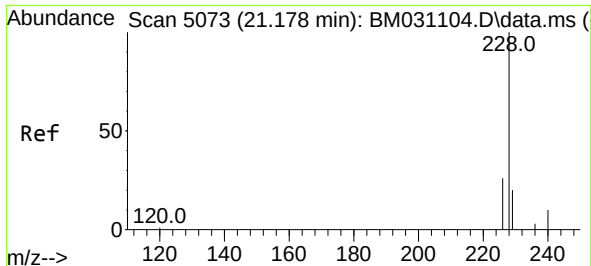


#20
Pyrene
Concen: 0.36 ng/ul
RT: 19.431 min Scan# 4513
Delta R.T. -0.004 min
Lab File: BM031112.D
Acq: 24 Jul 2021 05:47



Tgt Ion:	202	Resp:	10142
Ion Ratio	Lower	Upper	
202	100		
101	9.4	7.4	11.0
100	7.9	6.0	9.0





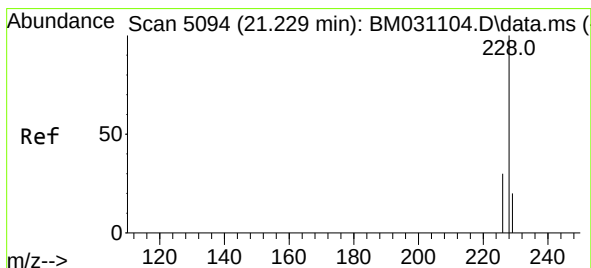
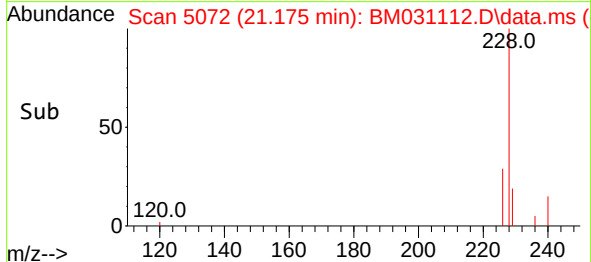
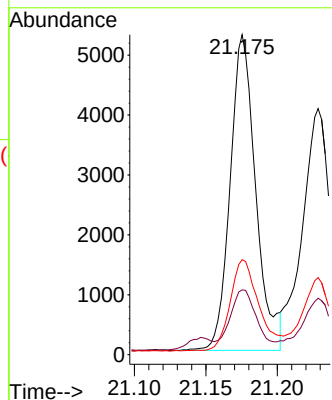
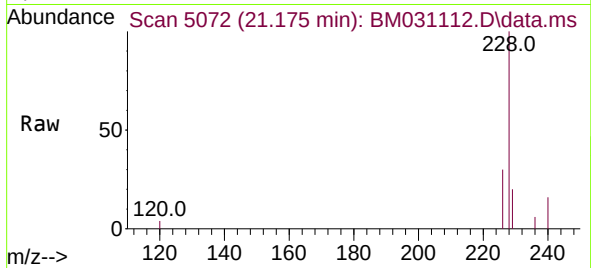
#21
Benzo(a)anthracene
Concen: 0.24 ng/ul
RT: 21.175 min Scan# 5072
Delta R.T. -0.008 min
Lab File: BM031112.D
Acq: 24 Jul 2021 05:47

Tgt Ion:228 Resp: 6565
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 29.7 21.4 32.2

Instrument :
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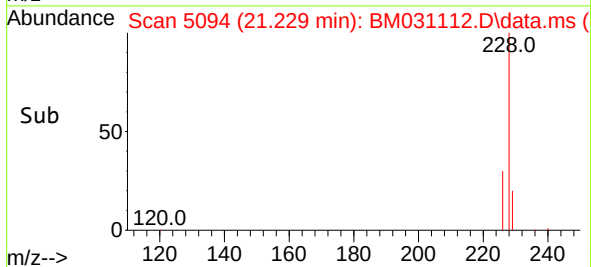
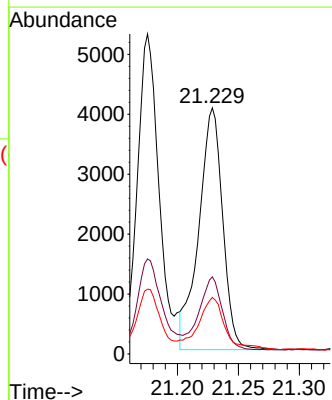
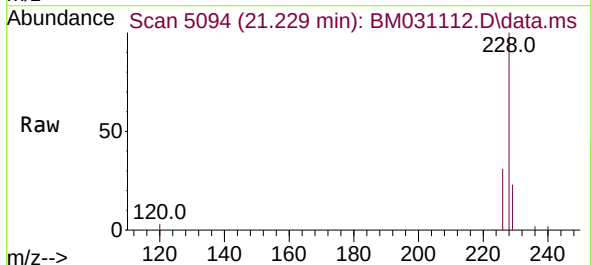
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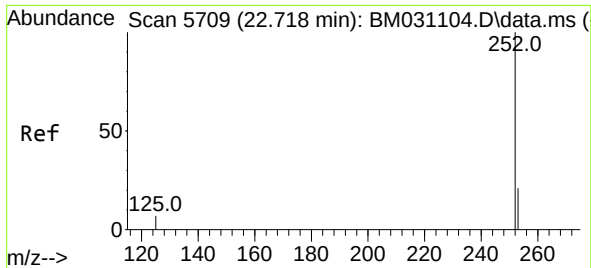
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#22
Chrysene
Concen: 0.18 ng/ul
RT: 21.229 min Scan# 5094
Delta R.T. -0.005 min
Lab File: BM031112.D
Acq: 24 Jul 2021 05:47

Tgt Ion:228 Resp: 5514
Ion Ratio Lower Upper
228 100
226 31.4 24.5 36.7
229 23.0 15.8 23.8





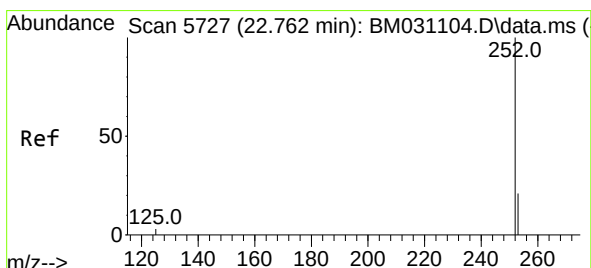
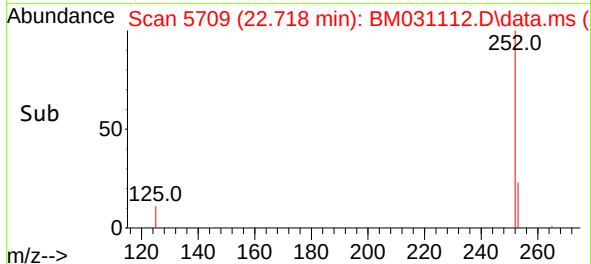
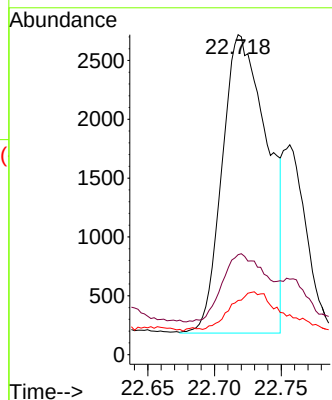
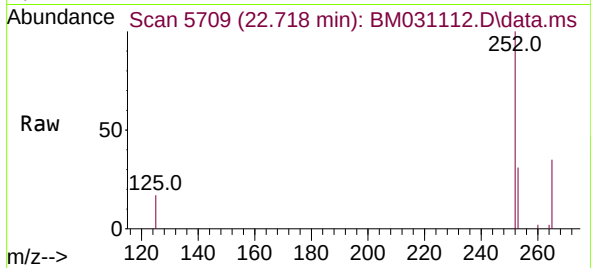
#24
Benzo(b)fluoranthene
Concen: 0.21 ng/ul m
RT: 22.718 min Scan# 5709
Delta R.T. -0.008 min
Lab File: BM031112.D
Acq: 24 Jul 2021 05:47

Tgt Ion:	252	Resp:	5946
Ion Ratio	Lower	Upper	
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253	31.2	0.0	52.8
125	16.9	0.0	20.2

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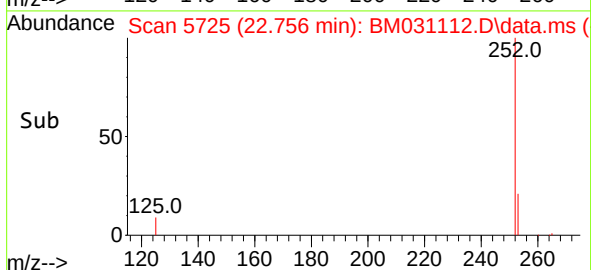
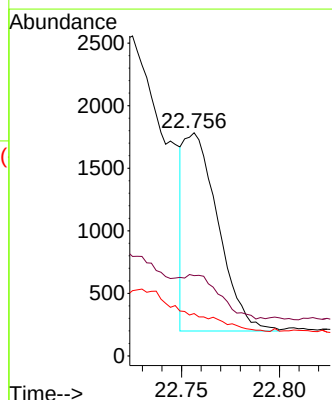
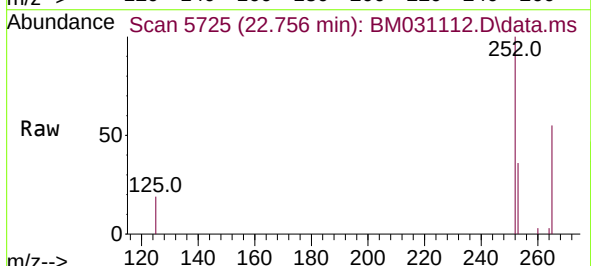
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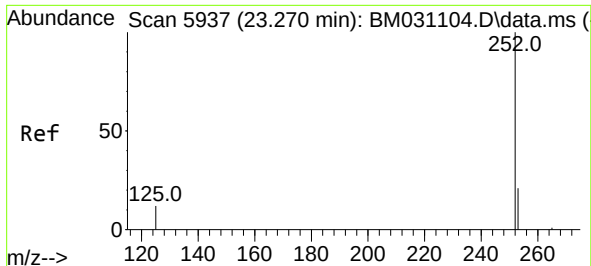
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#25
Benzo(k)fluoranthene
Concen: 0.07 ng/ul m
RT: 22.756 min Scan# 5725
Delta R.T. -0.010 min
Lab File: BM031112.D
Acq: 24 Jul 2021 05:47

Tgt Ion:	252	Resp:	1923
Ion Ratio	Lower	Upper	
252	100		
253	35.9	21.6	32.4#
125	19.0	8.6	13.0#





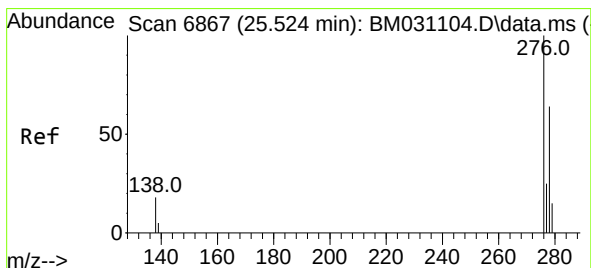
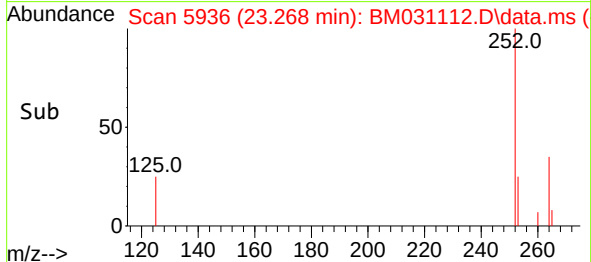
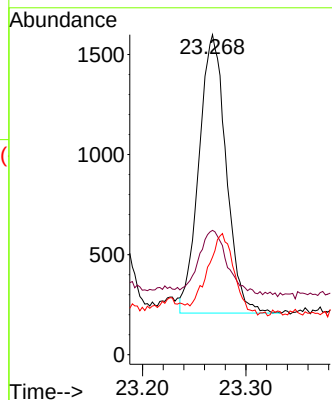
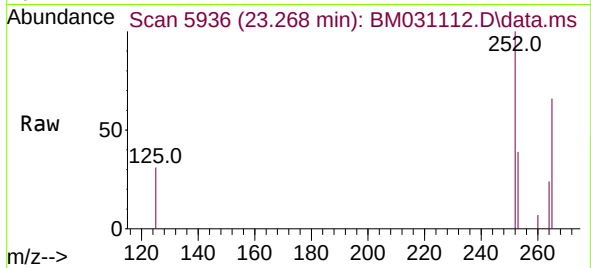
#26
Benzo(a)pyrene
Concen: 0.10 ng/ul
RT: 23.268 min Scan# 5936
Delta R.T. -0.012 min
Lab File: BM031112.D
Acq: 24 Jul 2021 05:47

Tgt Ion:	252	Resp:	2539
Ion Ratio	Lower	Upper	
252	100		
253	38.8	23.1	34.7#
125	30.5	10.7	16.1#

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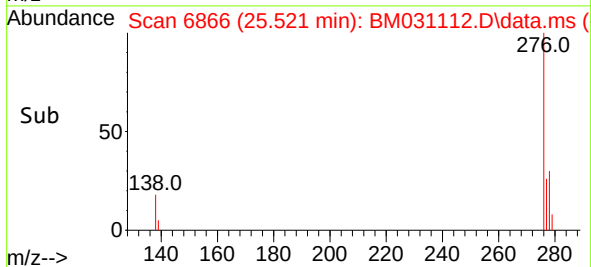
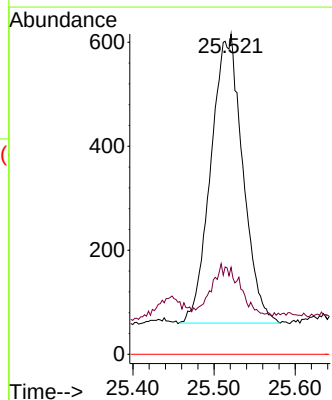
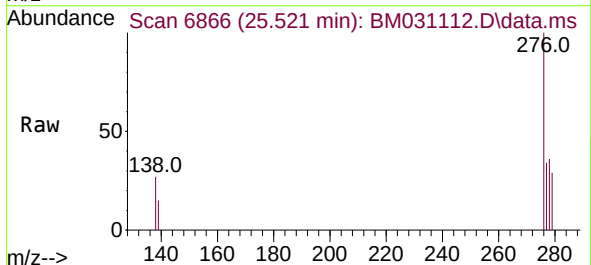
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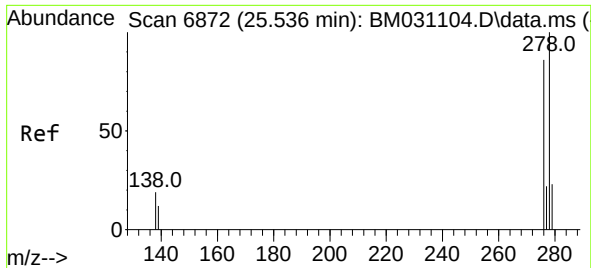
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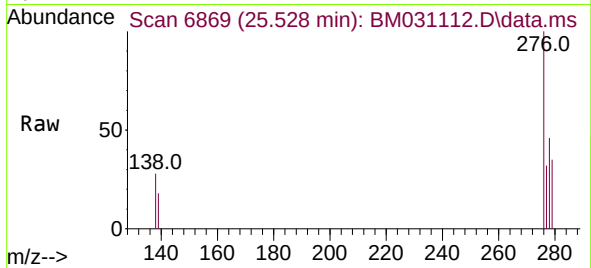
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng/ul
RT: 25.521 min Scan# 6866
Delta R.T. -0.012 min
Lab File: BM031112.D
Acq: 24 Jul 2021 05:47

Tgt Ion:	276	Resp:	1511
Ion Ratio	Lower	Upper	
276	100		
138	16.4	15.4	23.0
227	0.0	0.0	0.0



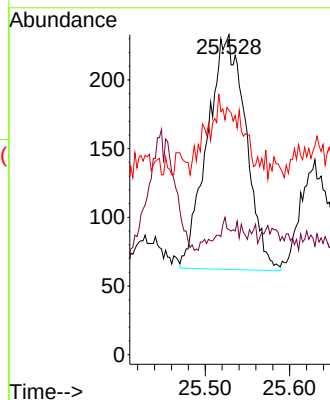
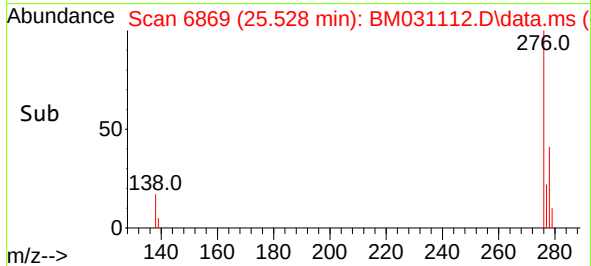


#28
 Dibenzo(a,h)anthracene
 Concen: 0.02 ng/ul
 RT: 25.528 min Scan# 6869
 Delta R.T. -0.017 min
 Lab File: BM031112.D
 Acq: 24 Jul 2021 05:47



Tgt Ion: 278 Resp: 542

Ion	Ratio	Lower	Upper
278	100		
139	39.1	12.6	18.8#
279	76.4	22.6	34.0#



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