

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031134.D
 Acq On : 24 Jul 2021 23:58
 Operator : CG/JU
 Sample : M2973-16
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGED3

Manual Integrations
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Quant Time: Jul 26 02:55:03 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 : Mon Jul 26 02:23:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1208	0.40	ng/ul	0.00
4) Naphthalene-d8	10.401	136	4732	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	3214	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.009	188	6966	0.40	ng/ul	0.00
17) Chrysene-d12	21.193	240	6666	0.40	ng/ul	0.00
23) Perylene-d12	23.365	264	6068	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	2916	2.30	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	1137	0.14	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	3066	0.15	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.451	128	1810	0.13	ng/ul#	93
12) Fluorene	15.316	166	347	0.03	ng/ul#	93
15) Phenanthrene	17.048	178	2086	0.09	ng/ul	94
16) Anthracene	17.141	178	1084	0.05	ng/ul#	88
19) Fluoranthene	19.066	202	6270	0.23	ng/ul#	94
20) Pyrene	19.428	202	4020	0.15	ng/ul#	92
21) Benzo(a)anthracene	21.178	228	5072	0.19	ng/ul	92
22) Chrysene	21.229	228	4630	0.16	ng/ul	97
24) Benzo(b)fluoranthene	22.721	252	6142m	0.22	ng/ul	
25) Benzo(k)fluoranthene	22.759	252	2663m	0.09	ng/ul	
26) Benzo(a)pyrene	23.271	252	1647	0.07	ng/ul#	48
27) Indeno(1,2,3-cd)pyrene	25.524	276	1282	0.04	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.536	278	685	0.03	ng/ul#	30

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

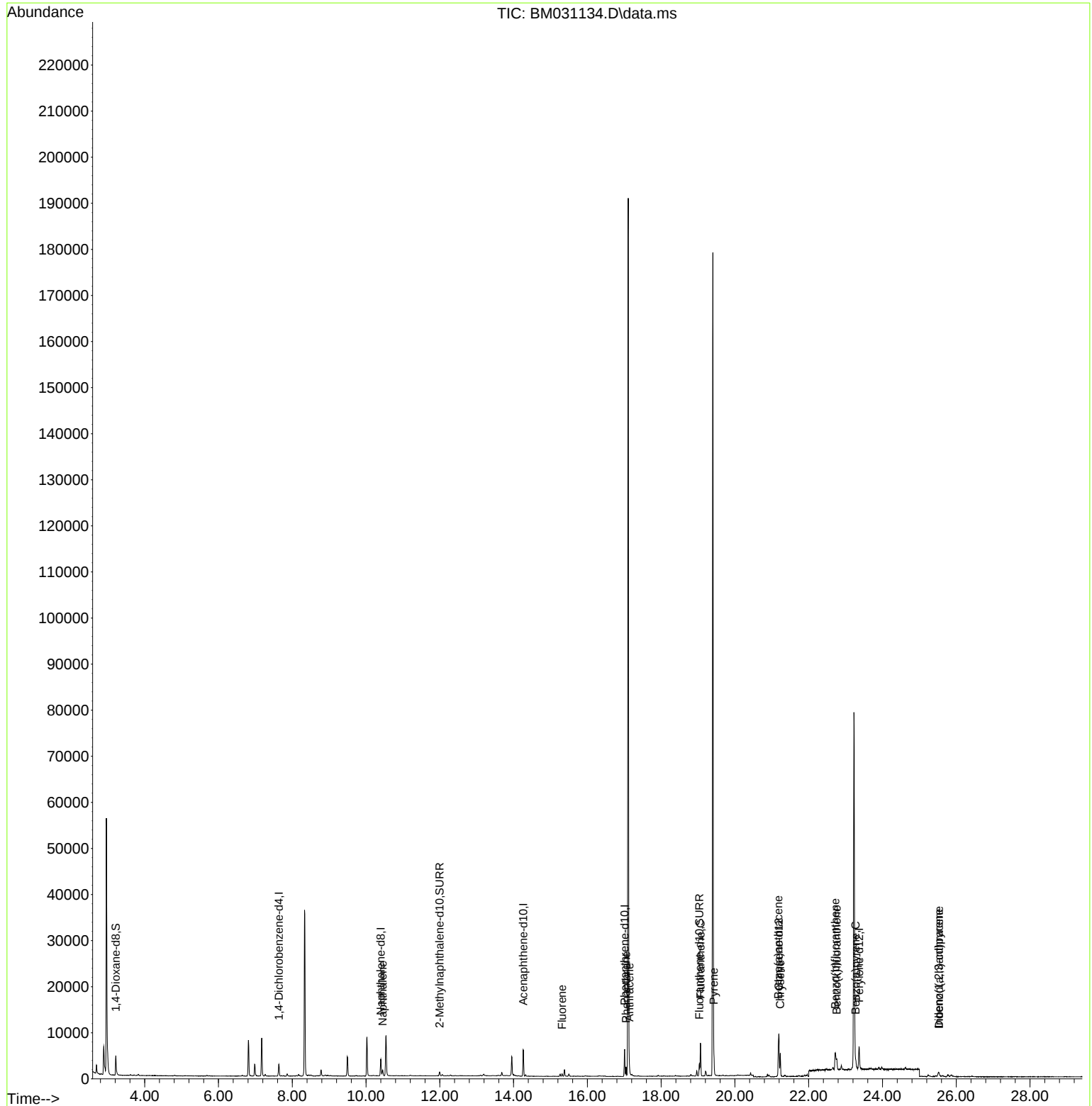
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Data File : BM031134.D
Acq On : 24 Jul 2021 23:58
Operator : CG/JU
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ALS Vial : 47 Sample Multiplier: 1

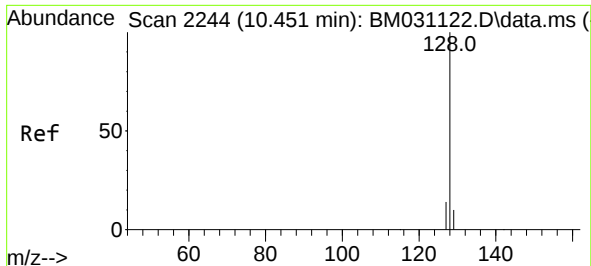
Instrument :
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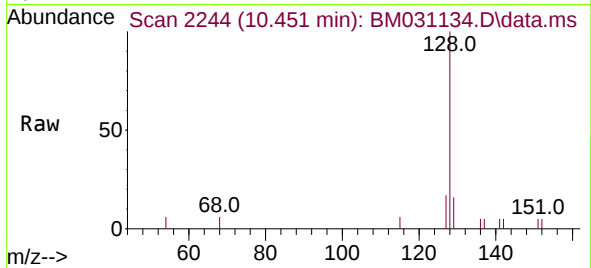
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Quant Time: Jul 26 02:55:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 26 02:23:23 2021
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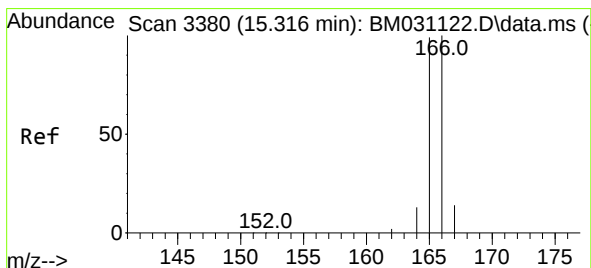
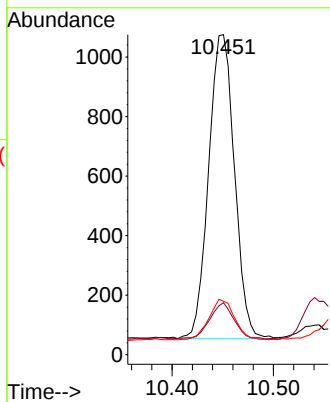
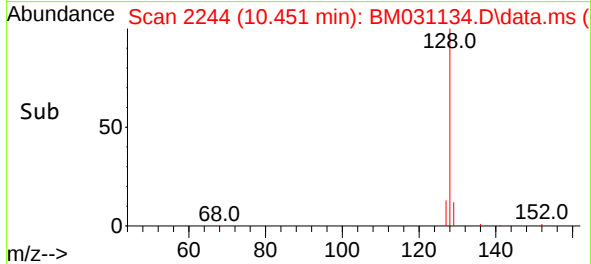




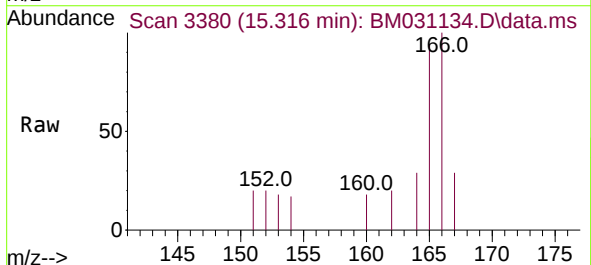
#5
Naphthalene
Concen: 0.13 ng/ul
RT: 10.451 min Scan# 2244
Delta R.T. -0.004 min
Lab File: BM031134.D
Acq: 24 Jul 2021 23:58



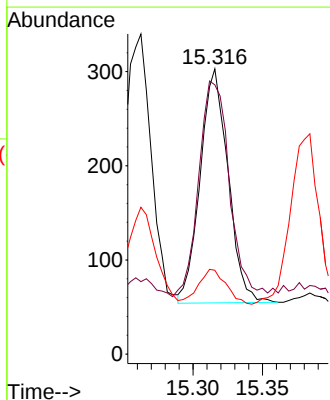
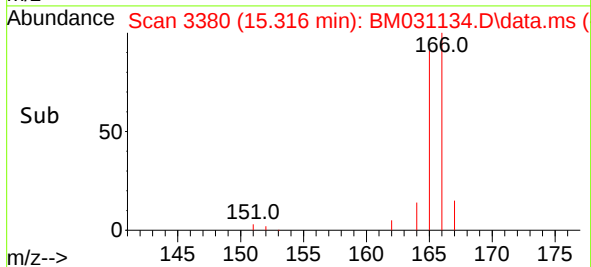
Tgt Ion:128 Resp: 1810
Ion Ratio Lower Upper
128 100
129 16.3 10.2 15.4#
127 16.7 11.8 17.8



#12
Fluorene
Concen: 0.03 ng/ul
RT: 15.316 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM031134.D
Acq: 24 Jul 2021 23:58



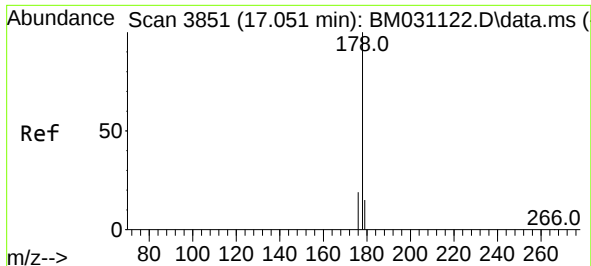
Tgt Ion:166 Resp: 347
Ion Ratio Lower Upper
166 100
165 94.4 78.2 117.2
167 29.4 12.3 18.5#



Instrument :
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ClientSampled :
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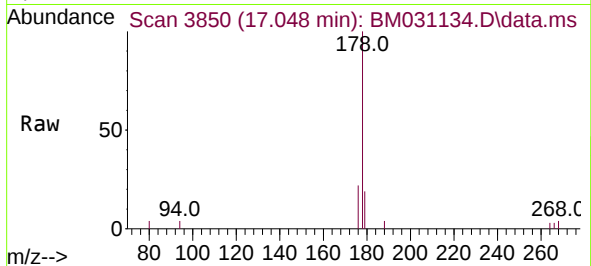
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#15
Phenanthrene
Concen: 0.09 ng/ul
RT: 17.048 min Scan# 3850
Delta R.T. -0.007 min
Lab File: BM031134.D
Acq: 24 Jul 2021 23:58

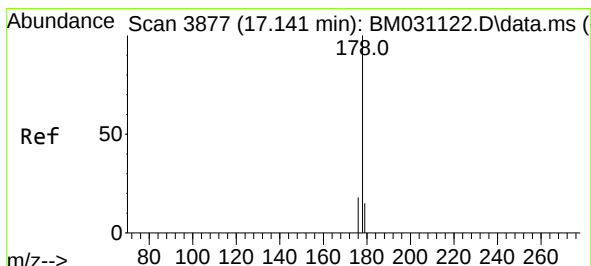
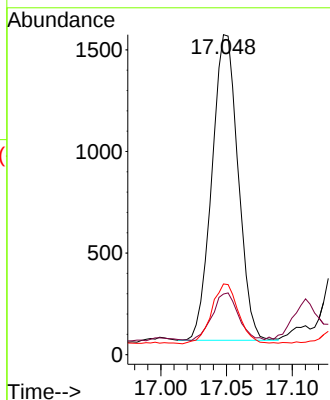
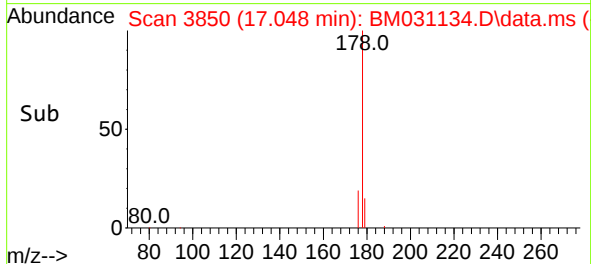
Instrument :
BNA_M
ClientSampled :
BGED3



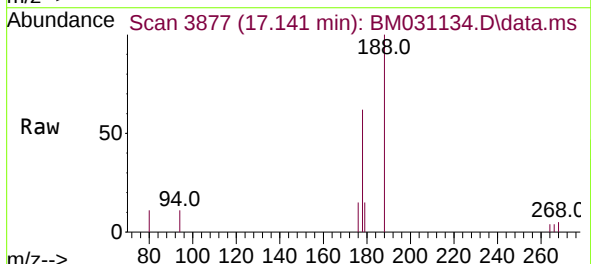
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Ion Ratio Lower Upper
178 100
179 19.0 13.3 19.9
176 22.1 15.4 23.2

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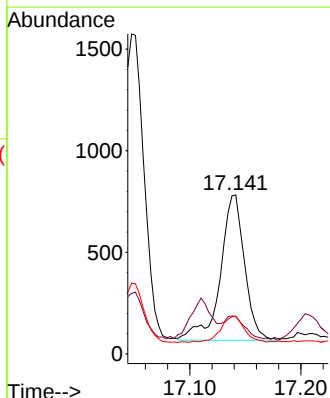
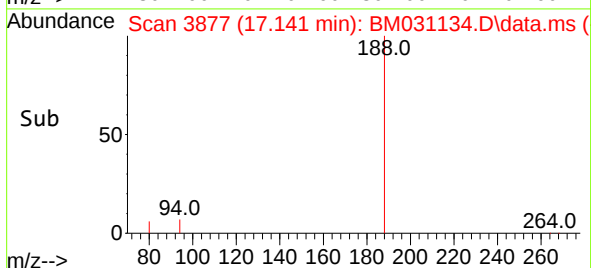
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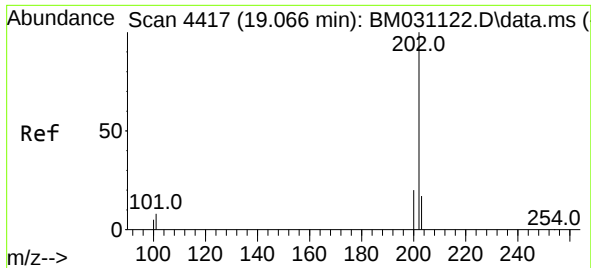


#16
Anthracene
Concen: 0.05 ng/ul
RT: 17.141 min Scan# 3877
Delta R.T. -0.003 min
Lab File: BM031134.D
Acq: 24 Jul 2021 23:58



Tgt Ion:178 Resp: 1084
Ion Ratio Lower Upper
178 100
179 23.6 13.8 20.8#
176 23.8 15.7 23.5#





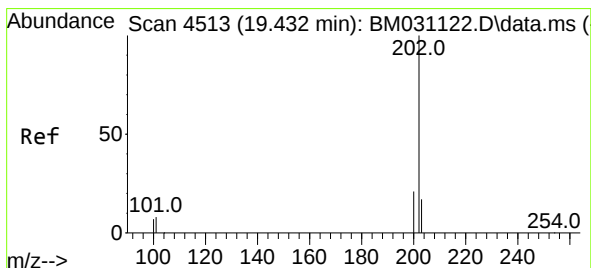
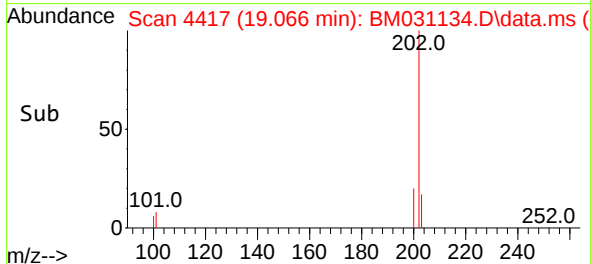
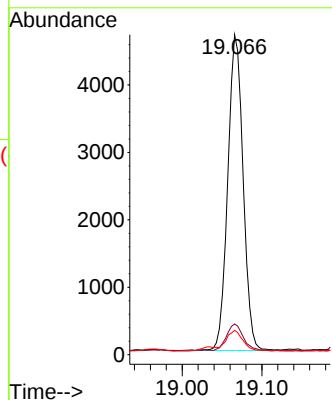
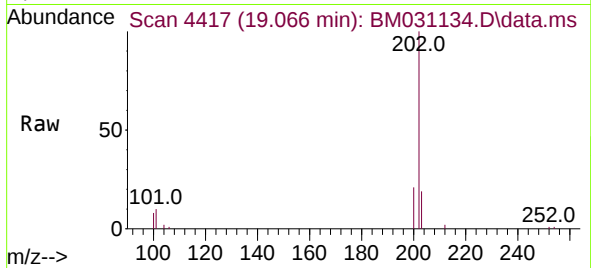
#19
Fluoranthene
Concen: 0.23 ng/ul
RT: 19.066 min Scan# 4417
Delta R.T. -0.004 min
Lab File: BM031134.D
Acq: 24 Jul 2021 23:58

Tgt Ion:202 Resp: 6270
Ion Ratio Lower Upper
202 100
101 9.6 6.0 9.0#
100 7.6 4.8 7.2#

Instrument :
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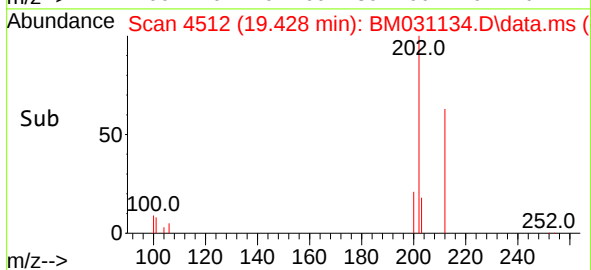
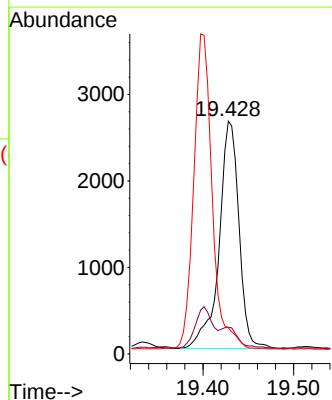
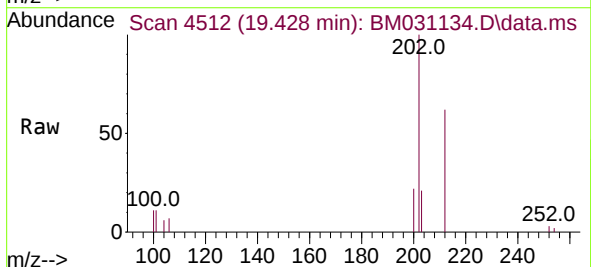
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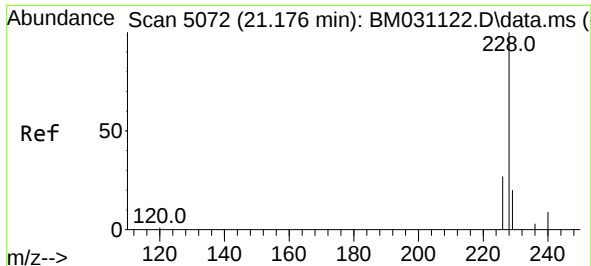
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#20
Pyrene
Concen: 0.15 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. -0.008 min
Lab File: BM031134.D
Acq: 24 Jul 2021 23:58

Tgt Ion:202 Resp: 4020
Ion Ratio Lower Upper
202 100
101 11.5 7.4 11.0#
100 11.2 6.0 9.0#





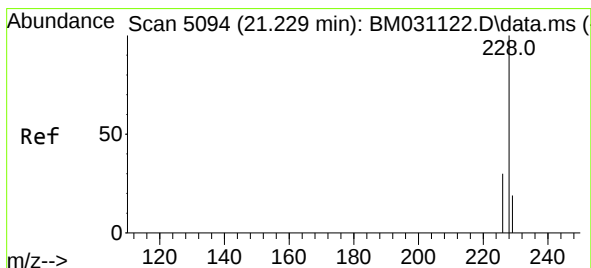
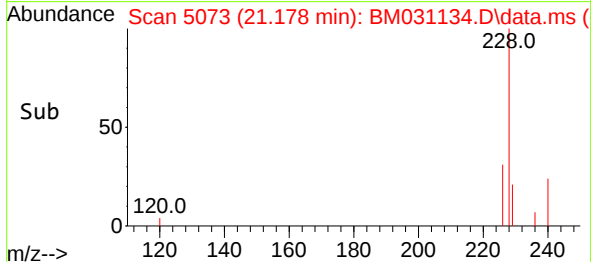
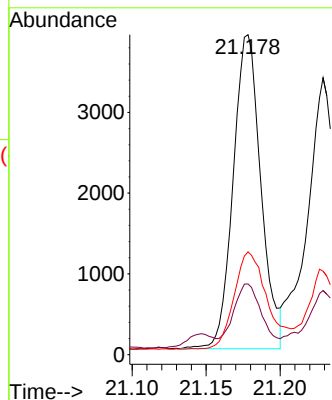
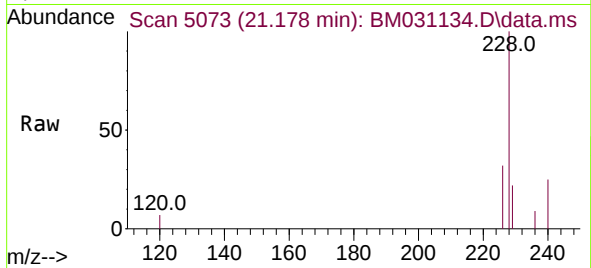
#21
Benzo(a)anthracene
Concen: 0.19 ng/ul
RT: 21.178 min Scan# 5073
Delta R.T. -0.005 min
Lab File: BM031134.D
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Tgt Ion:228 Resp: 5072
Ion Ratio Lower Upper
228 100
229 22.1 16.0 24.0
226 32.1 21.4 32.2

Instrument :
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ClientSampled :
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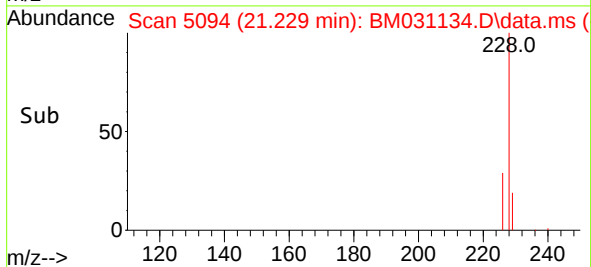
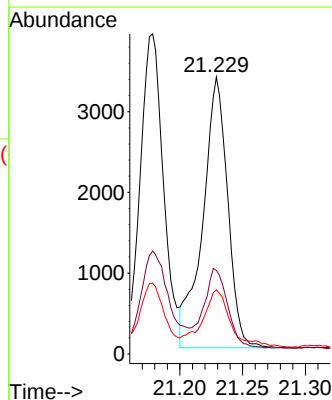
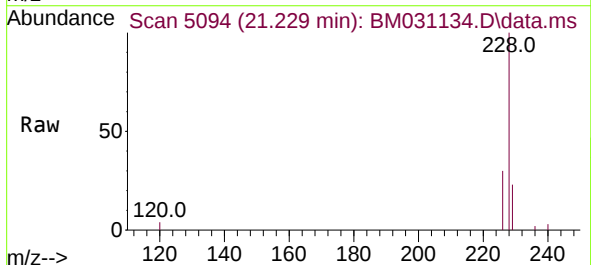
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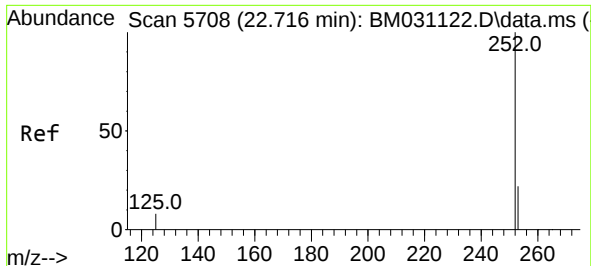
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#22
Chrysene
Concen: 0.16 ng/ul
RT: 21.229 min Scan# 5094
Delta R.T. -0.005 min
Lab File: BM031134.D
Acq: 24 Jul 2021 23:58

Tgt Ion:228 Resp: 4630
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 23.2 15.8 23.8





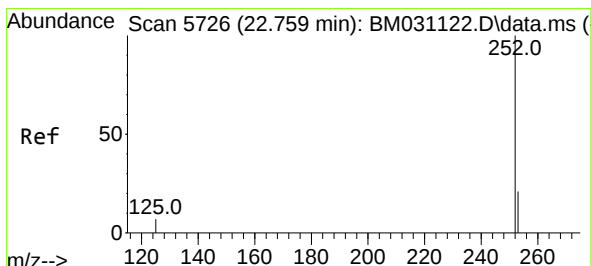
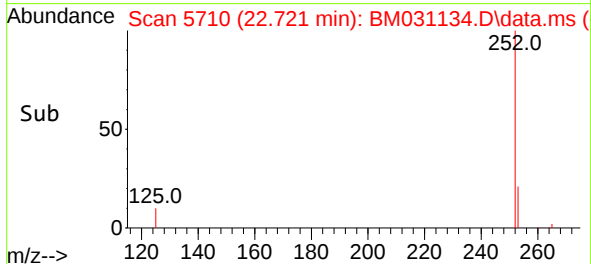
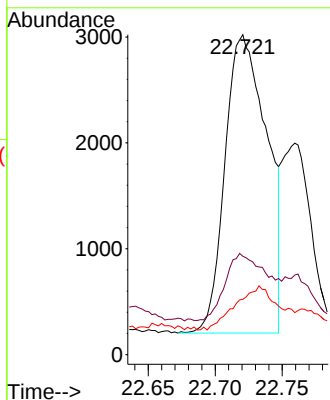
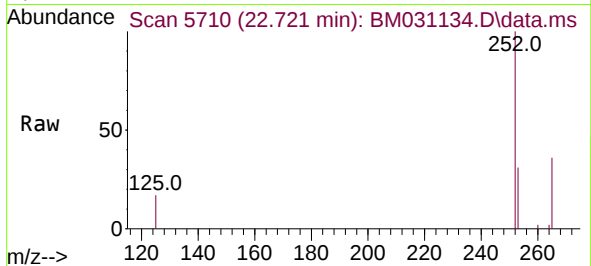
#24
Benzo(b)fluoranthene
Concen: 0.22 ng/ul m
RT: 22.721 min Scan# 5710
Delta R.T. -0.005 min
Lab File: BM031134.D
Acq: 24 Jul 2021 23:58

Tgt Ion:252 Resp: 6142
Ion Ratio Lower Upper
252 100
253 30.7 0.0 52.8
125 17.3 0.0 20.2

Instrument :
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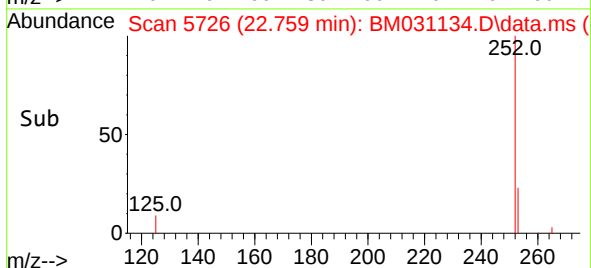
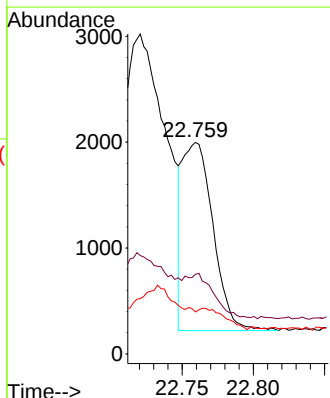
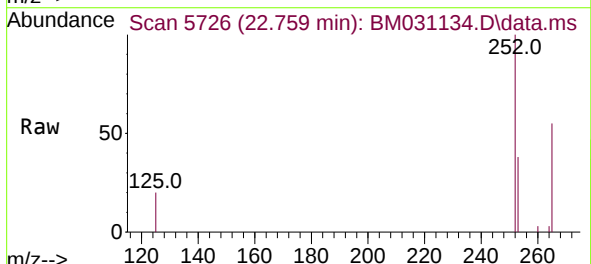
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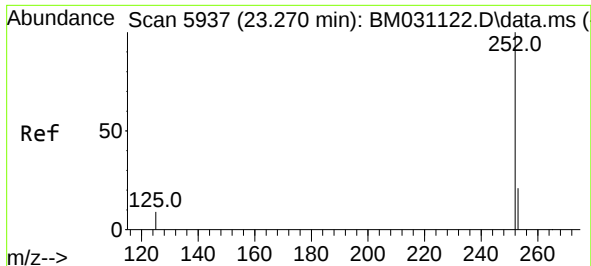
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#25
Benzo(k)fluoranthene
Concen: 0.09 ng/ul m
RT: 22.759 min Scan# 5726
Delta R.T. -0.007 min
Lab File: BM031134.D
Acq: 24 Jul 2021 23:58

Tgt Ion:252 Resp: 2663
Ion Ratio Lower Upper
252 100
253 37.6 21.6 32.4#
125 19.9 8.6 13.0#





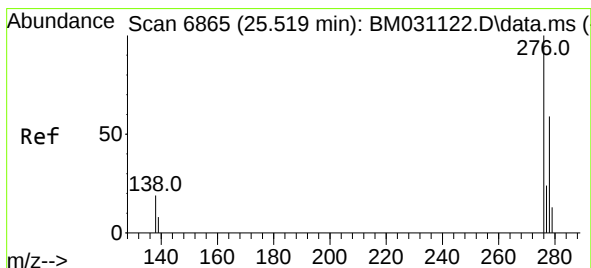
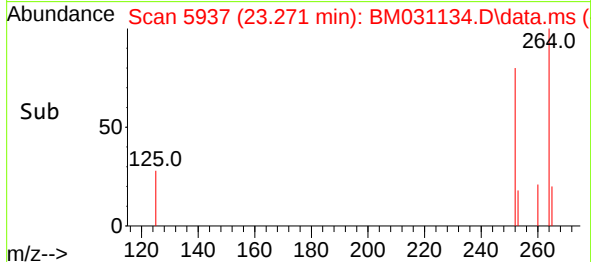
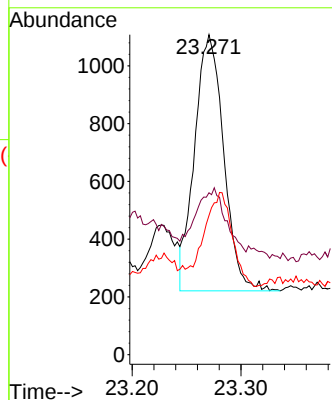
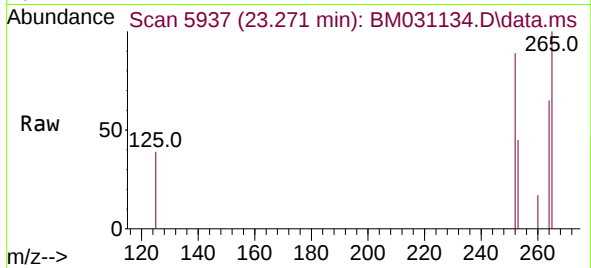
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Benzo(a)pyrene
Concen: 0.07 ng/ul
RT: 23.271 min Scan# 5937
Delta R.T. -0.010 min
Lab File: BM031134.D
Acq: 24 Jul 2021 23:58

Tgt Ion:	252	Resp:	1647
Ion Ratio	100	Lower	Upper
252	100		
253	50.6	23.1	34.7#
125	43.5	10.7	16.1#

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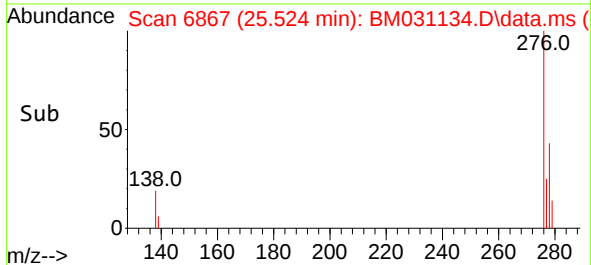
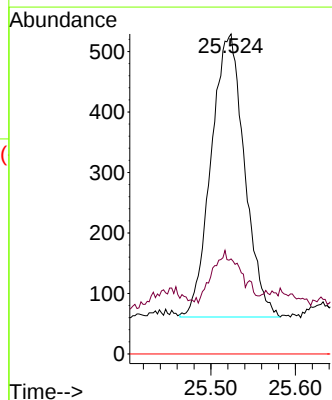
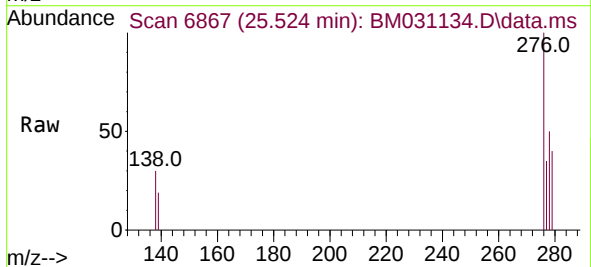
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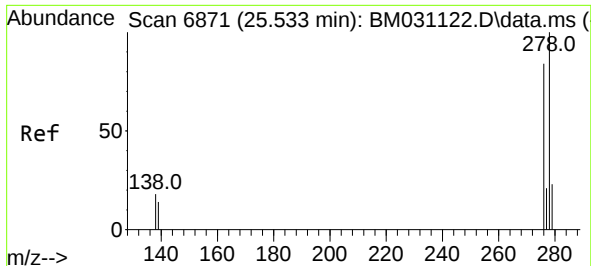
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng/ul
RT: 25.524 min Scan# 6867
Delta R.T. -0.010 min
Lab File: BM031134.D
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Tgt Ion:	276	Resp:	1282
Ion Ratio	100	Lower	Upper
276	100		
138	17.6	15.4	23.0
227	0.0	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.03 ng/ul

RT: 25.536 min Scan# 6872

Delta R.T. -0.010 min

Lab File: BM031134.D

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Tgt Ion: 278 Resp: 685

Ion Ratio Lower Upper

278 100

139 36.6 12.6 18.8#

279 71.3 22.6 34.0#

Instrument :

BNA_M

ClientSampleId :

BGED3

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