

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031171.D
 Acq On : 26 Jul 2021 20:12
 Operator : CG/JU
 Sample : M2973-10DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEC7DL

Manual Integrations
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Quant Time: Jul 27 06:22:21 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 : Thu Jul 22 01:52:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1169	0.400	ng/ul	0.00
4) Naphthalene-d8	10.397	136	4584	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.261	164	3124	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	6975	0.400	ng/ul	0.00
17) Chrysene-d12	21.190	240	6551	0.400	ng/ul	0.00
23) Perylene-d12	23.360	264	5586	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	498	0.406	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	206	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	581	0.029	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.446	128	309	0.023	ng/ul#	63
10) Acenaphthylene	13.981	152	1075	0.084	ng/ul	93
11) Acenaphthene	14.326	153	269	0.024	ng/ul#	94
12) Fluorene	15.315	166	650	0.049	ng/ul#	95
15) Phenanthrene	17.047	178	14602	0.659	ng/ul	99
16) Anthracene	17.138	178	6011	0.290	ng/ul	99
19) Fluoranthene	19.066	202	29446	1.117	ng/ul	99
20) Pyrene	19.428	202	14258	0.530	ng/ul	99
21) Benzo(a)anthracene	21.173	228	14845	0.567	ng/ul	97
22) Chrysene	21.224	228	11973	0.423	ng/ul	98
24) Benzo(b)fluoranthene	22.716	252	11814m	0.450	ng/ul	
25) Benzo(k)fluoranthene	22.754	252	5793m	0.217	ng/ul	
26) Benzo(a)pyrene	23.265	252	2828	0.125	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.509	276	2092	0.070	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.526	278	1245	0.052	ng/ul#	65

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

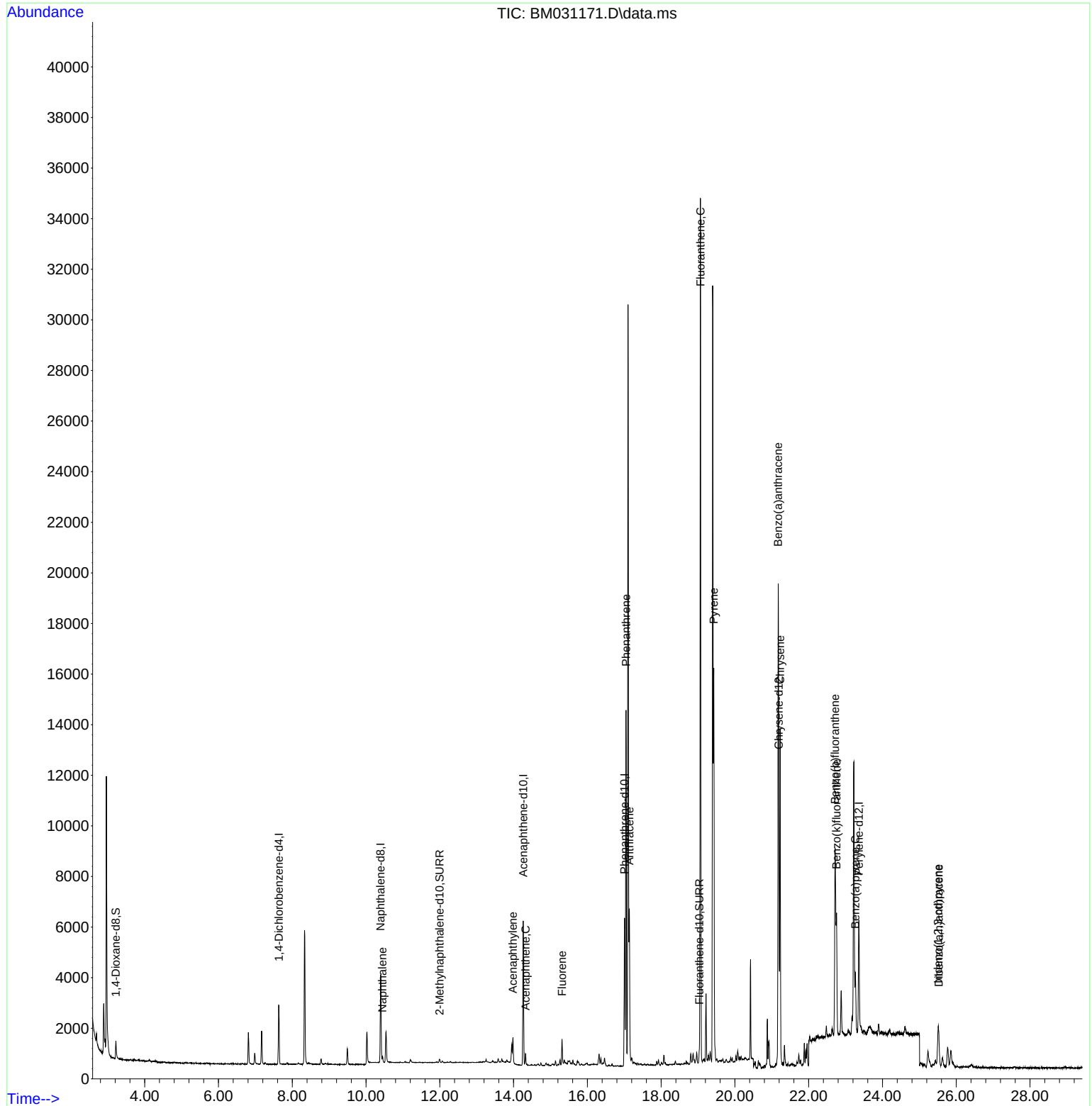
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Data File : BM031171.D
Acq On : 26 Jul 2021 20:12
Operator : CG/JU
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ALS Vial : 17 Sample Multiplier: 1

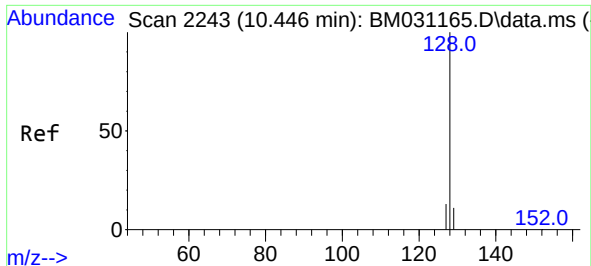
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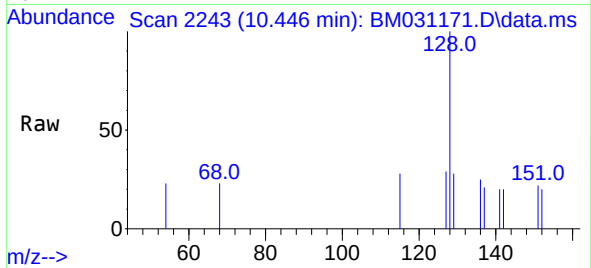
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Quant Time: Jul 27 06:22:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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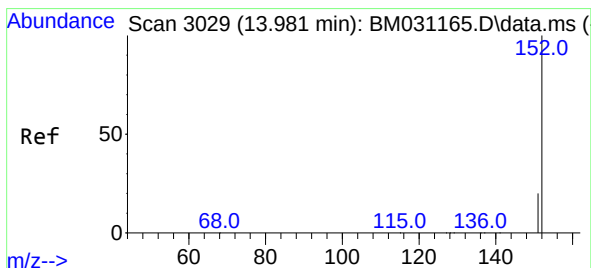
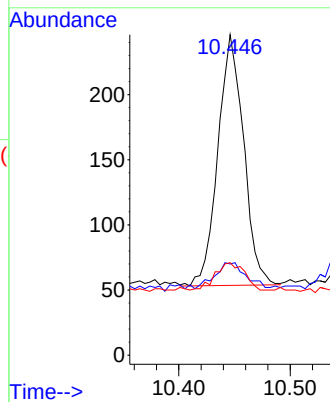
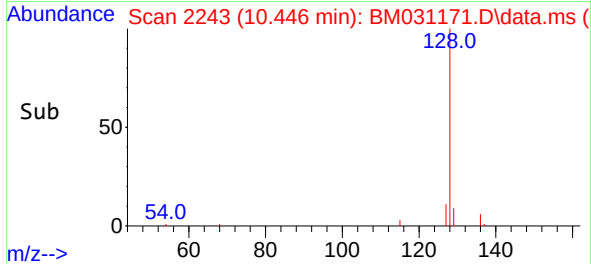




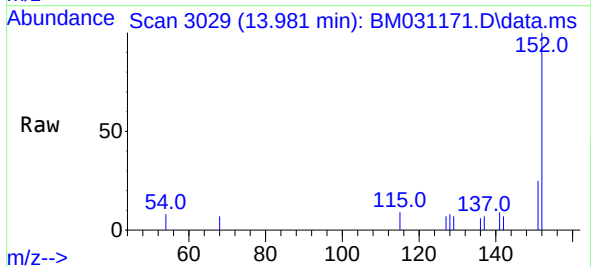
#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. -0.009 min
Lab File: BM031171.D
Acq: 26 Jul 2021 20:12



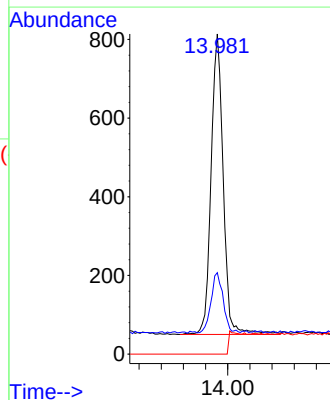
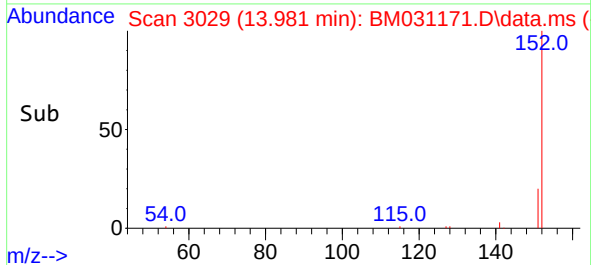
Tgt Ion:128 Resp: 309
Ion Ratio Lower Upper
128 100
129 28.5 10.2 15.4#
127 28.9 11.8 17.8#



#10
Acenaphthylene
Concen: 0.084 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.005 min
Lab File: BM031171.D
Acq: 26 Jul 2021 20:12



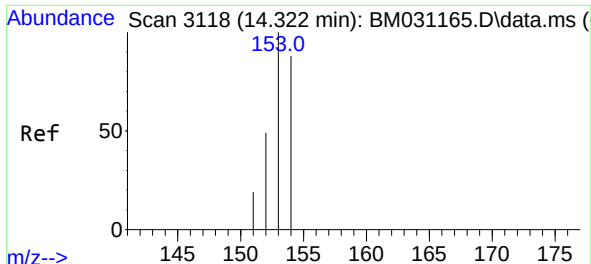
Tgt Ion:152 Resp: 1075
Ion Ratio Lower Upper
152 100
151 25.4 17.5 26.3
153 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
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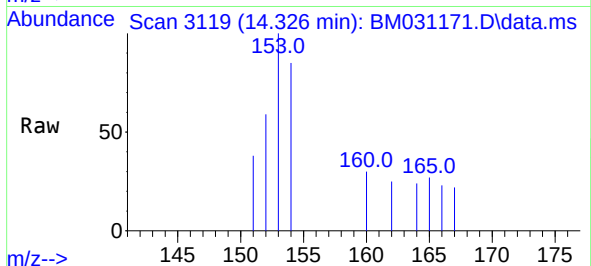
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#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.326 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BM031171.D
Acq: 26 Jul 2021 20:12

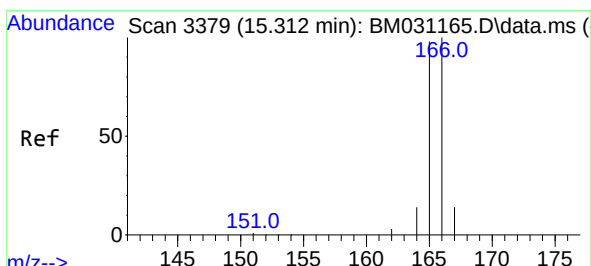
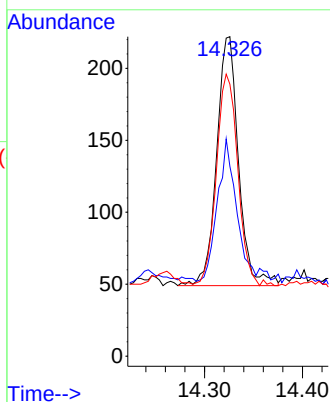
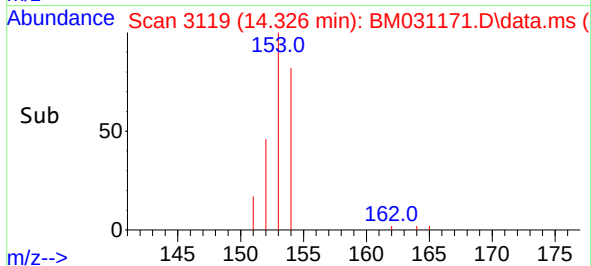
Instrument :
BNA_M
ClientSampleId :
BGEC7DL



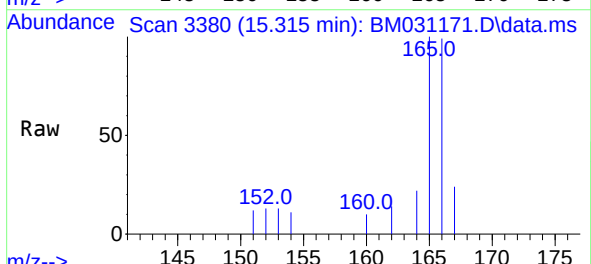
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Ion Ratio Lower Upper
153 100
152 59.5 39.4 59.2#
154 85.1 68.2 102.4

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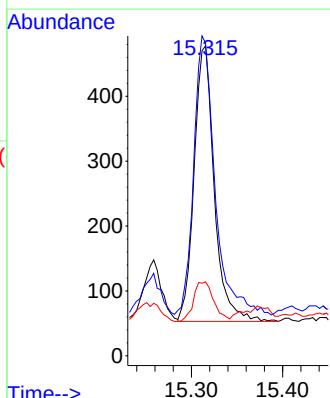
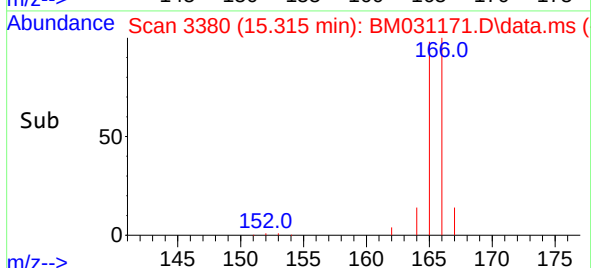
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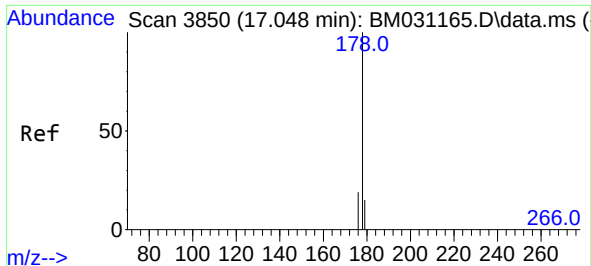


#12
Fluorene
Concen: 0.049 ng/ul
RT: 15.315 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM031171.D
Acq: 26 Jul 2021 20:12



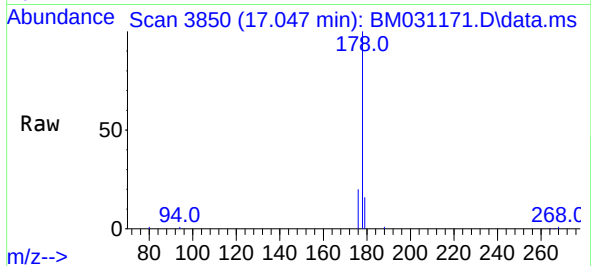
Tgt Ion:166 Resp: 650
Ion Ratio Lower Upper
166 100
165 100.8 78.2 117.2
167 23.8 12.3 18.5#





#15
Phenanthrene
Concen: 0.659 ng/u1
RT: 17.047 min Scan# 3850
Delta R.T. -0.007 min
Lab File: BM031171.D
Acq: 26 Jul 2021 20:12

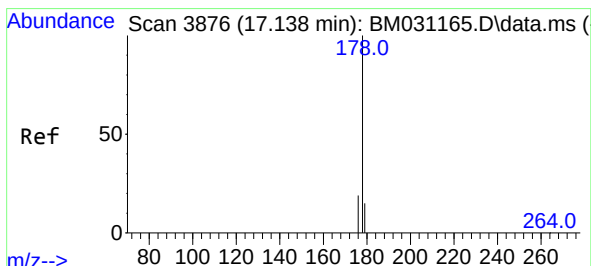
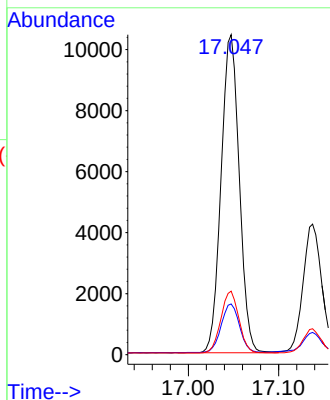
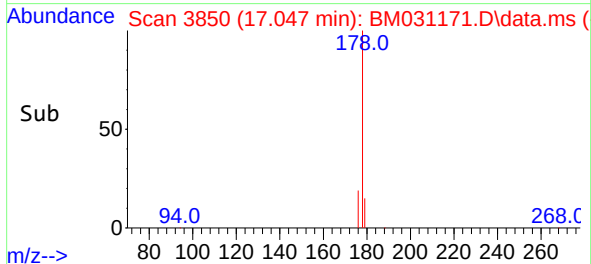
Instrument :
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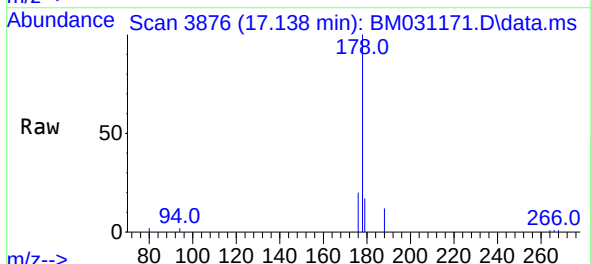
Tgt Ion:178 Resp: 14602
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.8 15.4 23.2

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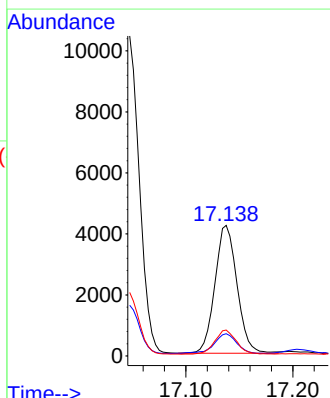
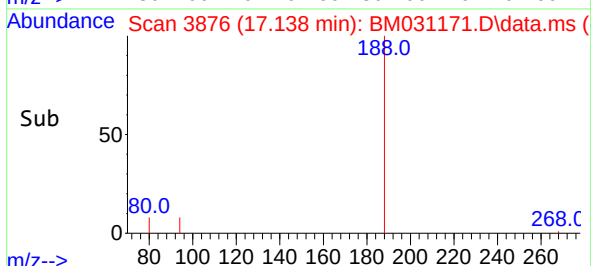
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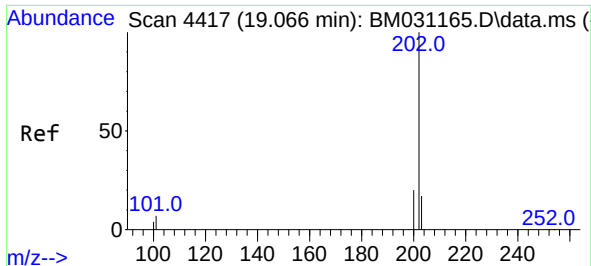


#16
Anthracene
Concen: 0.290 ng/u1
RT: 17.138 min Scan# 3876
Delta R.T. -0.007 min
Lab File: BM031171.D
Acq: 26 Jul 2021 20:12

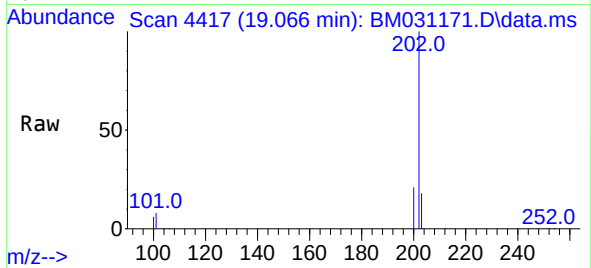


Tgt Ion:178 Resp: 6011
Ion Ratio Lower Upper
178 100
179 17.0 13.8 20.8
176 19.9 15.7 23.5

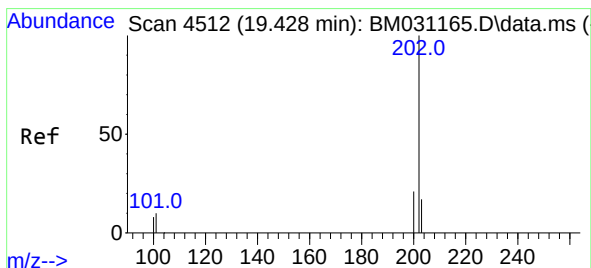
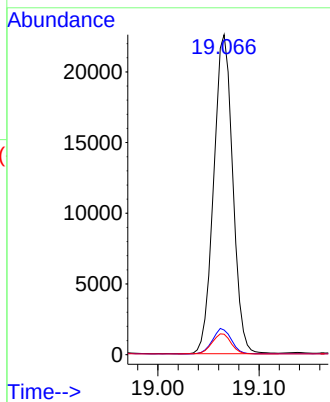
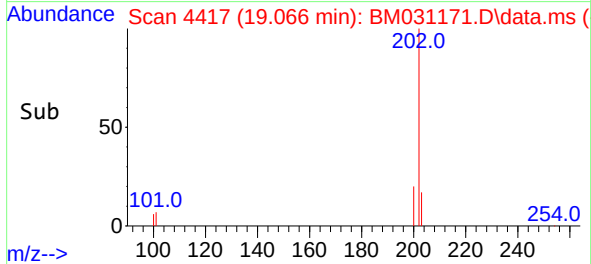




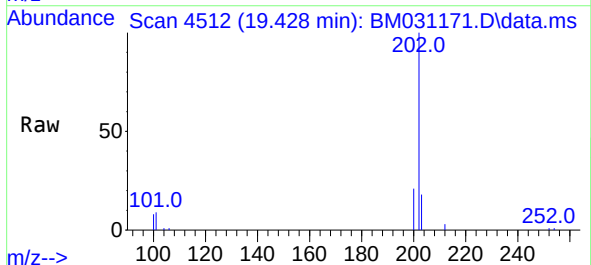
#19
Fluoranthene
Concen: 1.117 ng/u1
RT: 19.066 min Scan# 4417
Delta R.T. -0.008 min
Lab File: BM031171.D
Acq: 26 Jul 2021 20:12



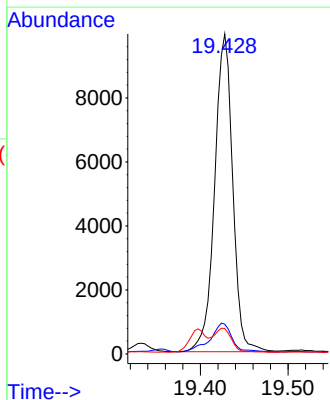
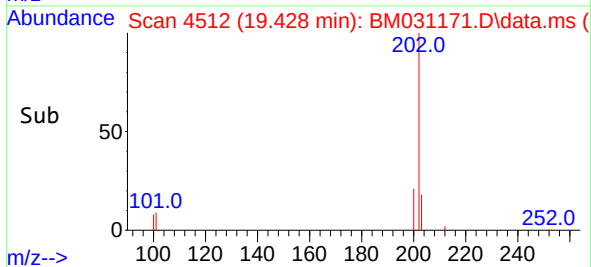
Tgt Ion:202 Resp: 29446
Ion Ratio Lower Upper
202 100
101 7.7 6.0 9.0
100 6.4 4.8 7.2



#20
Pyrene
Concen: 0.530 ng/u1
RT: 19.428 min Scan# 4512
Delta R.T. -0.008 min
Lab File: BM031171.D
Acq: 26 Jul 2021 20:12



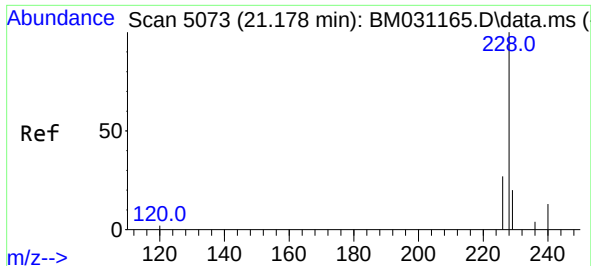
Tgt Ion:202 Resp: 14258
Ion Ratio Lower Upper
202 100
101 9.3 7.4 11.0
100 8.0 6.0 9.0



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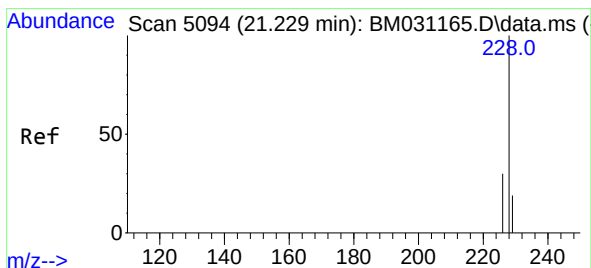
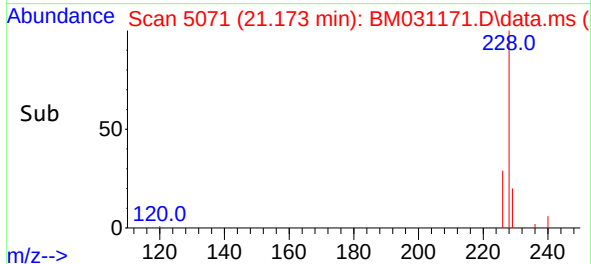
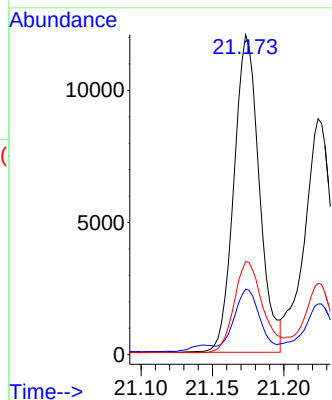
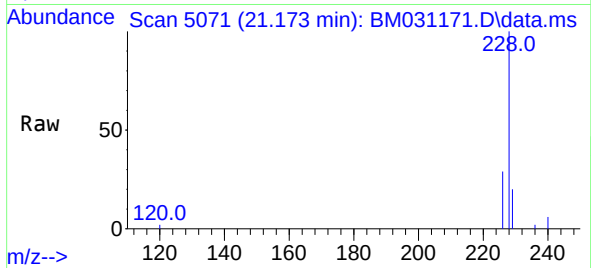
#21
Benzo(a)anthracene
Concen: 0.567 ng/ul
RT: 21.173 min Scan# 5071
Delta R.T. -0.010 min
Lab File: BM031171.D
Acq: 26 Jul 2021 20:12

Tgt Ion:228 Resp: 14845
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 29.1 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGEC7DL

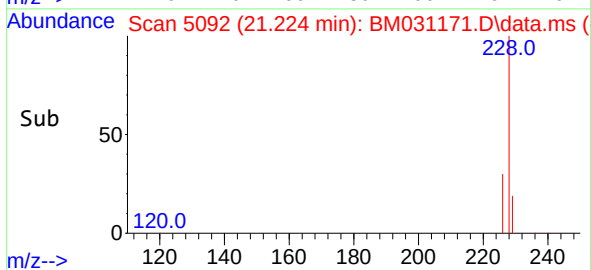
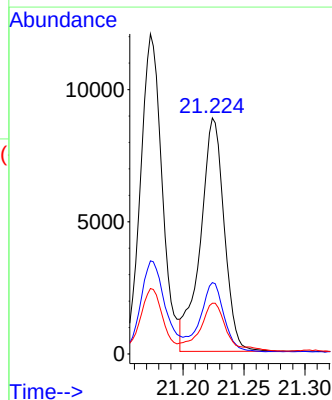
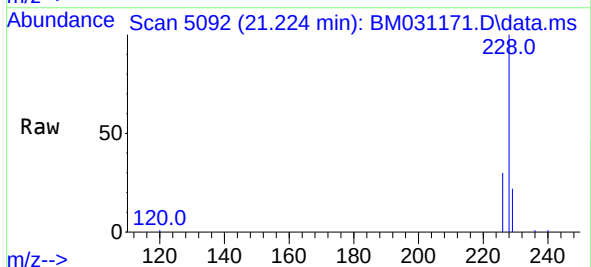
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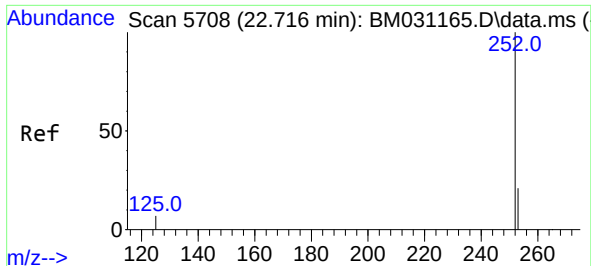
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#22
Chrysene
Concen: 0.423 ng/ul
RT: 21.224 min Scan# 5092
Delta R.T. -0.010 min
Lab File: BM031171.D
Acq: 26 Jul 2021 20:12

Tgt Ion:228 Resp: 11973
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 21.5 15.8 23.8





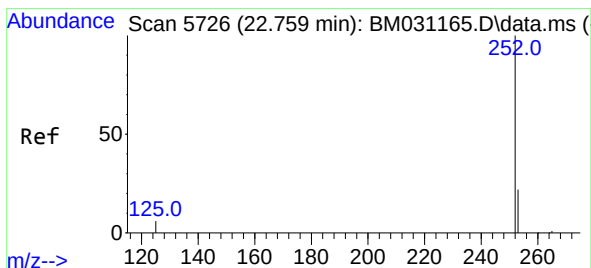
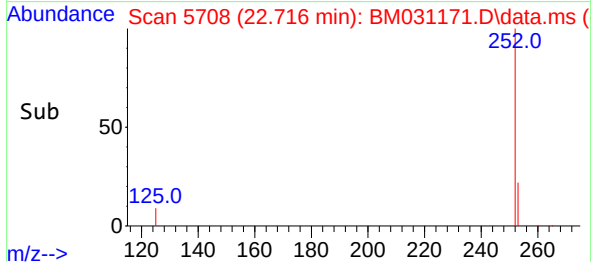
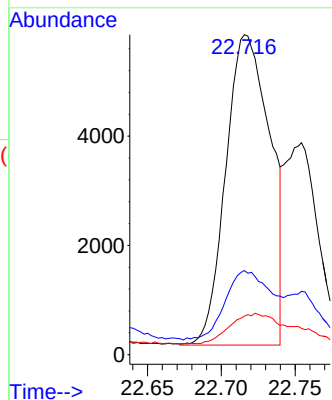
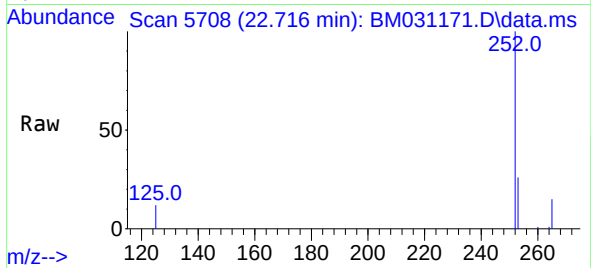
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Benzo(b)fluoranthene
Concen: 0.450 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.010 min
Lab File: BM031171.D
Acq: 26 Jul 2021 20:12

Tgt Ion:	252	Resp:	11814
Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	52.8
125	12.1	0.0	20.2

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BGEC7DL

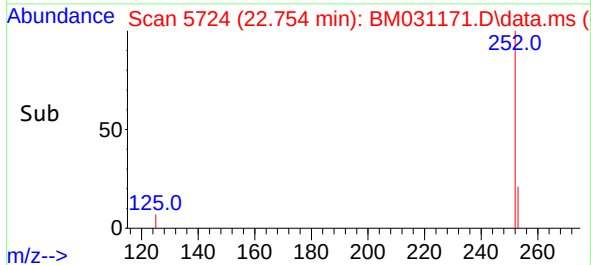
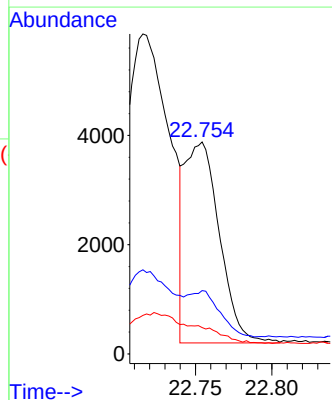
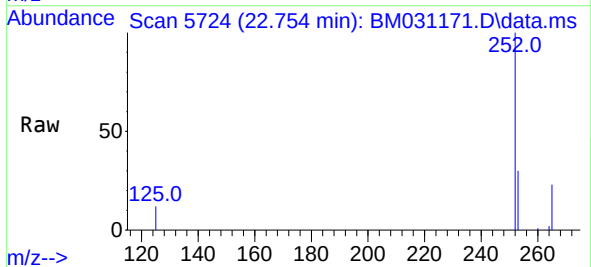
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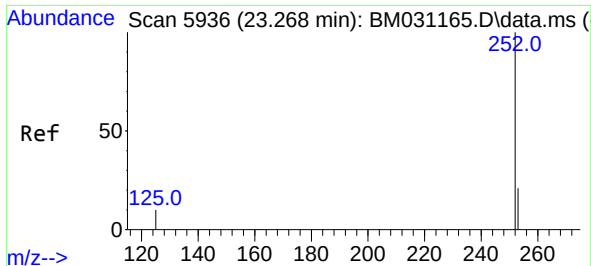
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#25
Benzo(k)fluoranthene
Concen: 0.217 ng/ul m
RT: 22.754 min Scan# 5724
Delta R.T. -0.015 min
Lab File: BM031171.D
Acq: 26 Jul 2021 20:12

Tgt Ion:	252	Resp:	5793
Ion	Ratio	Lower	Upper
252	100		
253	29.9	21.6	32.4
125	12.5	8.6	13.0





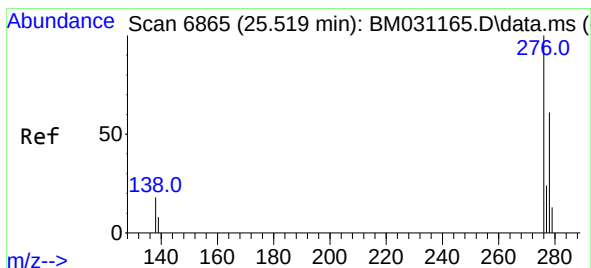
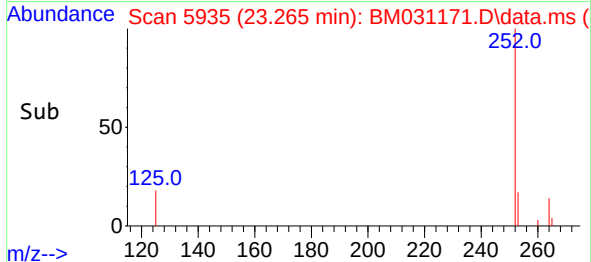
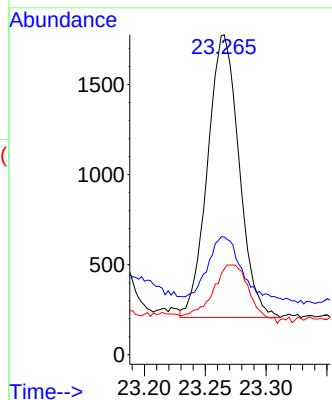
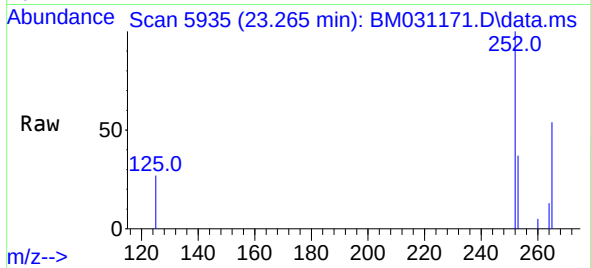
#26
Benzo(a)pyrene
Concen: 0.125 ng/ul
RT: 23.265 min Scan# 5935
Delta R.T. -0.015 min
Lab File: BM031171.D
Acq: 26 Jul 2021 20:12

Tgt Ion:	252	Resp:	2828
Ion Ratio	Lower	Upper	
252	100		
253	36.8	23.1	34.7#
125	26.7	10.7	16.1#

Instrument :
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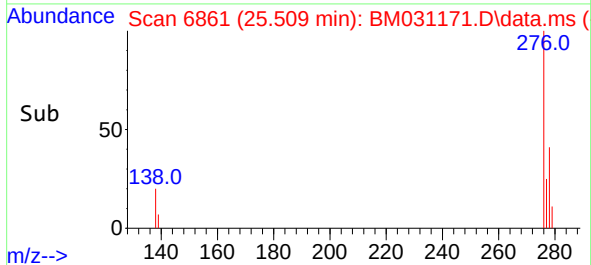
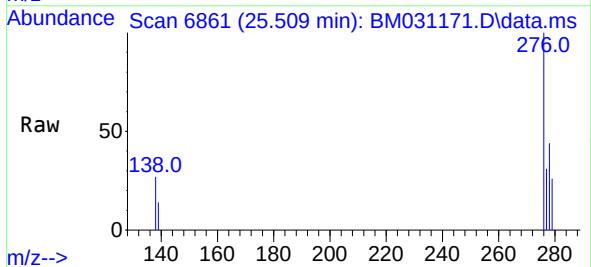
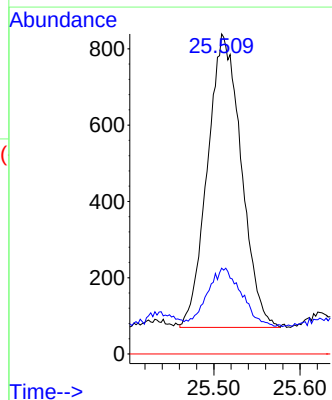
Manual Integrations
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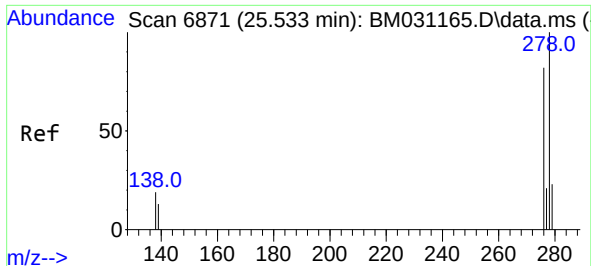
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.070 ng/ul
RT: 25.509 min Scan# 6861
Delta R.T. -0.024 min
Lab File: BM031171.D
Acq: 26 Jul 2021 20:12

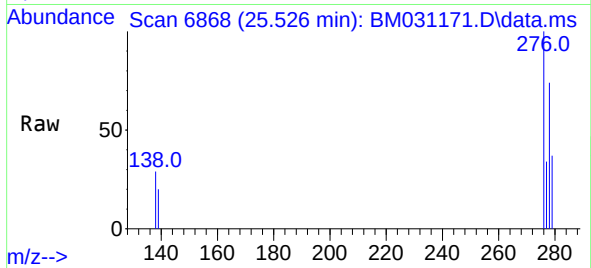
Tgt Ion:	276	Resp:	2092
Ion Ratio	Lower	Upper	
276	100		
138	19.8	15.4	23.0
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.052 ng/ul
 RT: 25.526 min Scan# 6868
 Delta R.T. -0.027 min
 Lab File: BM031171.D
 Acq: 26 Jul 2021 20:12

Instrument :
 BNA_M
 ClientSampleID :
 BGEC7DL



Tgt Ion:278 Resp: 1245
 Ion Ratio Lower Upper
 278 100
 139 26.7 12.6 18.8#
 279 49.4 22.6 34.0#

Manual Integrations
 APPROVED

mohammad
 7/27/2021 12:09:20 PM

