

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031417.D
 Acq On : 03 Aug 2021 18:30
 Operator : CG/JU
 Sample : M3122-04DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEN7DL

Manual Integrations
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Quant Time: Aug 04 02:37:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 13:47:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.597	152	1842	0.400	ng/ul	0.00
4) Naphthalene-d8	10.361	136	7053	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.231	164	3974	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	7467	0.400	ng/ul	0.00
17) Chrysene-d12	21.168	240	5748	0.400	ng/ul	0.00
23) Perylene-d12	23.331	264	5573	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	944	0.461	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	375	0.032	ng/ul	0.00
18) Fluoranthene-d10	19.008	212	638	0.033	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.406	128	1250	0.059	ng/ul#	90
10) Acenaphthylene	13.950	152	447	0.026	ng/ul#	71
15) Phenanthrene	17.020	178	2639	0.111	ng/ul	98
16) Anthracene	17.110	178	1309	0.059	ng/ul#	91
19) Fluoranthene	19.039	202	9249	0.377	ng/ul	97
20) Pyrene	19.401	202	2929	0.118	ng/ul#	92
21) Benzo(a)anthracene	21.154	228	5786	0.249	ng/ul	93
22) Chrysene	21.205	228	4509	0.188	ng/ul	95
24) Benzo(b)fluoranthene	22.689	252	5391m	0.215	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	2493m	0.096	ng/ul	
26) Benzo(a)pyrene	23.237	252	792	0.036	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.468	276	818	0.029	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.485	278	739	0.032	ng/ul#	20

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

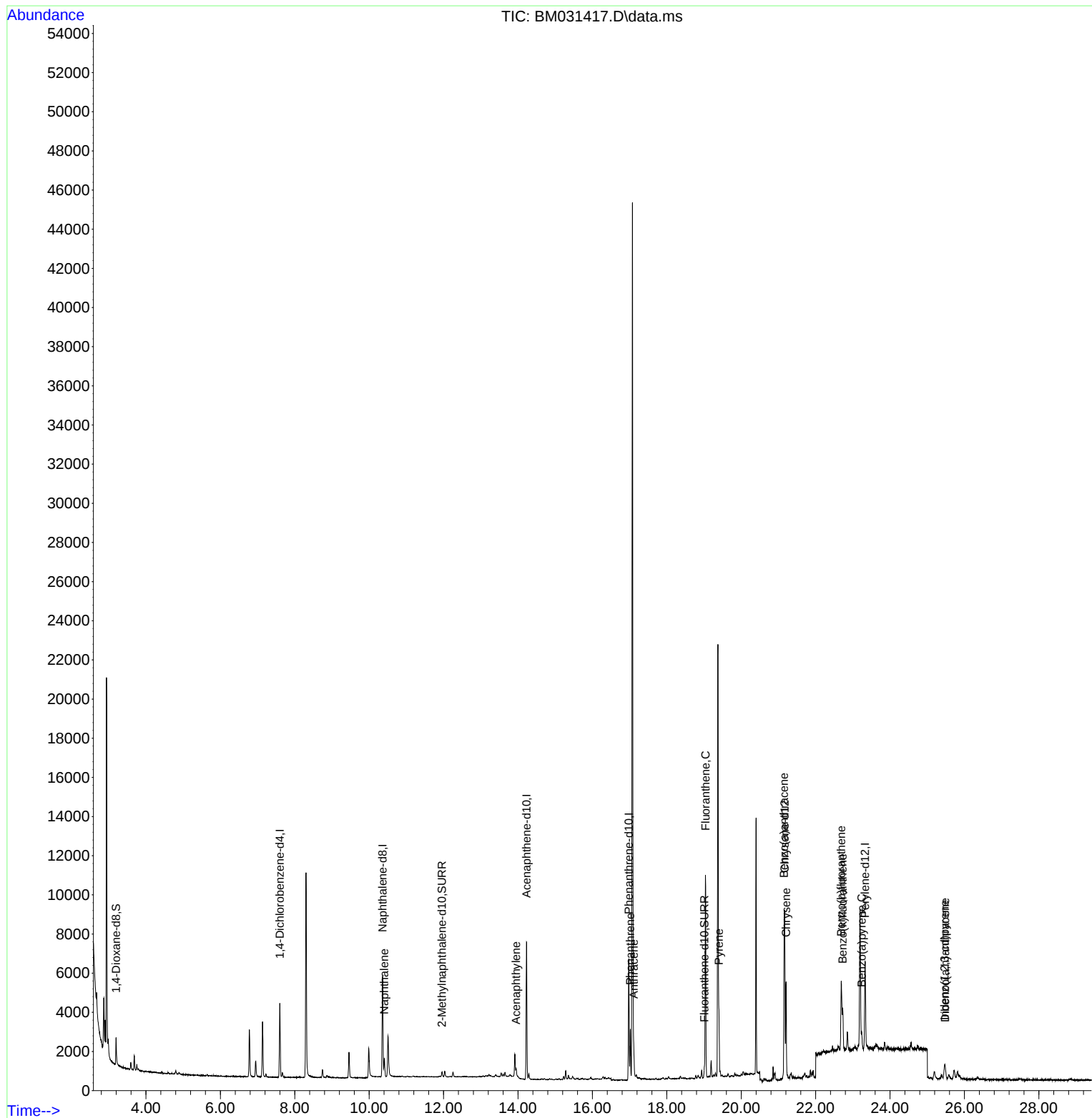
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Data File : BM031417.D
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ALS Vial : 47 Sample Multiplier: 1

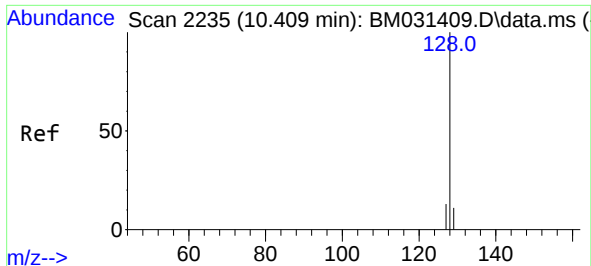
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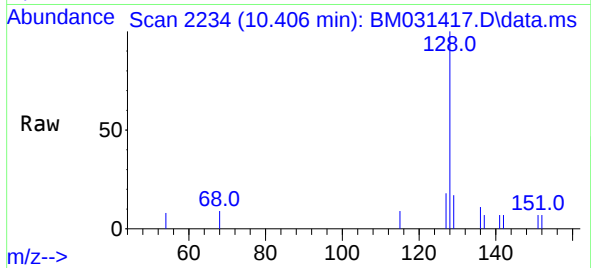
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Quant Time: Aug 04 02:37:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 13:47:07 2021
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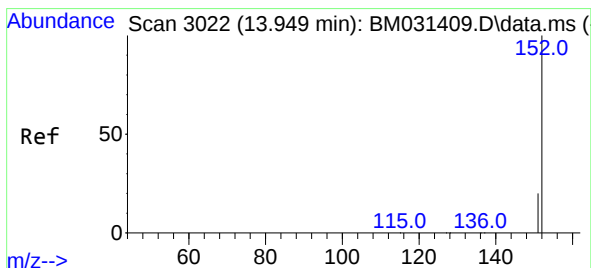
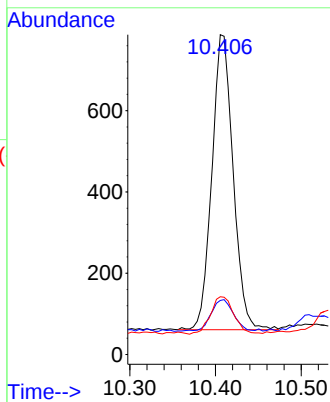
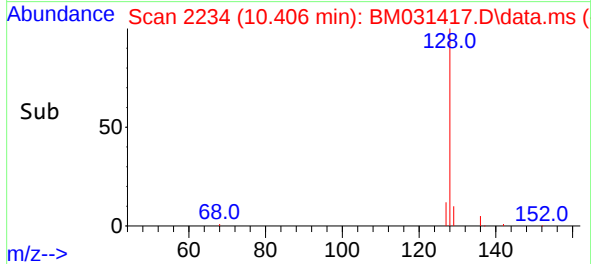




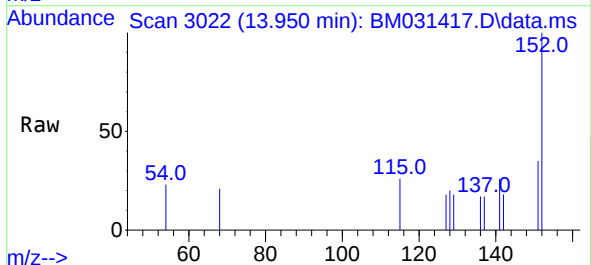
#5
Naphthalene
Concen: 0.059 ng/u1
RT: 10.406 min Scan# 2234
Delta R.T. -0.003 min
Lab File: BM031417.D
Acq: 03 Aug 2021 18:30



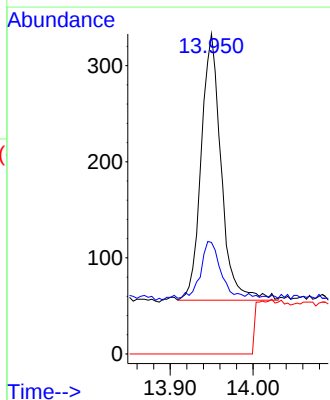
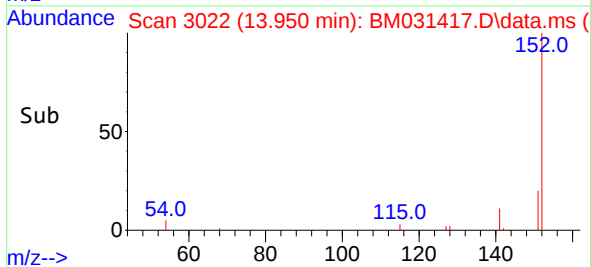
Tgt Ion:128 Resp: 1250
Ion Ratio Lower Upper
128 100
129 16.9 10.0 15.0#
127 18.0 11.6 17.4#



#10
Acenaphthylene
Concen: 0.026 ng/u1
RT: 13.950 min Scan# 3022
Delta R.T. 0.001 min
Lab File: BM031417.D
Acq: 03 Aug 2021 18:30



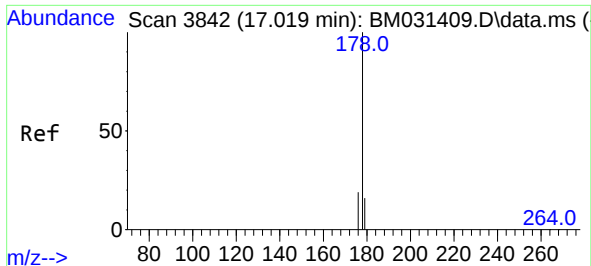
Tgt Ion:152 Resp: 447
Ion Ratio Lower Upper
152 100
151 34.8 16.9 25.3#
153 0.0 0.0 0.0



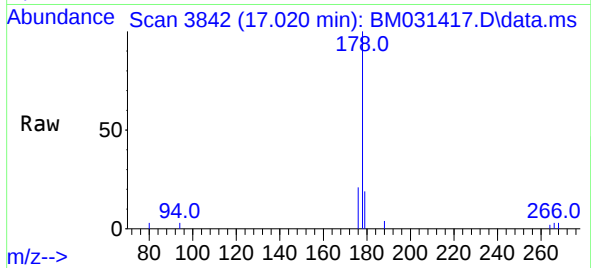
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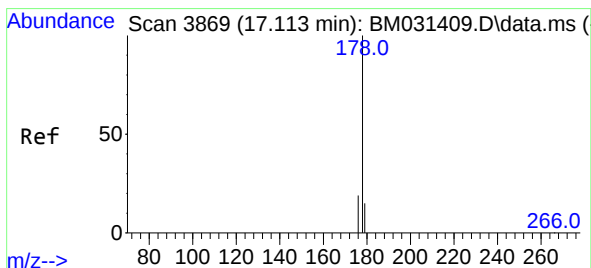
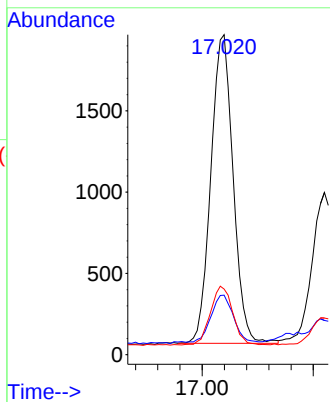
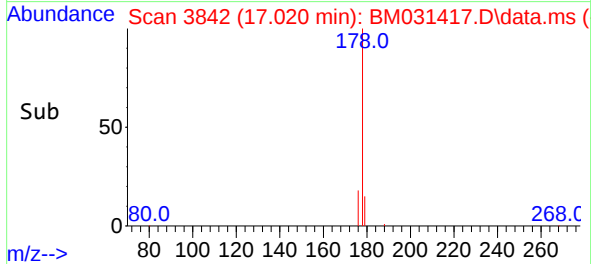
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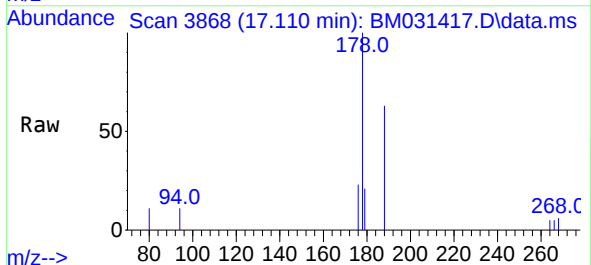
#15
Phenanthrene
Concen: 0.111 ng/u1
RT: 17.020 min Scan# 3842
Delta R.T. 0.000 min
Lab File: BM031417.D
Acq: 03 Aug 2021 18:30



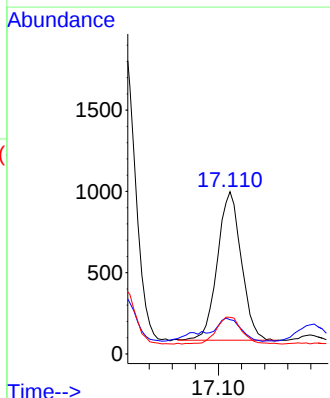
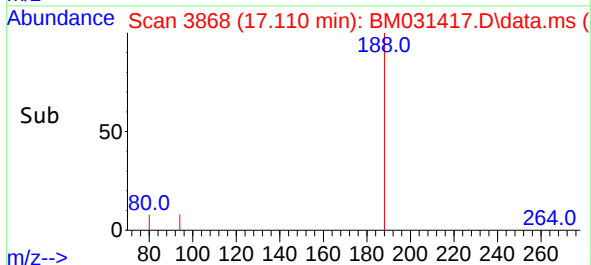
Tgt Ion:178 Resp: 2639
Ion Ratio Lower Upper
178 100
179 18.6 13.3 19.9
176 20.5 16.2 24.4



#16
Anthracene
Concen: 0.059 ng/u1
RT: 17.110 min Scan# 3868
Delta R.T. -0.003 min
Lab File: BM031417.D
Acq: 03 Aug 2021 18:30



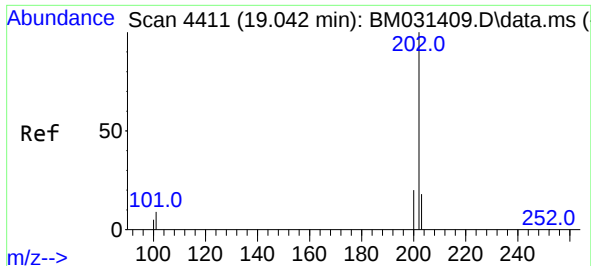
Tgt Ion:178 Resp: 1309
Ion Ratio Lower Upper
178 100
179 21.1 13.0 19.6#
176 22.6 15.6 23.4



Instrument :
BNA_M
ClientSampleID :
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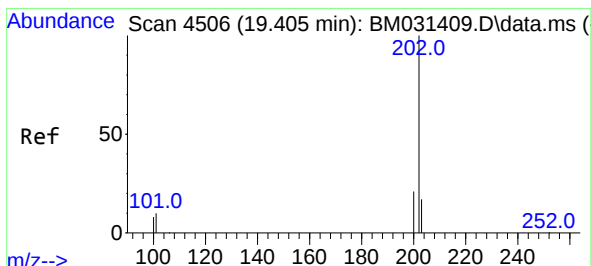
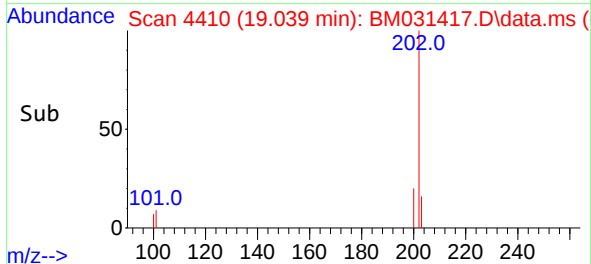
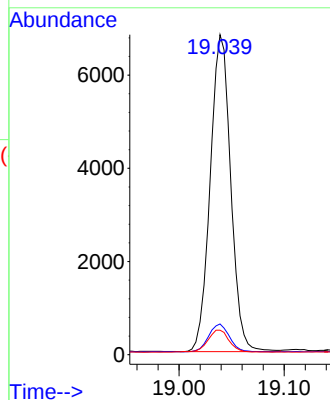
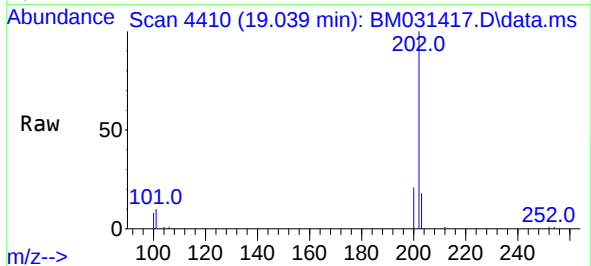
#19
Fluoranthene
Concen: 0.377 ng/u1
RT: 19.039 min Scan# 4410
Delta R.T. -0.003 min
Lab File: BM031417.D
Acq: 03 Aug 2021 18:30

Tgt Ion:202	Resp:	9249
Ion Ratio	Lower	Upper
202 100		
101 9.6	6.6	10.0
100 7.6	5.4	8.0

Instrument :
BNA_M
ClientSampleId :
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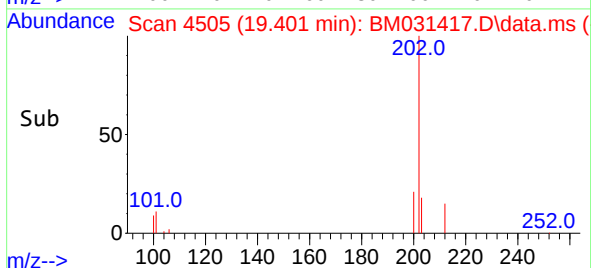
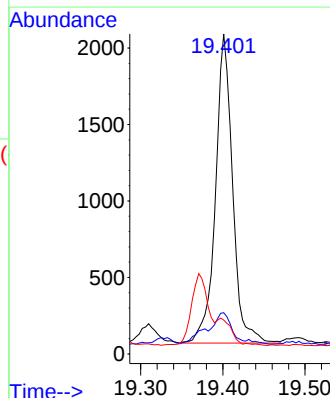
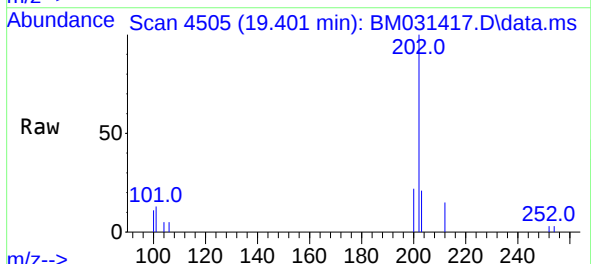
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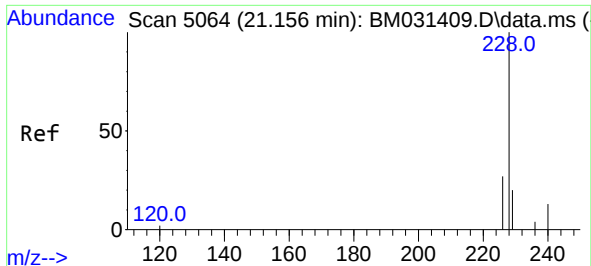
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#20
Pyrene
Concen: 0.118 ng/u1
RT: 19.401 min Scan# 4505
Delta R.T. -0.003 min
Lab File: BM031417.D
Acq: 03 Aug 2021 18:30

Tgt Ion:202	Resp:	2929
Ion Ratio	Lower	Upper
202 100		
101 12.9	7.8	11.6#
100 10.6	6.6	10.0#





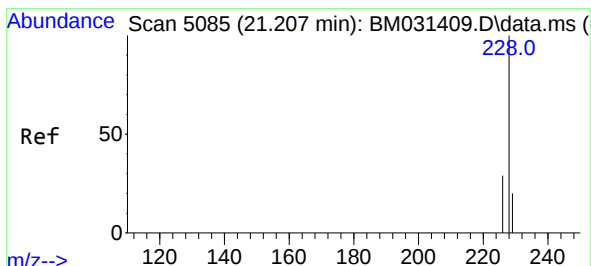
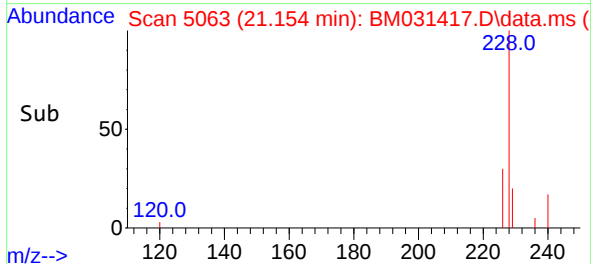
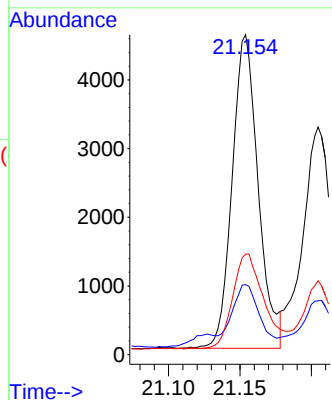
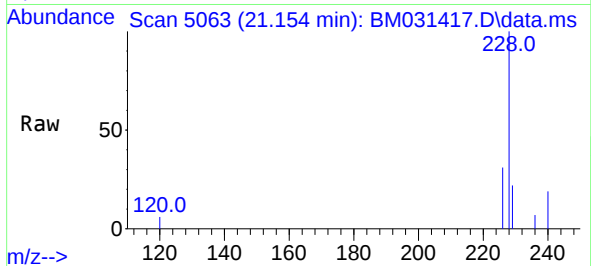
#21
Benzo(a)anthracene
Concen: 0.249 ng/ul
RT: 21.154 min Scan# 5063
Delta R.T. -0.002 min
Lab File: BM031417.D
Acq: 03 Aug 2021 18:30

Tgt Ion:	228	Resp:	5786
Ion Ratio	Lower	Upper	
228	100		
229	21.9	15.6	23.4
226	31.4	21.7	32.5

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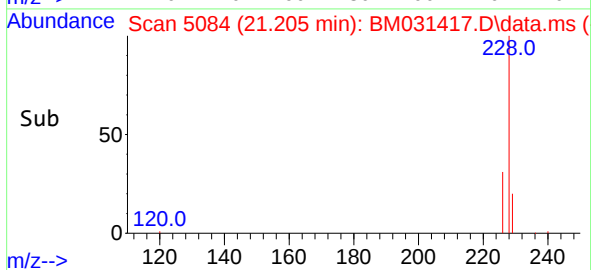
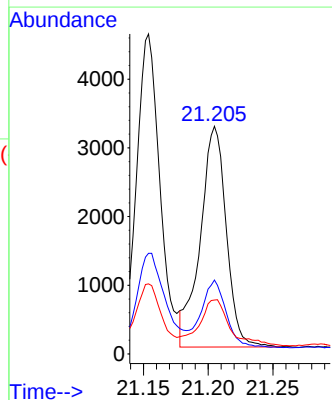
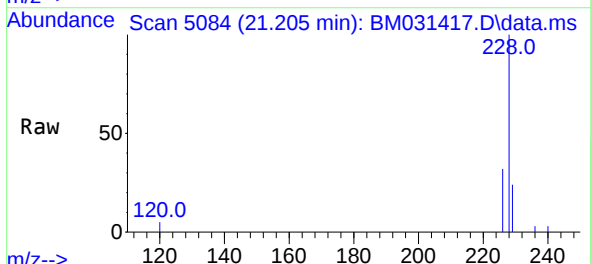
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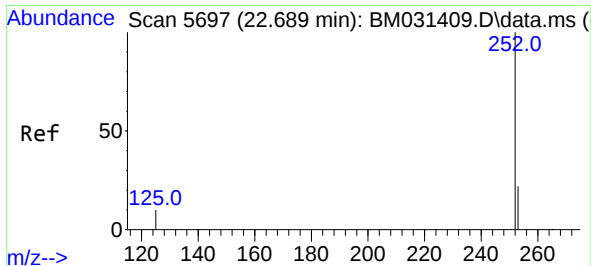
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#22
Chrysene
Concen: 0.188 ng/ul
RT: 21.205 min Scan# 5084
Delta R.T. -0.002 min
Lab File: BM031417.D
Acq: 03 Aug 2021 18:30

Tgt Ion:	228	Resp:	4509
Ion Ratio	Lower	Upper	
228	100		
226	32.4	24.7	37.1
229	23.7	16.2	24.2





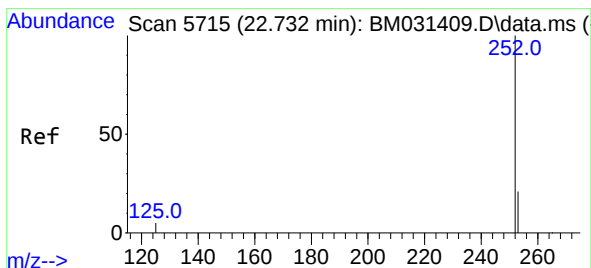
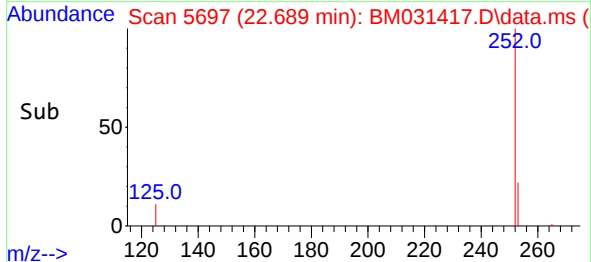
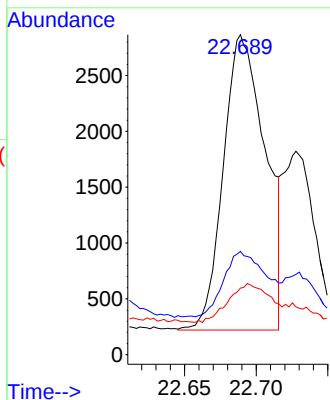
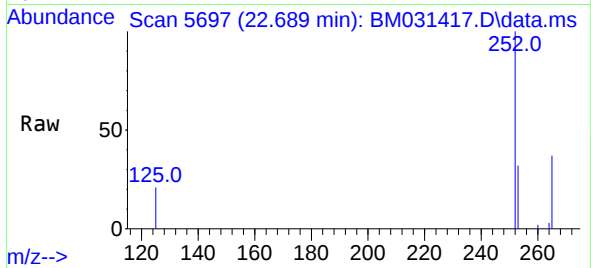
#24
Benzo(b)fluoranthene
Concen: 0.215 ng/ul m
RT: 22.689 min Scan# 5697
Delta R.T. 0.000 min
Lab File: BM031417.D
Acq: 03 Aug 2021 18:30

Tgt Ion:	252	Resp:	5391
Ion Ratio	Lower	Upper	
252	100		
253	32.3	0.0	53.0
125	20.8	0.0	22.8

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BGEN7DL

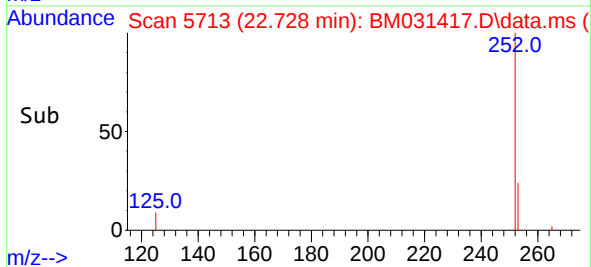
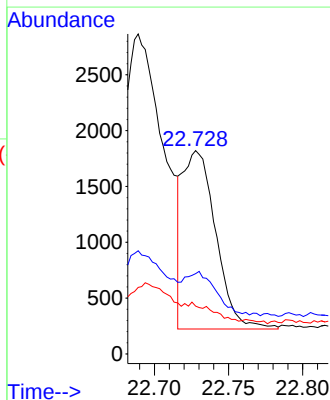
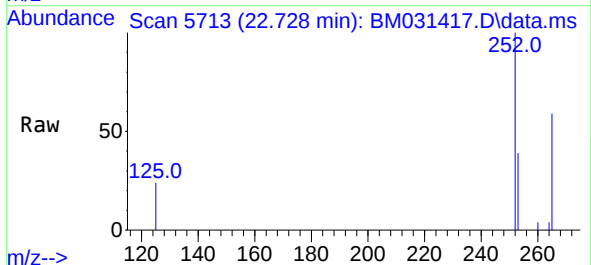
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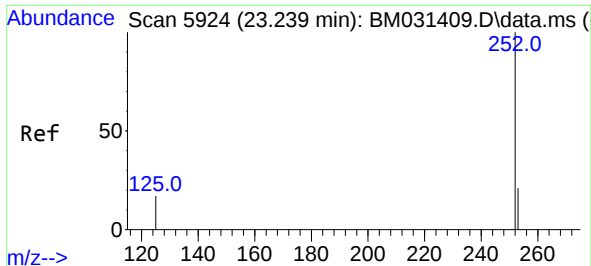
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#25
Benzo(k)fluoranthene
Concen: 0.096 ng/ul m
RT: 22.728 min Scan# 5713
Delta R.T. -0.004 min
Lab File: BM031417.D
Acq: 03 Aug 2021 18:30

Tgt Ion:	252	Resp:	2493
Ion Ratio	Lower	Upper	
252	100		
253	39.5	21.3	31.9#
125	23.5	8.8	13.2#





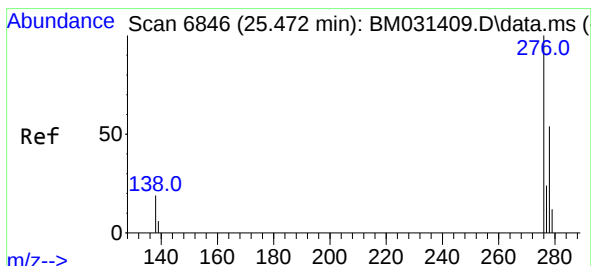
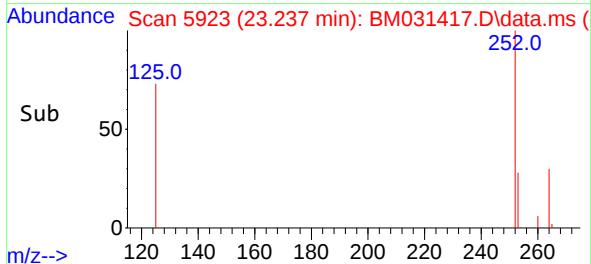
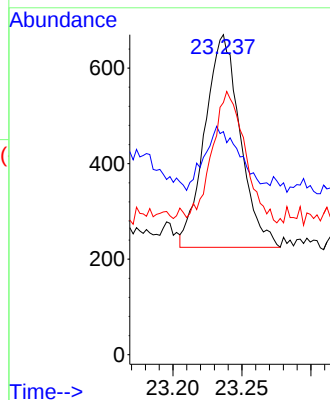
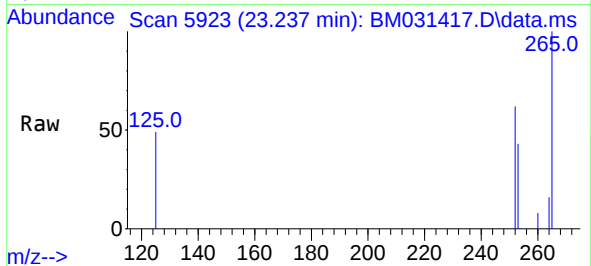
#26
Benzo(a)pyrene
Concen: 0.036 ng/ul
RT: 23.237 min Scan# 5923
Delta R.T. -0.002 min
Lab File: BM031417.D
Acq: 03 Aug 2021 18:30

Tgt Ion:	252	Resp:	792
Ion Ratio	Lower	Upper	
252	100		
253	69.7	22.4	33.6#
125	78.8	13.0	19.4#

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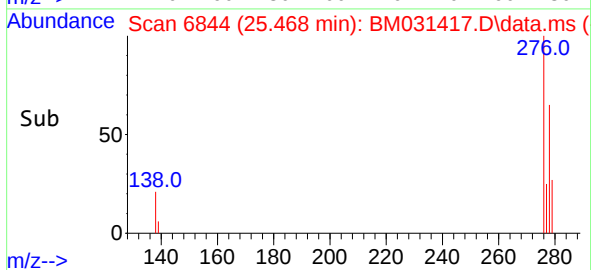
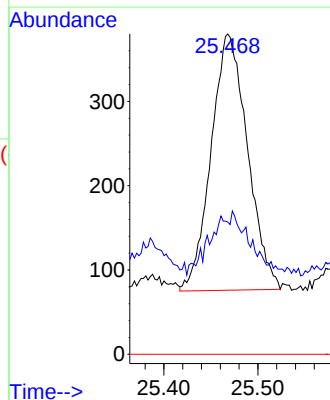
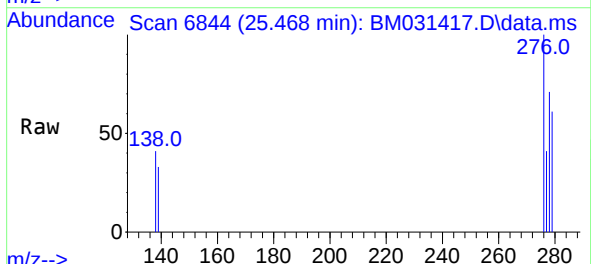
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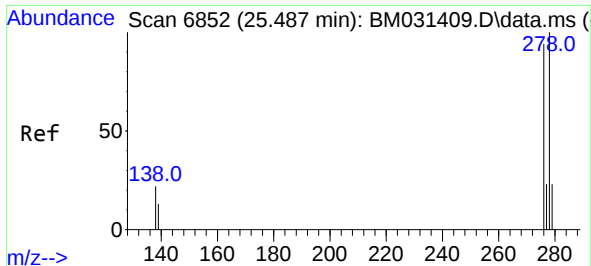
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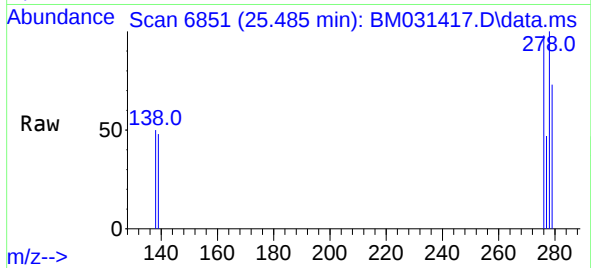
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng/ul
RT: 25.468 min Scan# 6844
Delta R.T. -0.004 min
Lab File: BM031417.D
Acq: 03 Aug 2021 18:30

Tgt Ion:	276	Resp:	818
Ion Ratio	Lower	Upper	
276	100		
138	22.2	15.8	23.8
227	0.0	0.0	0.0

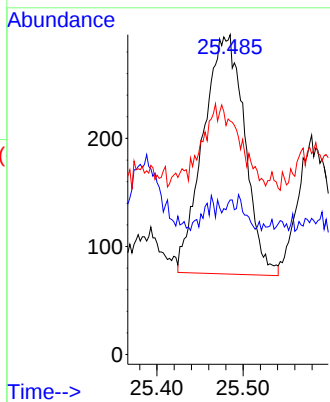
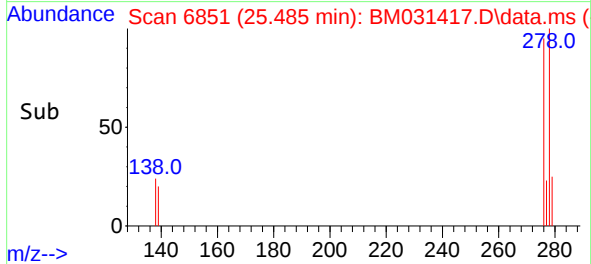




#28
 Dibenzo(a,h)anthracene
 Concen: 0.032 ng/ul
 RT: 25.485 min Scan# 6851
 Delta R.T. -0.002 min
 Lab File: BM031417.D
 Acq: 03 Aug 2021 18:30



Tgt Ion: 278 Resp: 739
 Ion Ratio Lower Upper
 278 100
 139 48.3 13.3 19.9#
 279 73.0 22.8 34.2#



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