

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
 Data File : BM030913.D
 Acq On : 09 Jul 2021 09:03
 Operator : CG/JU
 Sample : M2825-18DL 2X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDR6DL

Manual Integrations
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Quant Time: Jul 09 10:15:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 10:44:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	2727	0.400	ng/ul	0.00
4) Naphthalene-d8	10.550	136	10236	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.394	164	5030	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.134	188	7822	0.400	ng/ul	-0.02
17) Chrysene-d12	21.304	240	6150	0.400	ng/ul	-0.01
23) Perylene-d12	23.549	264	6434	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	1389	0.467	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.160	152	1121	0.070	ng/ul	0.00
18) Fluoranthene-d10	19.153	212	1581	0.090	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.599	128	822	0.028	ng/ul#	74
10) Acenaphthylene	14.114	152	553	0.025	ng/ul#	66
11) Acenaphthene	14.459	153	488	0.027	ng/ul	96
12) Fluorene	15.448	166	497	0.025	ng/ul#	92
15) Phenanthrene	17.176	178	5843	0.222	ng/ul	97
16) Anthracene	17.270	178	6055	0.263	ng/ul	96
19) Fluoranthene	19.188	202	15498	0.571	ng/ul	98
20) Pyrene	19.546	202	13028	0.477	ng/ul	99
21) Benzo(a)anthracene	21.292	228	7831	0.319	ng/ul	94
22) Chrysene	21.343	228	7100	0.259	ng/ul	97
24) Benzo(b)fluoranthene	22.873	252	8300m	0.291	ng/ul	
25) Benzo(k)fluoranthene	22.914	252	3583m	0.122	ng/ul	
26) Benzo(a)pyrene	23.447	252	5300	0.219	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.834	276	3426	0.109	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.836	278	948	0.037	ng/ul#	15

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

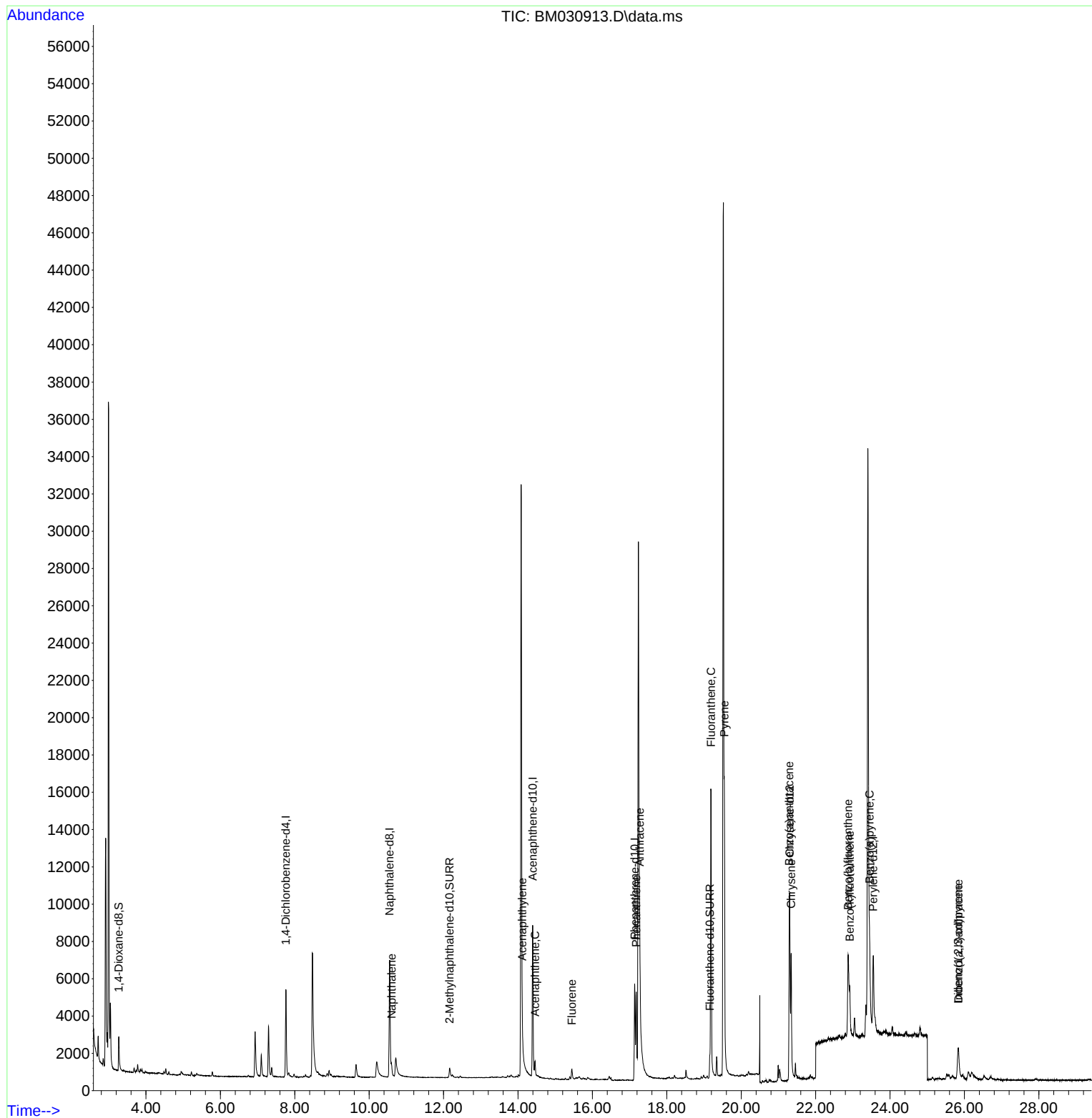
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Data File : BM030913.D
Acq On : 09 Jul 2021 09:03
Operator : CG/JU
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ALS Vial : 36 Sample Multiplier: 1

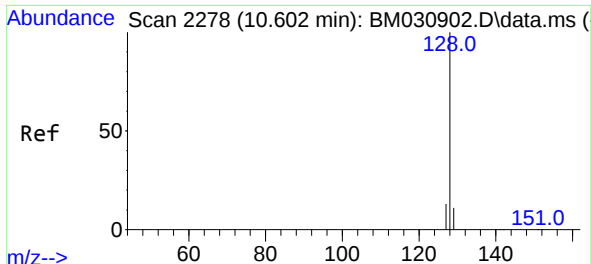
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
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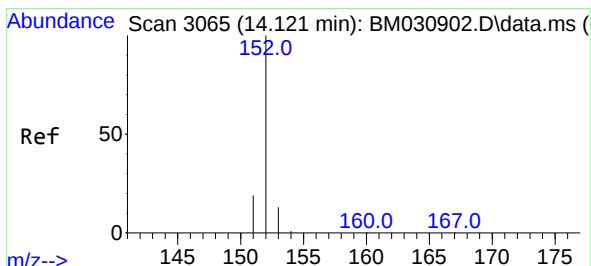
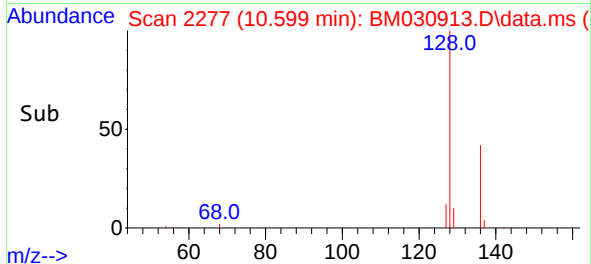
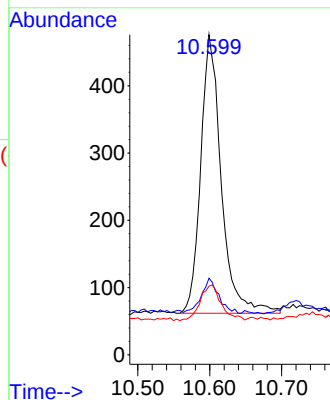
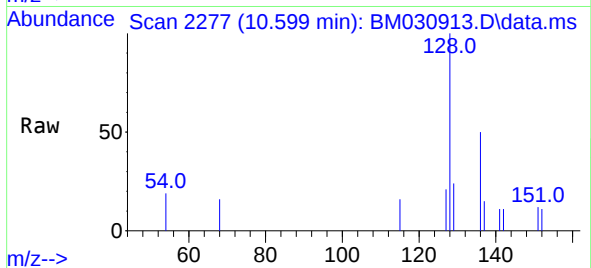
#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.599 min Scan# 2277
Delta R.T. -0.005 min
Lab File: BM030913.D
Acq: 09 Jul 2021 09:03

Tgt Ion:	128	Resp:	822
Ion Ratio	Lower	Upper	
128	100		
129	23.9	9.0	13.6#
127	21.4	10.9	16.3#

Instrument :
BNA_M
ClientSampleID :
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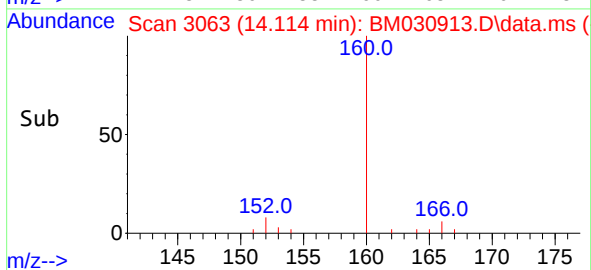
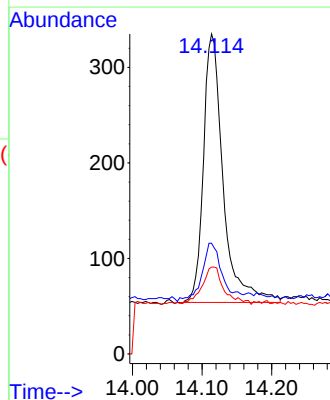
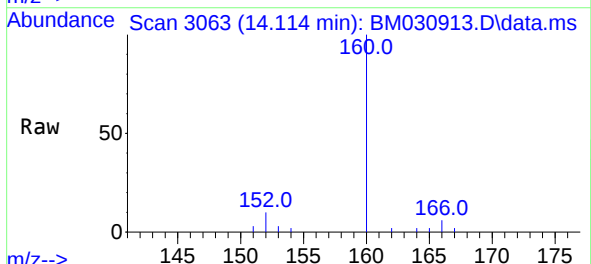
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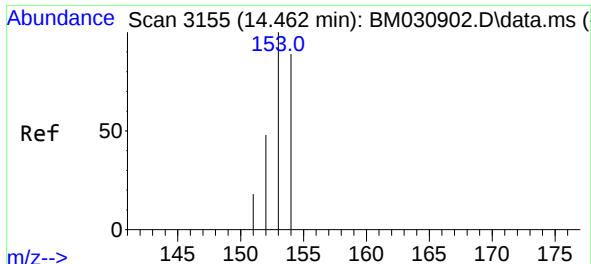
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#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.114 min Scan# 3063
Delta R.T. -0.011 min
Lab File: BM030913.D
Acq: 09 Jul 2021 09:03

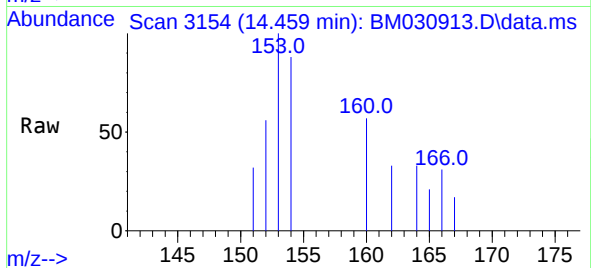
Tgt Ion:	152	Resp:	553
Ion Ratio	Lower	Upper	
152	100		
151	34.6	15.5	23.3#
153	27.2	10.7	16.1#





#11
Acenaphthene
Concen: 0.027 ng/ul
RT: 14.459 min Scan# 3154
Delta R.T. -0.008 min
Lab File: BM030913.D
Acq: 09 Jul 2021 09:03

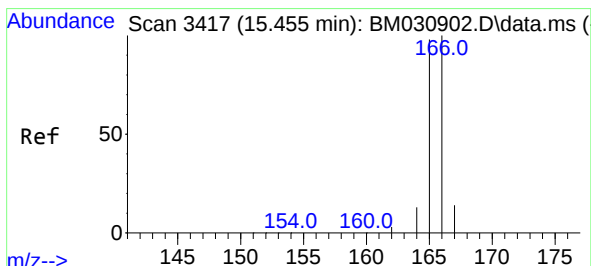
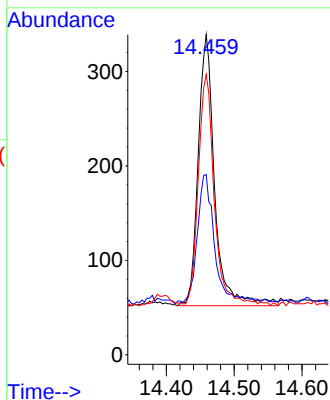
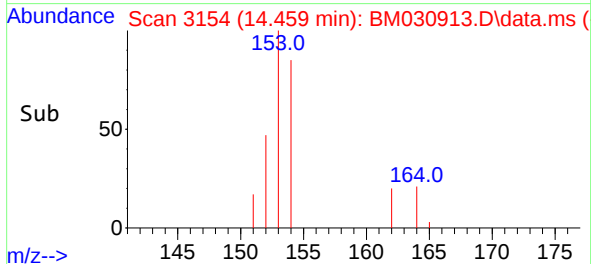
Instrument :
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ClientSampled :
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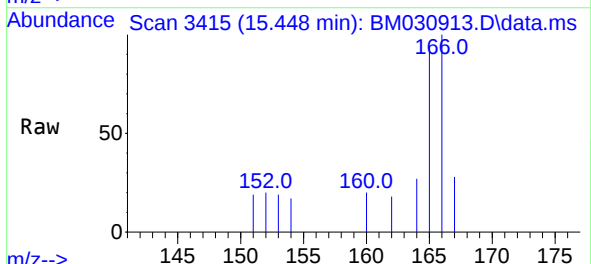
Tgt Ion:153 Resp: 488
Ion Ratio Lower Upper
153 100
152 56.3 40.2 60.2
154 87.6 71.2 106.8

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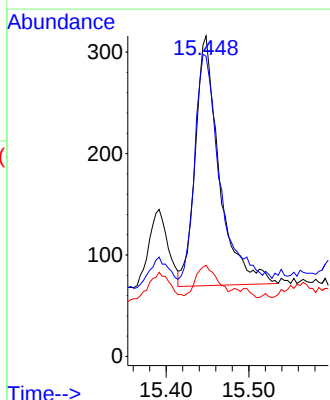
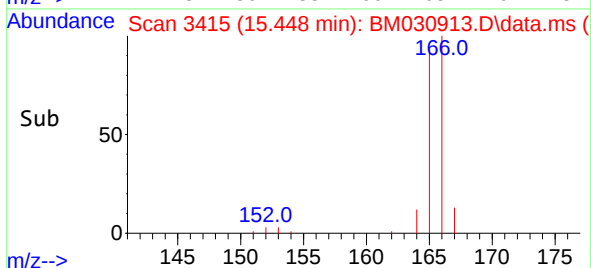
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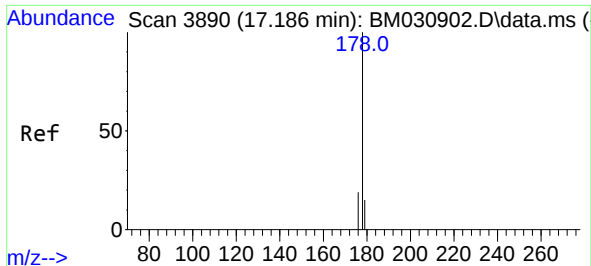


#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.448 min Scan# 3415
Delta R.T. -0.015 min
Lab File: BM030913.D
Acq: 09 Jul 2021 09:03



Tgt Ion:166 Resp: 497
Ion Ratio Lower Upper
166 100
165 93.7 77.7 116.5
167 28.5 11.3 16.9#





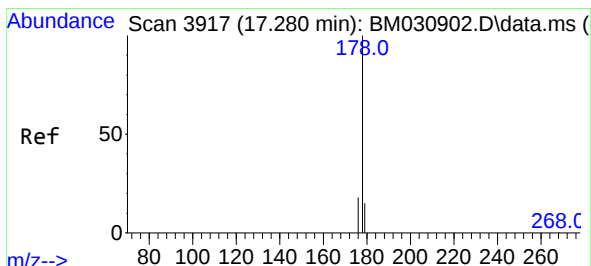
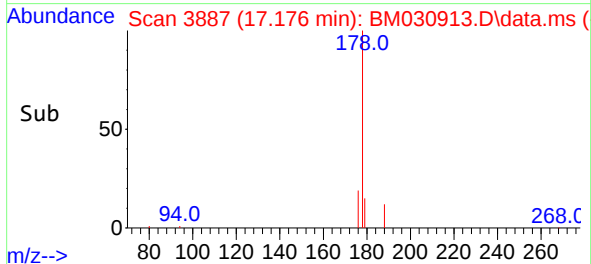
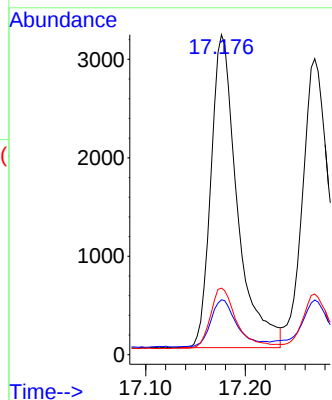
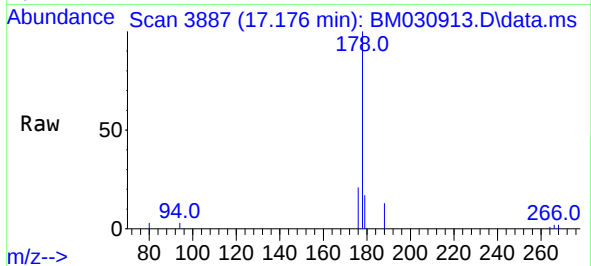
#15
Phenanthrene
Concen: 0.222 ng/ul
RT: 17.176 min Scan# 3887
Delta R.T. -0.017 min
Lab File: BM030913.D
Acq: 09 Jul 2021 09:03

Tgt Ion:	178	Resp:	5843
Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.6	19.0
176	20.8	15.5	23.3

Instrument :
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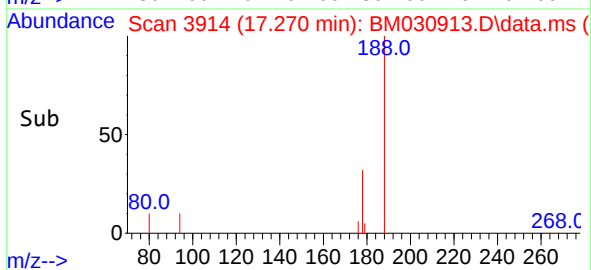
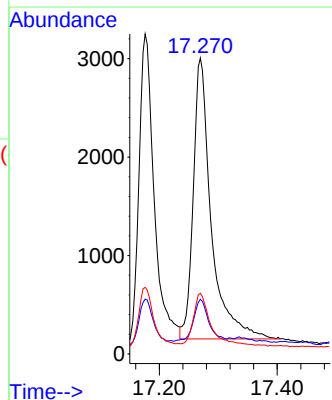
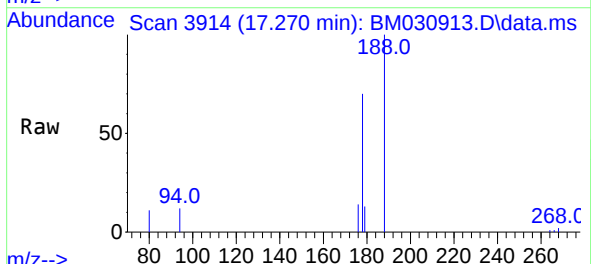
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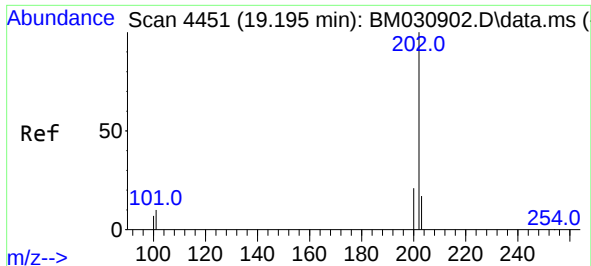
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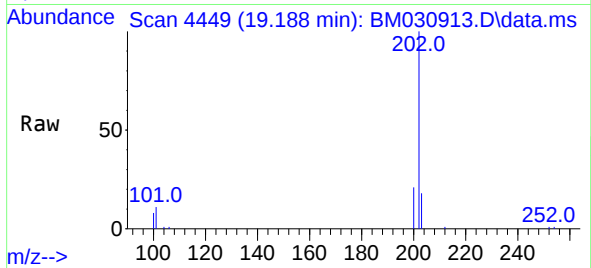
#16
Anthracene
Concen: 0.263 ng/ul
RT: 17.270 min Scan# 3914
Delta R.T. -0.021 min
Lab File: BM030913.D
Acq: 09 Jul 2021 09:03

Tgt Ion:	178	Resp:	6055
Ion	Ratio	Lower	Upper
178	100		
179	18.5	12.7	19.1
176	20.4	15.2	22.8

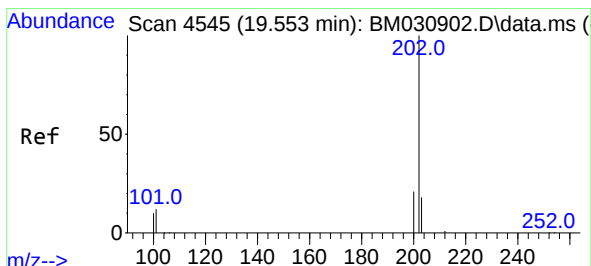
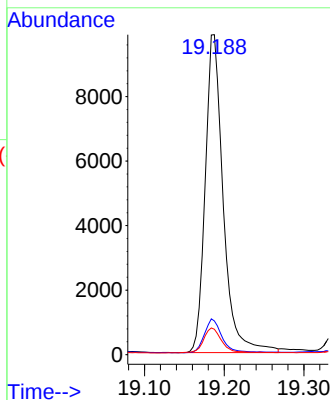
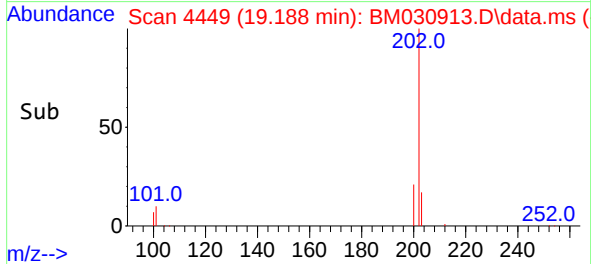




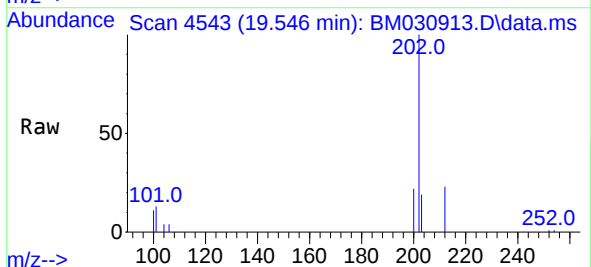
#19
Fluoranthene
Concen: 0.571 ng/u1
RT: 19.188 min Scan# 4449
Delta R.T. -0.011 min
Lab File: BM030913.D
Acq: 09 Jul 2021 09:03



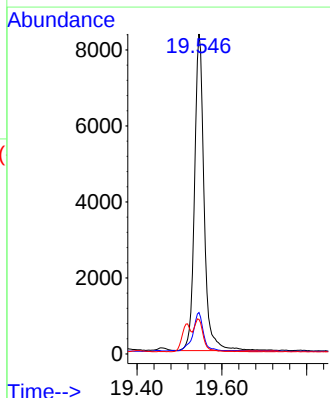
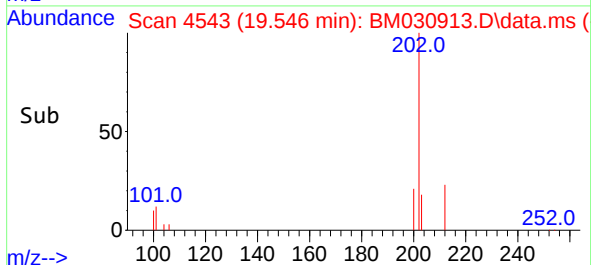
Tgt Ion:202 Resp: 15498
Ion Ratio Lower Upper
202 100
101 10.5 8.8 13.2
100 7.9 6.9 10.3



#20
Pyrene
Concen: 0.477 ng/u1
RT: 19.546 min Scan# 4543
Delta R.T. -0.011 min
Lab File: BM030913.D
Acq: 09 Jul 2021 09:03



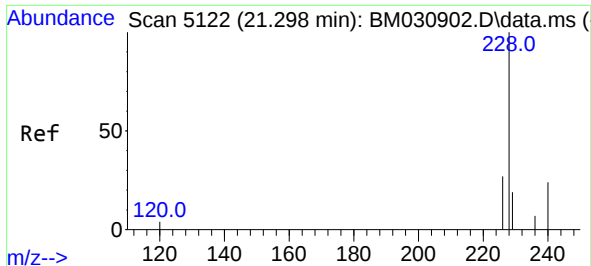
Tgt Ion:202 Resp: 13028
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 10.8 8.2 12.2



Instrument :
BNA_M
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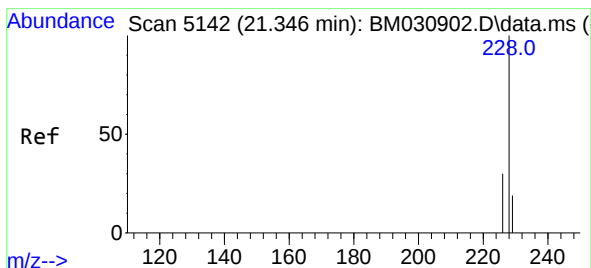
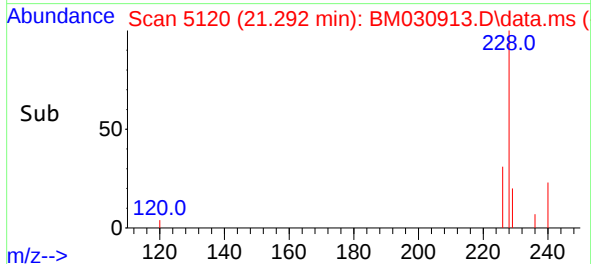
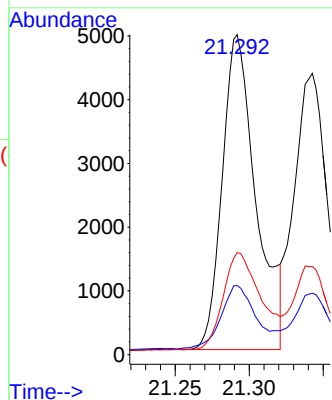
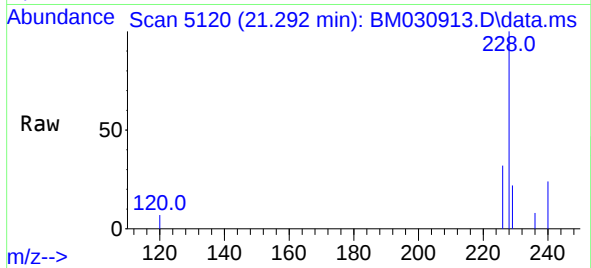
#21
Benzo(a)anthracene
Concen: 0.319 ng/ul
RT: 21.292 min Scan# 5120
Delta R.T. -0.012 min
Lab File: BM030913.D
Acq: 09 Jul 2021 09:03

Tgt Ion:	228	Resp:	7831
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.8	23.6
226	31.9	22.2	33.4

Instrument :
BNA_M
ClientSampled :
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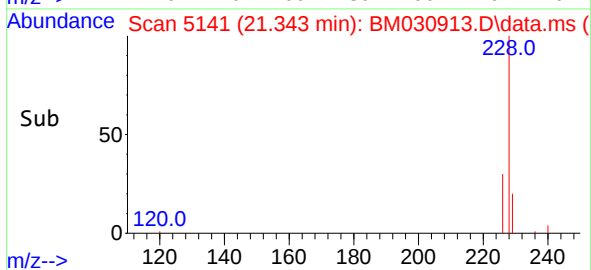
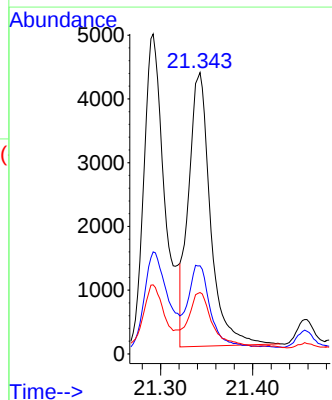
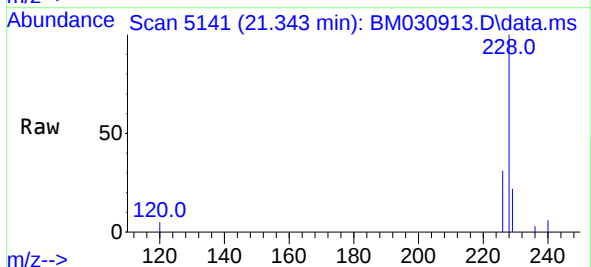
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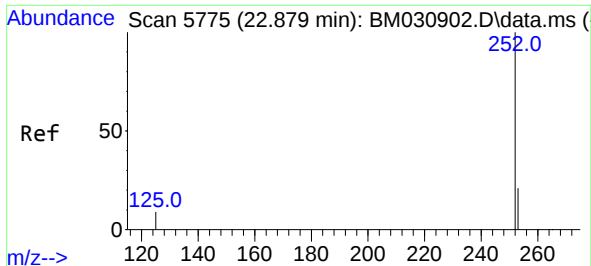
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#22
Chrysene
Concen: 0.259 ng/ul
RT: 21.343 min Scan# 5141
Delta R.T. -0.010 min
Lab File: BM030913.D
Acq: 09 Jul 2021 09:03

Tgt Ion:	228	Resp:	7100
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.4	36.6
229	21.8	15.4	23.0





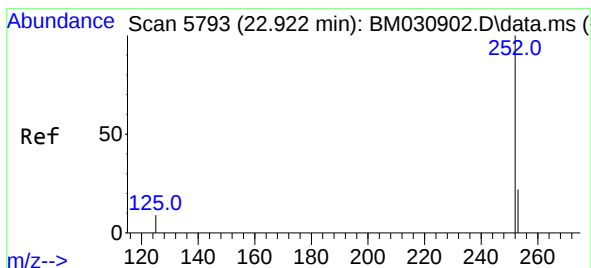
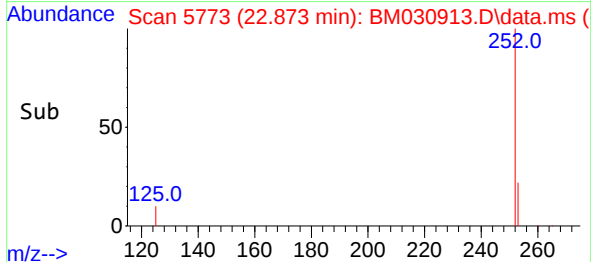
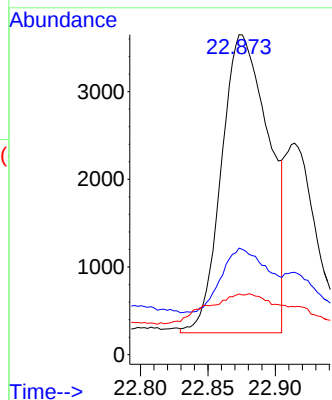
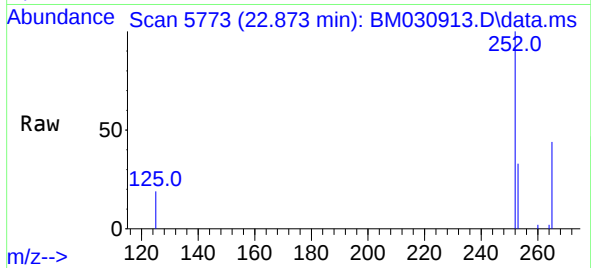
#24
Benzo(b)fluoranthene
Concen: 0.291 ng/ul m
RT: 22.873 min Scan# 5773
Delta R.T. -0.012 min
Lab File: BM030913.D
Acq: 09 Jul 2021 09:03

Tgt Ion:252	Resp:	8300
Ion Ratio	Lower	Upper
252	100	
253	33.3	0.0 50.2
125	19.0	0.0 27.8

Instrument :
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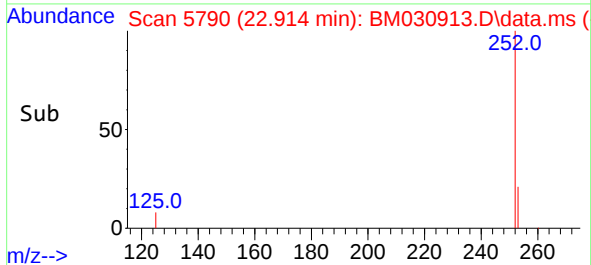
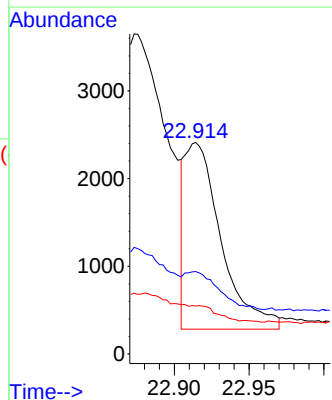
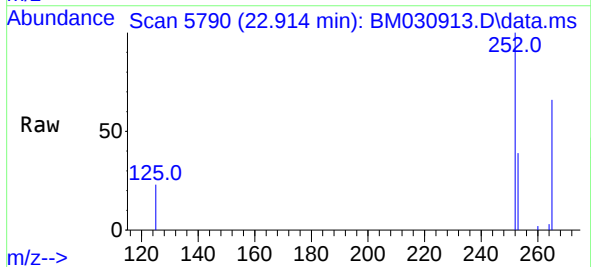
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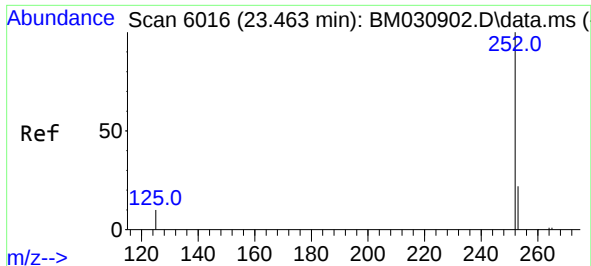
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#25
Benzo(k)fluoranthene
Concen: 0.122 ng/ul m
RT: 22.914 min Scan# 5790
Delta R.T. -0.017 min
Lab File: BM030913.D
Acq: 09 Jul 2021 09:03

Tgt Ion:252	Resp:	3583
Ion Ratio	Lower	Upper
252	100	
253	39.0	20.6 31.0#
125	22.7	11.0 16.4#





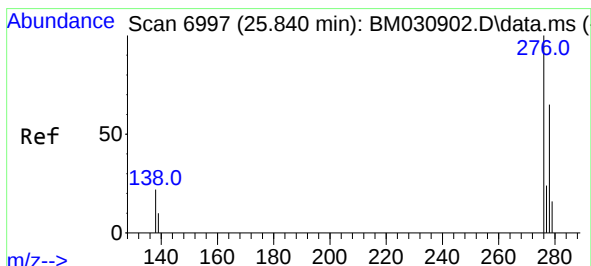
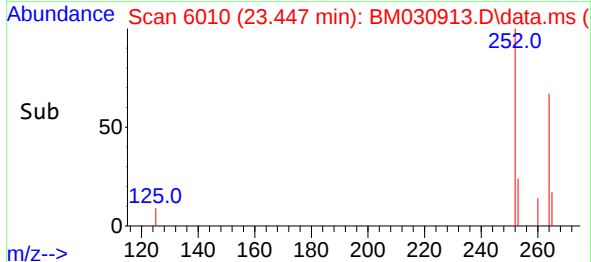
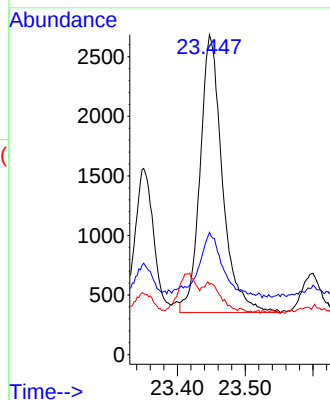
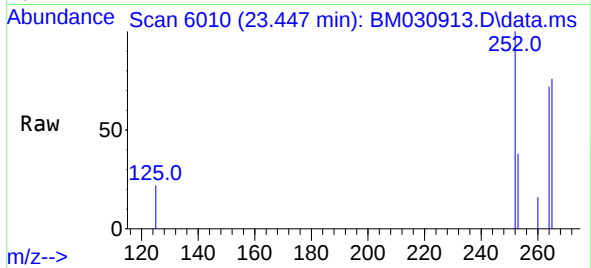
#26
Benzo(a)pyrene
Concen: 0.219 ng/ul
RT: 23.447 min Scan# 6010
Delta R.T. -0.022 min
Lab File: BM030913.D
Acq: 09 Jul 2021 09:03

Tgt Ion:	252	Resp:	5300
Ion Ratio	Lower	Upper	
252	100		
253	38.2	22.0	33.0#
125	21.9	13.4	20.2#

Instrument :
BNA_M
ClientSampled :
BGDR6DL

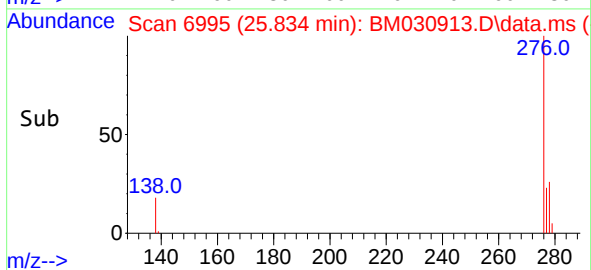
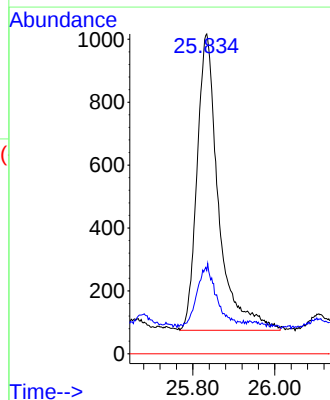
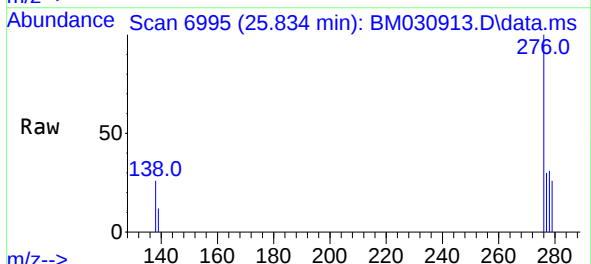
Manual Integrations
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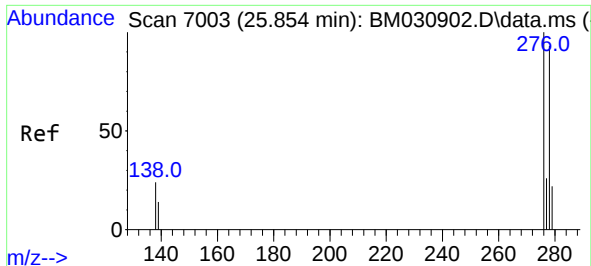
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng/ul
RT: 25.834 min Scan# 6995
Delta R.T. -0.019 min
Lab File: BM030913.D
Acq: 09 Jul 2021 09:03

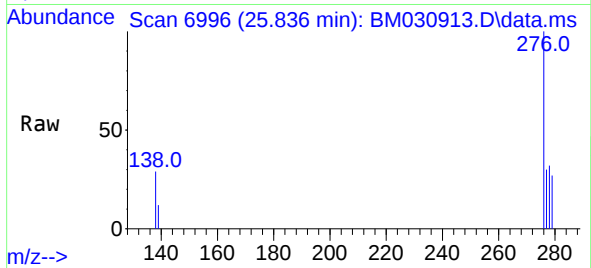
Tgt Ion:	276	Resp:	3426
Ion Ratio	Lower	Upper	
276	100		
138	18.3	19.1	28.7#
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.037 ng/ul
 RT: 25.836 min Scan# 6996
 Delta R.T. -0.032 min
 Lab File: BM030913.D
 Acq: 09 Jul 2021 09:03

Instrument :
 BNA_M
 ClientSampleId :
 BGDR6DL



Tgt Ion:278 Resp: 948
 Ion Ratio Lower Upper
 278 100
 139 37.2 14.2 21.4#
 279 85.3 21.6 32.4#

Manual Integrations
 APPROVED

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