

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031158.D
 Acq On : 26 Jul 2021 12:04
 Operator : CG/JU
 Sample : M3010-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGED9

Manual Integrations
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Quant Time: Jul 26 12:35:32 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 10:45:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1165	0.400	ng/ul	0.00
4) Naphthalene-d8	10.397	136	4471	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.261	164	3016	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	6466	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.193	240	7123	0.400	ng/ul	0.00
23) Perylene-d12	23.365	264	6598	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	2776	2.268	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	1071	0.136	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	2953	0.136	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.446	128	3904	0.293	ng/ul	100
7) 2-Methylnaphthalene	12.065	142	396	0.041	ng/ul	99
8) 1-Methylnaphthalene	12.286	142	210	0.022	ng/ul	96
10) Acenaphthylene	13.981	152	1452	0.118	ng/ul	96
11) Acenaphthene	14.322	153	1154	0.106	ng/ul	97
12) Fluorene	15.312	166	872	0.068	ng/ul#	90
15) Phenanthrene	17.047	178	23264	1.133	ng/ul	99
16) Anthracene	17.138	178	11897	0.618	ng/ul	99
19) Fluoranthene	19.066	202	108716	3.791	ng/ul	98
20) Pyrene	19.428	202	92510	3.160	ng/ul	99
21) Benzo(a)anthracene	21.178	228	64287	2.260	ng/ul	94
22) Chrysene	21.226	228	55303	1.796	ng/ul	98
24) Benzo(b)fluoranthene	22.720	252	71863m	2.317	ng/ul	
25) Benzo(k)fluoranthene	22.757	252	28316m	0.900	ng/ul	
26) Benzo(a)pyrene	23.270	252	56456	2.105	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.516	276	29338	0.835	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.521	278	7684	0.273	ng/ul#	93
29) Benzo(g,h,i)perylene	26.170	276	20173	0.676	ng/ul	97

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

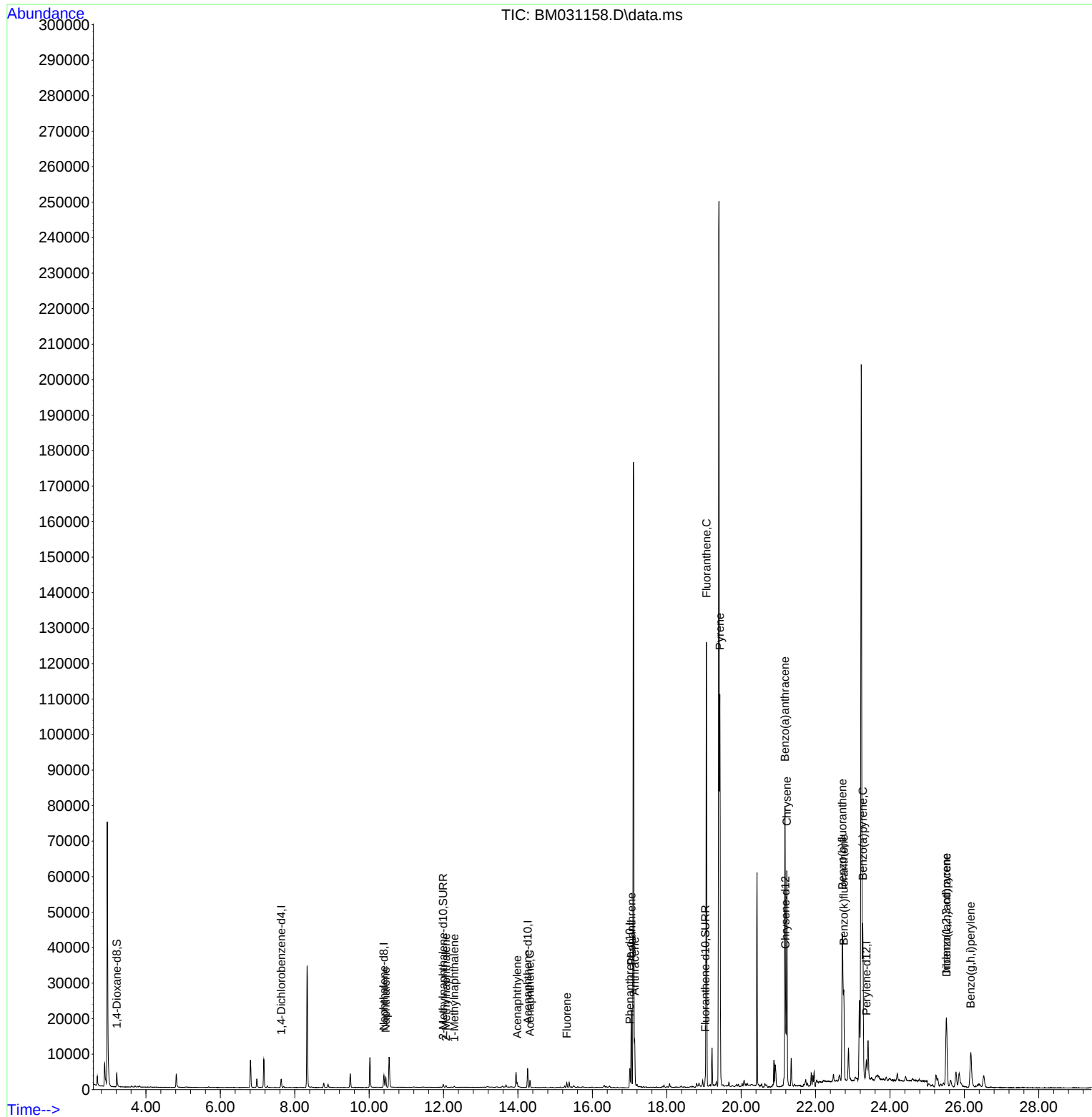
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
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Acq On : 26 Jul 2021 12:04
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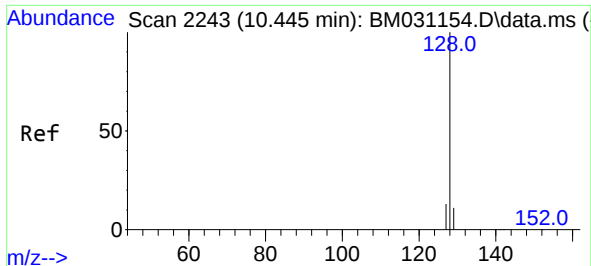
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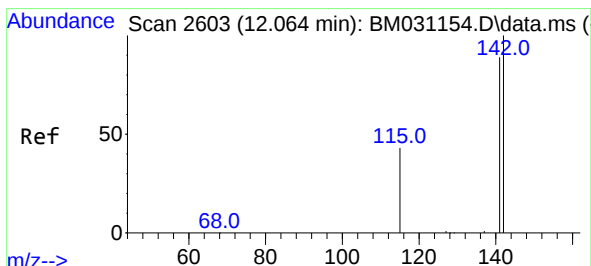
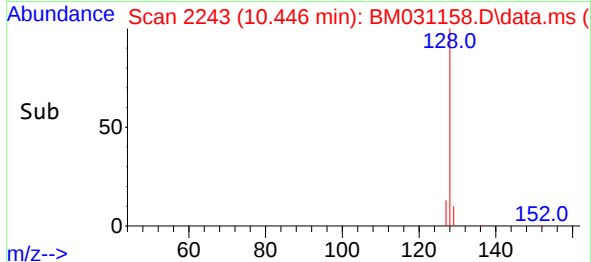
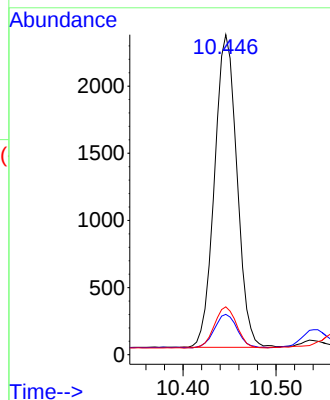
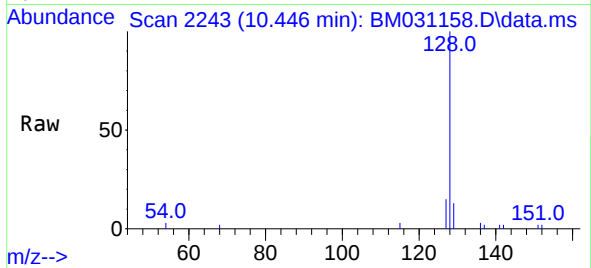
#5
Naphthalene
Concen: 0.293 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. 0.001 min
Lab File: BM031158.D
Acq: 26 Jul 2021 12:04

Tgt Ion:	128	Resp:	3904
Ion	Ratio	Lower	Upper
128	100		
129	12.6	10.2	15.4
127	15.0	11.8	17.8

Instrument :
BNA_M
ClientSampled :
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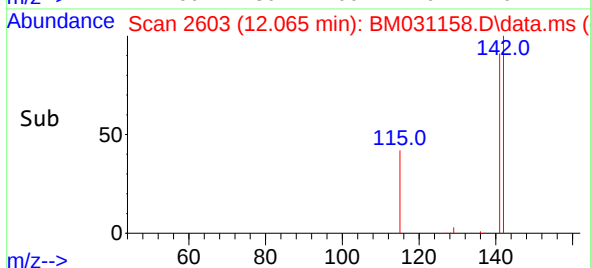
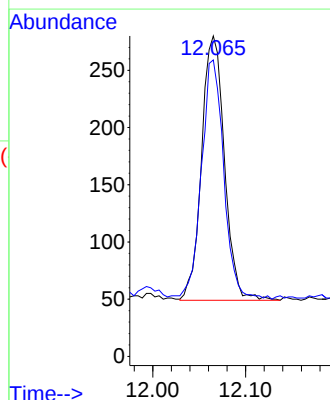
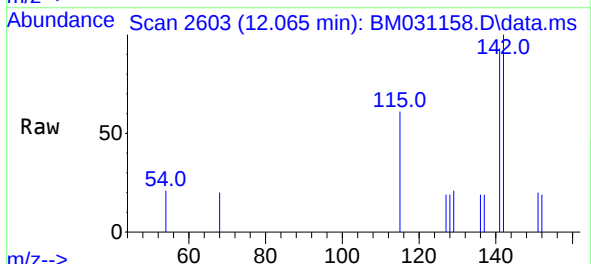
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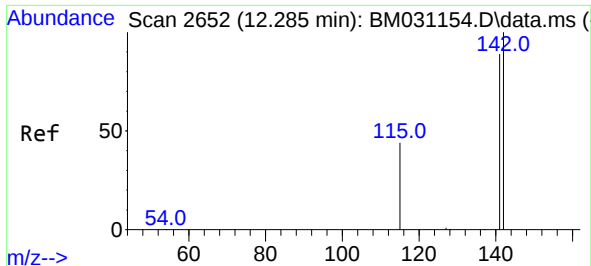
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#7
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.065 min Scan# 2603
Delta R.T. 0.001 min
Lab File: BM031158.D
Acq: 26 Jul 2021 12:04

Tgt Ion:	142	Resp:	396
Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.5	107.3





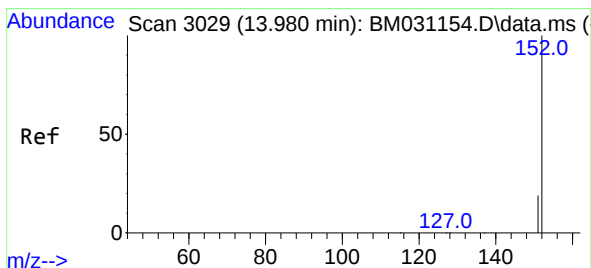
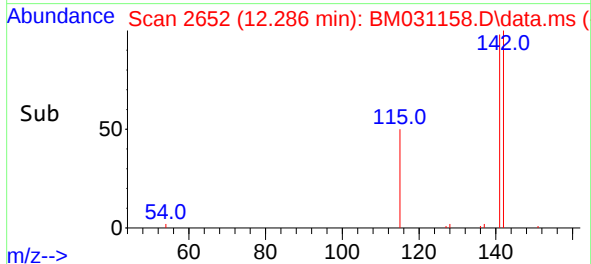
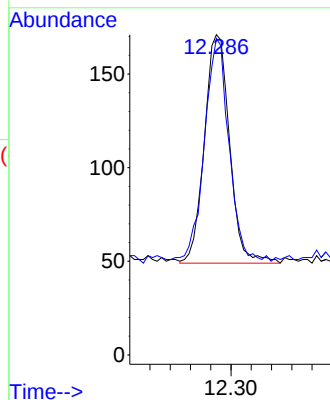
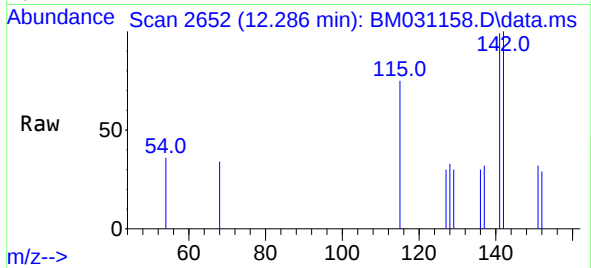
#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.286 min Scan# 2652
Delta R.T. 0.001 min
Lab File: BM031158.D
Acq: 26 Jul 2021 12:04

Tgt Ion:142 Resp: 210
Ion Ratio Lower Upper
142 100
141 96.7 74.2 111.4

Instrument :
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ClientSampled :
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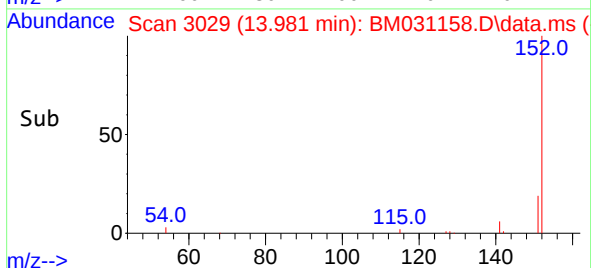
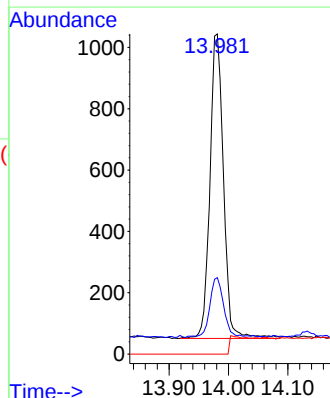
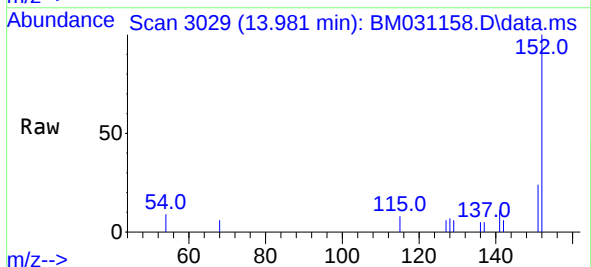
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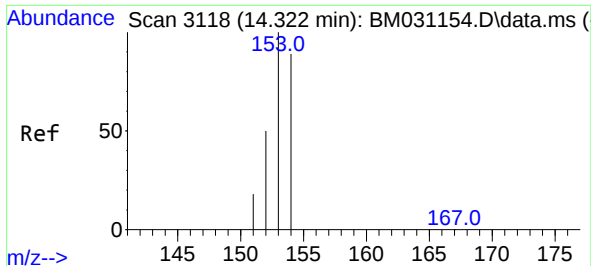
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#10
Acenaphthylene
Concen: 0.118 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. 0.001 min
Lab File: BM031158.D
Acq: 26 Jul 2021 12:04

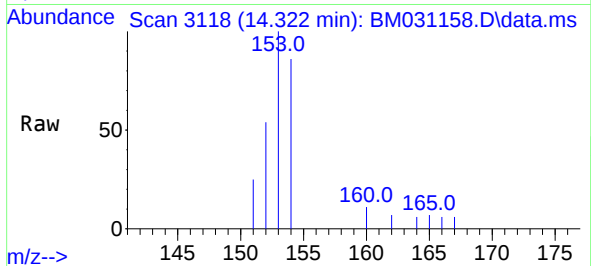
Tgt Ion:152 Resp: 1452
Ion Ratio Lower Upper
152 100
151 23.9 17.5 26.3
153 0.0 0.0 0.0



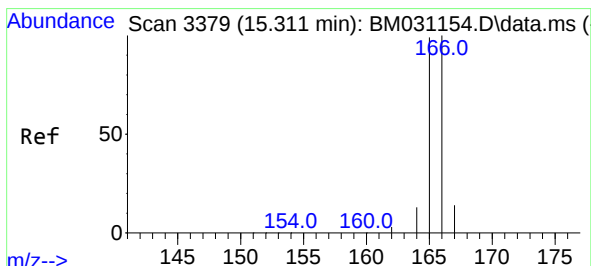
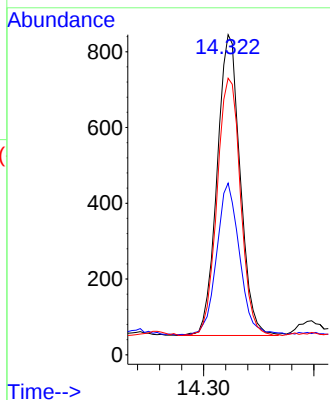
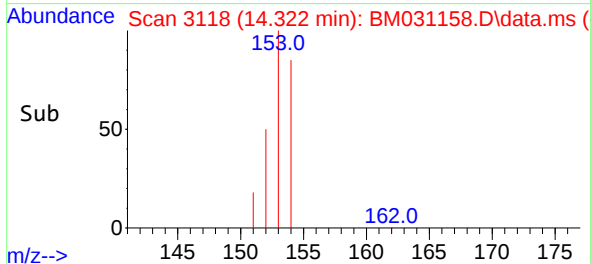


#11
Acenaphthene
Concen: 0.106 ng/uI
RT: 14.322 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM031158.D
Acq: 26 Jul 2021 12:04

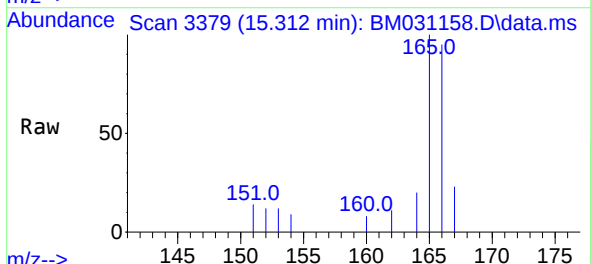
Instrument :
BNA_M
ClientSampled :
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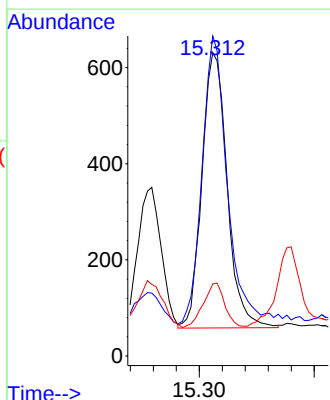
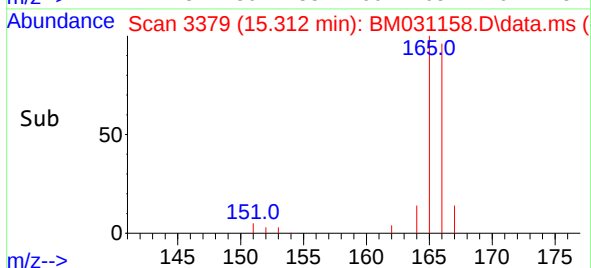
Tgt Ion:153 Resp: 1154
Ion Ratio Lower Upper
153 100
152 53.6 39.4 59.2
154 86.4 68.2 102.4

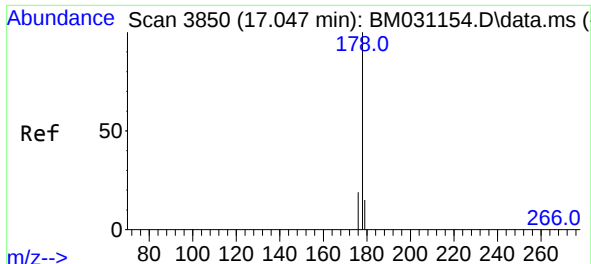


#12
Fluorene
Concen: 0.068 ng/uI
RT: 15.312 min Scan# 3379
Delta R.T. 0.000 min
Lab File: BM031158.D
Acq: 26 Jul 2021 12:04



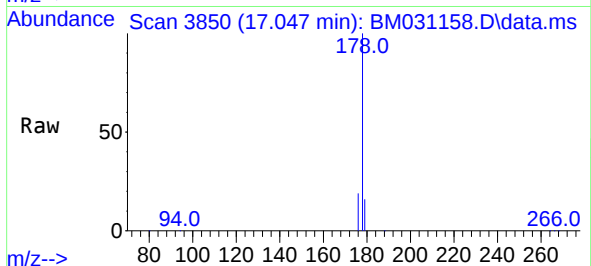
Tgt Ion:166 Resp: 872
Ion Ratio Lower Upper
166 100
165 105.5 78.2 117.2
167 23.8 12.3 18.5#





#15
Phenanthrene
Concen: 1.133 ng/ul
RT: 17.047 min Scan# 3850
Delta R.T. 0.000 min
Lab File: BM031158.D
Acq: 26 Jul 2021 12:04

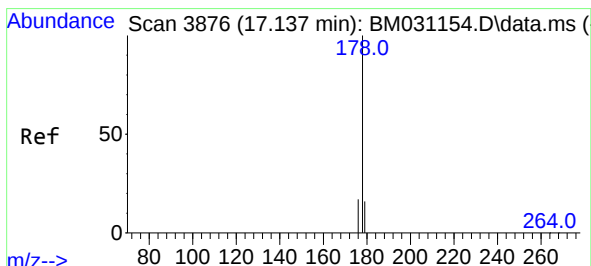
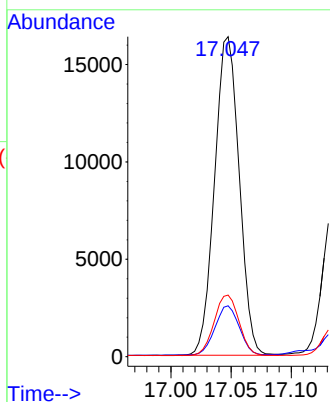
Instrument :
BNA_M
ClientSampled :
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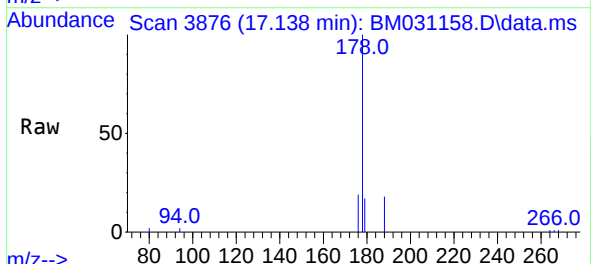
Tgt Ion:	178	Resp:	23264
Ion Ratio	Lower	Upper	
178	100		
179	15.9	13.3	19.9
176	19.3	15.4	23.2

Manual Integrations
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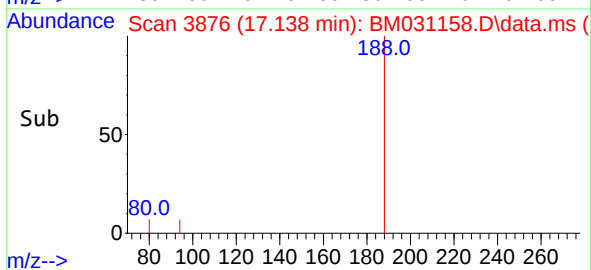
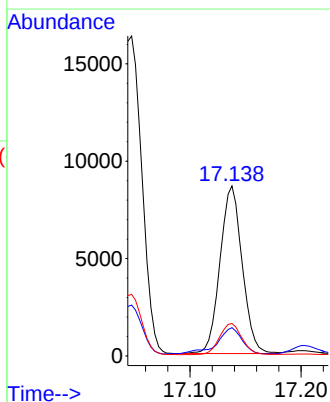
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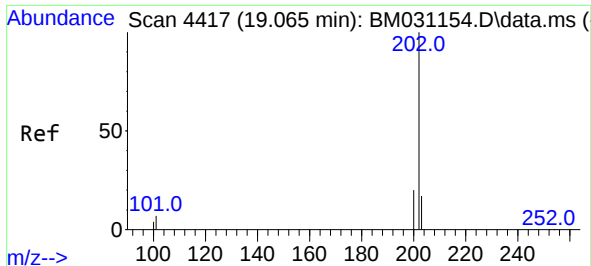


#16
Anthracene
Concen: 0.618 ng/ul
RT: 17.138 min Scan# 3876
Delta R.T. 0.000 min
Lab File: BM031158.D
Acq: 26 Jul 2021 12:04



Tgt Ion:	178	Resp:	11897
Ion Ratio	Lower	Upper	
178	100		
179	16.7	13.8	20.8
176	19.1	15.7	23.5





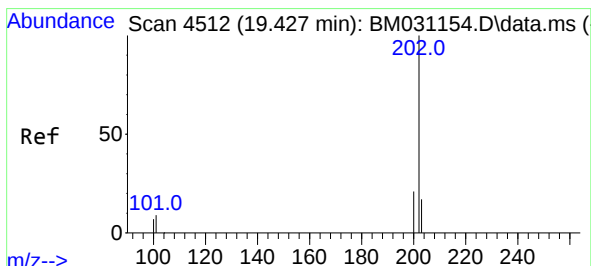
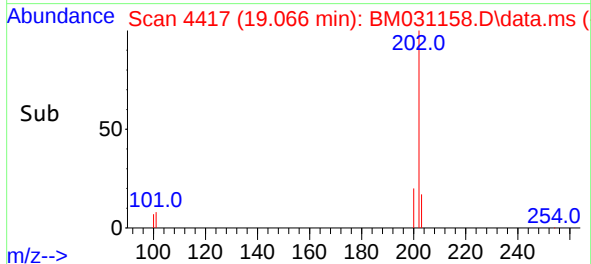
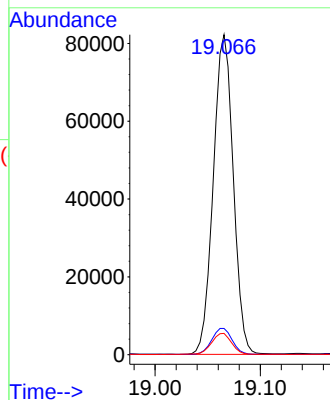
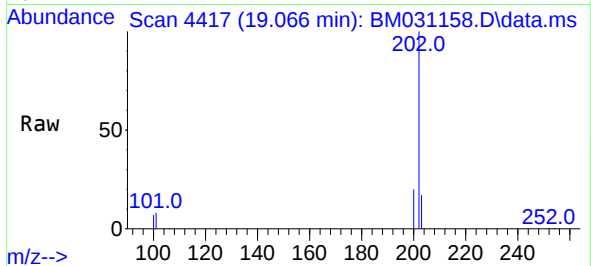
#19
Fluoranthene
Concen: 3.791 ng/ul
RT: 19.066 min Scan# 4417
Delta R.T. 0.000 min
Lab File: BM031158.D
Acq: 26 Jul 2021 12:04

Tgt Ion:202 Resp: 108716
Ion Ratio Lower Upper
202 100
101 8.2 6.0 9.0
100 6.6 4.8 7.2

Instrument :
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ClientSampleId :
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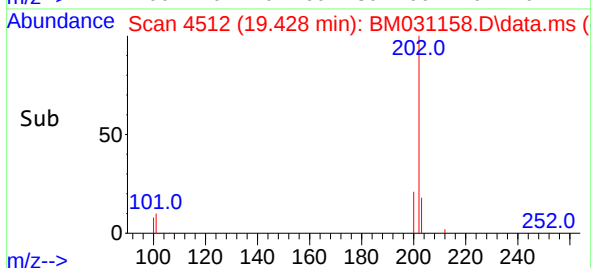
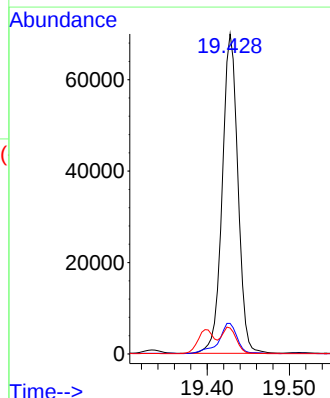
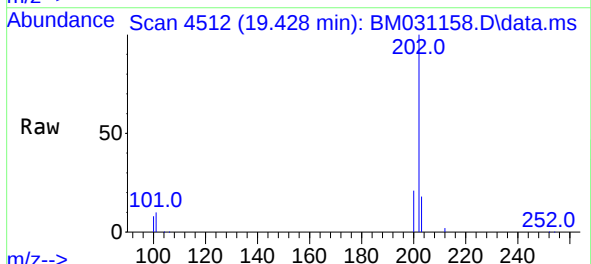
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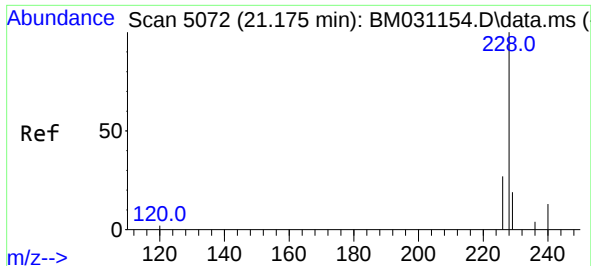
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#20
Pyrene
Concen: 3.160 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. 0.000 min
Lab File: BM031158.D
Acq: 26 Jul 2021 12:04

Tgt Ion:202 Resp: 92510
Ion Ratio Lower Upper
202 100
101 9.5 7.4 11.0
100 8.1 6.0 9.0





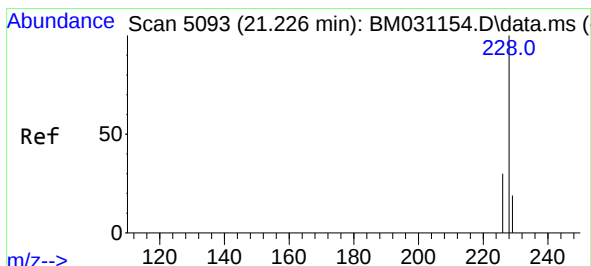
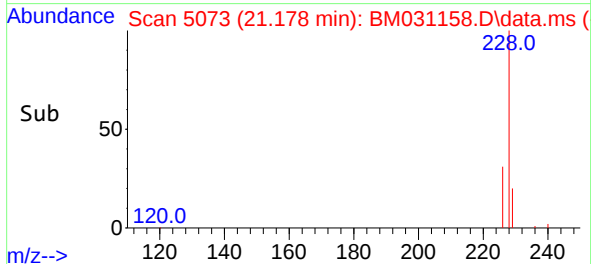
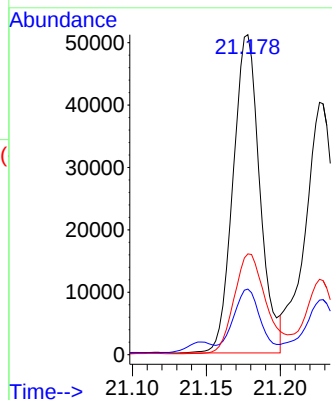
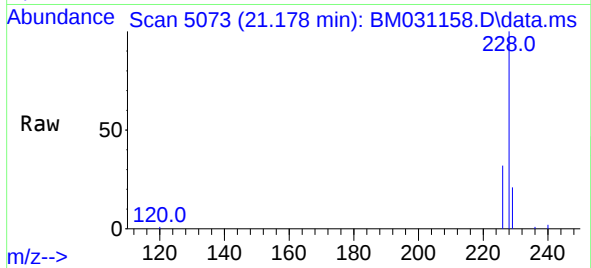
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Benzo(a)anthracene
Concen: 2.260 ng/u1
RT: 21.178 min Scan# 5073
Delta R.T. 0.003 min
Lab File: BM031158.D
Acq: 26 Jul 2021 12:04

Tgt Ion:228 Resp: 64287
Ion Ratio Lower Upper
228 100
229 20.5 16.0 24.0
226 31.5 21.4 32.2

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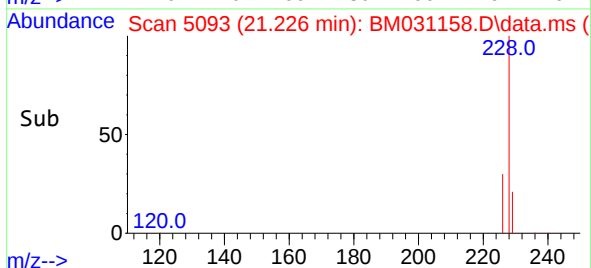
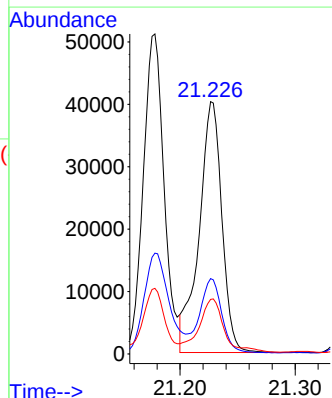
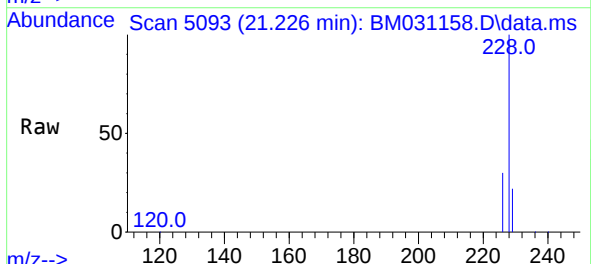
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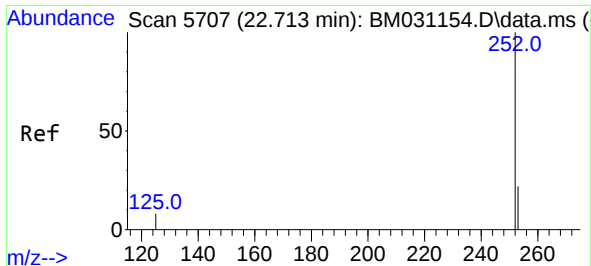
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#22
Chrysene
Concen: 1.796 ng/u1
RT: 21.226 min Scan# 5093
Delta R.T. 0.000 min
Lab File: BM031158.D
Acq: 26 Jul 2021 12:04

Tgt Ion:228 Resp: 55303
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 21.6 15.8 23.8





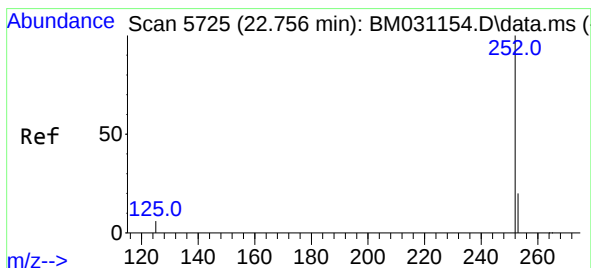
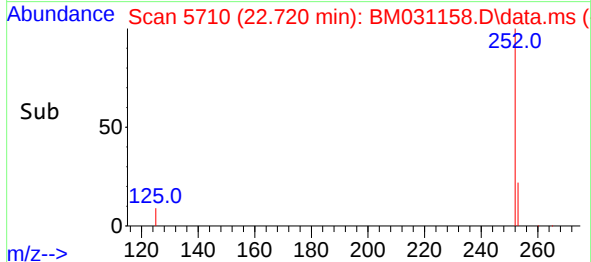
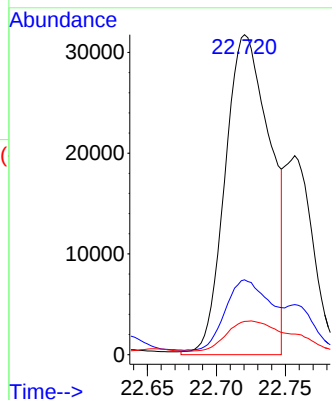
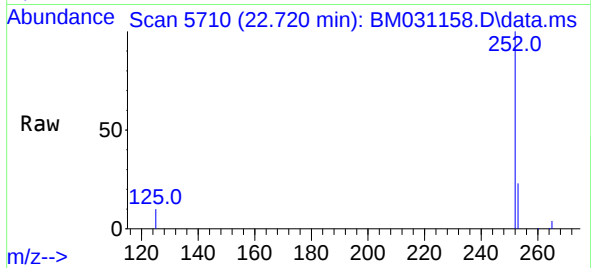
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Benzo(b)fluoranthene
Concen: 2.317 ng/ul m
RT: 22.720 min Scan# 5710
Delta R.T. 0.008 min
Lab File: BM031158.D
Acq: 26 Jul 2021 12:04

Tgt Ion:252 Resp: 71863
Ion Ratio Lower Upper
252 100
253 23.4 0.0 52.8
125 10.4 0.0 20.2

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ClientSampled :
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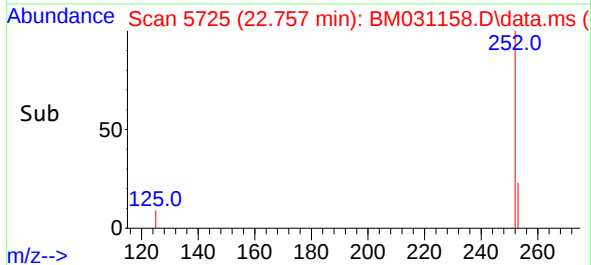
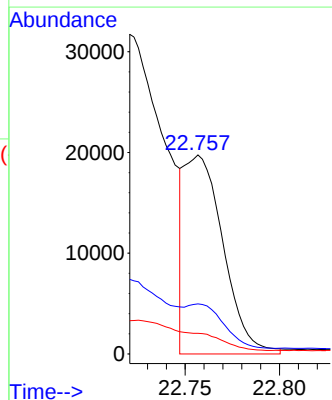
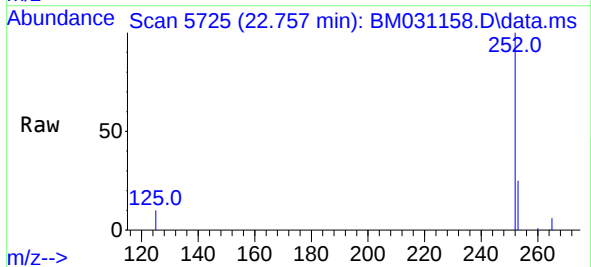
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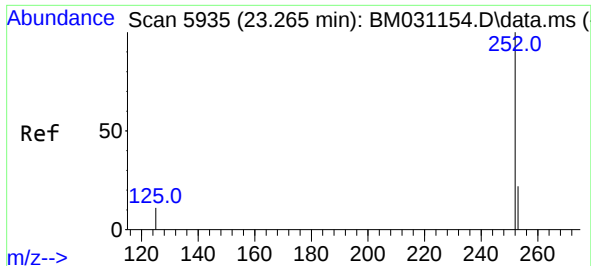
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#25
Benzo(k)fluoranthene
Concen: 0.900 ng/ul m
RT: 22.757 min Scan# 5725
Delta R.T. 0.000 min
Lab File: BM031158.D
Acq: 26 Jul 2021 12:04

Tgt Ion:252 Resp: 28316
Ion Ratio Lower Upper
252 100
253 25.2 21.6 32.4
125 10.4 8.6 13.0





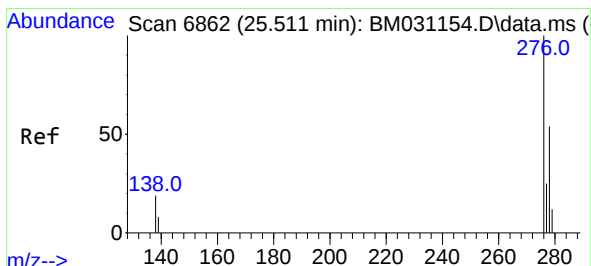
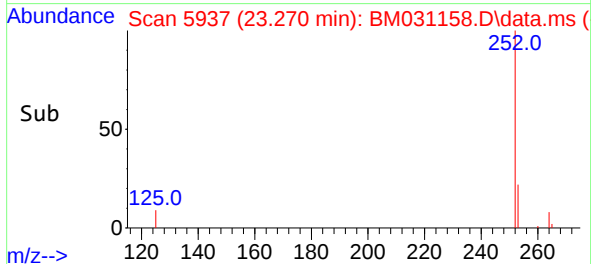
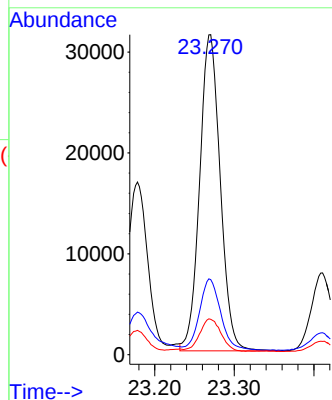
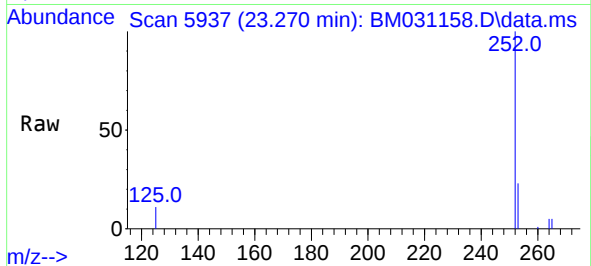
#26
Benzo(a)pyrene
Concen: 2.105 ng/ul
RT: 23.270 min Scan# 5937
Delta R.T. 0.005 min
Lab File: BM031158.D
Acq: 26 Jul 2021 12:04

Tgt Ion:	252	Resp:	56456
Ion Ratio	Lower	Upper	
252	100		
253	23.4	23.1	34.7
125	11.1	10.7	16.1

Instrument :
BNA_M
ClientSampleId :
BGED9

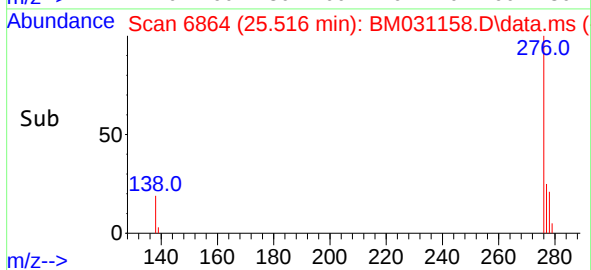
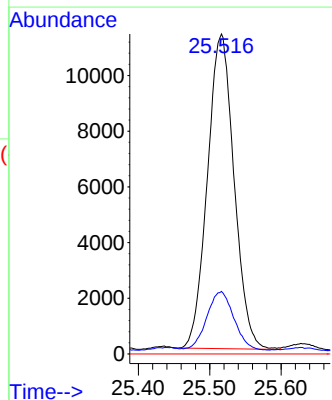
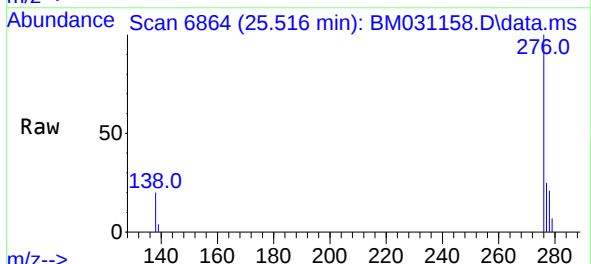
Manual Integrations
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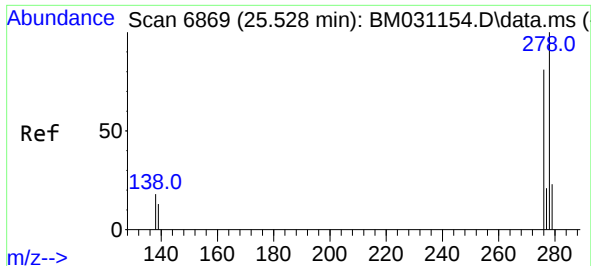
mohammad
7/27/2021 12:08:48 PM



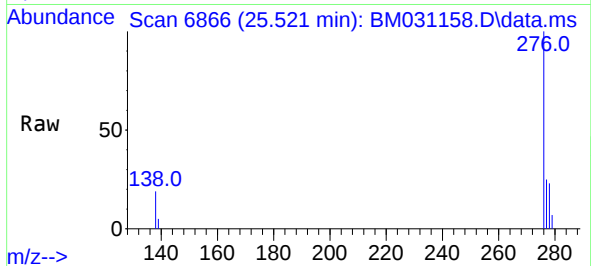
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.835 ng/ul
RT: 25.516 min Scan# 6864
Delta R.T. 0.005 min
Lab File: BM031158.D
Acq: 26 Jul 2021 12:04

Tgt Ion:	276	Resp:	29338
Ion Ratio	Lower	Upper	
276	100		
138	19.4	15.4	23.0
227	0.0	0.0	0.0

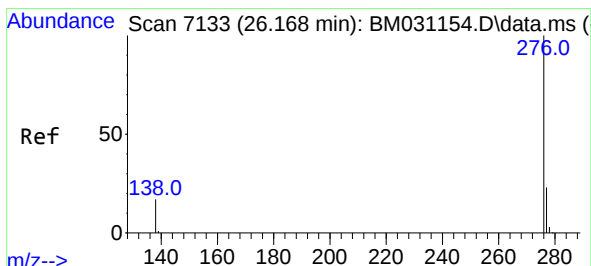
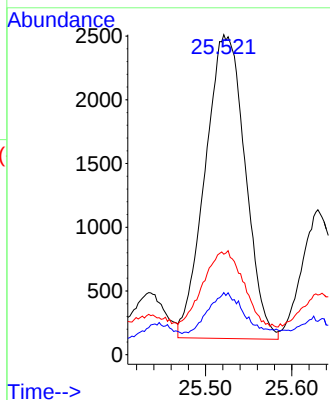
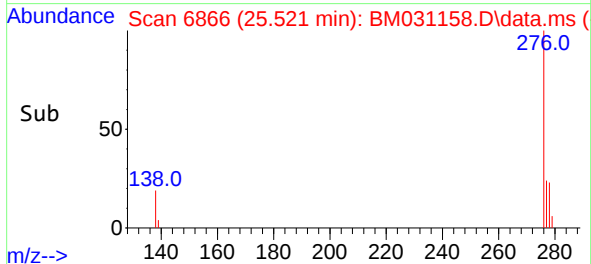




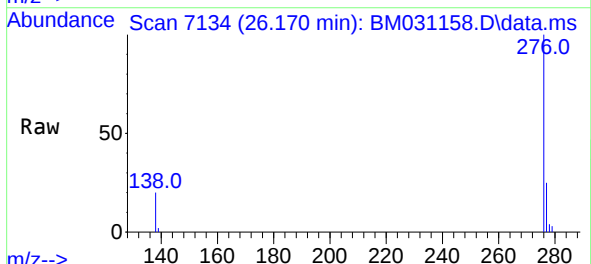
#28
Dibenzo(a,h)anthracene
Concen: 0.273 ng/ul
RT: 25.521 min Scan# 6866
Delta R.T. -0.007 min
Lab File: BM031158.D
Acq: 26 Jul 2021 12:04



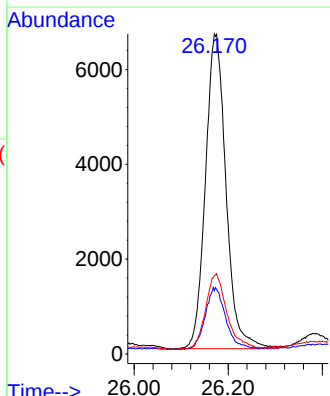
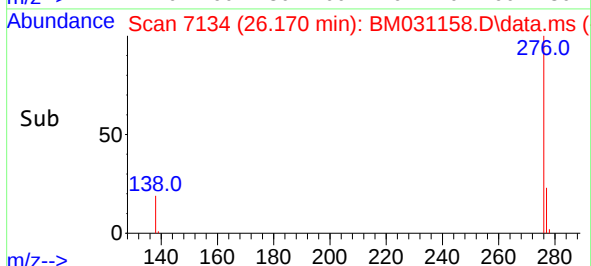
Tgt Ion:278 Resp: 7684
Ion Ratio Lower Upper
278 100
139 19.4 12.6 18.8#
279 31.4 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.676 ng/ul
RT: 26.170 min Scan# 7134
Delta R.T. 0.003 min
Lab File: BM031158.D
Acq: 26 Jul 2021 12:04



Tgt Ion:276 Resp: 20173
Ion Ratio Lower Upper
276 100
138 19.8 14.0 21.0
277 24.6 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
BGED9

Manual Integrations
APPROVED

mohammad
7/27/2021 12:08:48 PM