

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100520\
 Data File : BM027618.D
 Acq On : 05 Oct 2020 22:49
 Operator : JU/CG
 Sample : L4184-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL7

Manual Integrations
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Quant Time: Oct 06 01:25:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 06 01:23:11 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	1633	0.40	ng/ul	0.00
2) Naphthalene-d8	10.577	136	4754	0.40	ng/ul #	0.00
6) Acenaphthene-d10	14.425	164	2465	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.166	188	8455	0.40	ng/ul	0.00
16) Chrysene-d12	21.341	240	9551	0.40	ng/ul	0.00
20) Perylene-d12	23.603	264	10271	0.40	ng/ul #	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.169	152	1290	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.192	212	4423	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.626	128	672	0.05	ng/ul#	80
5) 2-Methylnaphthalene	12.241	142	492	0.05	ng/ul	96
7) Acenaphthylene	14.140	152	594	0.05	ng/ul#	81
8) Acenaphthene	14.486	153	399	0.04	ng/ul	99
9) Fluorene	15.475	166	664	0.06	ng/ul#	93
11) Pentachlorophenol	16.819	266	109	0.05	ng/ul	99
12) Phenanthrene	17.207	178	20642	0.79	ng/ul	99
13) Anthracene	17.298	178	3987	0.16	ng/ul	96
15) Fluoranthene	19.222	202	61764	1.97	ng/ul	97
17) Pyrene	19.584	202	53836	1.24	ng/ul#	96
18) Benzo(a)anthracene	21.326	228	34659	0.93	ng/ul	98
19) Chrysene	21.377	228	35479	0.91	ng/ul	98
21) Benzo(b)fluoranthene	22.924	252	48763m	1.18	ng/ul	
22) Benzo(k)fluoranthene	22.965	252	17256m	0.40	ng/ul	
23) Benzo(a)pyrene	23.503	252	31217	0.84	ng/ul#	98
24) Indeno(1,2,3-cd)pyrene	25.875	276	22942	0.48	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.883	278	6346	0.16	ng/ul#	83
26) Benzo(g,h,i)perylene	26.578	276	19927	0.49	ng/ul	97

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

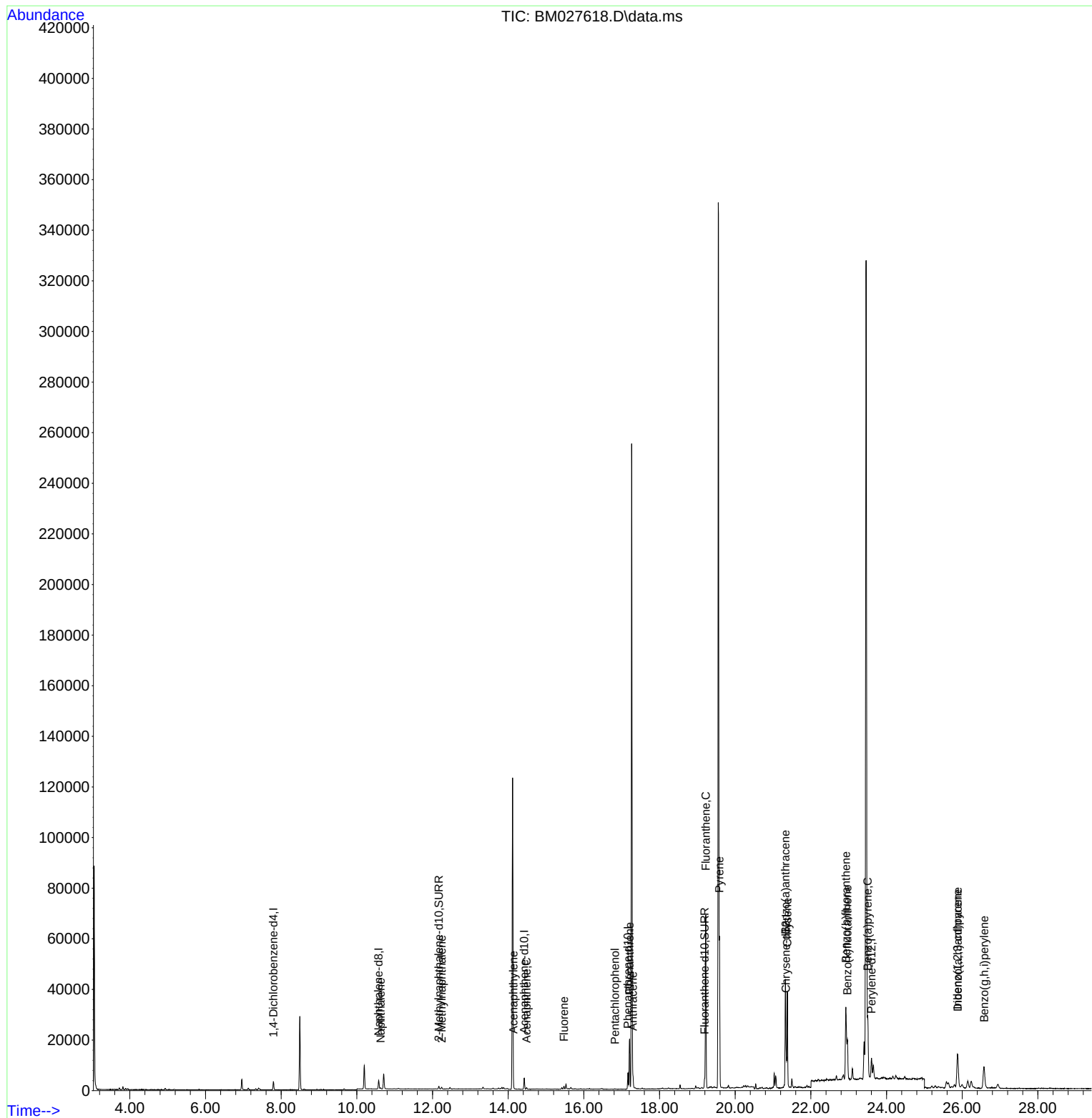
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100520\
Data File : BM027618.D
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ALS Vial : 22 Sample Multiplier: 1

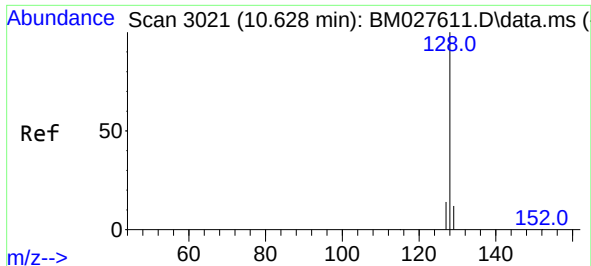
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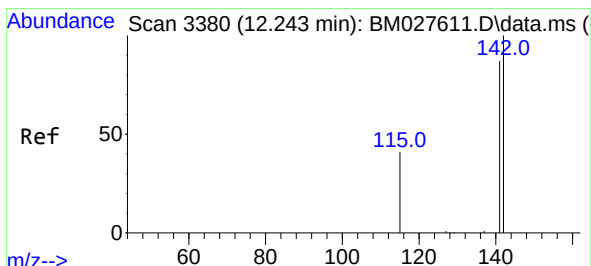
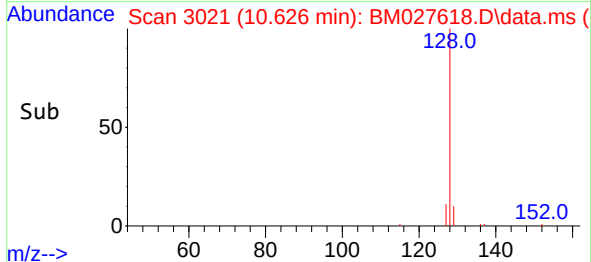
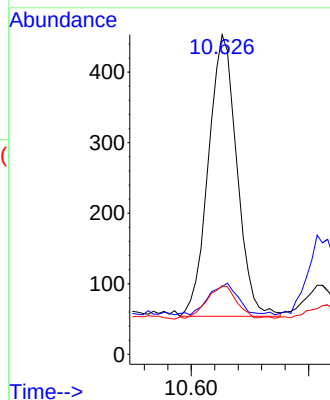
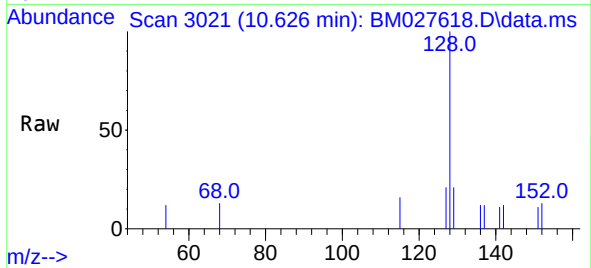
#3
Naphthalene
Concen: 0.05 ng/ul
RT: 10.626 min Scan# 3021
Delta R.T. -0.004 min
Lab File: BM027618.D
Acq: 05 Oct 2020 22:49

Tgt Ion:128 Resp: 672
Ion Ratio Lower Upper
128 100
129 21.2 9.9 14.9#
127 21.4 11.4 17.2#

Instrument :
BNA_M
ClientSampled :
C0AL7

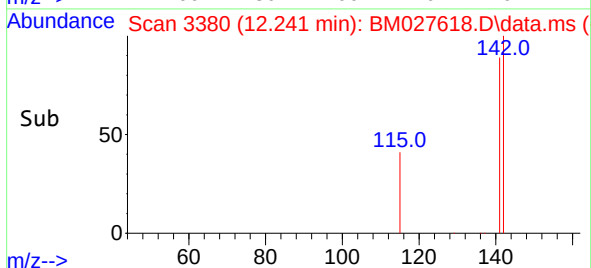
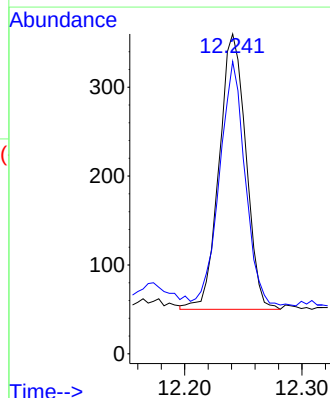
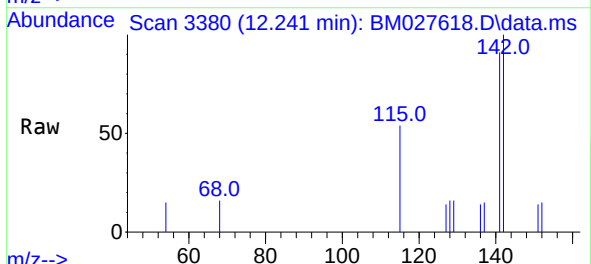
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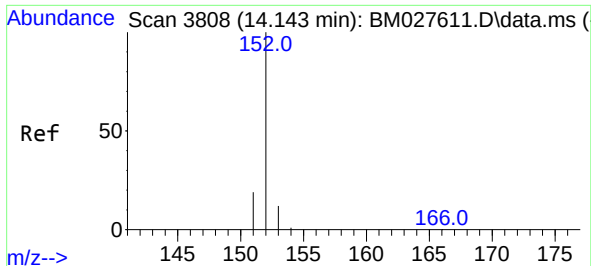
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#5
2-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 12.241 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM027618.D
Acq: 05 Oct 2020 22:49

Tgt Ion:142 Resp: 492
Ion Ratio Lower Upper
142 100
141 84.8 70.9 106.3





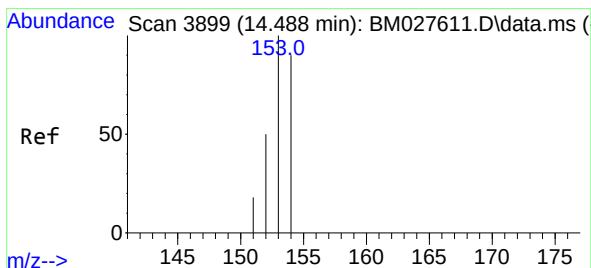
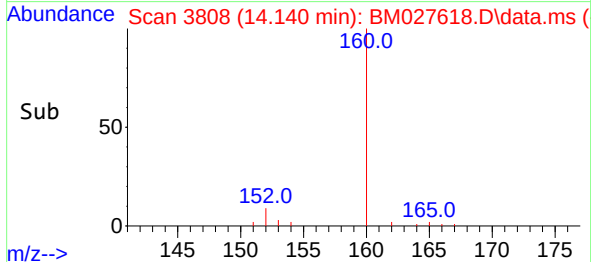
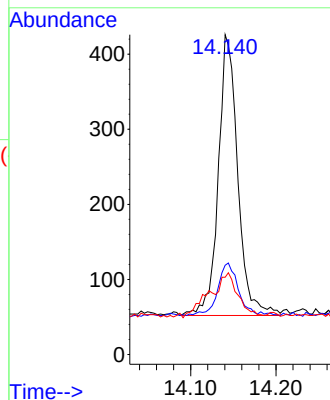
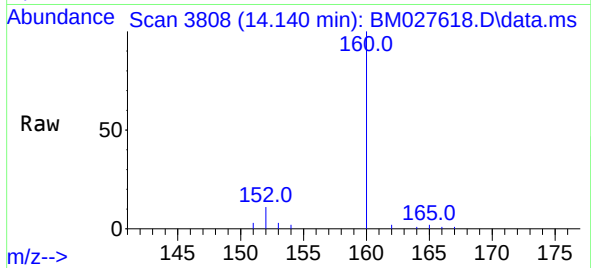
#7
Acenaphthylene
Concen: 0.05 ng/ul
RT: 14.140 min Scan# 3808
Delta R.T. -0.004 min
Lab File: BM027618.D
Acq: 05 Oct 2020 22:49

Tgt Ion:	152	Resp:	594
Ion	Ratio	Lower	Upper
152	100		
151	27.9	16.6	24.8#
153	24.2	11.4	17.0#

Instrument :
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ClientSampleId :
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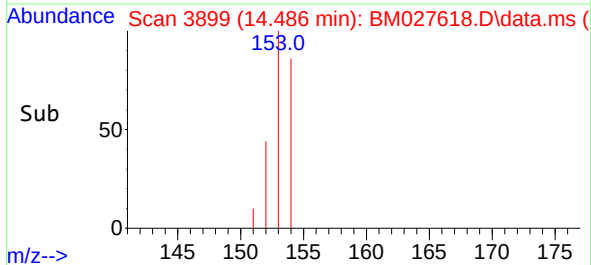
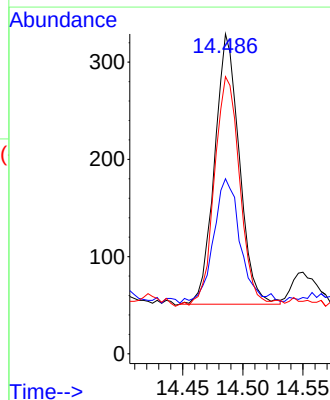
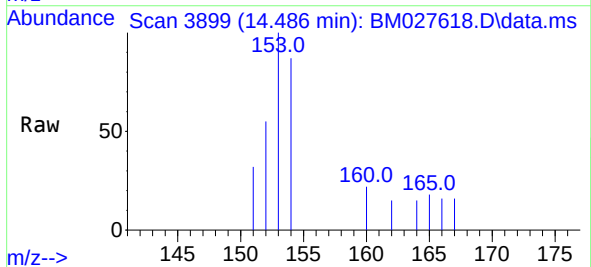
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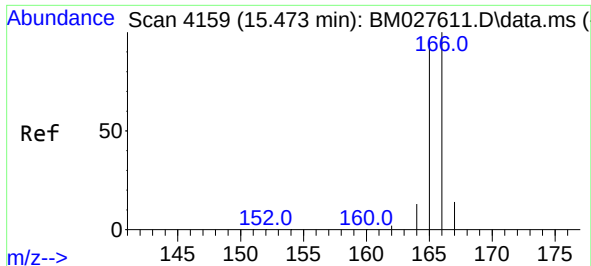
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#8
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.486 min Scan# 3899
Delta R.T. 0.000 min
Lab File: BM027618.D
Acq: 05 Oct 2020 22:49

Tgt Ion:	153	Resp:	399
Ion	Ratio	Lower	Upper
153	100		
152	54.7	42.8	64.2
154	86.6	69.0	103.6





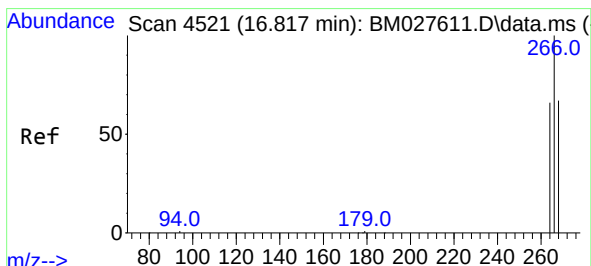
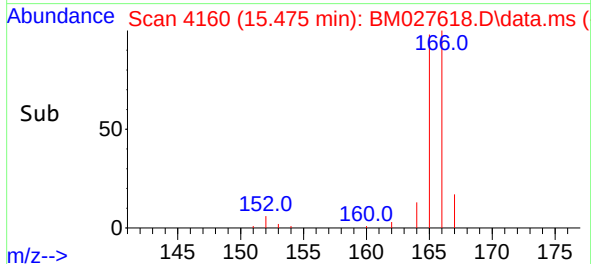
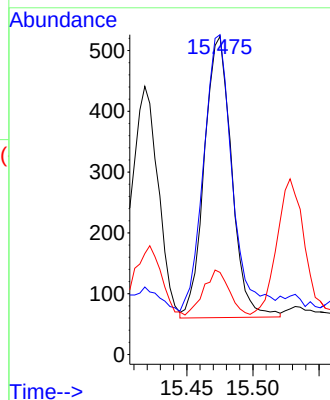
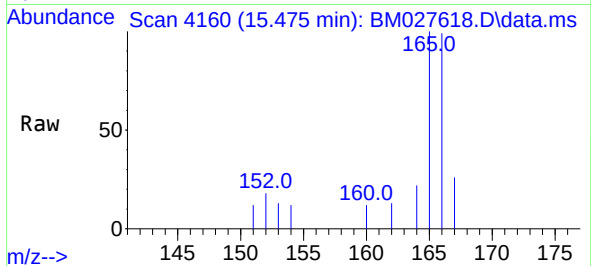
#9
Fluorene
Concen: 0.06 ng/ul
RT: 15.475 min Scan# 4160
Delta R.T. 0.000 min
Lab File: BM027618.D
Acq: 05 Oct 2020 22:49

Tgt Ion:	166	Resp:	664
Ion	Ratio	Lower	Upper
166	100		
165	100.6	77.2	115.8
167	25.8	11.1	16.7#

Instrument :
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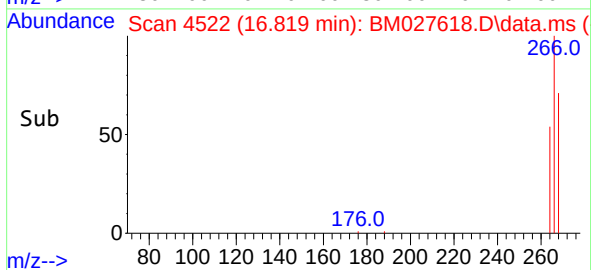
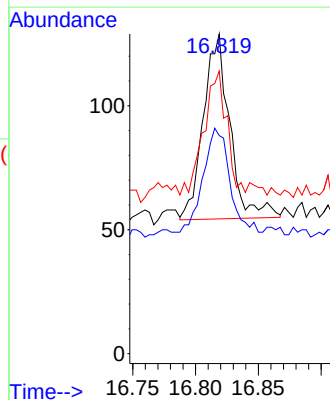
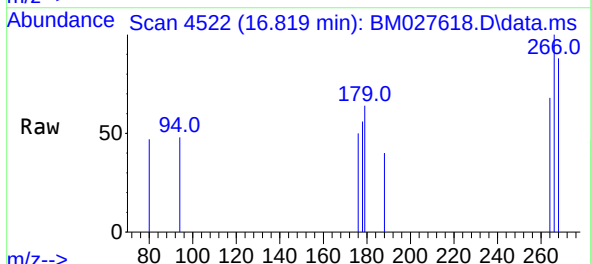
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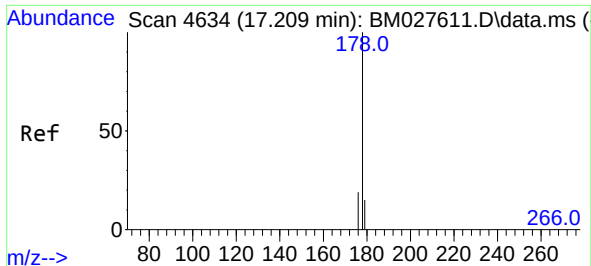
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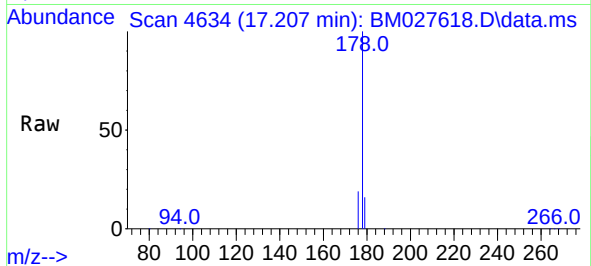
#11
Pentachlorophenol
Concen: 0.05 ng/ul
RT: 16.819 min Scan# 4522
Delta R.T. 0.004 min
Lab File: BM027618.D
Acq: 05 Oct 2020 22:49

Tgt Ion:	266	Resp:	109
Ion	Ratio	Lower	Upper
266	100		
264	61.5	50.2	75.4
268	62.4	50.2	75.4



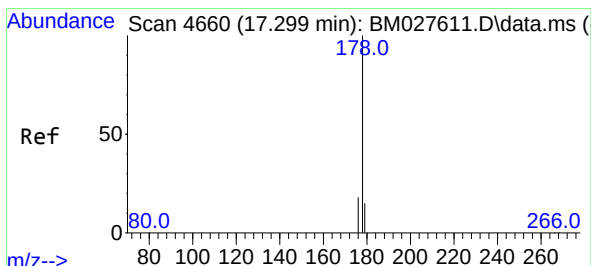
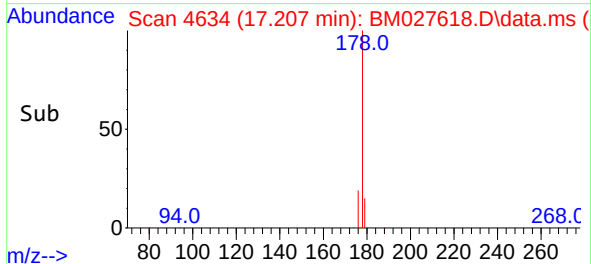
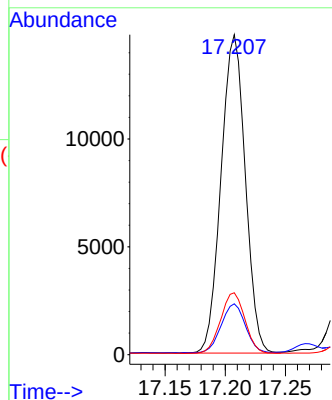


#12
Phenanthrene
Concen: 0.79 ng/ul
RT: 17.207 min Scan# 4634
Delta R.T. 0.000 min
Lab File: BM027618.D
Acq: 05 Oct 2020 22:49

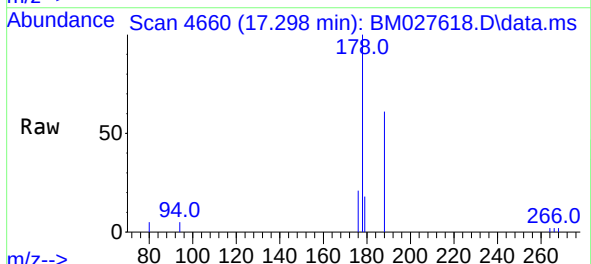


Tgt Ion:178 Resp: 20642

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.4	15.3	22.9

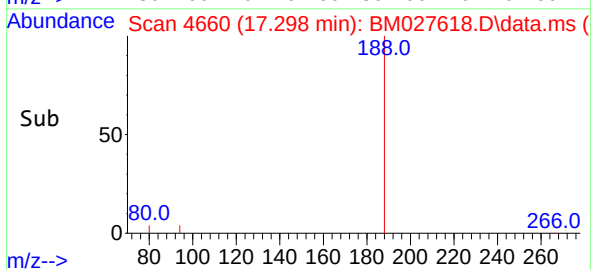
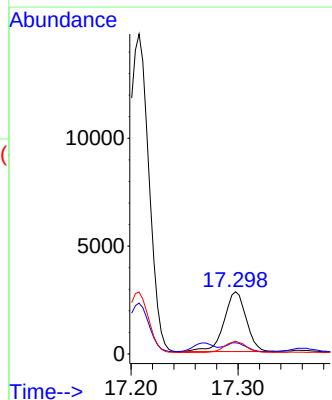


#13
Anthracene
Concen: 0.16 ng/ul
RT: 17.298 min Scan# 4660
Delta R.T. 0.000 min
Lab File: BM027618.D
Acq: 05 Oct 2020 22:49



Tgt Ion:178 Resp: 3987

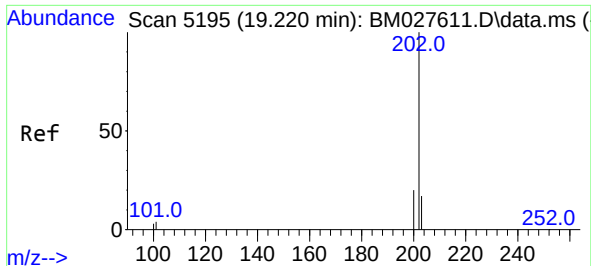
Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.0	19.4
176	20.6	15.2	22.8



Instrument :
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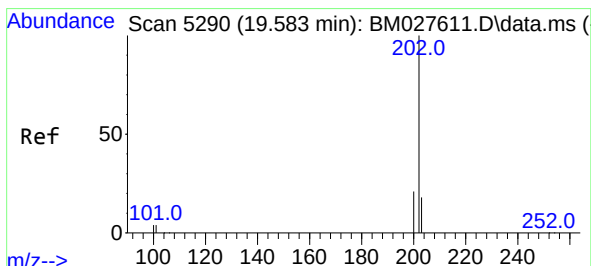
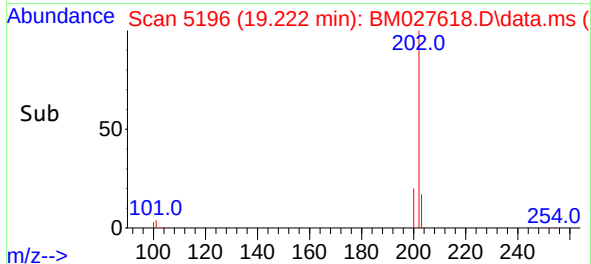
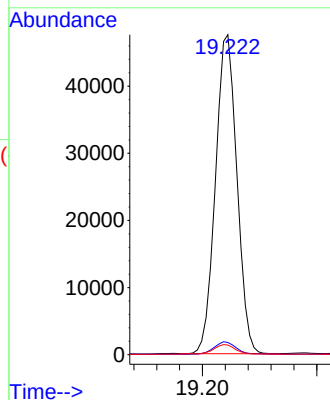
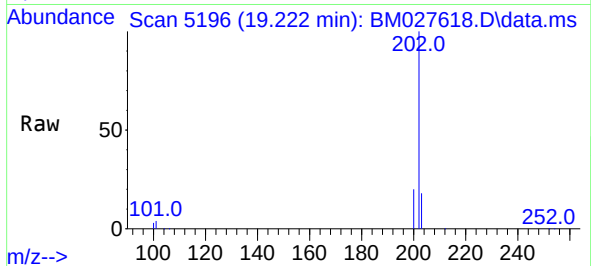
#15
Fluoranthene
Concen: 1.97 ng/ul
RT: 19.222 min Scan# 5196
Delta R.T. 0.000 min
Lab File: BM027618.D
Acq: 05 Oct 2020 22:49

Tgt Ion:	202	Resp:	61764
Ion Ratio	Lower	Upper	
202	100		
101	3.8	0.0	24.9
100	3.0	0.0	24.1

Instrument :
BNA_M
ClientSampled :
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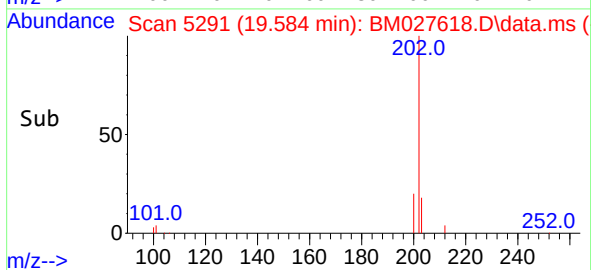
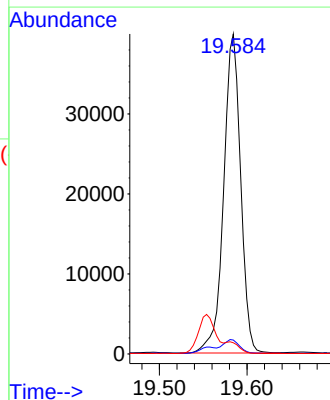
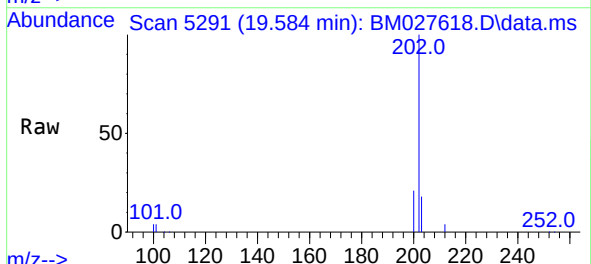
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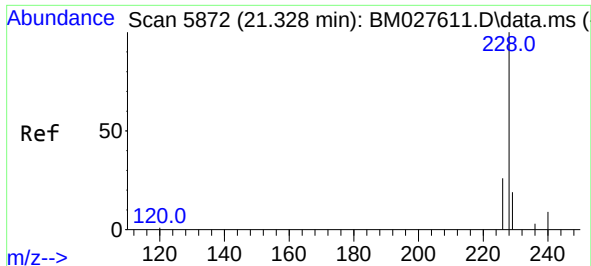
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#17
Pyrene
Concen: 1.24 ng/ul
RT: 19.584 min Scan# 5291
Delta R.T. 0.000 min
Lab File: BM027618.D
Acq: 05 Oct 2020 22:49

Tgt Ion:	202	Resp:	53836
Ion Ratio	Lower	Upper	
202	100		
101	4.4	4.7	7.1#
100	3.5	3.9	5.9#





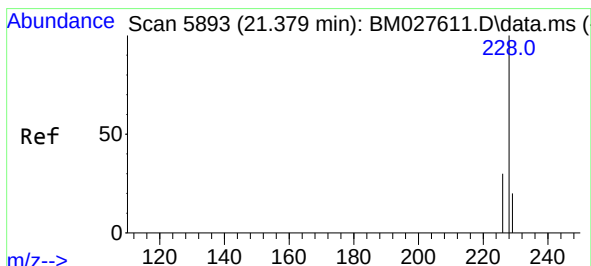
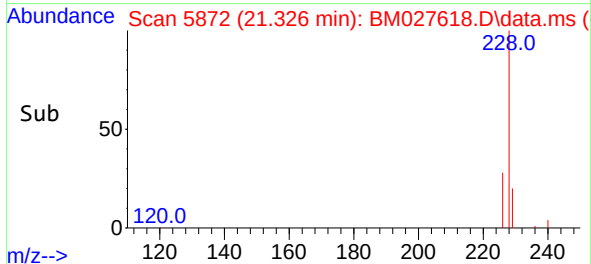
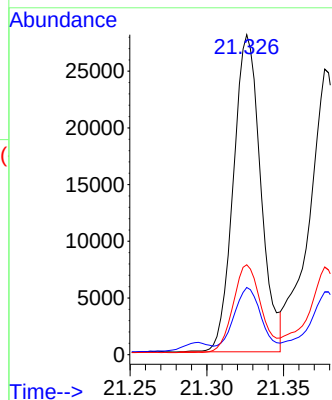
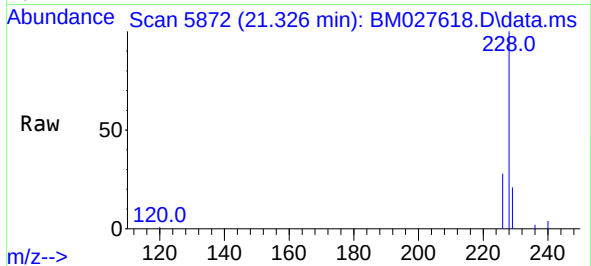
#18
Benzo(a)anthracene
Concen: 0.93 ng/ul
RT: 21.326 min Scan# 5872
Delta R.T. -0.005 min
Lab File: BM027618.D
Acq: 05 Oct 2020 22:49

Tgt Ion:	228	Resp:	34659
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.6	23.4
226	28.1	21.8	32.8

Instrument :
BNA_M
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C0AL7

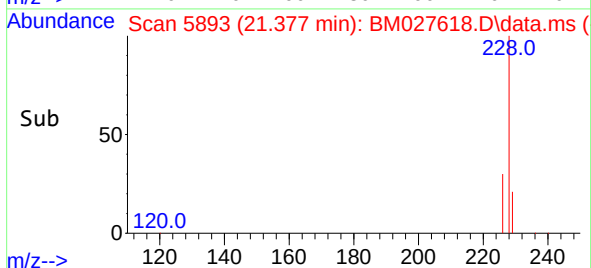
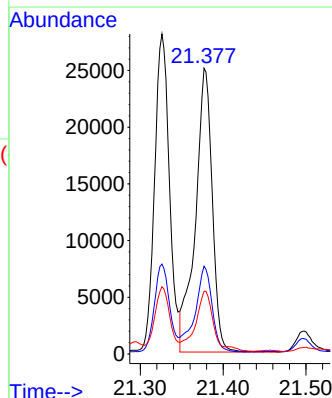
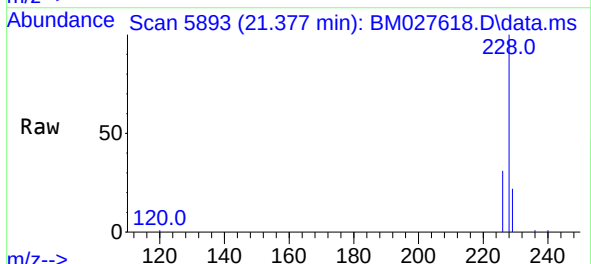
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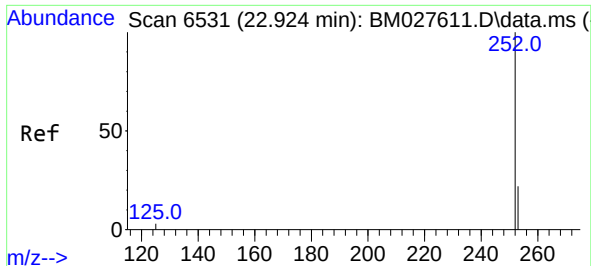
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#19
Chrysene
Concen: 0.91 ng/ul
RT: 21.377 min Scan# 5893
Delta R.T. -0.005 min
Lab File: BM027618.D
Acq: 05 Oct 2020 22:49

Tgt Ion:	228	Resp:	35479
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.2	36.4
229	22.0	15.8	23.8





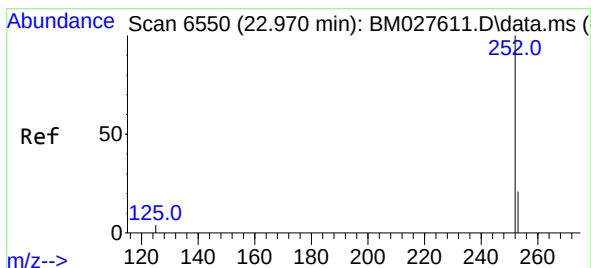
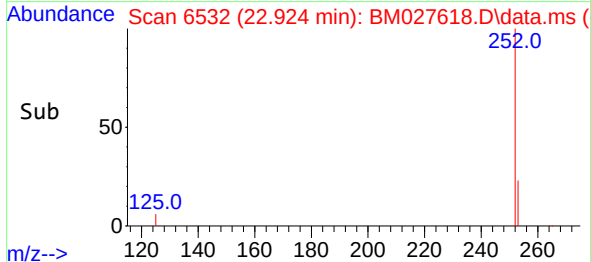
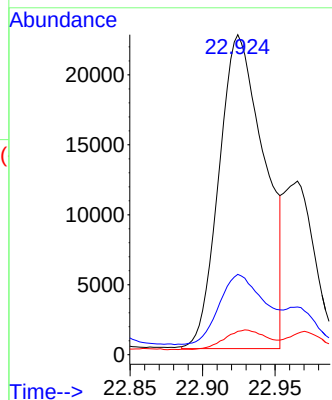
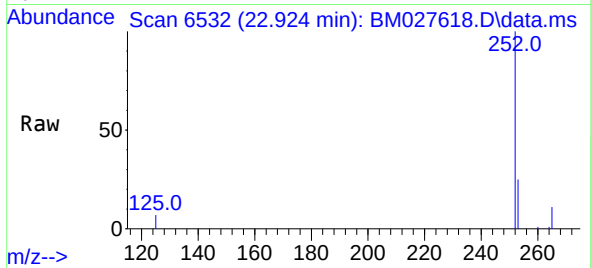
#21
Benzo(b)fluoranthene
Concen: 1.18 ng/ul m
RT: 22.924 min Scan# 6532
Delta R.T. -0.002 min
Lab File: BM027618.D
Acq: 05 Oct 2020 22:49

Tgt Ion:252	Resp:	48763
Ion Ratio	Lower	Upper
252	100	
253	25.1	0.0 48.2
125	7.3	0.0 10.6

Instrument :
BNA_M
ClientSampled :
C0AL7

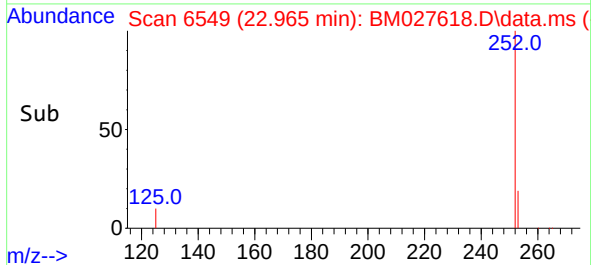
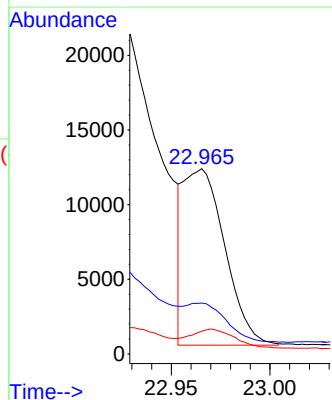
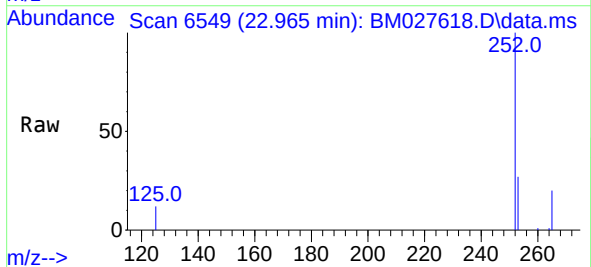
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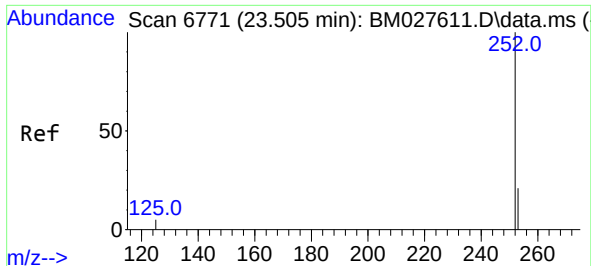
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#22
Benzo(k)fluoranthene
Concen: 0.40 ng/ul m
RT: 22.965 min Scan# 6549
Delta R.T. -0.007 min
Lab File: BM027618.D
Acq: 05 Oct 2020 22:49

Tgt Ion:252	Resp:	17256
Ion Ratio	Lower	Upper
252	100	
253	27.4	19.1 28.7
125	12.3	5.0 7.4#





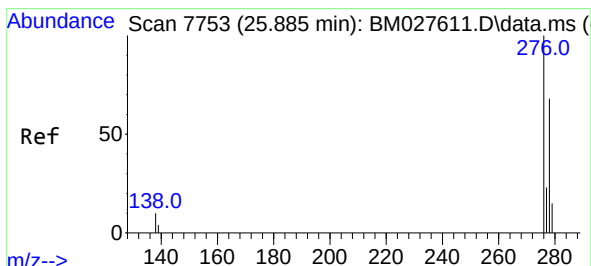
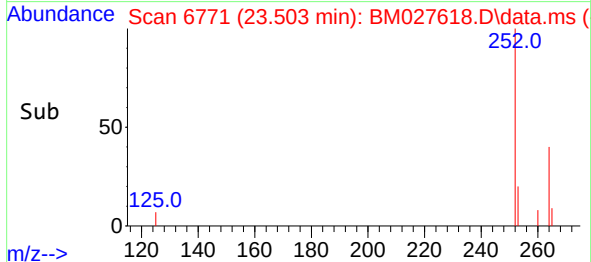
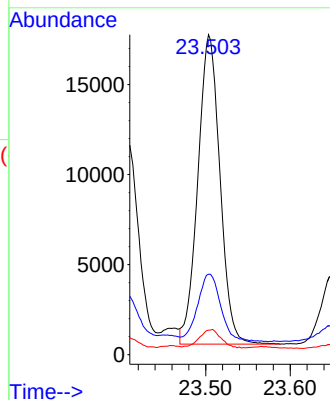
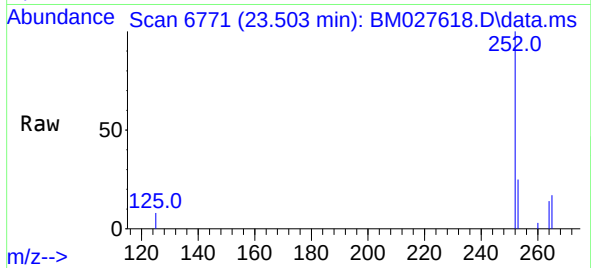
#23
Benzo(a)pyrene
Concen: 0.84 ng/ul
RT: 23.503 min Scan# 6771
Delta R.T. -0.005 min
Lab File: BM027618.D
Acq: 05 Oct 2020 22:49

Tgt Ion:	252	Resp:	31217
Ion Ratio	Lower	Upper	
252	100		
253	25.2	19.6	29.4
125	7.7	5.0	7.6#

Instrument :
BNA_M
ClientSampleId :
C0AL7

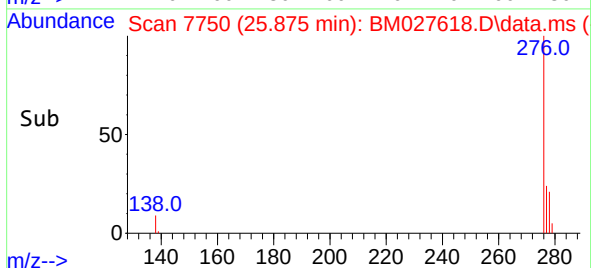
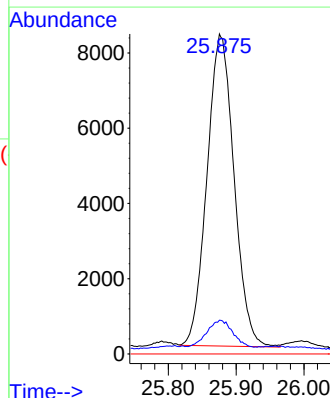
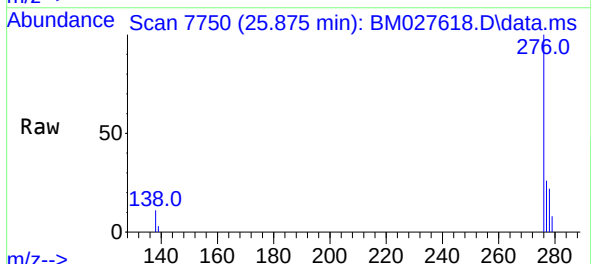
Manual Integrations
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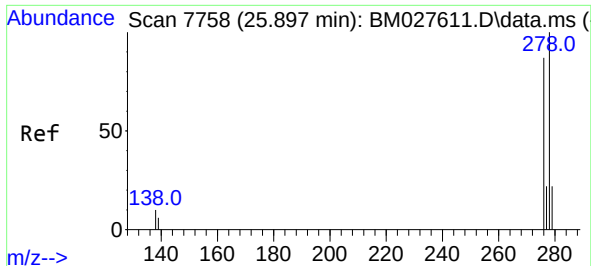
mohammad
10/6/2020 3:24:09 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.48 ng/ul
RT: 25.875 min Scan# 7750
Delta R.T. -0.012 min
Lab File: BM027618.D
Acq: 05 Oct 2020 22:49

Tgt Ion:	276	Resp:	22942
Ion Ratio	Lower	Upper	
276	100		
138	9.5	8.6	12.8
227	0.0	0.0	0.0





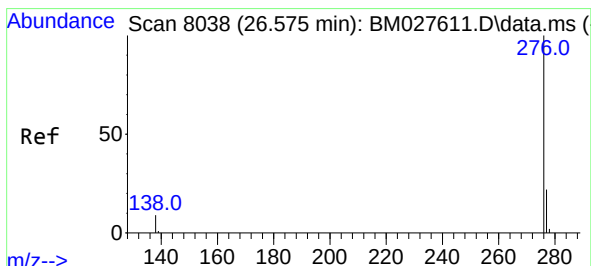
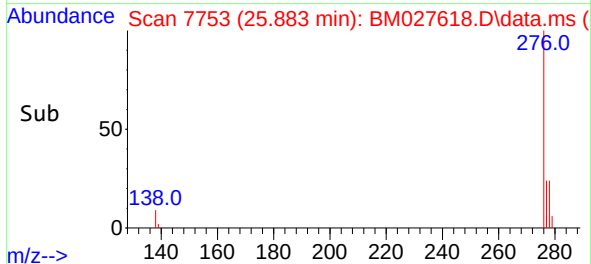
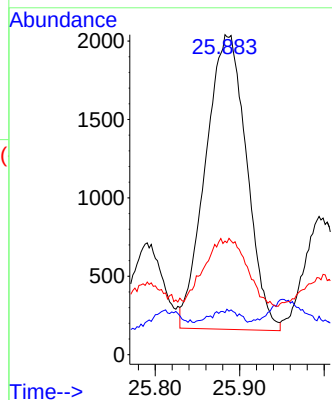
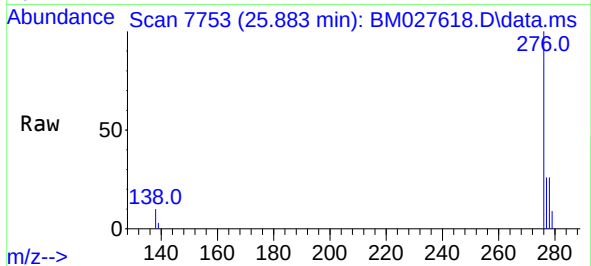
#25
Dibenzo(a,h)anthracene
Concen: 0.16 ng/ul
RT: 25.883 min Scan# 7753
Delta R.T. -0.019 min
Lab File: BM027618.D
Acq: 05 Oct 2020 22:49

Tgt Ion:278 Resp: 6346
Ion Ratio Lower Upper
278 100
139 13.2 7.6 11.4#
279 35.5 20.7 31.1#

Instrument :
BNA_M
ClientSampleId :
C0AL7

Manual Integrations
APPROVED

mohammad
10/6/2020 3:24:09 PM



#26
Benzo(g,h,i)perylene
Concen: 0.49 ng/ul
RT: 26.578 min Scan# 8040
Delta R.T. -0.005 min
Lab File: BM027618.D
Acq: 05 Oct 2020 22:49

Tgt Ion:276 Resp: 19927
Ion Ratio Lower Upper
276 100
138 10.7 9.0 13.4
277 25.9 19.4 29.0

