

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100520\
 Data File : BM027615.D
 Acq On : 05 Oct 2020 21:01
 Operator : JU/CG
 Sample : L4184-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL5

Manual Integrations
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Quant Time: Oct 06 01:24:27 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	7.795	152	1308	0.40	ng/ul	0.00
2) Naphthalene-d8	10.577	136	3820	0.40	ng/ul #	0.00
6) Acenaphthene-d10	14.425	164	1755	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.166	188	6830	0.40	ng/ul	0.00
16) Chrysene-d12	21.343	240	7637	0.40	ng/ul	0.00
20) Perylene-d12	23.603	264	8252	0.40	ng/ul #	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.169	152	971	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.192	212	3434	0.18	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.626	128	590	0.05	ng/ul#	78
5) 2-Methylnaphthalene	12.241	142	486	0.06	ng/ul	99
7) Acenaphthylene	14.144	152	850	0.09	ng/ul#	85
8) Acenaphthene	14.485	153	308	0.05	ng/ul	95
9) Fluorene	15.475	166	656	0.08	ng/ul#	95
12) Phenanthrene	17.207	178	14481	0.69	ng/ul	99
13) Anthracene	17.298	178	3484	0.17	ng/ul	96
15) Fluoranthene	19.222	202	47769	1.88	ng/ul	97
17) Pyrene	19.584	202	43576	1.25	ng/ul#	96
18) Benzo(a)anthracene	21.328	228	27406	0.92	ng/ul	98
19) Chrysene	21.379	228	30759	0.99	ng/ul	98
21) Benzo(b)fluoranthene	22.927	252	48120m	1.45	ng/ul	
22) Benzo(k)fluoranthene	22.965	252	17241m	0.50	ng/ul	
23) Benzo(a)pyrene	23.506	252	29709	1.00	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.880	276	24531	0.64	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.890	278	6547	0.21	ng/ul#	85
26) Benzo(g,h,i)perylene	26.578	276	22486	0.70	ng/ul	98

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

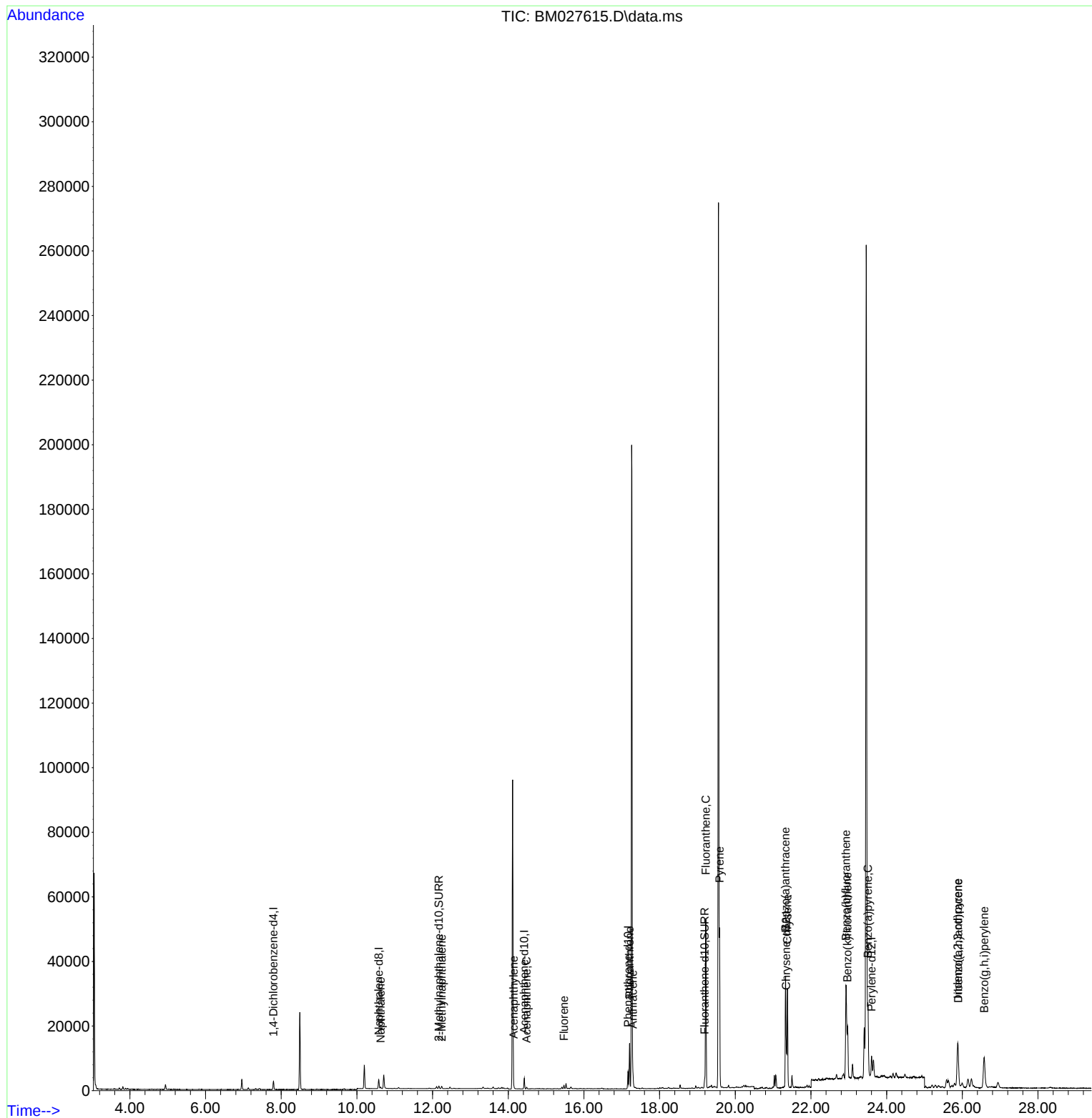
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Data File : BM027615.D
Acq On : 05 Oct 2020 21:01
Operator : JU/CG
Sample : L4184-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

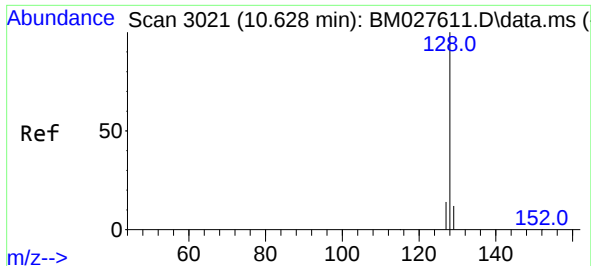
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
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QLast Update : Tue Oct 06 01:23:11 2020
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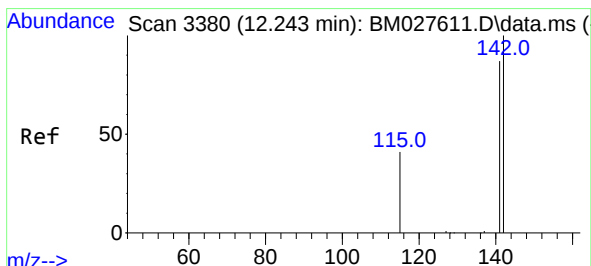
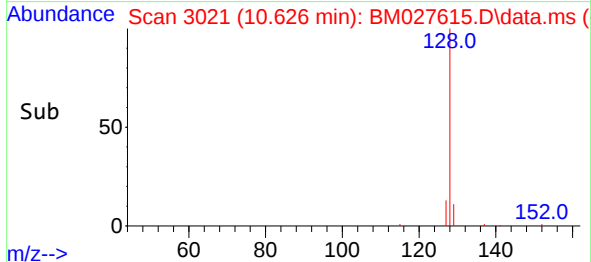
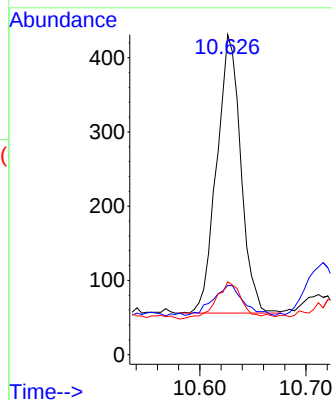
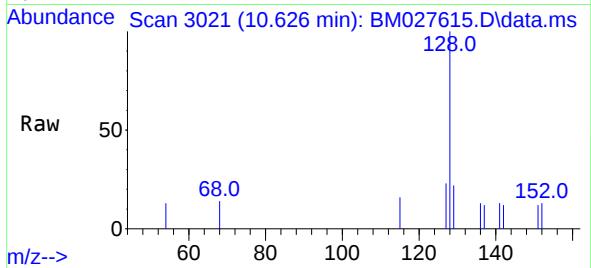
#3
Naphthalene
Concen: 0.05 ng/ul
RT: 10.626 min Scan# 3021
Delta R.T. -0.005 min
Lab File: BM027615.D
Acq: 05 Oct 2020 21:01

Tgt Ion:	128	Resp:	590
Ion Ratio	100	Lower	Upper
128	100		
129	21.6	9.9	14.9#
127	22.7	11.4	17.2#

Instrument :
BNA_M
ClientSampled :
C0AL5

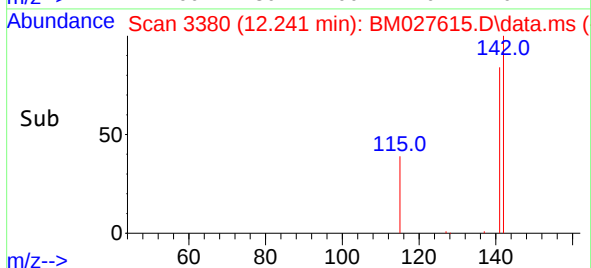
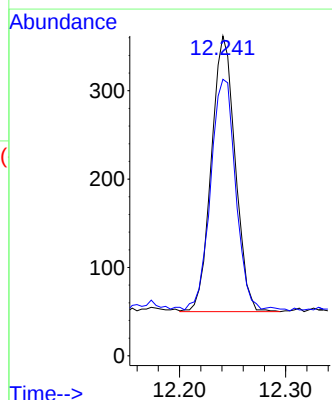
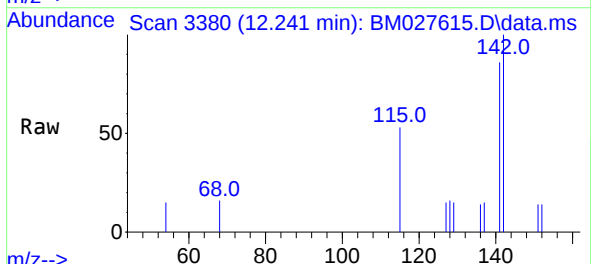
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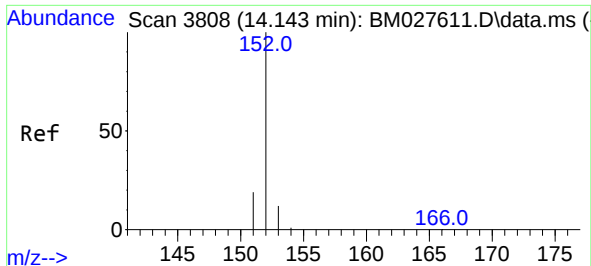
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#5
2-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 12.241 min Scan# 3380
Delta R.T. -0.005 min
Lab File: BM027615.D
Acq: 05 Oct 2020 21:01

Tgt Ion:	142	Resp:	486
Ion Ratio	100	Lower	Upper
142	100		
141	87.4	70.9	106.3





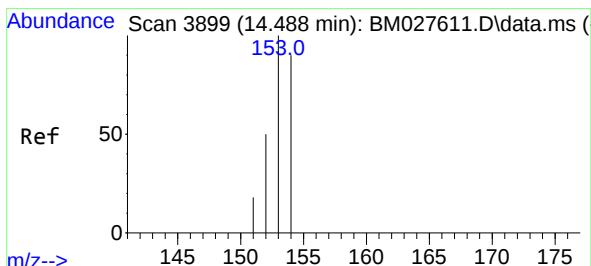
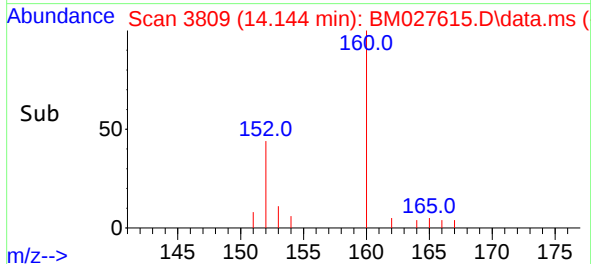
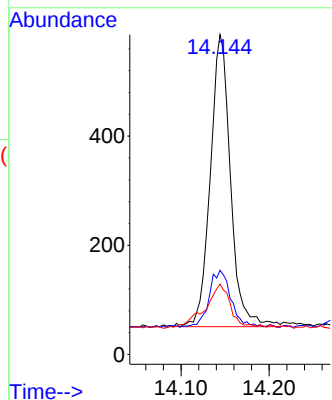
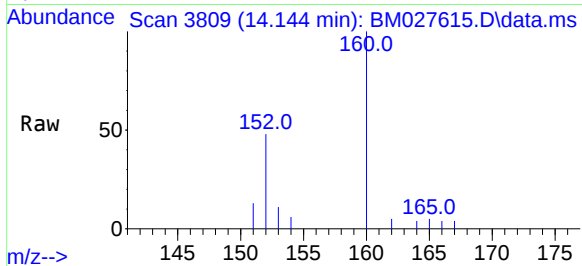
#7
Acenaphthylene
Concen: 0.09 ng/ul
RT: 14.144 min Scan# 3809
Delta R.T. -0.000 min
Lab File: BM027615.D
Acq: 05 Oct 2020 21:01

Tgt Ion:	152	Resp:	850
Ion Ratio	Lower	Upper	
152	100		
151	26.3	16.6	24.8#
153	22.0	11.4	17.0#

Instrument :
BNA_M
ClientSampled :
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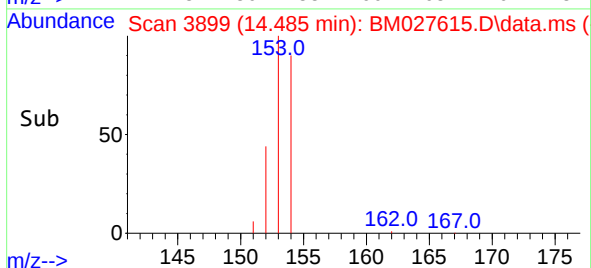
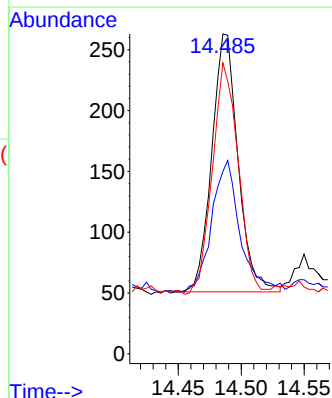
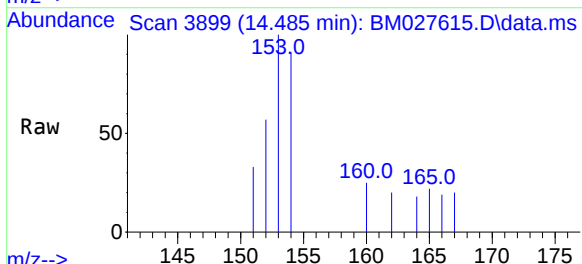
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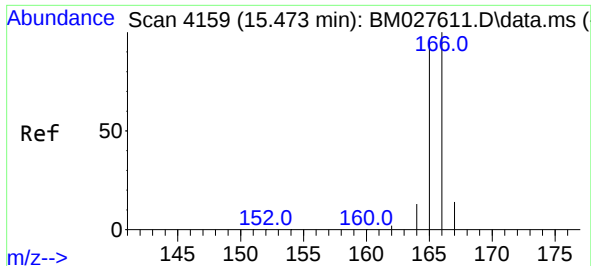
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#8
Acenaphthene
Concen: 0.05 ng/ul
RT: 14.485 min Scan# 3899
Delta R.T. -0.000 min
Lab File: BM027615.D
Acq: 05 Oct 2020 21:01

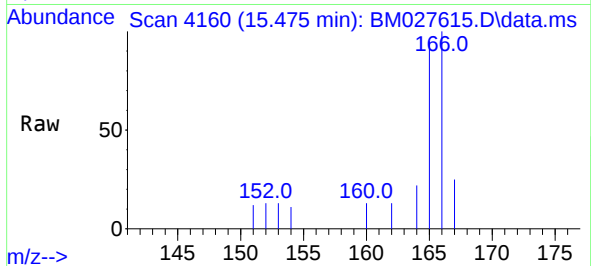
Tgt Ion:	153	Resp:	308
Ion Ratio	Lower	Upper	
153	100		
152	57.0	42.8	64.2
154	90.9	69.0	103.6





#9
Fluorene
Concen: 0.08 ng/ul
RT: 15.475 min Scan# 4160
Delta R.T. -0.000 min
Lab File: BM027615.D
Acq: 05 Oct 2020 21:01

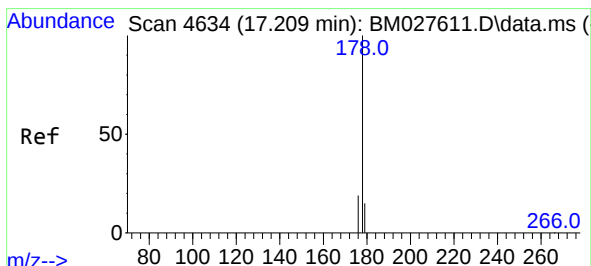
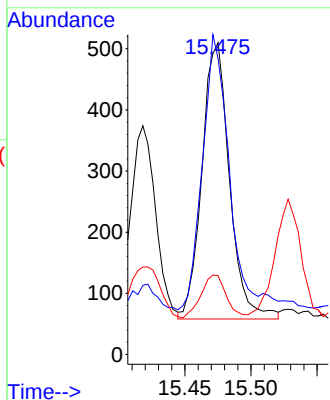
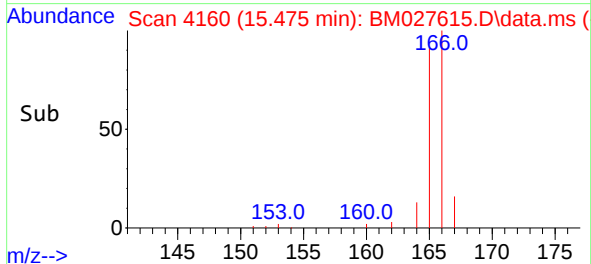
Instrument :
BNA_M
ClientSampled :
C0AL5



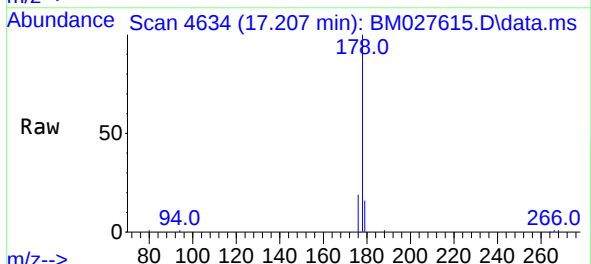
Tgt Ion:166 Resp: 656
Ion Ratio Lower Upper
166 100
165 94.9 77.2 115.8
167 25.3 11.1 16.7#

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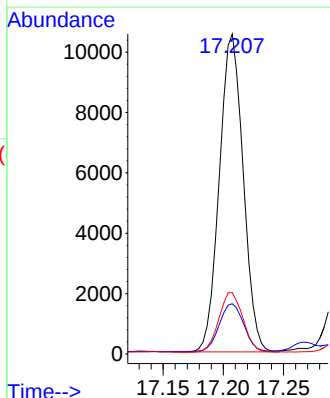
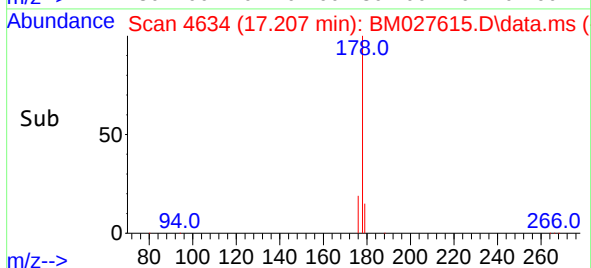
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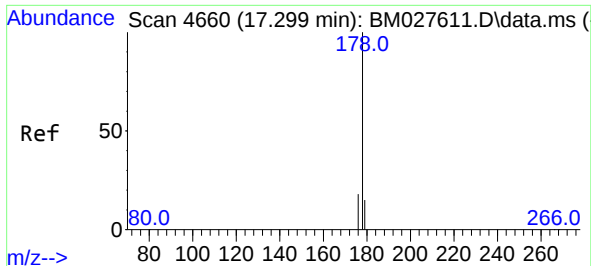


#12
Phenanthrene
Concen: 0.69 ng/ul
RT: 17.207 min Scan# 4634
Delta R.T. -0.000 min
Lab File: BM027615.D
Acq: 05 Oct 2020 21:01



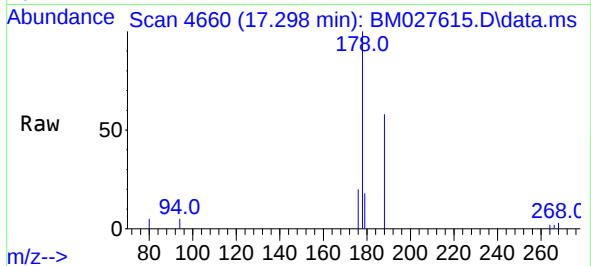
Tgt Ion:178 Resp: 14481
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 19.2 15.3 22.9





#13
 Anthracene
 Concen: 0.17 ng/ul
 RT: 17.298 min Scan# 4660
 Delta R.T. -0.000 min
 Lab File: BM027615.D
 Acq: 05 Oct 2020 21:01

Instrument :
 BNA_M
 ClientSampled :
 C0AL5

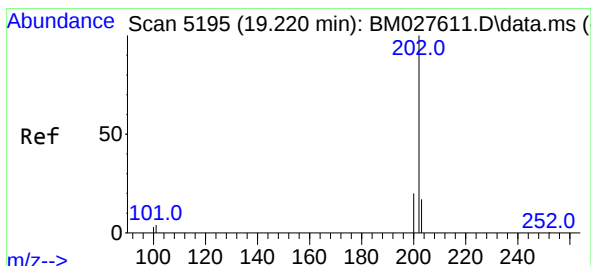
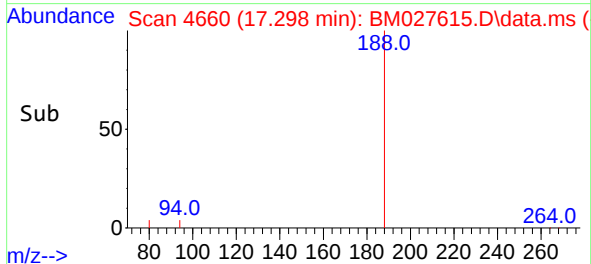
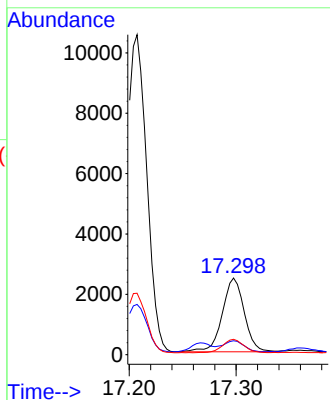


Tgt Ion:178 Resp: 3484

Ion	Ratio	Lower	Upper
178	100		
179	18.3	13.0	19.4
176	20.1	15.2	22.8

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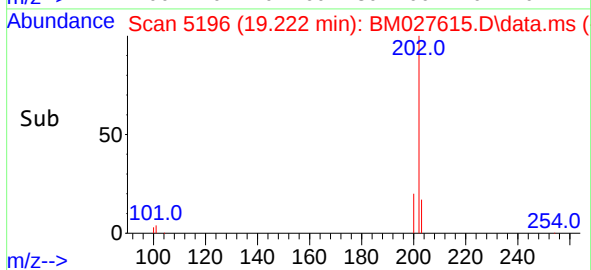
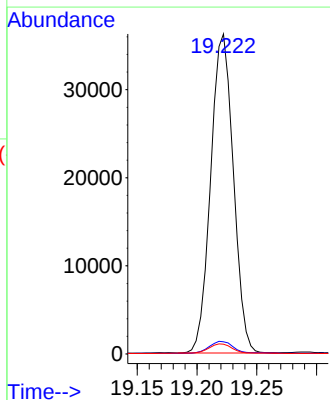
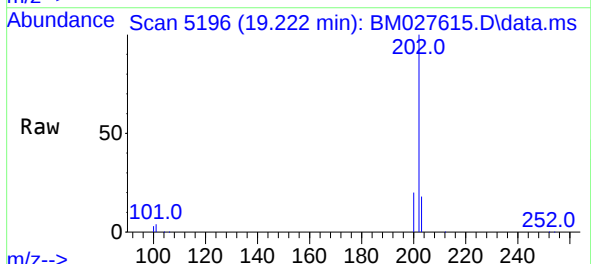
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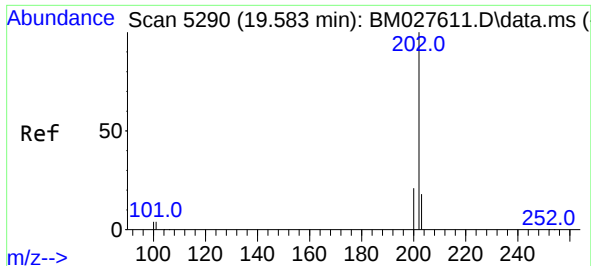


#15
 Fluoranthene
 Concen: 1.88 ng/ul
 RT: 19.222 min Scan# 5196
 Delta R.T. -0.000 min
 Lab File: BM027615.D
 Acq: 05 Oct 2020 21:01

Tgt Ion:202 Resp: 47769

Ion	Ratio	Lower	Upper
202	100		
101	3.8	0.0	24.9
100	3.1	0.0	24.1





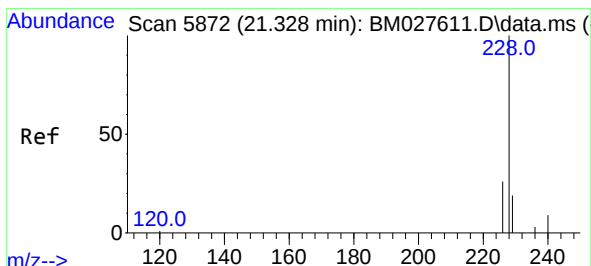
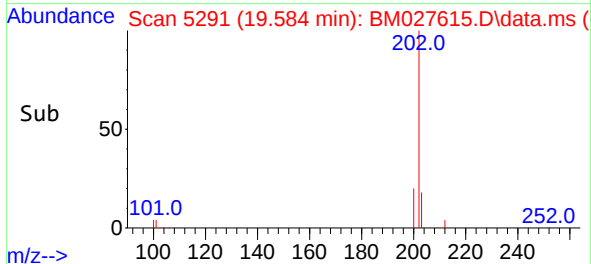
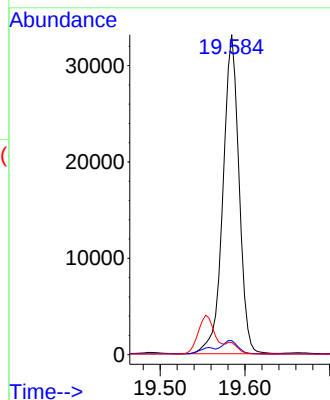
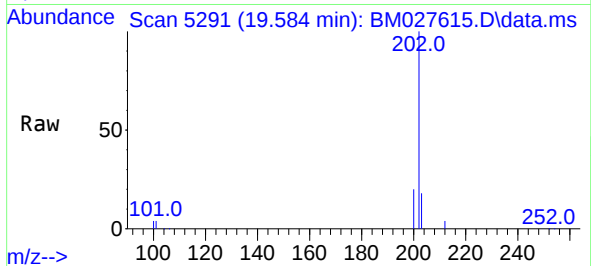
#17
Pyrene
Concen: 1.25 ng/ul
RT: 19.584 min Scan# 5291
Delta R.T. -0.000 min
Lab File: BM027615.D
Acq: 05 Oct 2020 21:01

Tgt Ion:	202	Resp:	43576
Ion Ratio	Lower	Upper	
202	100		
101	4.4	4.7	7.1#
100	3.8	3.9	5.9#

Instrument :
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ClientSampleId :
C0AL5

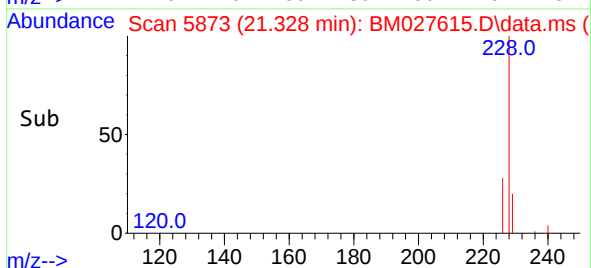
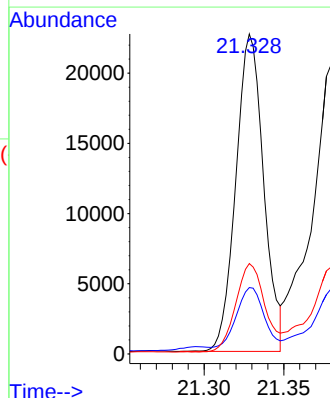
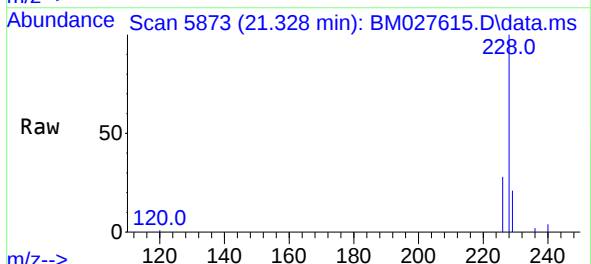
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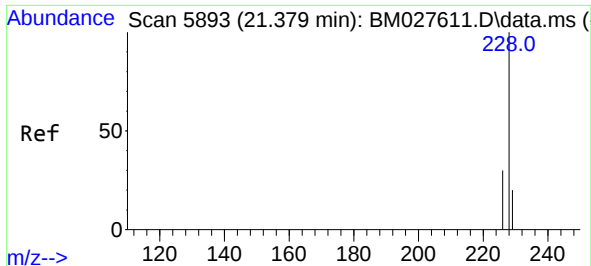
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#18
Benzo(a)anthracene
Concen: 0.92 ng/ul
RT: 21.328 min Scan# 5873
Delta R.T. -0.002 min
Lab File: BM027615.D
Acq: 05 Oct 2020 21:01

Tgt Ion:	228	Resp:	27406
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.6	23.4
226	28.3	21.8	32.8





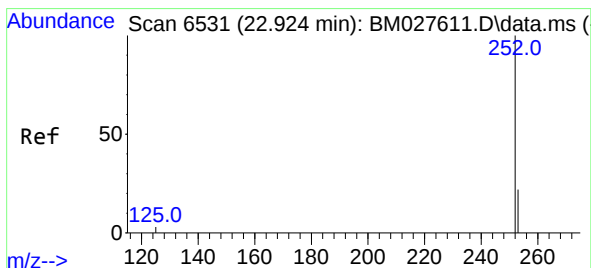
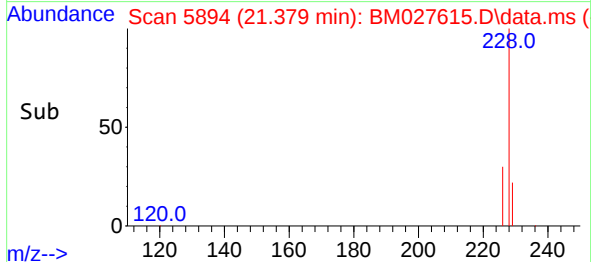
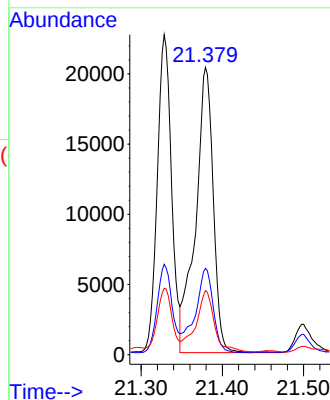
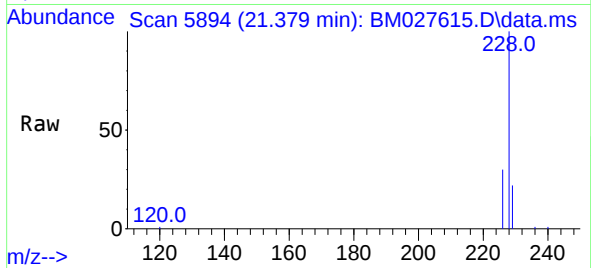
#19
Chrysene
Concen: 0.99 ng/u1
RT: 21.379 min Scan# 5894
Delta R.T. -0.002 min
Lab File: BM027615.D
Acq: 05 Oct 2020 21:01

Tgt Ion:	228	Resp:	30759
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.2	36.4
229	22.3	15.8	23.8

Instrument :
BNA_M
ClientSampled :
C0AL5

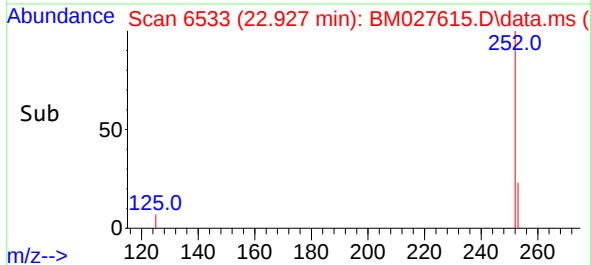
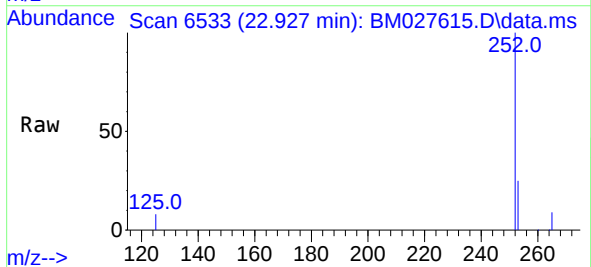
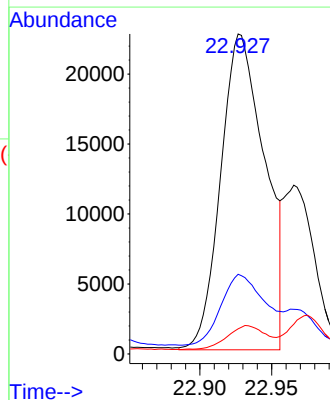
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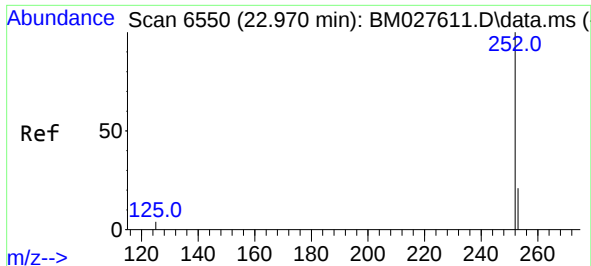
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#21
Benzo(b)fluoranthene
Concen: 1.45 ng/u1 m
RT: 22.927 min Scan# 6533
Delta R.T. -0.000 min
Lab File: BM027615.D
Acq: 05 Oct 2020 21:01

Tgt Ion:	252	Resp:	48120
Ion Ratio	Lower	Upper	
252	100		
253	24.9	0.0	48.2
125	7.9	0.0	10.6





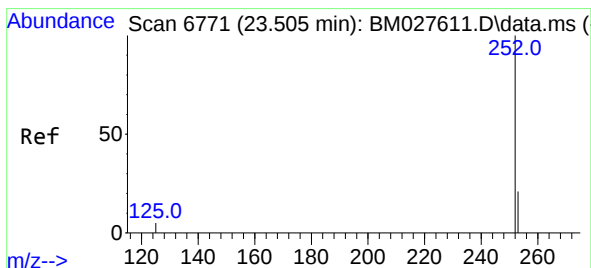
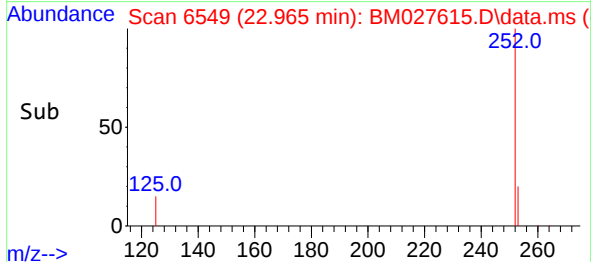
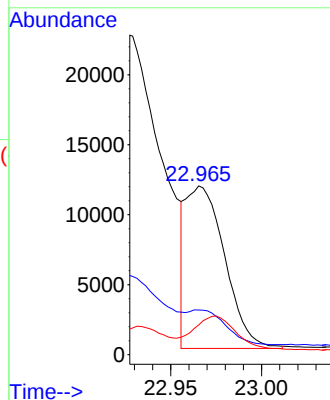
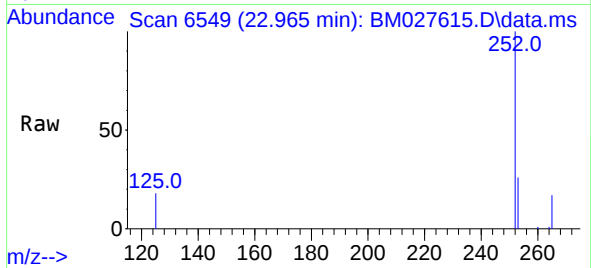
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Benzo(k)fluoranthene
Concen: 0.50 ng/ul m
RT: 22.965 min Scan# 6549
Delta R.T. -0.007 min
Lab File: BM027615.D
Acq: 05 Oct 2020 21:01

Tgt Ion:	252	Resp:	17241
Ion Ratio	Lower	Upper	
252	100		
253	26.5	19.1	28.7
125	17.6	5.0	7.4#

Instrument :
BNA_M
ClientSampleId :
C0AL5

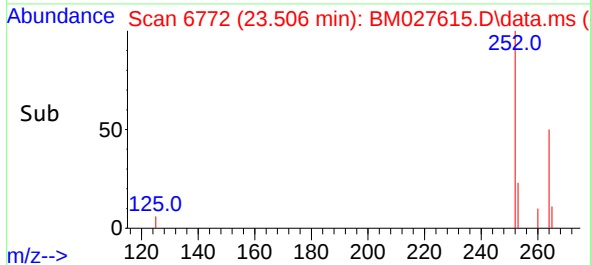
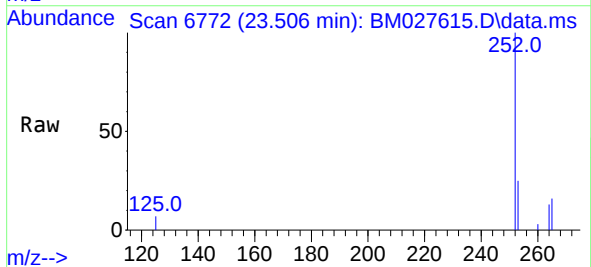
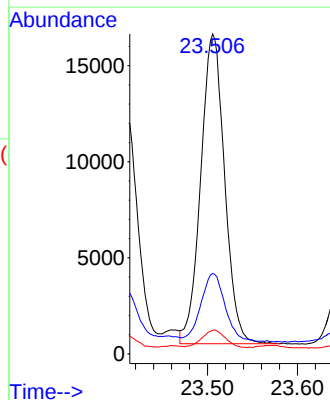
Manual Integrations
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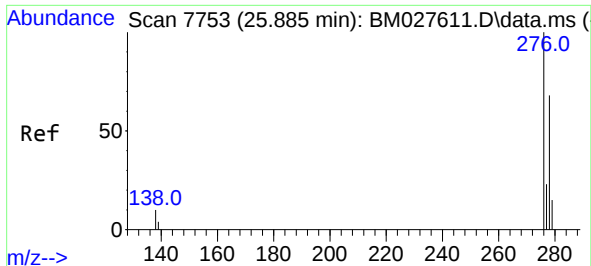
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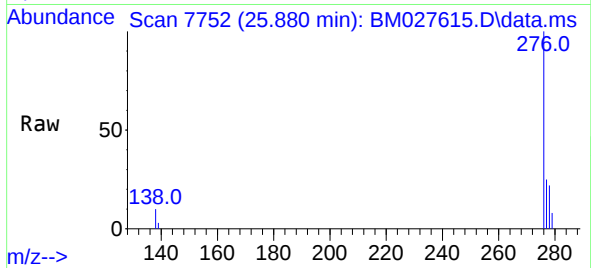
#23
Benzo(a)pyrene
Concen: 1.00 ng/ul
RT: 23.506 min Scan# 6772
Delta R.T. -0.002 min
Lab File: BM027615.D
Acq: 05 Oct 2020 21:01

Tgt Ion:	252	Resp:	29709
Ion Ratio	Lower	Upper	
252	100		
253	25.2	19.6	29.4
125	7.4	5.0	7.6

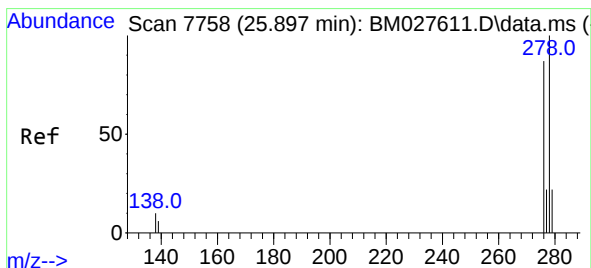
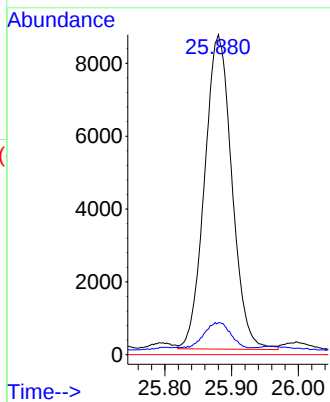
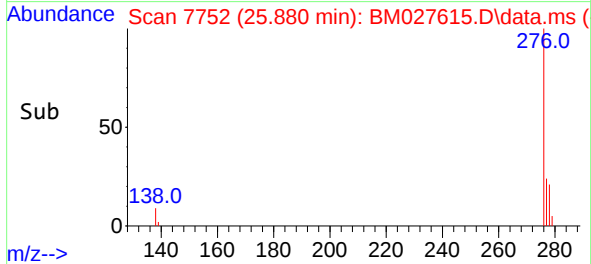




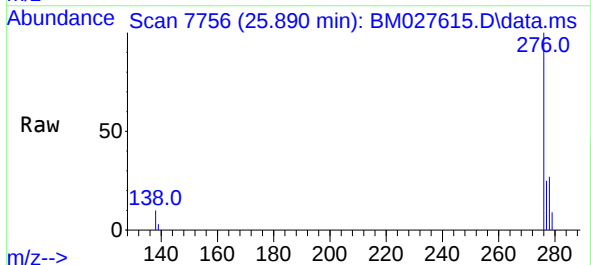
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.64 ng/ul
RT: 25.880 min Scan# 7752
Delta R.T. -0.007 min
Lab File: BM027615.D
Acq: 05 Oct 2020 21:01



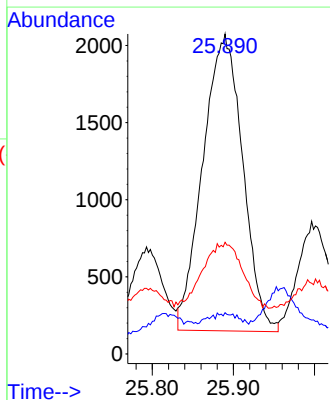
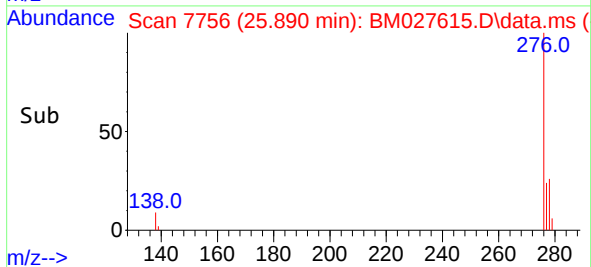
Tgt Ion: 276 Resp: 24531
Ion Ratio Lower Upper
276 100
138 9.0 8.6 12.8
227 0.0 0.0 0.0



#25
Dibenzo(a,h)anthracene
Concen: 0.21 ng/ul
RT: 25.890 min Scan# 7756
Delta R.T. -0.012 min
Lab File: BM027615.D
Acq: 05 Oct 2020 21:01



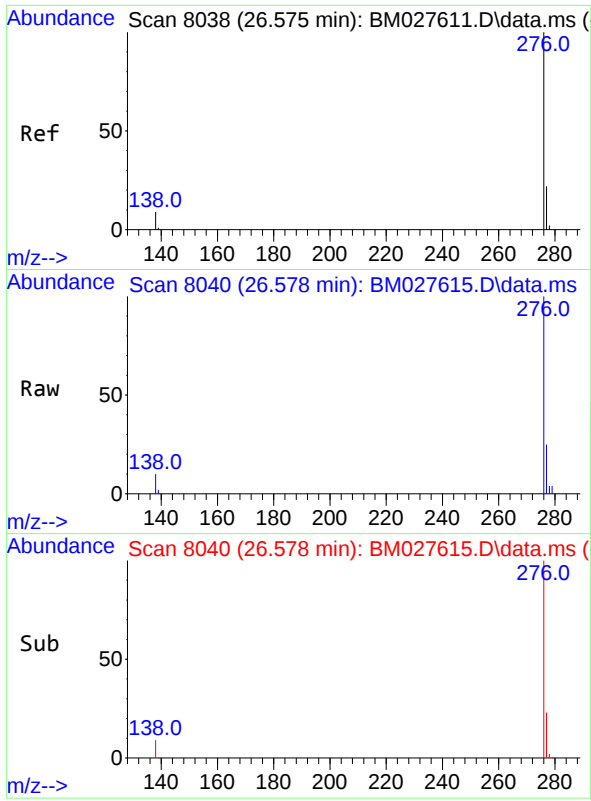
Tgt Ion: 278 Resp: 6547
Ion Ratio Lower Upper
278 100
139 12.9 7.6 11.4#
279 34.9 20.7 31.1#



Instrument :
BNA_M
ClientSampled :
C0AL5

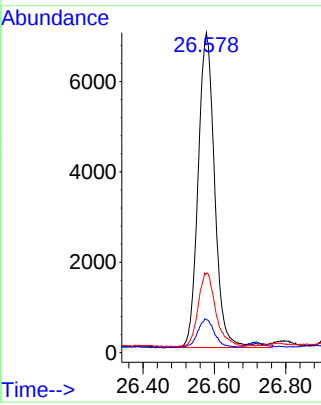
Manual Integrations
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#26
Benzo(g,h,i)perylene
Concen: 0.70 ng/ul
RT: 26.578 min Scan# 8040
Delta R.T. -0.005 min
Lab File: BM027615.D
Acq: 05 Oct 2020 21:01

Tgt Ion:	276	Resp:	22486
Ion	Ratio	Lower	Upper
276	100		
138	10.3	9.0	13.4
277	24.9	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
C0AL5

Manual Integrations
APPROVED

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