

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100520\
 Data File : BM027630.D
 Acq On : 06 Oct 2020 10:16
 Operator : JU/CG
 Sample : L4184-13DL 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AL7DL

Manual Integrations
 APPROVED

mohammad
 10/6/2020 3:24:38 PM

Quant Time: Oct 06 10:47:01 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 : Mon Oct 05 10:43:07 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	1522	0.40	ng/ul	0.00
2) Naphthalene-d8	10.577	136	4435	0.40	ng/ul #	0.00
6) Acenaphthene-d10	14.425	164	3165	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.166	188	8018	0.40	ng/ul	0.00
16) Chrysene-d12	21.345	240	6232	0.40	ng/ul #	0.00
20) Perylene-d12	23.605	264	9812	0.40	ng/ul #	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.164	152	553	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.192	212	1239	0.06	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.626	128	296	0.02	ng/ul#	54
5) 2-Methylnaphthalene	12.241	142	205	0.02	ng/ul	100
7) Acenaphthylene	14.144	152	365	0.02	ng/ul#	68
8) Acenaphthene	14.489	153	249	0.02	ng/ul	94
12) Phenanthrene	17.207	178	8824	0.36	ng/ul	100
13) Anthracene	17.298	178	1858m	0.08	ng/ul	
15) Fluoranthene	19.218	202	16728	0.56	ng/ul	95
17) Pyrene	19.584	202	14808	0.52	ng/ul#	93
18) Benzo(a)anthracene	21.328	228	9870	0.40	ng/ul	97
19) Chrysene	21.379	228	10227	0.40	ng/ul	97
21) Benzo(b)fluoranthene	22.929	252	16274m	0.41	ng/ul	
22) Benzo(k)fluoranthene	22.965	252	6293m	0.15	ng/ul	
23) Benzo(a)pyrene	23.506	252	13483	0.38	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.878	276	9806	0.22	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.892	278	2740	0.07	ng/ul#	62
26) Benzo(g,h,i)perylene	26.575	276	8448	0.22	ng/ul	94

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

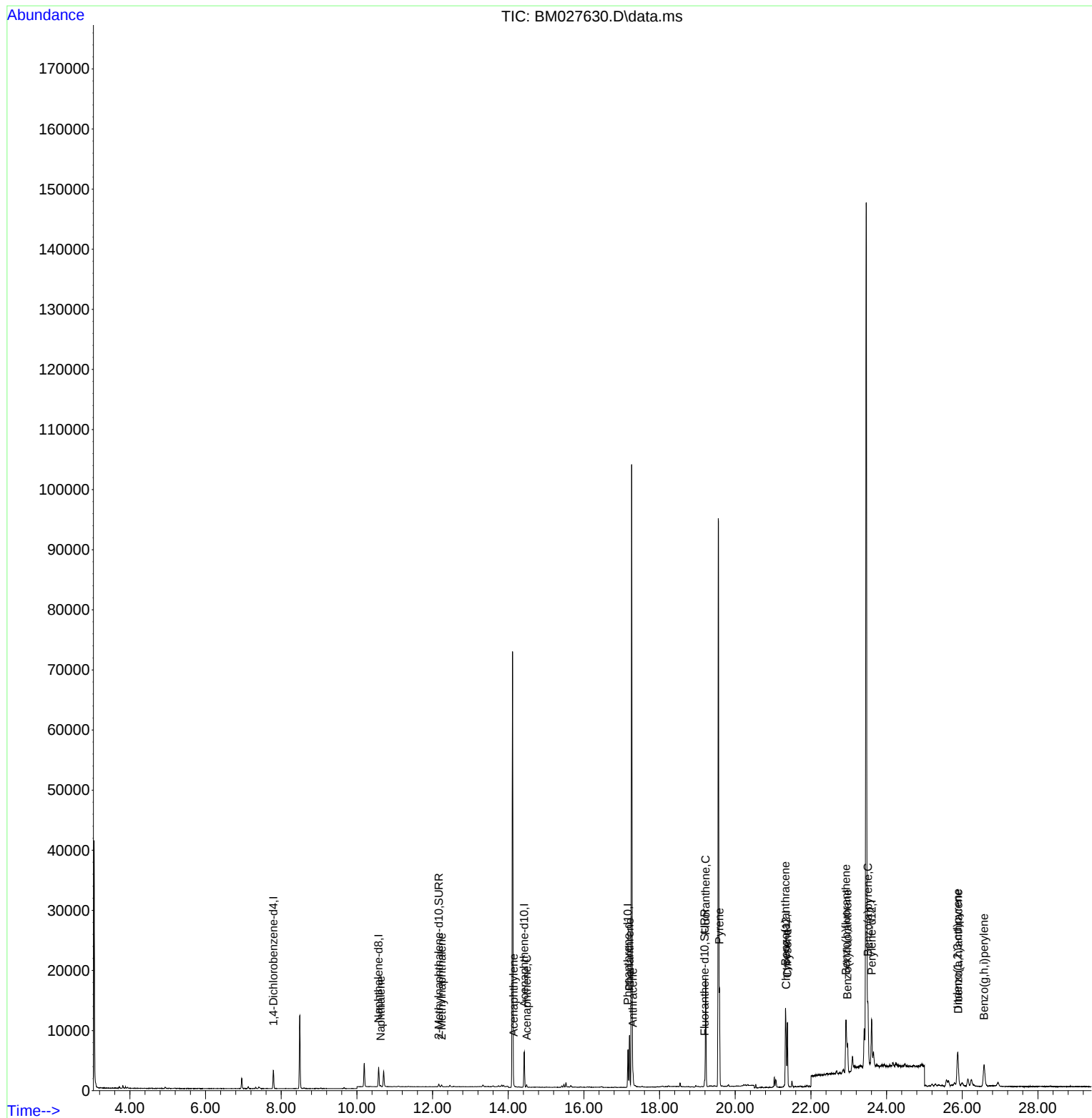
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100520\
Data File : BM027630.D
Acq On : 06 Oct 2020 10:16
Operator : JU/CG
Sample : L4184-13DL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

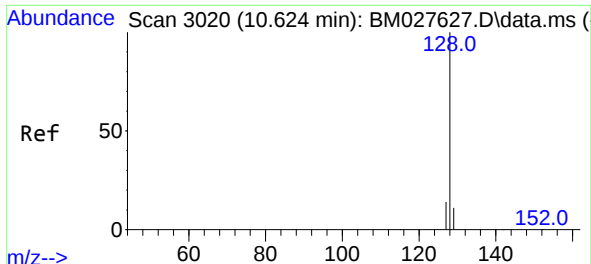
Instrument :
BNA_M
ClientSampleId :
C0AL7DL

Manual Integrations
APPROVED

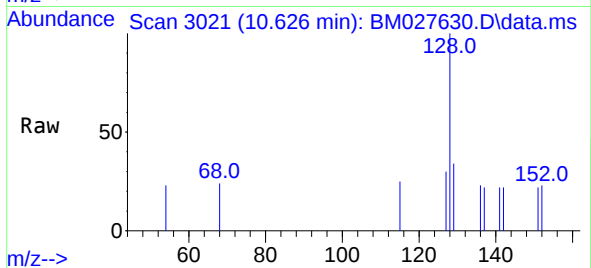
mohammad
10/6/2020 3:24:38 PM

Quant Time: Oct 06 10:47:01 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 : Mon Oct 05 10:43:07 2020
Response via : Initial Calibration

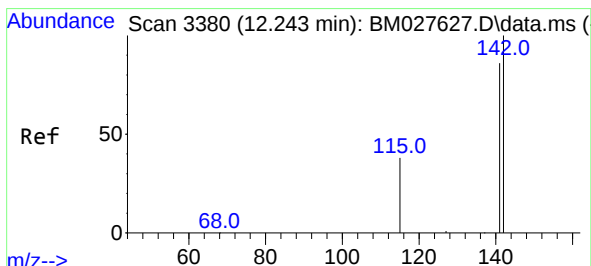
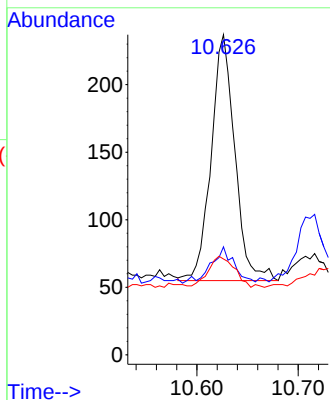
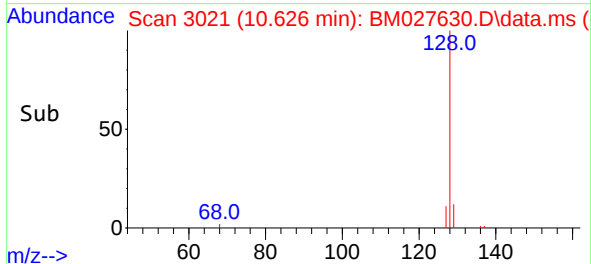




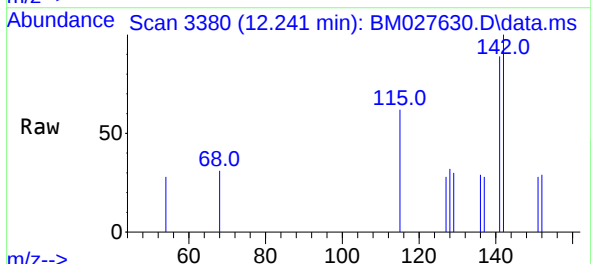
#3
Naphthalene
Concen: 0.02 ng/ul
RT: 10.626 min Scan# 3021
Delta R.T. -0.005 min
Lab File: BM027630.D
Acq: 06 Oct 2020 10:16



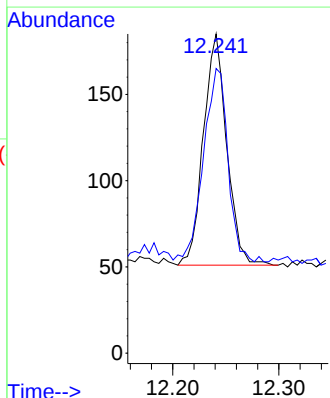
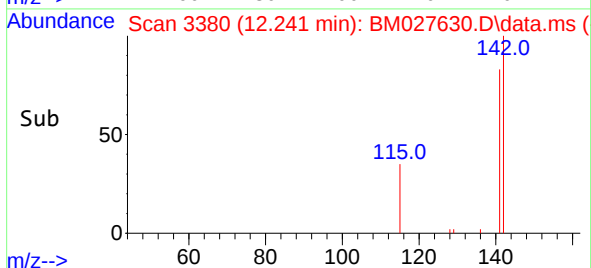
Tgt Ion:128 Resp: 296
Ion Ratio Lower Upper
128 100
129 33.8 9.9 14.9#
127 30.0 11.4 17.2#



#5
2-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.241 min Scan# 3380
Delta R.T. -0.005 min
Lab File: BM027630.D
Acq: 06 Oct 2020 10:16



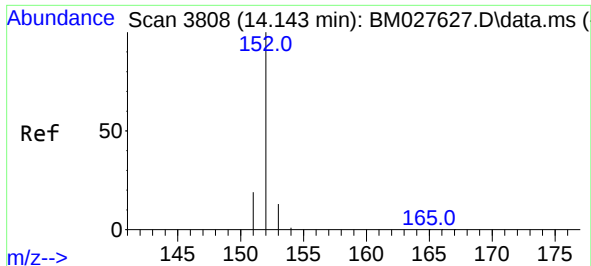
Tgt Ion:142 Resp: 205
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3



Instrument :
BNA_M
ClientSampled :
C0AL7DL

Manual Integrations
APPROVED

mohammad
10/6/2020 3:24:38 PM



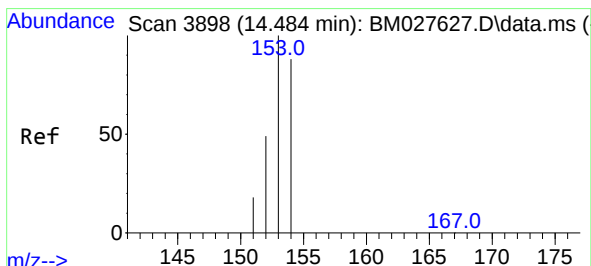
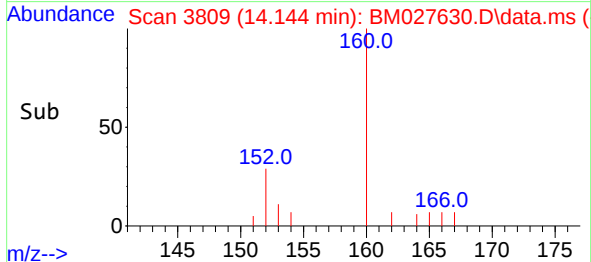
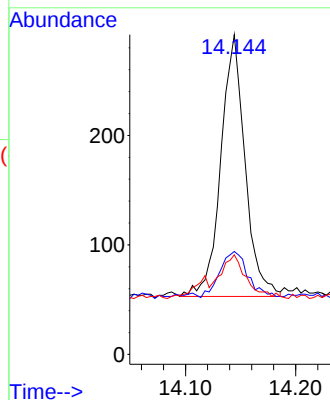
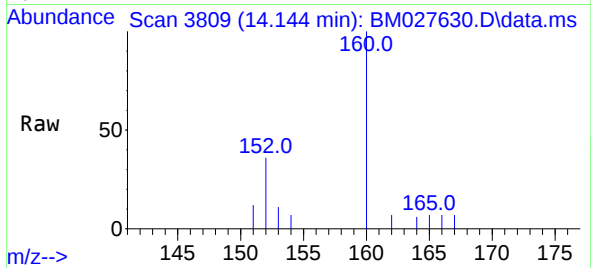
#7
Acenaphthylene
Concen: 0.02 ng/ul
RT: 14.144 min Scan# 3809
Delta R.T. -0.000 min
Lab File: BM027630.D
Acq: 06 Oct 2020 10:16

Tgt Ion:	152	Resp:	365
Ion Ratio	Lower	Upper	
152	100		
151	32.2	16.6	24.8#
153	31.2	11.4	17.0#

Instrument :
BNA_M
ClientSampled :
C0AL7DL

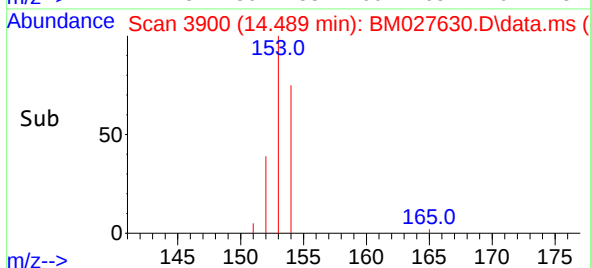
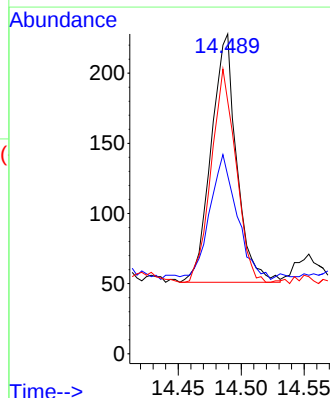
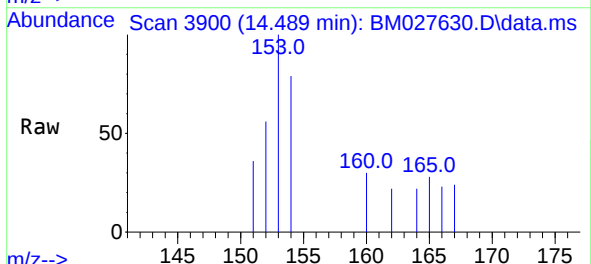
Manual Integrations
APPROVED

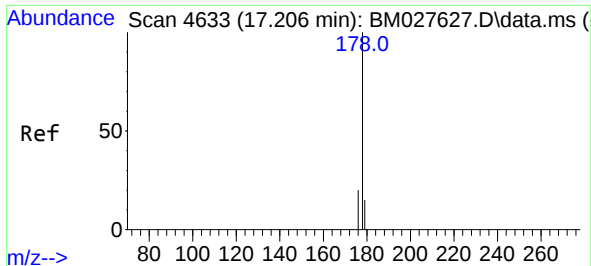
mohammad
10/6/2020 3:24:38 PM



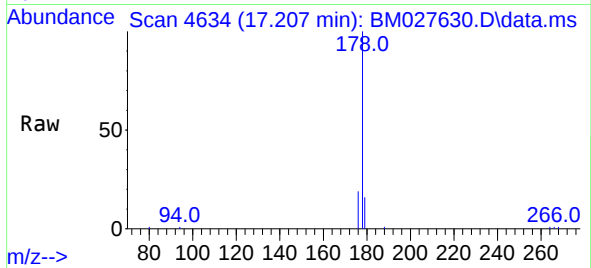
#8
Acenaphthene
Concen: 0.02 ng/ul
RT: 14.489 min Scan# 3900
Delta R.T. 0.004 min
Lab File: BM027630.D
Acq: 06 Oct 2020 10:16

Tgt Ion:	153	Resp:	249
Ion Ratio	Lower	Upper	
153	100		
152	55.7	42.8	64.2
154	78.9	69.0	103.6



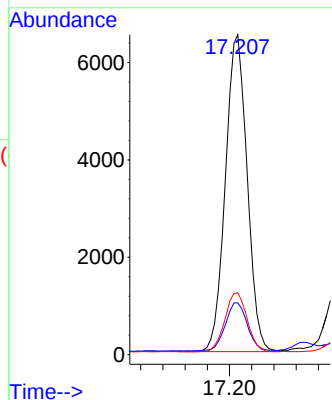


#12
Phenanthrene
Concen: 0.36 ng/ul
RT: 17.207 min Scan# 4634
Delta R.T. -0.000 min
Lab File: BM027630.D
Acq: 06 Oct 2020 10:16



Tgt Ion:178 Resp: 8824

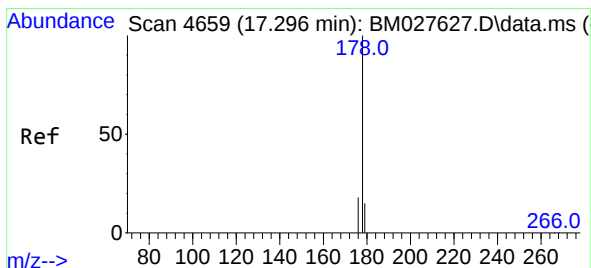
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	19.3	15.3	22.9



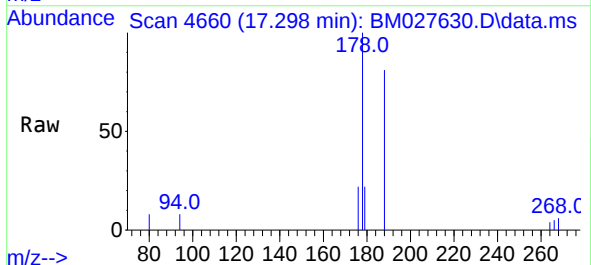
Instrument :
BNA_M
ClientSampled :
C0AL7DL

Manual Integrations
APPROVED

mohammad
10/6/2020 3:24:38 PM

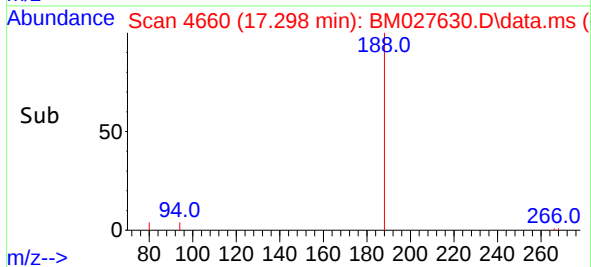
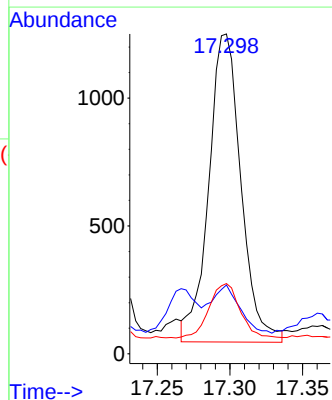


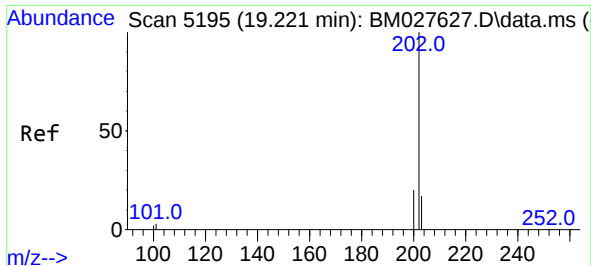
#13
Anthracene
Concen: 0.08 ng/ul m
RT: 17.298 min Scan# 4660
Delta R.T. -0.000 min
Lab File: BM027630.D
Acq: 06 Oct 2020 10:16



Tgt Ion:178 Resp: 1858

Ion	Ratio	Lower	Upper
178	100		
179	21.5	13.0	19.4#
176	22.0	15.2	22.8





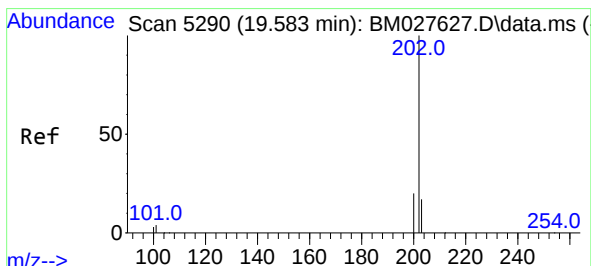
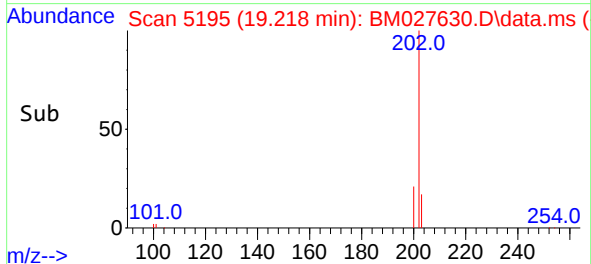
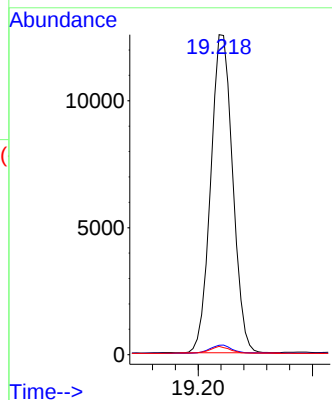
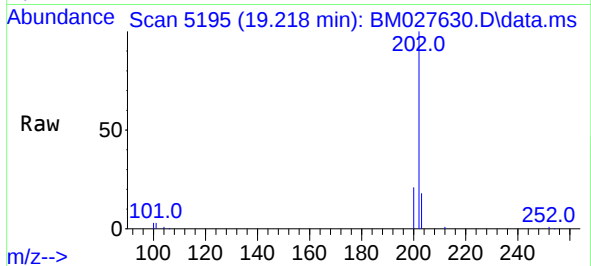
#15
Fluoranthene
Concen: 0.56 ng/ul
RT: 19.218 min Scan# 5195
Delta R.T. -0.004 min
Lab File: BM027630.D
Acq: 06 Oct 2020 10:16

Tgt Ion:	202	Resp:	16728
Ion Ratio	Lower	Upper	
202	100		
101	3.0	0.0	24.9
100	2.6	0.0	24.1

Instrument :
BNA_M
ClientSampleId :
C0AL7DL

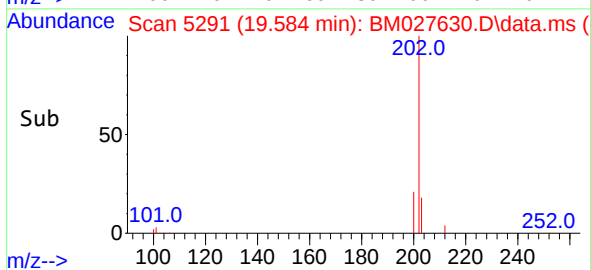
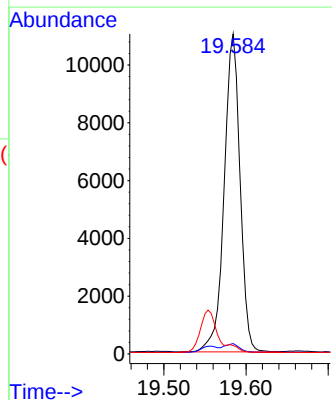
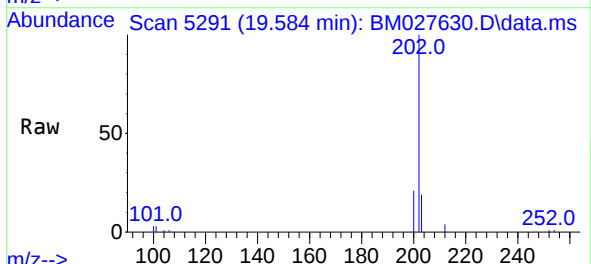
Manual Integrations
APPROVED

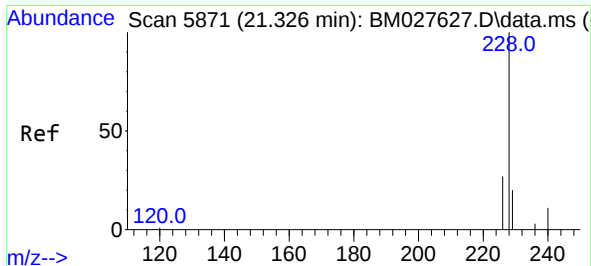
mohammad
10/6/2020 3:24:38 PM



#17
Pyrene
Concen: 0.52 ng/ul
RT: 19.584 min Scan# 5291
Delta R.T. -0.000 min
Lab File: BM027630.D
Acq: 06 Oct 2020 10:16

Tgt Ion:	202	Resp:	14808
Ion Ratio	Lower	Upper	
202	100		
101	3.2	4.7	7.1#
100	2.6	3.9	5.9#





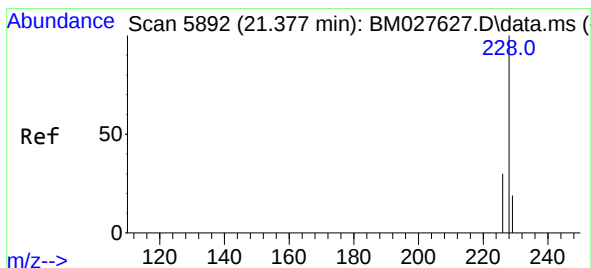
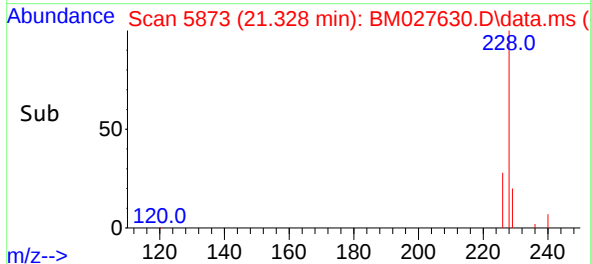
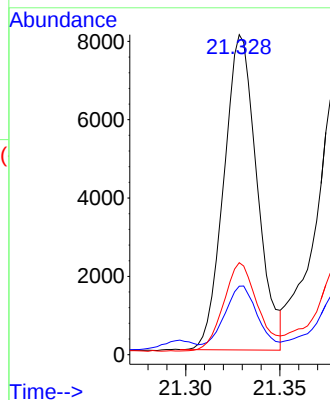
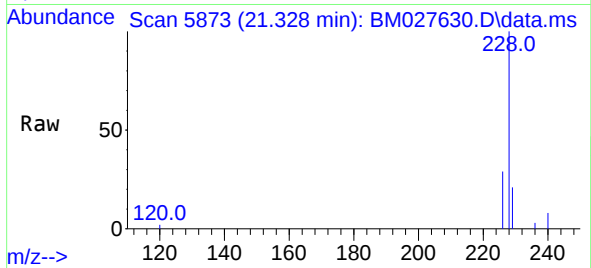
#18
Benzo(a)anthracene
Concen: 0.40 ng/ul
RT: 21.328 min Scan# 5873
Delta R.T. -0.002 min
Lab File: BM027630.D
Acq: 06 Oct 2020 10:16

Tgt Ion:	228	Resp:	9870
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.6	23.4
226	28.7	21.8	32.8

Instrument :
BNA_M
ClientSampled :
C0AL7DL

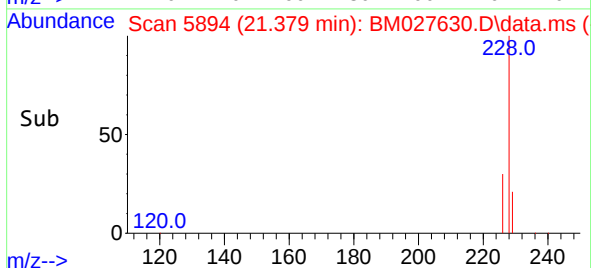
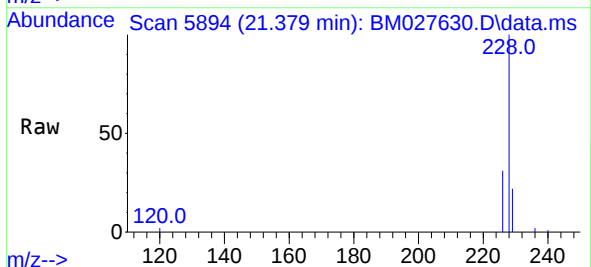
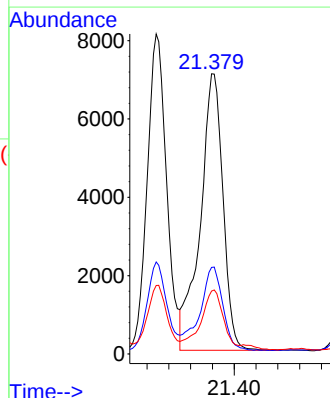
Manual Integrations
APPROVED

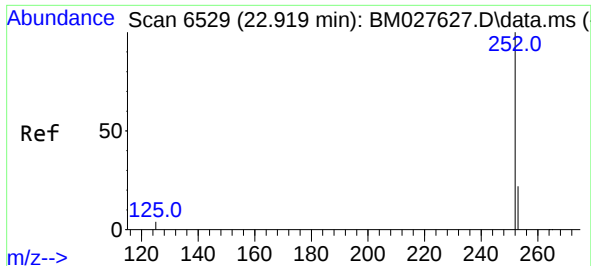
mohammad
10/6/2020 3:24:38 PM



#19
Chrysene
Concen: 0.40 ng/ul
RT: 21.379 min Scan# 5894
Delta R.T. -0.002 min
Lab File: BM027630.D
Acq: 06 Oct 2020 10:16

Tgt Ion:	228	Resp:	10227
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.2	36.4
229	22.4	15.8	23.8





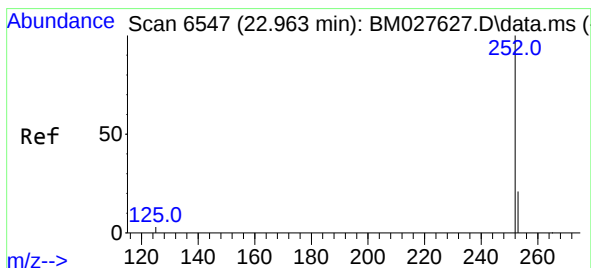
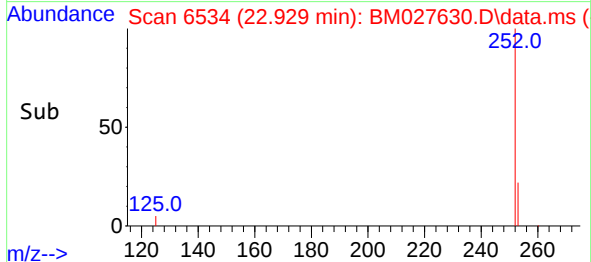
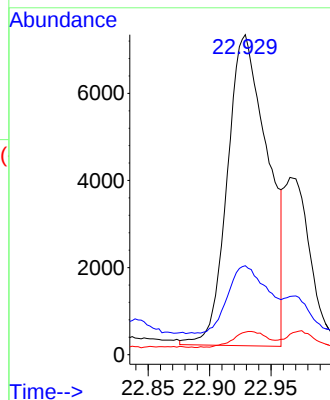
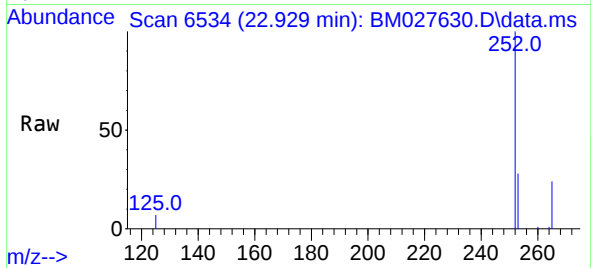
#21
Benzo(b)fluoranthene
Concen: 0.41 ng/ul m
RT: 22.929 min Scan# 6534
Delta R.T. 0.002 min
Lab File: BM027630.D
Acq: 06 Oct 2020 10:16

Tgt Ion:	252	Resp:	16274
Ion Ratio	Lower	Upper	
252	100		
253	27.8	0.0	48.2
125	7.1	0.0	10.6

Instrument :
BNA_M
ClientSampleId :
C0AL7DL

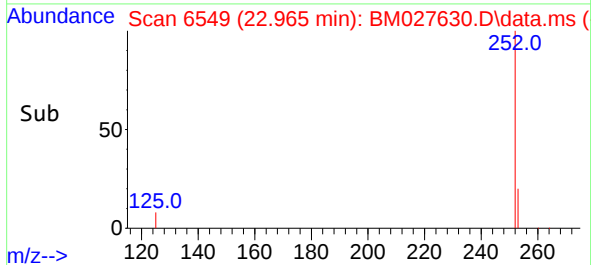
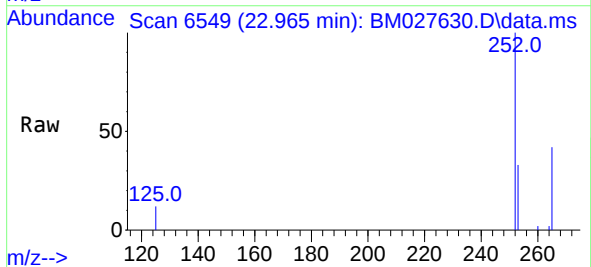
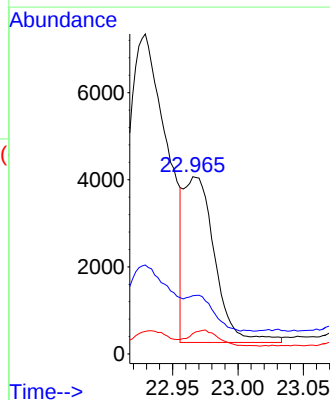
Manual Integrations
APPROVED

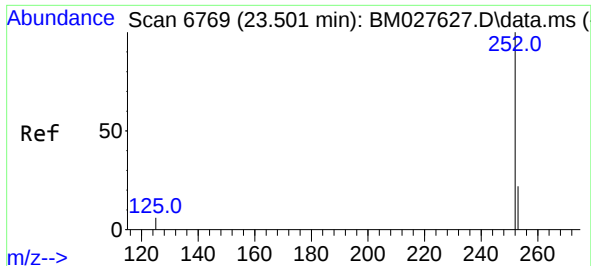
mohammad
10/6/2020 3:24:38 PM



#22
Benzo(k)fluoranthene
Concen: 0.15 ng/ul m
RT: 22.965 min Scan# 6549
Delta R.T. -0.007 min
Lab File: BM027630.D
Acq: 06 Oct 2020 10:16

Tgt Ion:	252	Resp:	6293
Ion Ratio	Lower	Upper	
252	100		
253	32.8	19.1	28.7#
125	11.6	5.0	7.4#





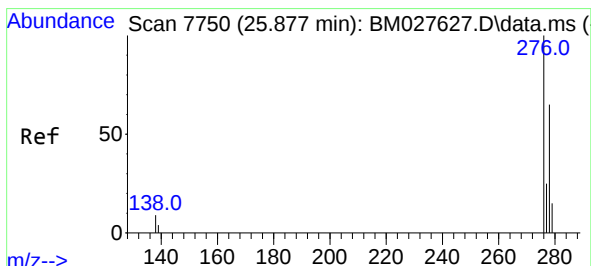
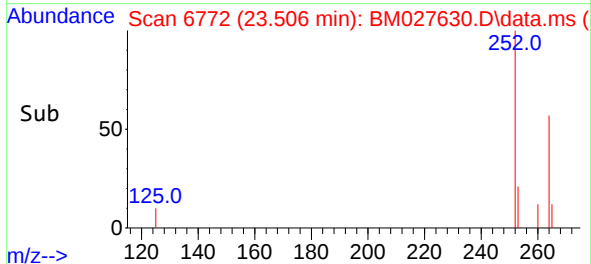
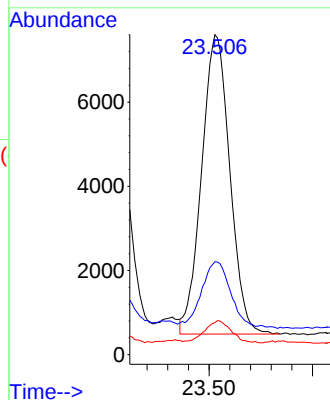
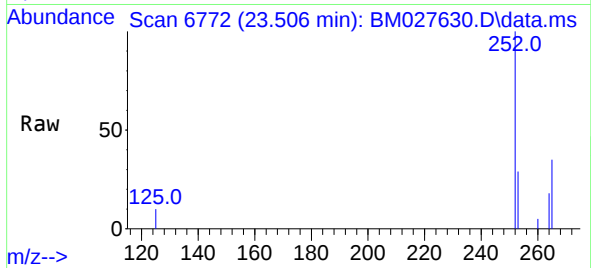
#23
Benzo(a)pyrene
Concen: 0.38 ng/u1
RT: 23.506 min Scan# 6772
Delta R.T. -0.002 min
Lab File: BM027630.D
Acq: 06 Oct 2020 10:16

Tgt Ion:	252	Resp:	13483
Ion Ratio	Lower	Upper	
252	100		
253	29.0	19.6	29.4
125	10.0	5.0	7.6#

Instrument :
BNA_M
ClientSampleId :
C0AL7DL

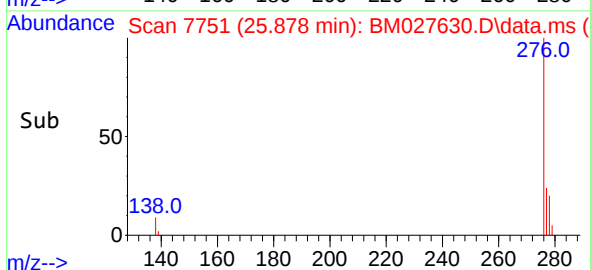
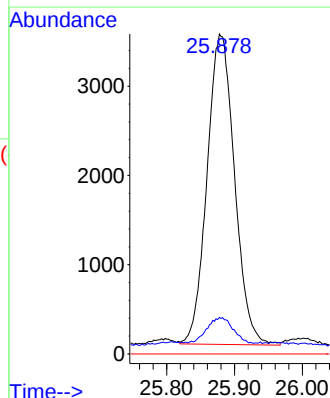
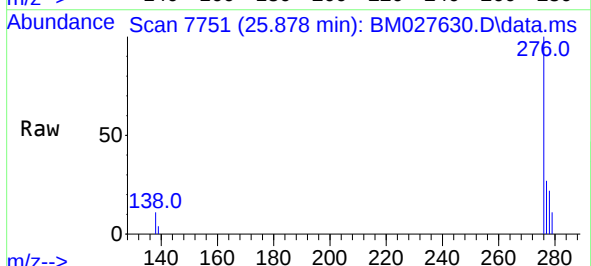
Manual Integrations
APPROVED

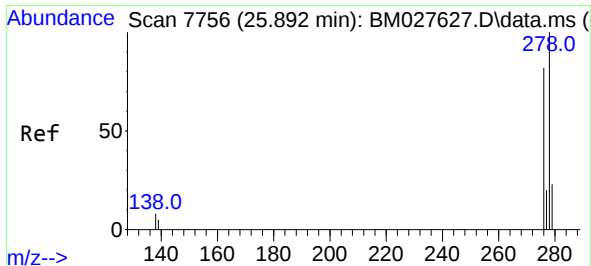
mohammad
10/6/2020 3:24:38 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.22 ng/u1
RT: 25.878 min Scan# 7751
Delta R.T. -0.010 min
Lab File: BM027630.D
Acq: 06 Oct 2020 10:16

Tgt Ion:	276	Resp:	9806
Ion Ratio	Lower	Upper	
276	100		
138	8.4	8.6	12.8#
227	0.0	0.0	0.0





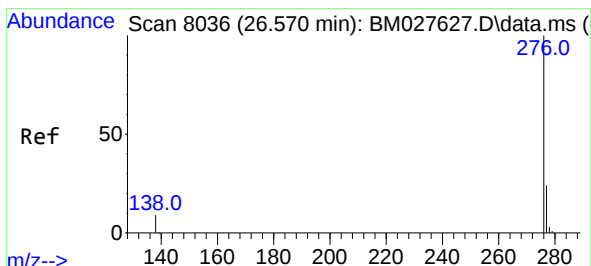
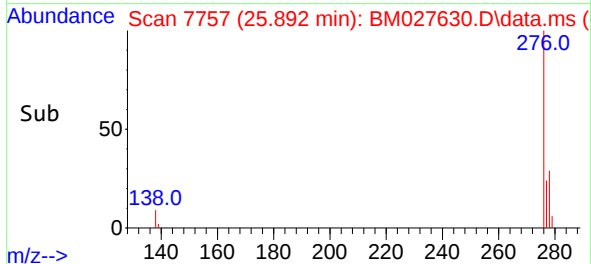
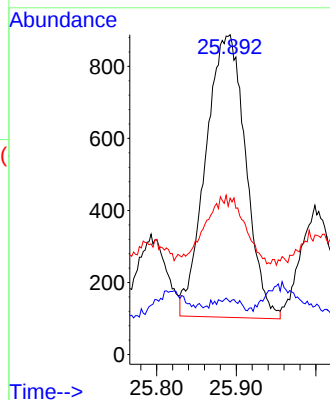
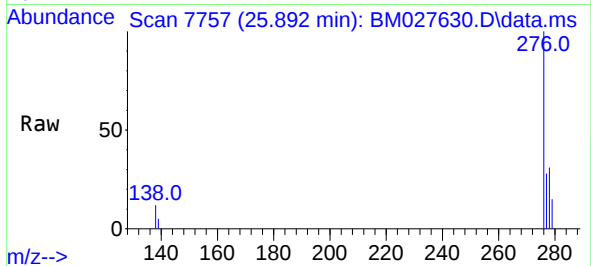
#25
Dibenzo(a,h)anthracene
Concen: 0.07 ng/ul
RT: 25.892 min Scan# 7757
Delta R.T. -0.010 min
Lab File: BM027630.D
Acq: 06 Oct 2020 10:16

Tgt Ion:278 Resp: 2740
Ion Ratio Lower Upper
278 100
139 16.4 7.6 11.4#
279 48.9 20.7 31.1#

Instrument :
BNA_M
ClientSampled :
C0AL7DL

Manual Integrations
APPROVED

mohammad
10/6/2020 3:24:38 PM



#26
Benzo(g,h,i)perylene
Concen: 0.22 ng/ul
RT: 26.575 min Scan# 8039
Delta R.T. -0.007 min
Lab File: BM027630.D
Acq: 06 Oct 2020 10:16

Tgt Ion:276 Resp: 8448
Ion Ratio Lower Upper
276 100
138 11.2 9.0 13.4
277 28.3 19.4 29.0

