

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100520\
 Data File : BM027608.D
 Acq On : 05 Oct 2020 16:06
 Operator : JU/CG
 Sample : L4166-08DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9DL

Manual Integrations
 APPROVED

mohammad
 10/6/2020 3:23:44 PM

Quant Time: Oct 05 16:37:40 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 15:37:55 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	1254	0.40	ng/ul	0.00
2) Naphthalene-d8	10.579	136	3629	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.427	164	2501	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.168	188	6223	0.40	ng/ul	0.00
16) Chrysene-d12	21.348	240	6614	0.40	ng/ul	0.00
20) Perylene-d12	23.607	264	6810	0.40	ng/ul	# 0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.171	152	197	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.194	212	631	0.04	ng/ul	0.00
Target Compounds						
						Qvalue
3) Naphthalene	10.628	128	891	0.08	ng/ul#	83
7) Acenaphthylene	14.143	152	294	0.02	ng/ul#	51
8) Acenaphthene	14.488	153	4924	0.54	ng/ul	97
9) Fluorene	15.473	166	2050	0.18	ng/ul#	97
12) Phenanthrene	17.206	178	4208	0.22	ng/ul	97
13) Anthracene	17.299	178	4787	0.25	ng/ul	99
15) Fluoranthene	19.224	202	26399	1.14	ng/ul	97
17) Pyrene	19.587	202	19310	0.64	ng/ul#	96
18) Benzo(a)anthracene	21.331	228	6495	0.25	ng/ul	98
19) Chrysene	21.384	228	8857	0.33	ng/ul	99
21) Benzo(b)fluoranthene	22.931	252	6470m	0.24	ng/ul	
22) Benzo(k)fluoranthene	22.970	252	2777m	0.10	ng/ul	
23) Benzo(a)pyrene	23.510	252	3786	0.15	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.887	276	1977	0.06	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.899	278	643	0.02	ng/ul#	1
26) Benzo(g,h,i)perylene	26.578	276	1727	0.06	ng/ul#	79

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

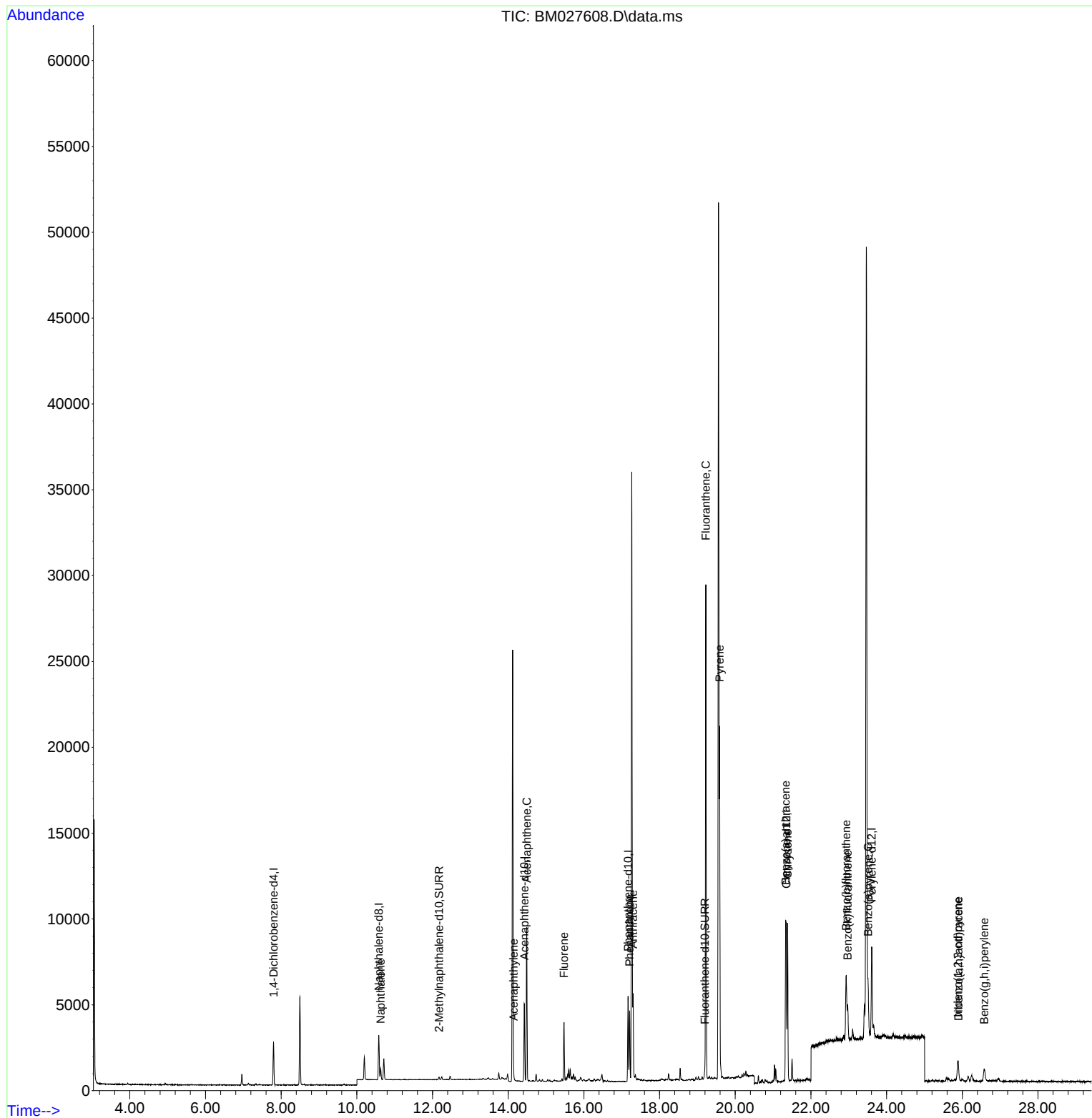
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100520\
Data File : BM027608.D
Acq On : 05 Oct 2020 16:06
Operator : JU/CG
Sample : L4166-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

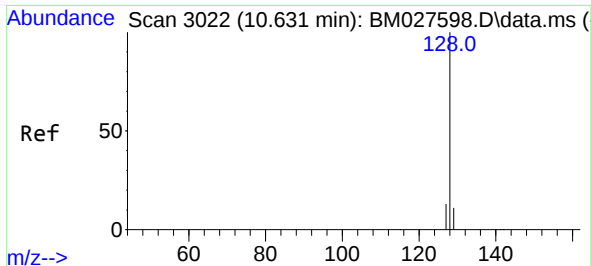
Instrument :
BNA_M
ClientSampleId :
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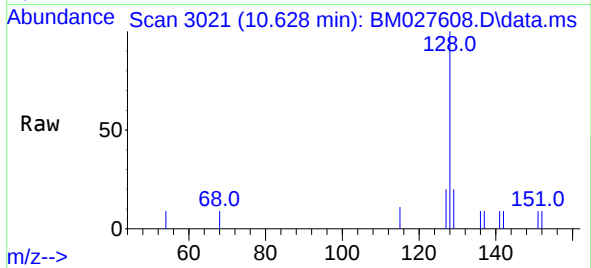
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Quant Time: Oct 05 16:37:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 15:37:55 2020
Response via : Initial Calibration

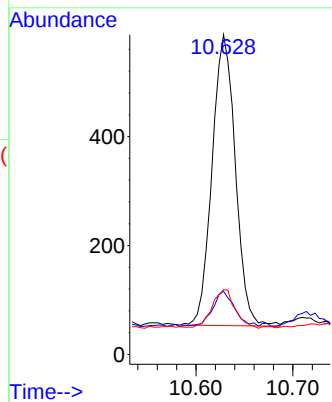
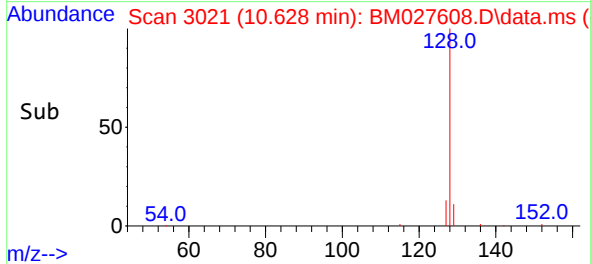




#3
Naphthalene
Concen: 0.08 ng/ul
RT: 10.628 min Scan# 3021
Delta R.T. -0.002 min
Lab File: BM027608.D
Acq: 05 Oct 2020 16:06



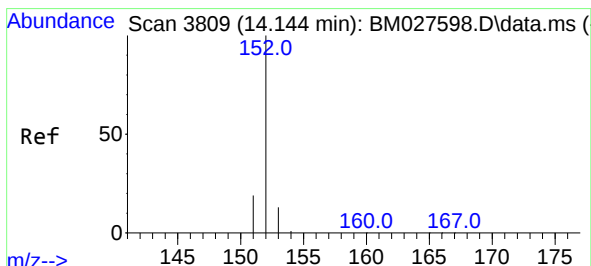
Tgt Ion:128 Resp: 891
Ion Ratio Lower Upper
128 100
129 19.8 9.9 14.9#
127 20.3 11.4 17.2#



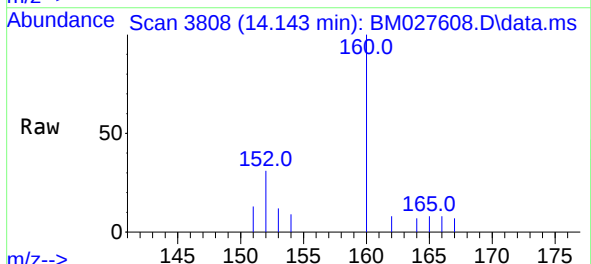
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BNA_M
ClientSampleID :
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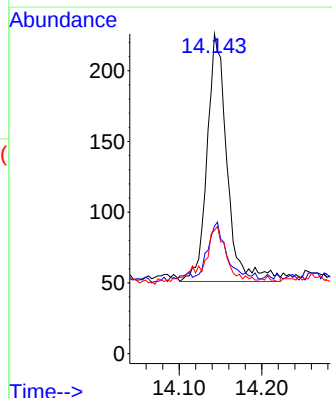
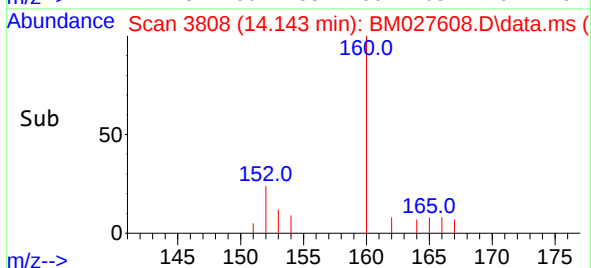
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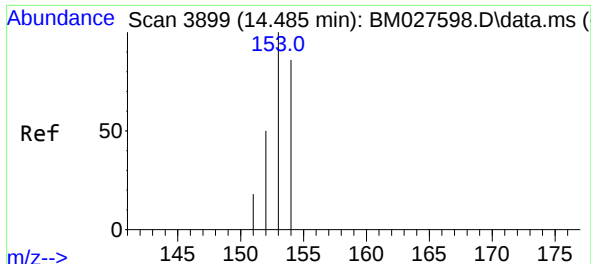


#7
Acenaphthylene
Concen: 0.02 ng/ul
RT: 14.143 min Scan# 3808
Delta R.T. -0.002 min
Lab File: BM027608.D
Acq: 05 Oct 2020 16:06



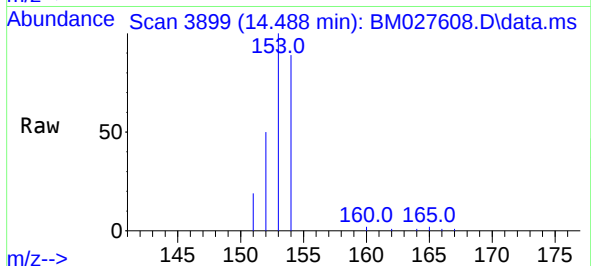
Tgt Ion:152 Resp: 294
Ion Ratio Lower Upper
152 100
151 39.8 16.6 24.8#
153 38.5 11.4 17.0#





#8
Acenaphthene
Concen: 0.54 ng/ul
RT: 14.488 min Scan# 3899
Delta R.T. 0.002 min
Lab File: BM027608.D
Acq: 05 Oct 2020 16:06

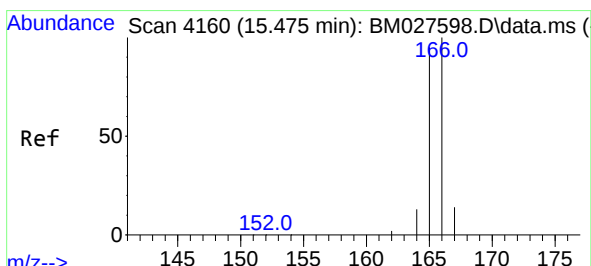
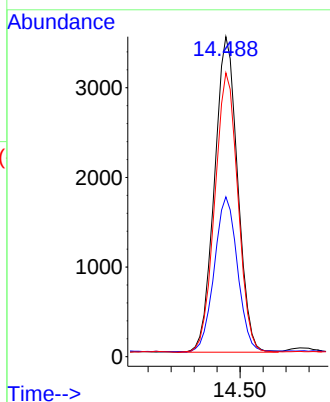
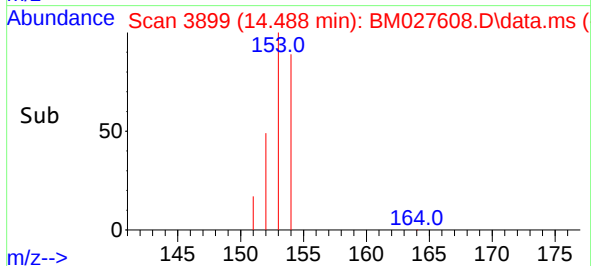
Instrument :
BNA_M
ClientSampled :
C0AC9DL



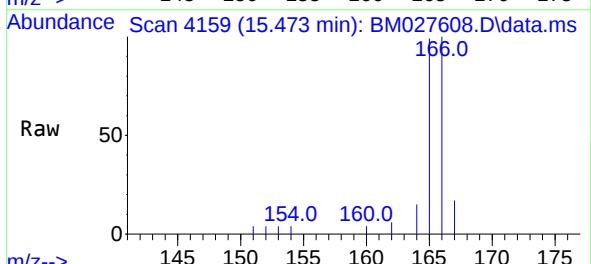
Tgt Ion:153 Resp: 4924
Ion Ratio Lower Upper
153 100
152 50.0 42.8 64.2
154 88.7 69.0 103.6

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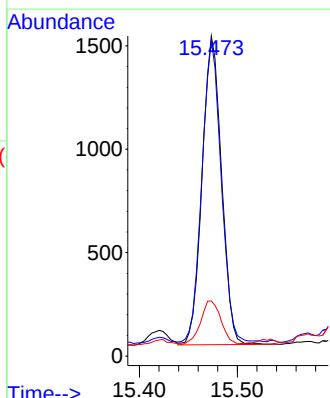
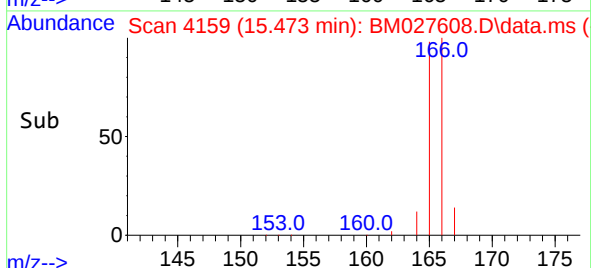
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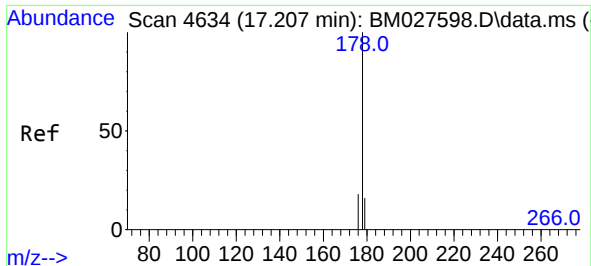


#9
Fluorene
Concen: 0.18 ng/ul
RT: 15.473 min Scan# 4159
Delta R.T. -0.002 min
Lab File: BM027608.D
Acq: 05 Oct 2020 16:06



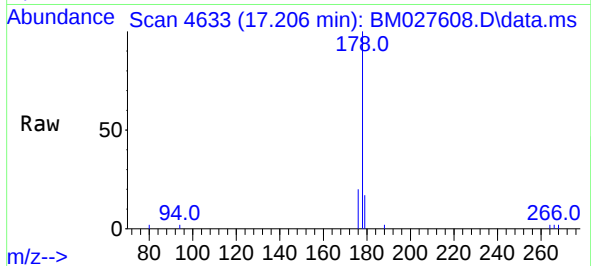
Tgt Ion:166 Resp: 2050
Ion Ratio Lower Upper
166 100
165 98.6 77.2 115.8
167 17.2 11.1 16.7#





#12
Phenanthrene
Concen: 0.22 ng/ul
RT: 17.206 min Scan# 4633
Delta R.T. -0.002 min
Lab File: BM027608.D
Acq: 05 Oct 2020 16:06

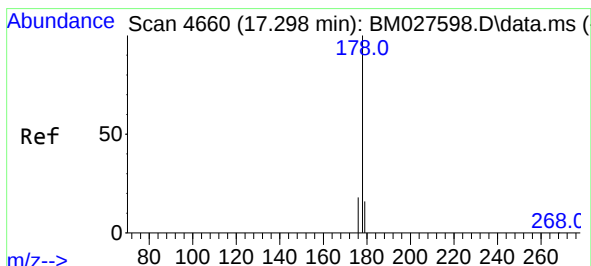
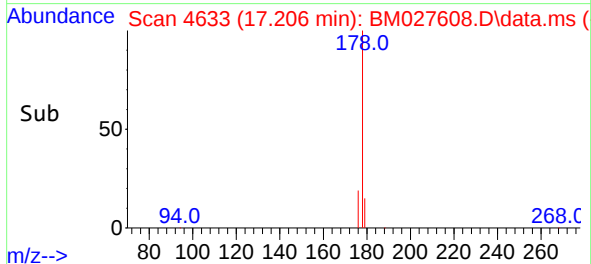
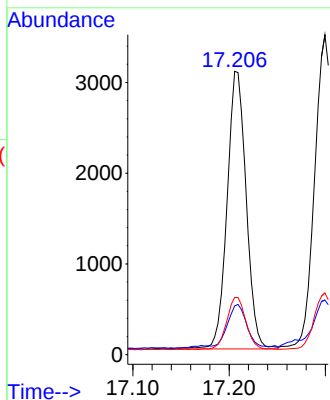
Instrument :
BNA_M
ClientSampled :
C0AC9DL



Tgt Ion:178 Resp: 4208
Ion Ratio Lower Upper
178 100
179 17.2 12.9 19.3
176 20.2 15.3 22.9

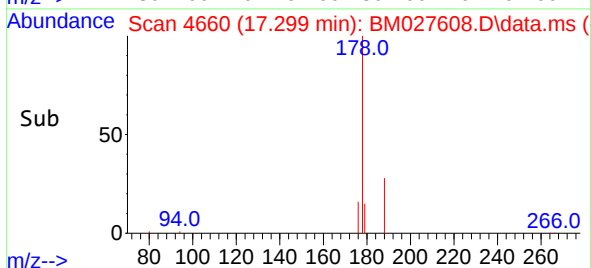
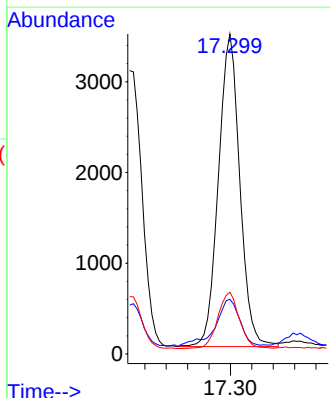
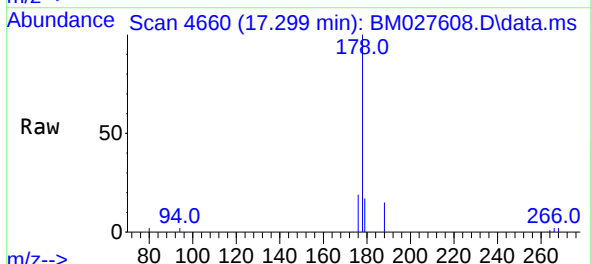
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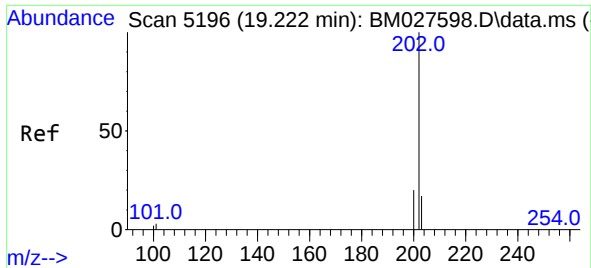
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#13
Anthracene
Concen: 0.25 ng/ul
RT: 17.299 min Scan# 4660
Delta R.T. 0.002 min
Lab File: BM027608.D
Acq: 05 Oct 2020 16:06

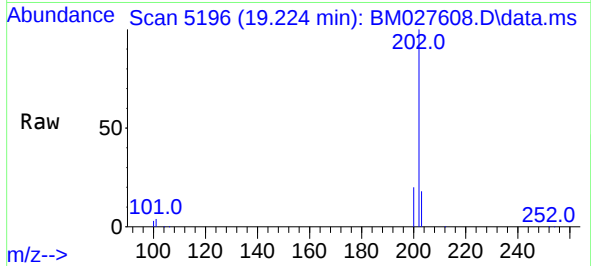
Tgt Ion:178 Resp: 4787
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.4
176 19.3 15.2 22.8





#15
Fluoranthene
Concen: 1.14 ng/ul
RT: 19.224 min Scan# 5196
Delta R.T. 0.002 min
Lab File: BM027608.D
Acq: 05 Oct 2020 16:06

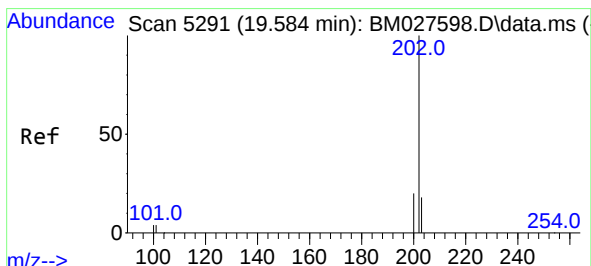
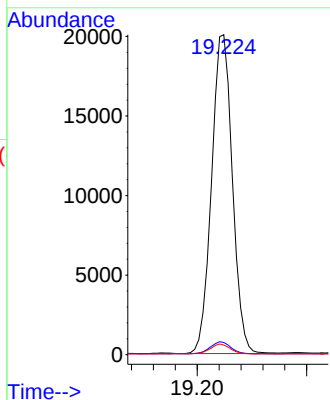
Instrument :
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ClientSampleId :
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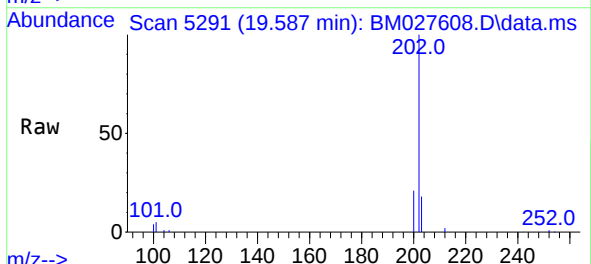
Tgt Ion	Ratio	Lower	Upper
202	100		
101	3.8	0.0	24.9
100	3.0	0.0	24.1

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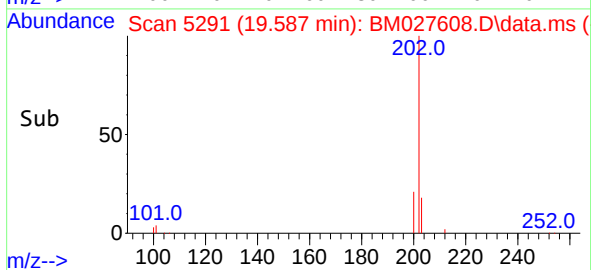
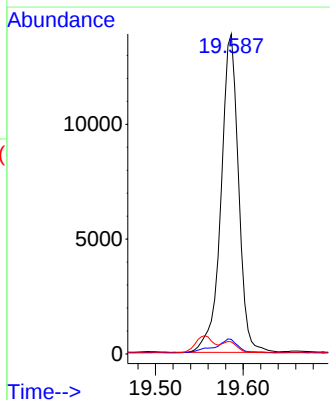
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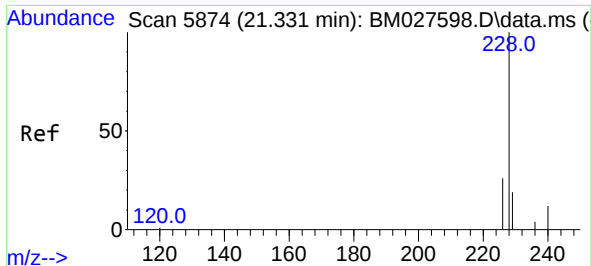


#17
Pyrene
Concen: 0.64 ng/ul
RT: 19.587 min Scan# 5291
Delta R.T. 0.002 min
Lab File: BM027608.D
Acq: 05 Oct 2020 16:06



Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.6	4.7	7.1#
100	3.8	3.9	5.9#





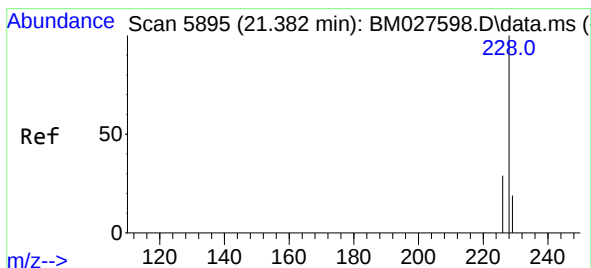
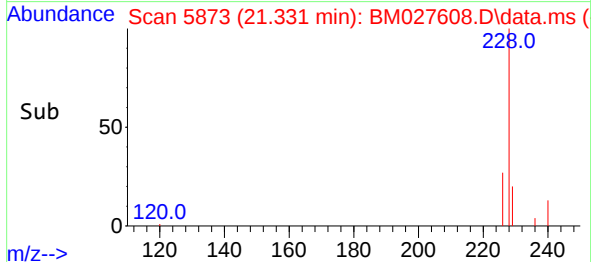
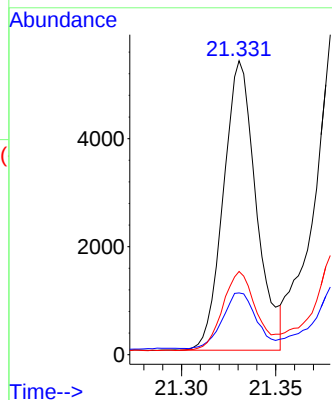
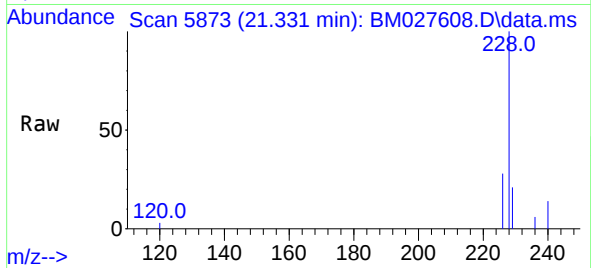
#18
Benzo(a)anthracene
Concen: 0.25 ng/ul
RT: 21.331 min Scan# 5873
Delta R.T. -0.000 min
Lab File: BM027608.D
Acq: 05 Oct 2020 16:06

Tgt Ion:	228	Resp:	6495
Ion Ratio	Lower	Upper	
228	100		
229	21.0	15.6	23.4
226	28.3	21.8	32.8

Instrument :
BNA_M
ClientSampled :
C0AC9DL

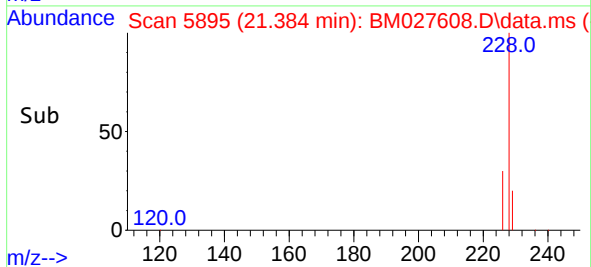
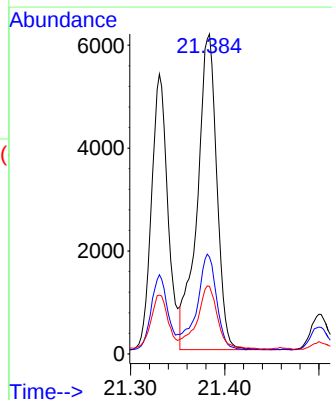
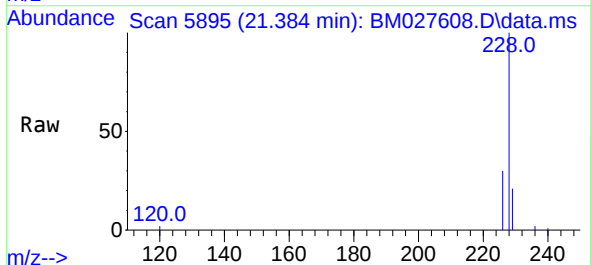
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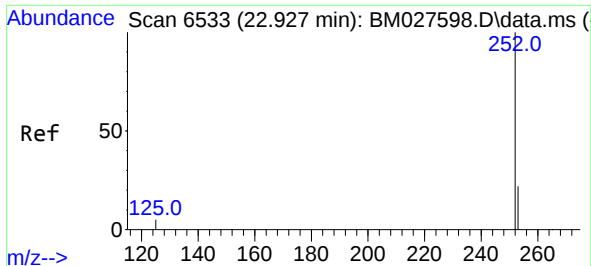
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#19
Chrysene
Concen: 0.33 ng/ul
RT: 21.384 min Scan# 5895
Delta R.T. 0.002 min
Lab File: BM027608.D
Acq: 05 Oct 2020 16:06

Tgt Ion:	228	Resp:	8857
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.2	36.4
229	21.1	15.8	23.8





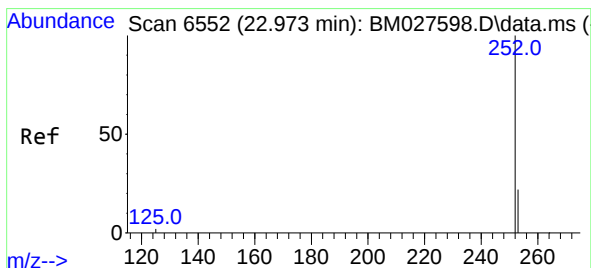
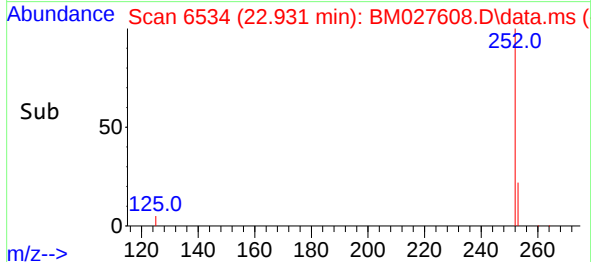
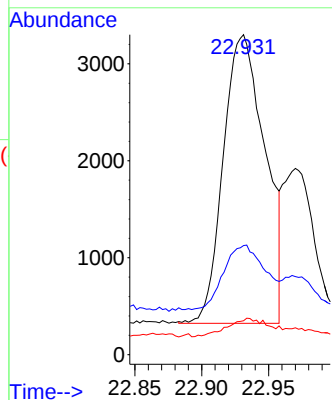
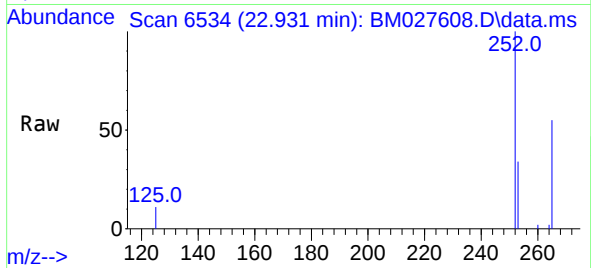
#21
Benzo(b)fluoranthene
Concen: 0.24 ng/ul m
RT: 22.931 min Scan# 6534
Delta R.T. 0.005 min
Lab File: BM027608.D
Acq: 05 Oct 2020 16:06

Tgt Ion:252 Resp: 6470
Ion Ratio Lower Upper
252 100
253 34.1 0.0 48.2
125 10.6 0.0 10.6#

Instrument :
BNA_M
ClientSampleId :
C0AC9DL

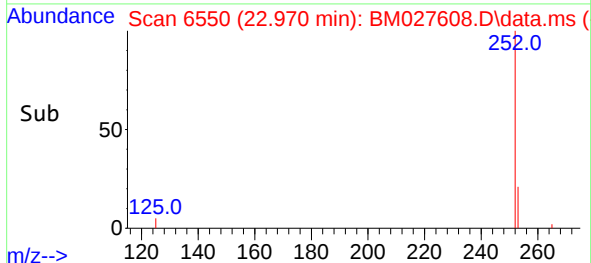
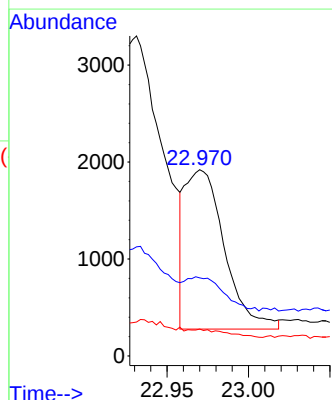
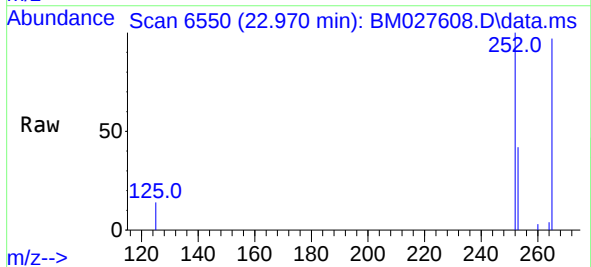
Manual Integrations
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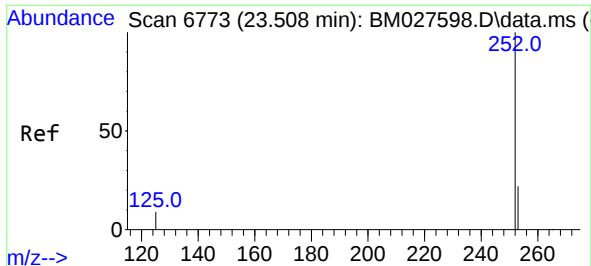
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#22
Benzo(k)fluoranthene
Concen: 0.10 ng/ul m
RT: 22.970 min Scan# 6550
Delta R.T. -0.003 min
Lab File: BM027608.D
Acq: 05 Oct 2020 16:06

Tgt Ion:252 Resp: 2777
Ion Ratio Lower Upper
252 100
253 41.9 19.1 28.7#
125 14.5 5.0 7.4#





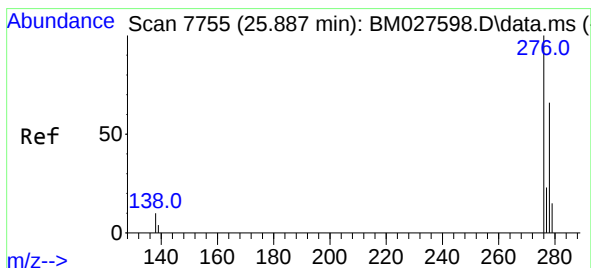
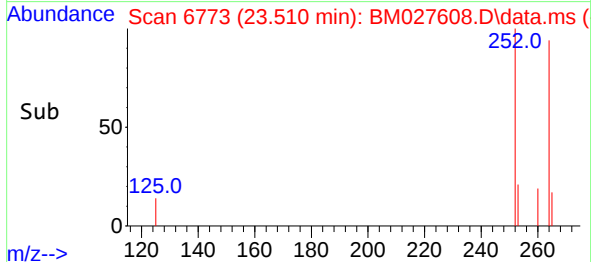
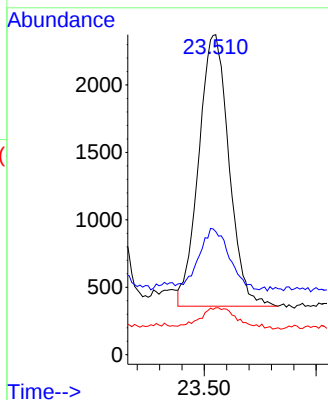
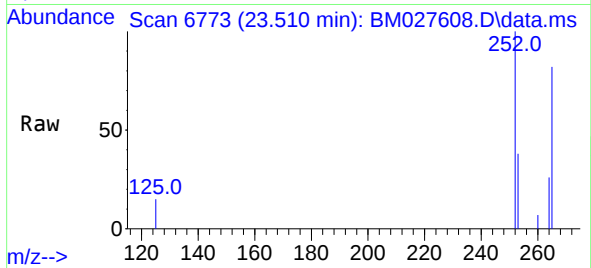
#23
Benzo(a)pyrene
Concen: 0.15 ng/ul
RT: 23.510 min Scan# 6773
Delta R.T. 0.002 min
Lab File: BM027608.D
Acq: 05 Oct 2020 16:06

Tgt Ion:	252	Resp:	3786
Ion Ratio	Lower	Upper	
252	100		
253	38.4	19.6	29.4#
125	14.7	5.0	7.6#

Instrument :
BNA_M
ClientSampled :
C0AC9DL

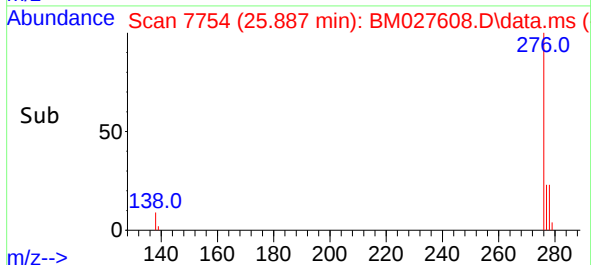
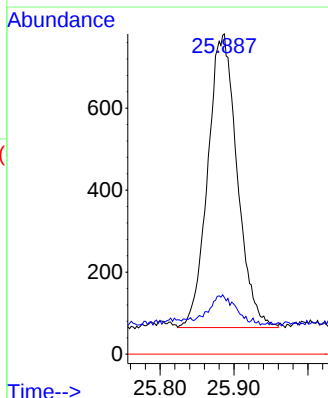
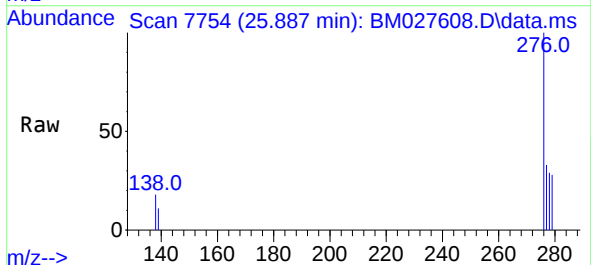
Manual Integrations
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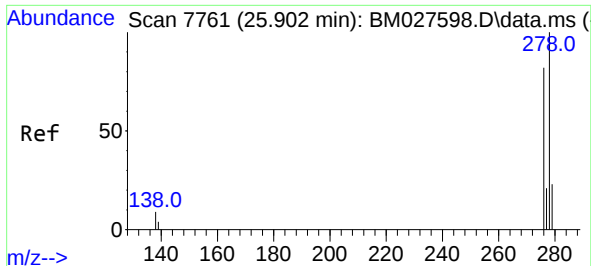
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng/ul
RT: 25.887 min Scan# 7754
Delta R.T. -0.000 min
Lab File: BM027608.D
Acq: 05 Oct 2020 16:06

Tgt Ion:	276	Resp:	1977
Ion Ratio	Lower	Upper	
276	100		
138	9.0	8.6	12.8
227	0.0	0.0	0.0





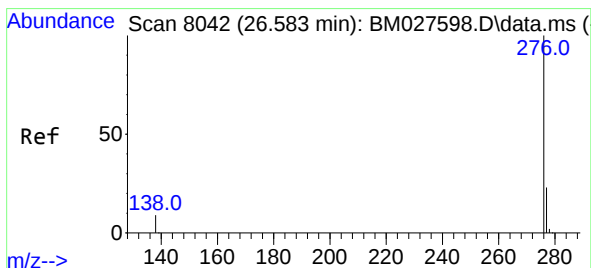
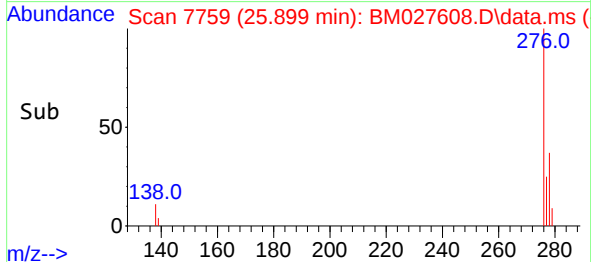
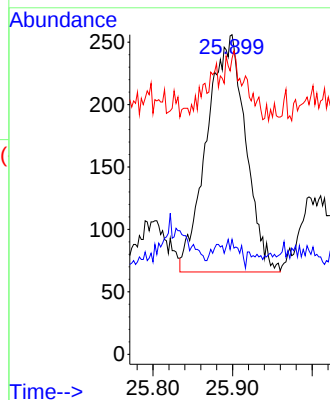
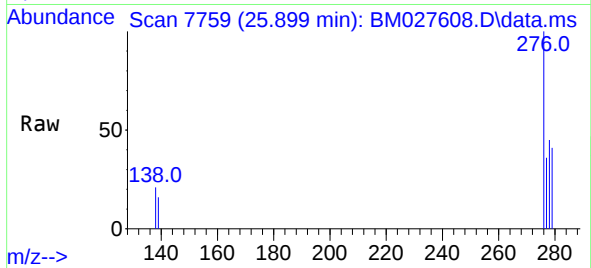
#25
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 25.899 min Scan# 7759
Delta R.T. -0.003 min
Lab File: BM027608.D
Acq: 05 Oct 2020 16:06

Tgt Ion:278 Resp: 643
Ion Ratio Lower Upper
278 100
139 35.9 7.6 11.4#
279 92.6 20.7 31.1#

Instrument :
BNA_M
ClientSampleId :
C0AC9DL

Manual Integrations
APPROVED

mohammad
10/6/2020 3:23:44 PM



#26
Benzo(g,h,i)perylene
Concen: 0.06 ng/ul
RT: 26.578 min Scan# 8039
Delta R.T. -0.005 min
Lab File: BM027608.D
Acq: 05 Oct 2020 16:06

Tgt Ion:276 Resp: 1727
Ion Ratio Lower Upper
276 100
138 18.4 9.0 13.4#
277 34.8 19.4 29.0#

