

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031287.D
 Acq On : 30 Jul 2021 22:35
 Operator : CG/JU
 Sample : M3084-20DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0039DL

Manual Integrations
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Quant Time: Jul 30 23:38:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 30 23:38:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1694	0.400	ng/ul	0.00
4) Naphthalene-d8	10.373	136	6328	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.242	164	3644	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	7307	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.179	240	6362	0.400	ng/ul	# 0.00
23) Perylene-d12	23.344	264	6550	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	787	0.418	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.970	152	280	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.019	212	668	0.031	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.422	128	759	0.040	ng/ul#	79
7) 2-Methylnaphthalene	12.042	142	806	0.063	ng/ul	96
8) 1-Methylnaphthalene	12.266	142	492	0.039	ng/ul	100
10) Acenaphthylene	13.962	152	1196	0.077	ng/ul#	89
15) Phenanthrene	17.030	178	4752	0.205	ng/ul	98
16) Anthracene	17.120	178	1380	0.064	ng/ul#	86
19) Fluoranthene	19.050	202	11115	0.409	ng/ul	97
20) Pyrene	19.412	202	9841	0.357	ng/ul	95
21) Benzo(a)anthracene	21.165	228	6558	0.255	ng/ul	92
22) Chrysene	21.213	228	7211	0.271	ng/ul	96
24) Benzo(b)fluoranthene	22.700	252	10542m	0.357	ng/ul	
25) Benzo(k)fluoranthene	22.738	252	3011m	0.099	ng/ul	
26) Benzo(a)pyrene	23.250	252	5647	0.218	ng/ul#	49
27) Indeno(1,2,3-cd)pyrene	25.493	276	3899	0.117	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.496	278	1109	0.041	ng/ul#	1
29) Benzo(g,h,i)perylene	26.145	276	3236	0.114	ng/ul#	78

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

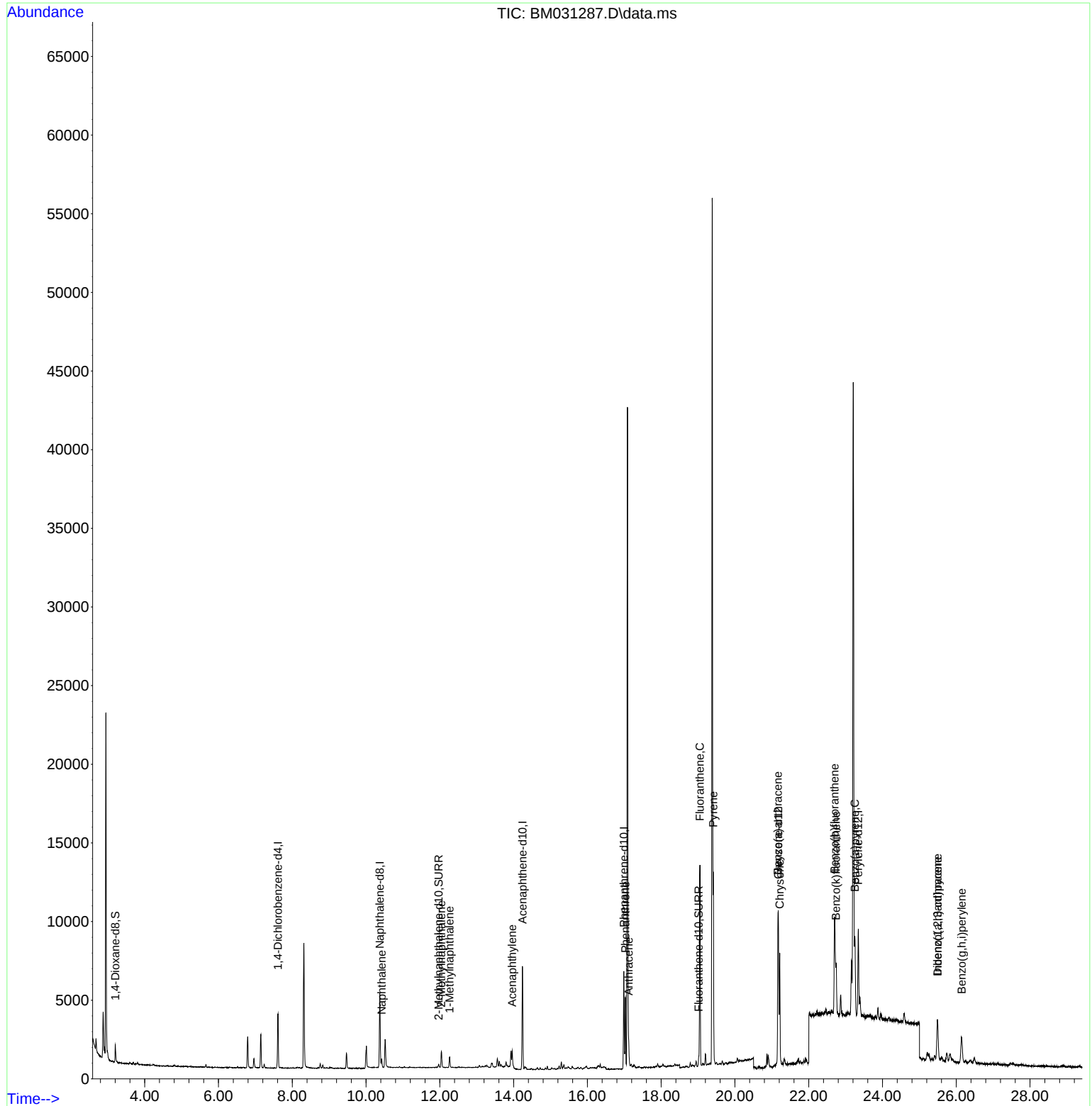
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031287.D
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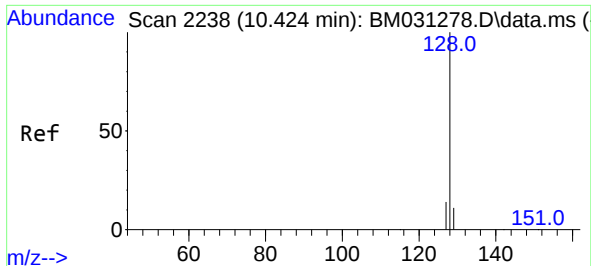
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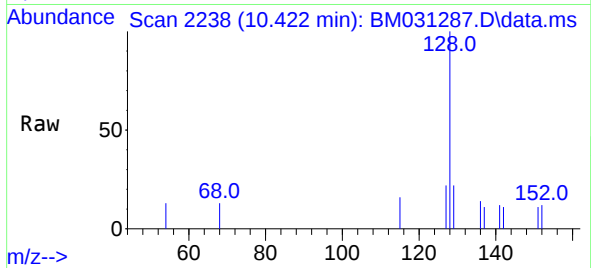
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Quant Time: Jul 30 23:38:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 23:38:17 2021
Response via : Initial Calibration

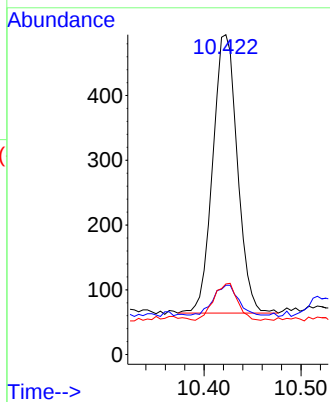
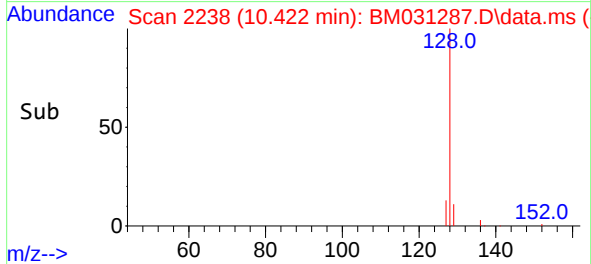




#5
Naphthalene
Concen: 0.040 ng/ul
RT: 10.422 min Scan# 2238
Delta R.T. -0.000 min
Lab File: BM031287.D
Acq: 30 Jul 2021 22:35



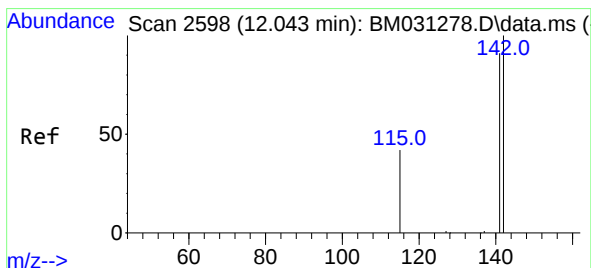
Tgt Ion:128 Resp: 759
Ion Ratio Lower Upper
128 100
129 21.7 10.0 15.0#
127 22.1 11.6 17.4#



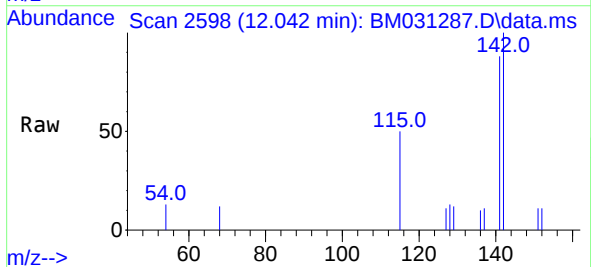
Instrument :
BNA_M
ClientSampled :
C0039DL

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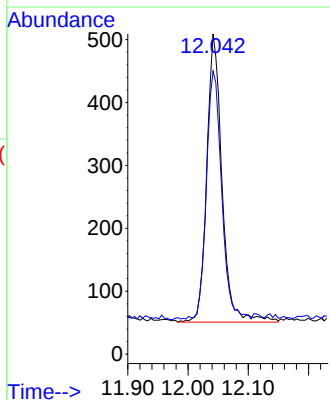
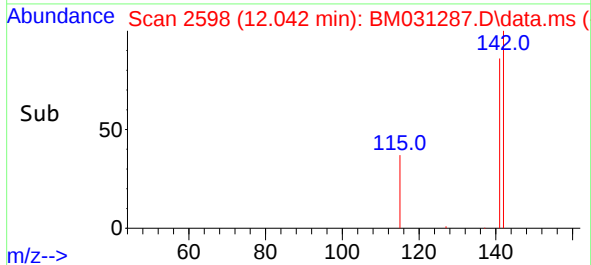
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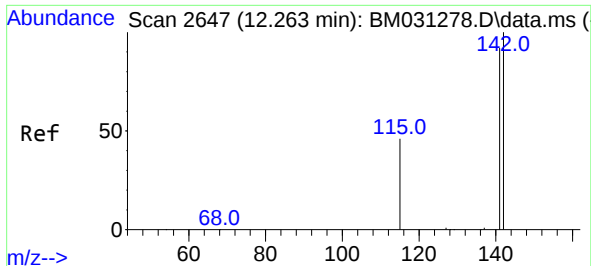


#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.042 min Scan# 2598
Delta R.T. -0.000 min
Lab File: BM031287.D
Acq: 30 Jul 2021 22:35



Tgt Ion:142 Resp: 806
Ion Ratio Lower Upper
142 100
141 85.4 71.4 107.0





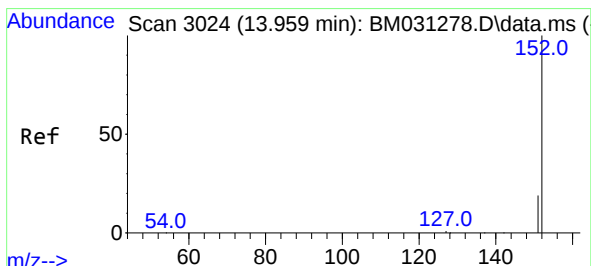
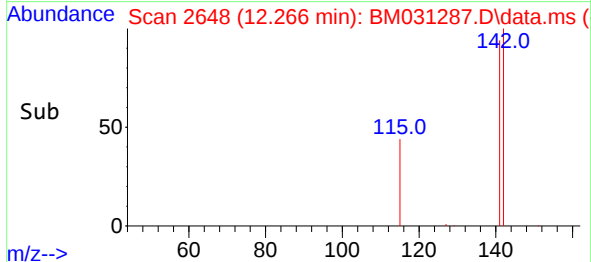
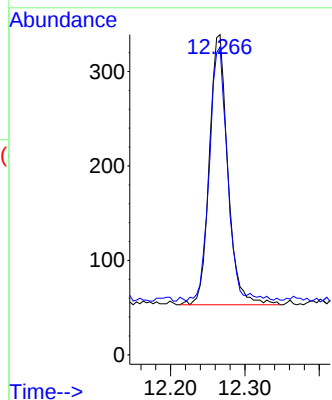
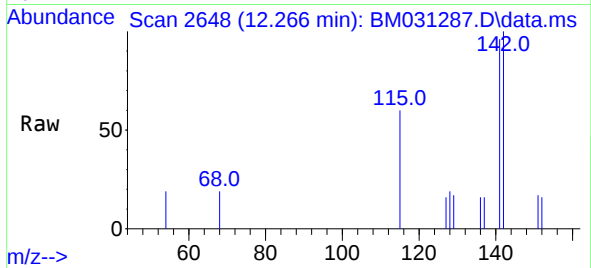
#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.266 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031287.D
Acq: 30 Jul 2021 22:35

Tgt Ion:142 Resp: 492
Ion Ratio Lower Upper
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141 92.7 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C0039DL

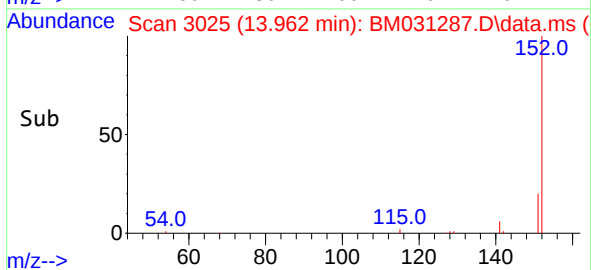
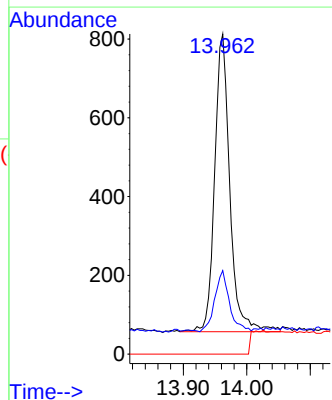
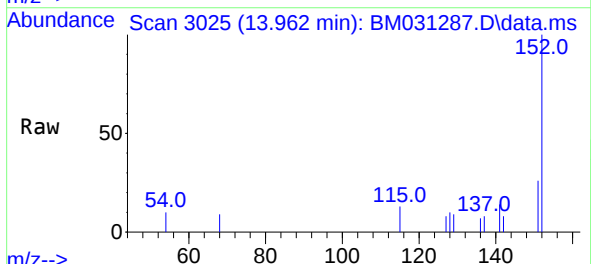
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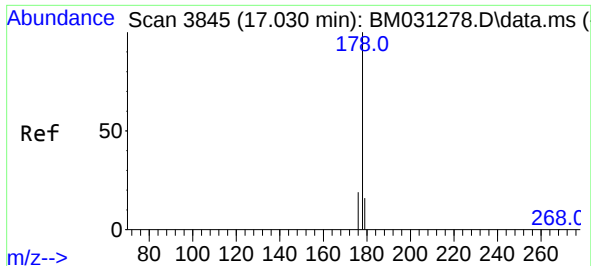
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#10
Acenaphthylene
Concen: 0.077 ng/ul
RT: 13.962 min Scan# 3025
Delta R.T. -0.000 min
Lab File: BM031287.D
Acq: 30 Jul 2021 22:35

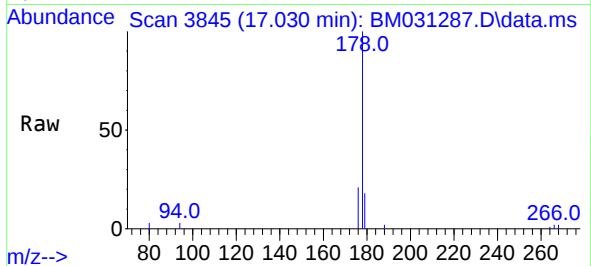
Tgt Ion:152 Resp: 1196
Ion Ratio Lower Upper
152 100
151 26.1 16.9 25.3#
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.205 ng/ul
RT: 17.030 min Scan# 3845
Delta R.T. -0.000 min
Lab File: BM031287.D
Acq: 30 Jul 2021 22:35

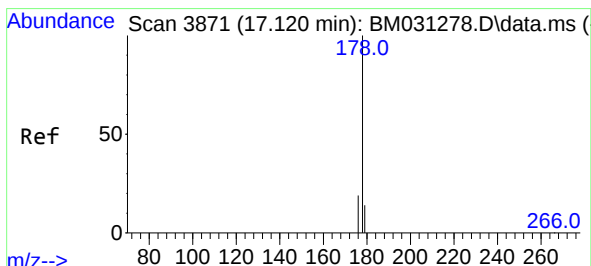
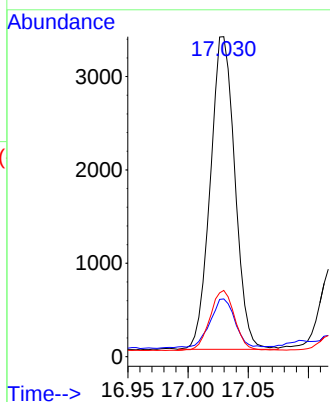
Instrument :
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ClientSampled :
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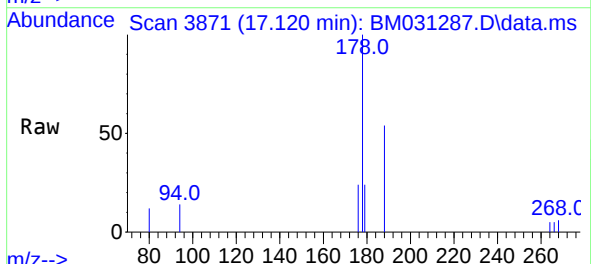
Tgt Ion:	178	Resp:	4752
Ion Ratio	Lower	Upper	
178	100		
179	18.0	13.3	19.9
176	20.7	16.2	24.4

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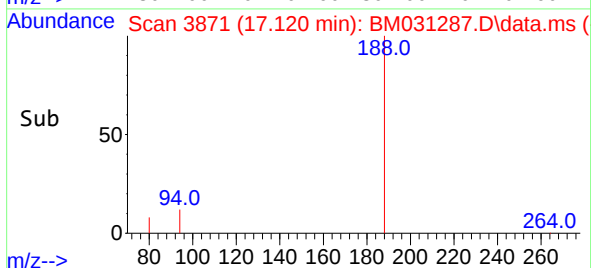
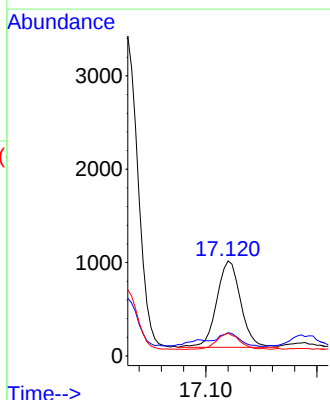
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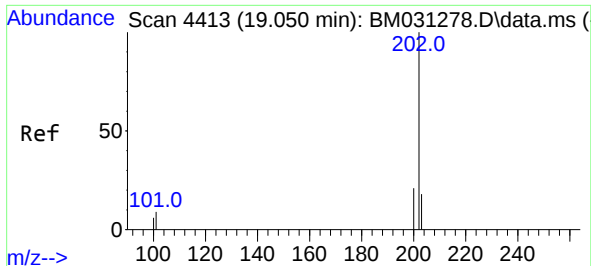


#16
Anthracene
Concen: 0.064 ng/ul
RT: 17.120 min Scan# 3871
Delta R.T. -0.000 min
Lab File: BM031287.D
Acq: 30 Jul 2021 22:35



Tgt Ion:	178	Resp:	1380
Ion Ratio	Lower	Upper	
178	100		
179	24.4	13.0	19.6#
176	24.0	15.6	23.4#





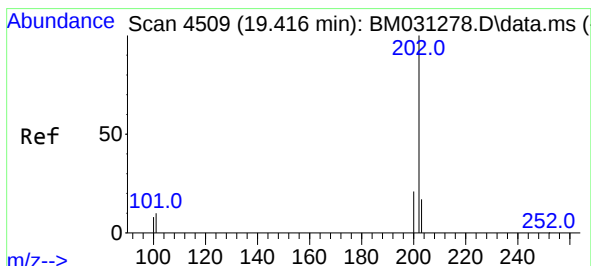
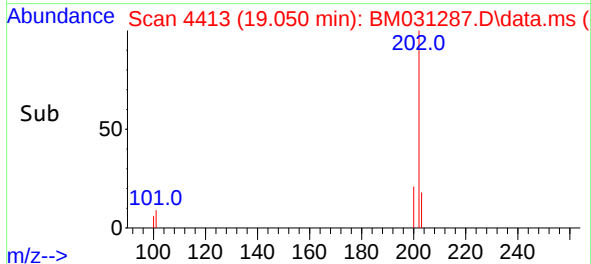
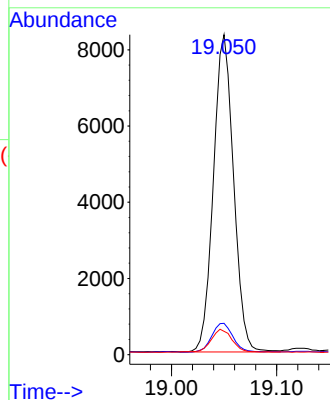
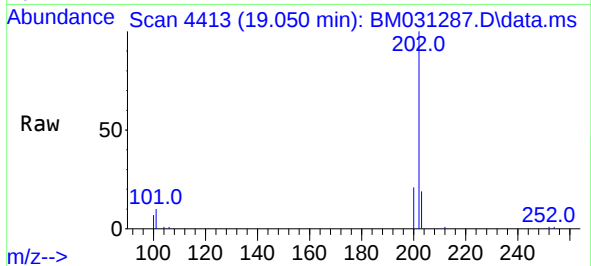
#19
Fluoranthene
Concen: 0.409 ng/ul
RT: 19.050 min Scan# 4413
Delta R.T. -0.000 min
Lab File: BM031287.D
Acq: 30 Jul 2021 22:35

Tgt Ion:	202	Resp:	11115
Ion Ratio	Lower	Upper	
202	100		
101	9.8	6.6	10.0
100	7.3	5.4	8.0

Instrument :
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ClientSampleId :
C0039DL

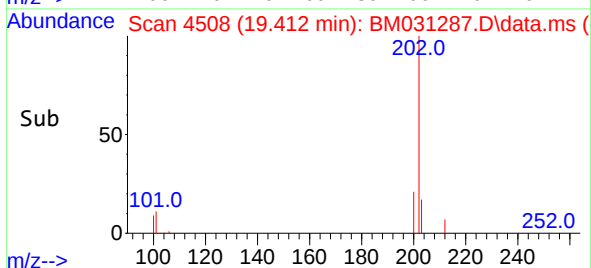
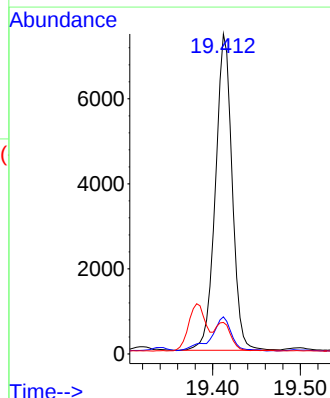
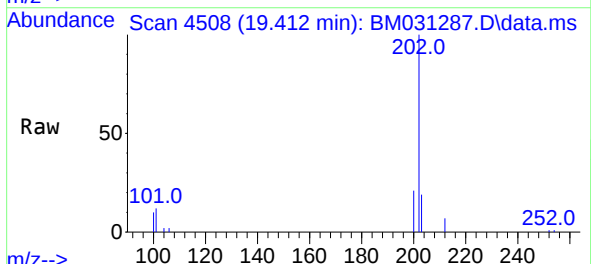
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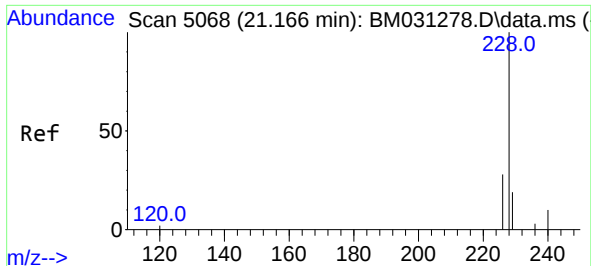
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#20
Pyrene
Concen: 0.357 ng/ul
RT: 19.412 min Scan# 4508
Delta R.T. -0.000 min
Lab File: BM031287.D
Acq: 30 Jul 2021 22:35

Tgt Ion:	202	Resp:	9841
Ion Ratio	Lower	Upper	
202	100		
101	11.6	7.8	11.6
100	9.9	6.6	10.0





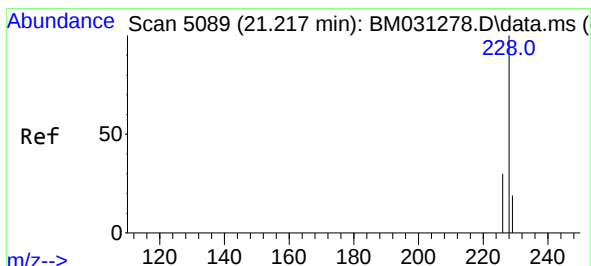
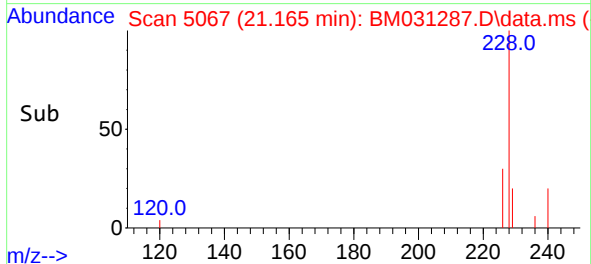
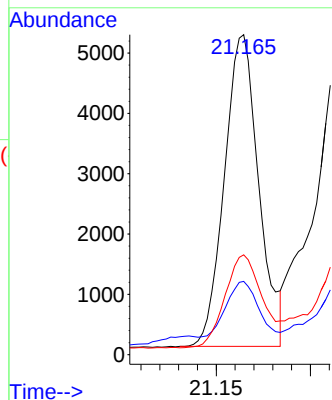
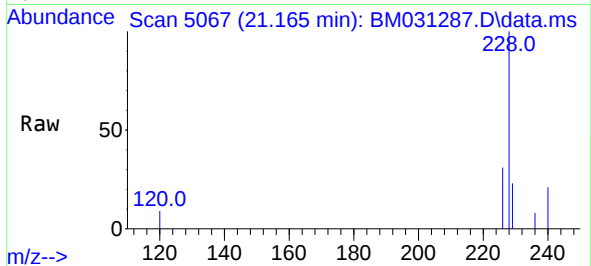
#21
Benzo(a)anthracene
Concen: 0.255 ng/u1
RT: 21.165 min Scan# 5067
Delta R.T. 0.004 min
Lab File: BM031287.D
Acq: 30 Jul 2021 22:35

Tgt Ion:	228	Resp:	6558
Ion	Ratio	Lower	Upper
228	100		
229	22.9	15.6	23.4
226	31.2	21.7	32.5

Instrument :
BNA_M
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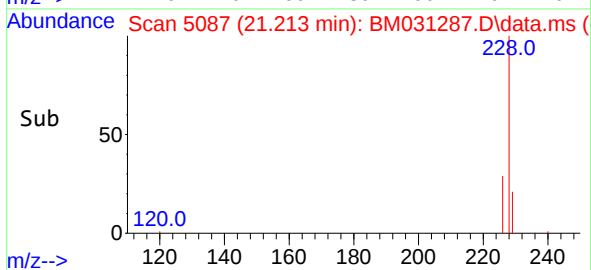
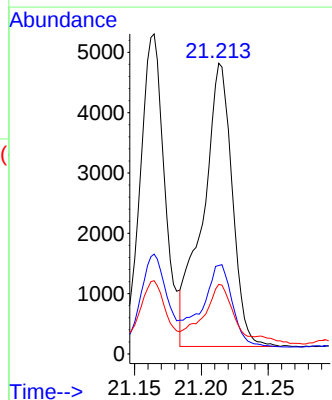
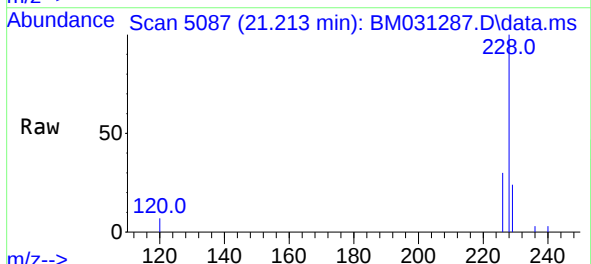
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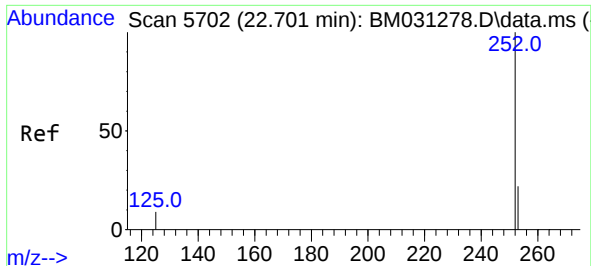
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#22
Chrysene
Concen: 0.271 ng/u1
RT: 21.213 min Scan# 5087
Delta R.T. -0.001 min
Lab File: BM031287.D
Acq: 30 Jul 2021 22:35

Tgt Ion:	228	Resp:	7211
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	24.0	16.2	24.2





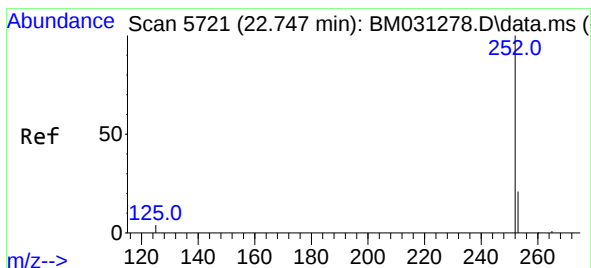
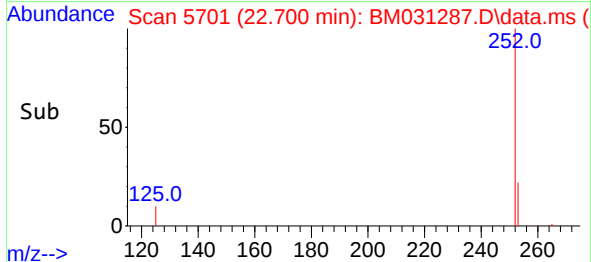
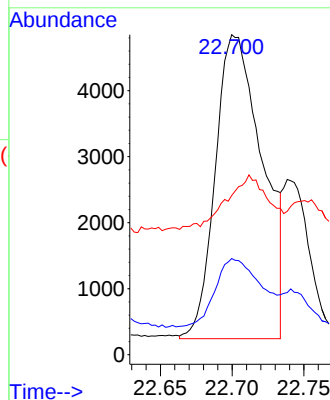
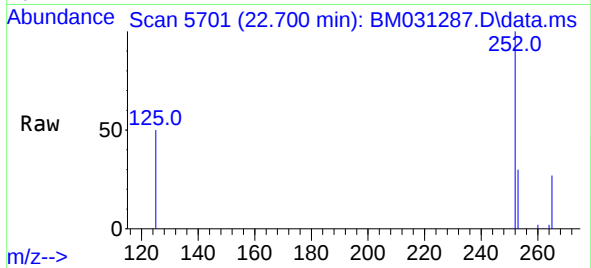
#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul m
RT: 22.700 min Scan# 5701
Delta R.T. 0.001 min
Lab File: BM031287.D
Acq: 30 Jul 2021 22:35

Tgt Ion:252 Resp: 10542
Ion Ratio Lower Upper
252 100
253 30.1 0.0 53.0
125 49.7 0.0 22.8#

Instrument :
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ClientSampled :
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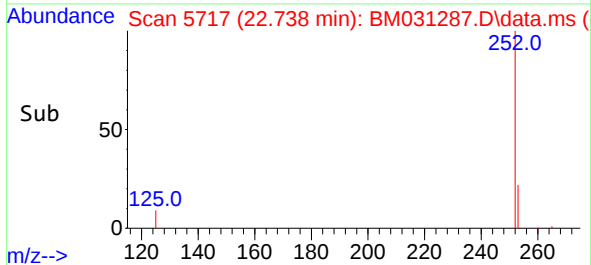
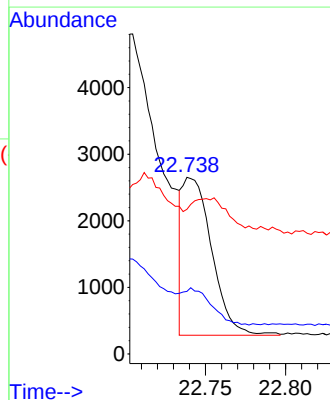
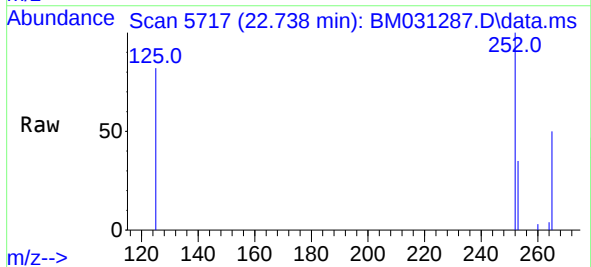
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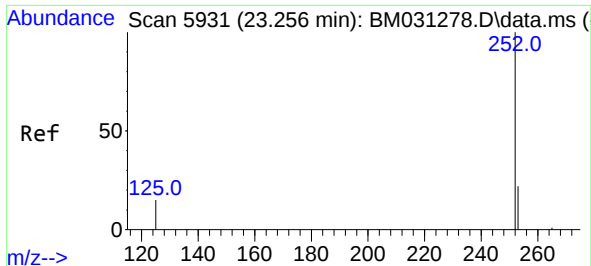
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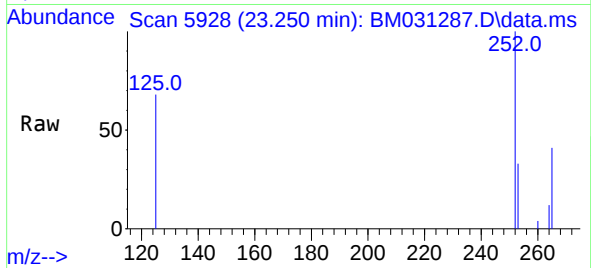
#25
Benzo(k)fluoranthene
Concen: 0.099 ng/ul m
RT: 22.738 min Scan# 5717
Delta R.T. -0.001 min
Lab File: BM031287.D
Acq: 30 Jul 2021 22:35

Tgt Ion:252 Resp: 3011
Ion Ratio Lower Upper
252 100
253 35.4 21.3 31.9#
125 81.9 8.8 13.2#

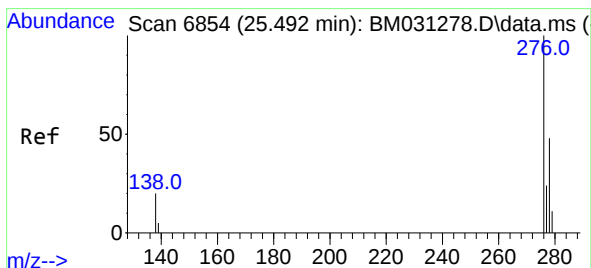
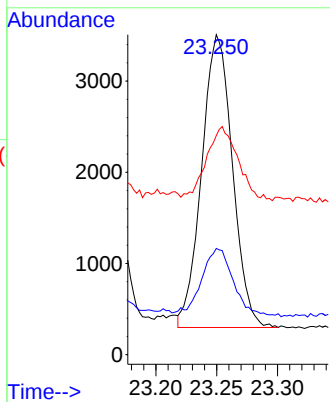
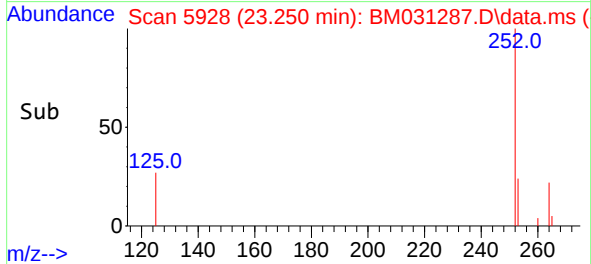




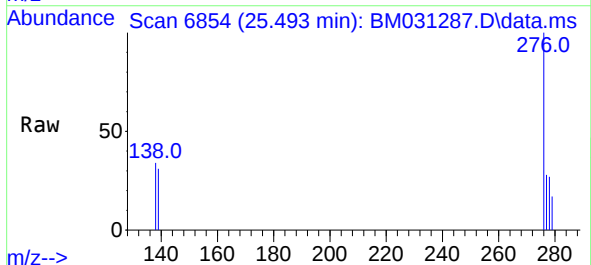
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Benzo(a)pyrene
Concen: 0.218 ng/ul
RT: 23.250 min Scan# 5928
Delta R.T. 0.001 min
Lab File: BM031287.D
Acq: 30 Jul 2021 22:35



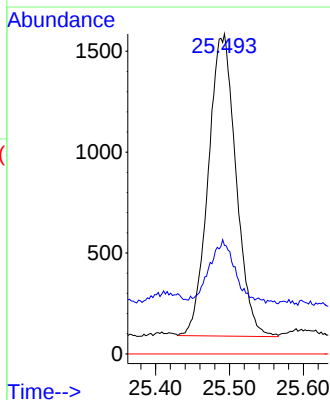
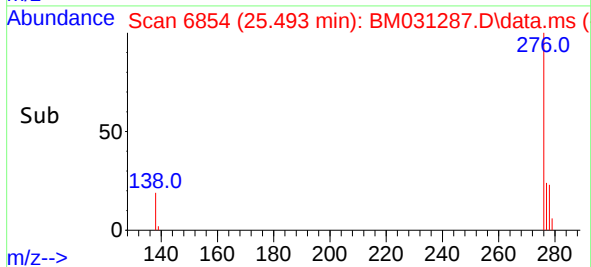
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Ion Ratio Lower Upper
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253 33.2 22.4 33.6
125 68.5 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.117 ng/ul
RT: 25.493 min Scan# 6854
Delta R.T. 0.004 min
Lab File: BM031287.D
Acq: 30 Jul 2021 22:35



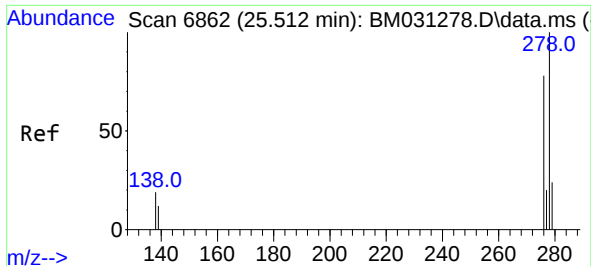
Tgt Ion:276 Resp: 3899
Ion Ratio Lower Upper
276 100
138 20.4 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
C0039DL

Manual Integrations
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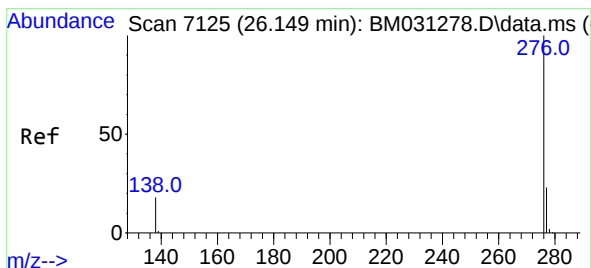
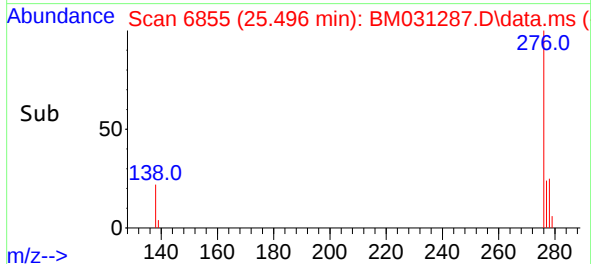
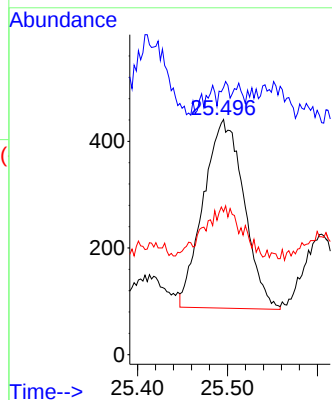
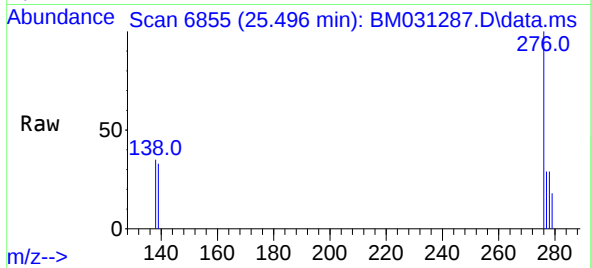
#28
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 25.496 min Scan# 6855
Delta R.T. -0.008 min
Lab File: BM031287.D
Acq: 30 Jul 2021 22:35

Tgt Ion:278 Resp: 1109
Ion Ratio Lower Upper
278 100
139 113.6 13.3 19.9#
279 60.8 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C0039DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.114 ng/ul
RT: 26.145 min Scan# 7123
Delta R.T. 0.001 min
Lab File: BM031287.D
Acq: 30 Jul 2021 22:35

Tgt Ion:276 Resp: 3236
Ion Ratio Lower Upper
276 100
138 36.5 15.4 23.2#
277 29.9 19.9 29.9#

