

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031099.D
 Acq On : 23 Jul 2021 20:35
 Operator : CG/JU
 Sample : M2970-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGE76

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Quant Time: Jul 24 00:53:39 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 23 18:04:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	1694	0.40	ng/ul	0.00
4) Naphthalene-d8	10.406	136	6748	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.265	164	4709	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.013	188	9806	0.40	ng/ul	0.00
17) Chrysene-d12	21.195	240	9215	0.40	ng/ul	0.00
23) Perylene-d12	23.370	264	8500	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	9083	5.10	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.998	152	4036	0.34	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	10282	0.37	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.451	128	747	0.04	ng/ul#	79
10) Acenaphthylene	13.986	152	433	0.02	ng/ul#	74
11) Acenaphthene	14.326	153	528	0.03	ng/ul	92
12) Fluorene	15.319	166	572	0.03	ng/ul#	96
15) Phenanthrene	17.051	178	11409	0.37	ng/ul	99
16) Anthracene	17.145	178	5321	0.18	ng/ul	99
19) Fluoranthene	19.069	202	32168	0.87	ng/ul	97
20) Pyrene	19.435	202	28080	0.74	ng/ul	99
21) Benzo(a)anthracene	21.181	228	13431	0.36	ng/ul	95
22) Chrysene	21.231	228	11389	0.29	ng/ul	98
24) Benzo(b)fluoranthene	22.721	252	12046m	0.30	ng/ul	
25) Benzo(k)fluoranthene	22.762	252	5306m	0.13	ng/ul	
26) Benzo(a)pyrene	23.275	252	9741	0.28	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.524	276	4688	0.10	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.538	278	1506	0.04	ng/ul#	65
29) Benzo(g,h,i)perylene	26.183	276	3876	0.10	ng/ul#	90

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

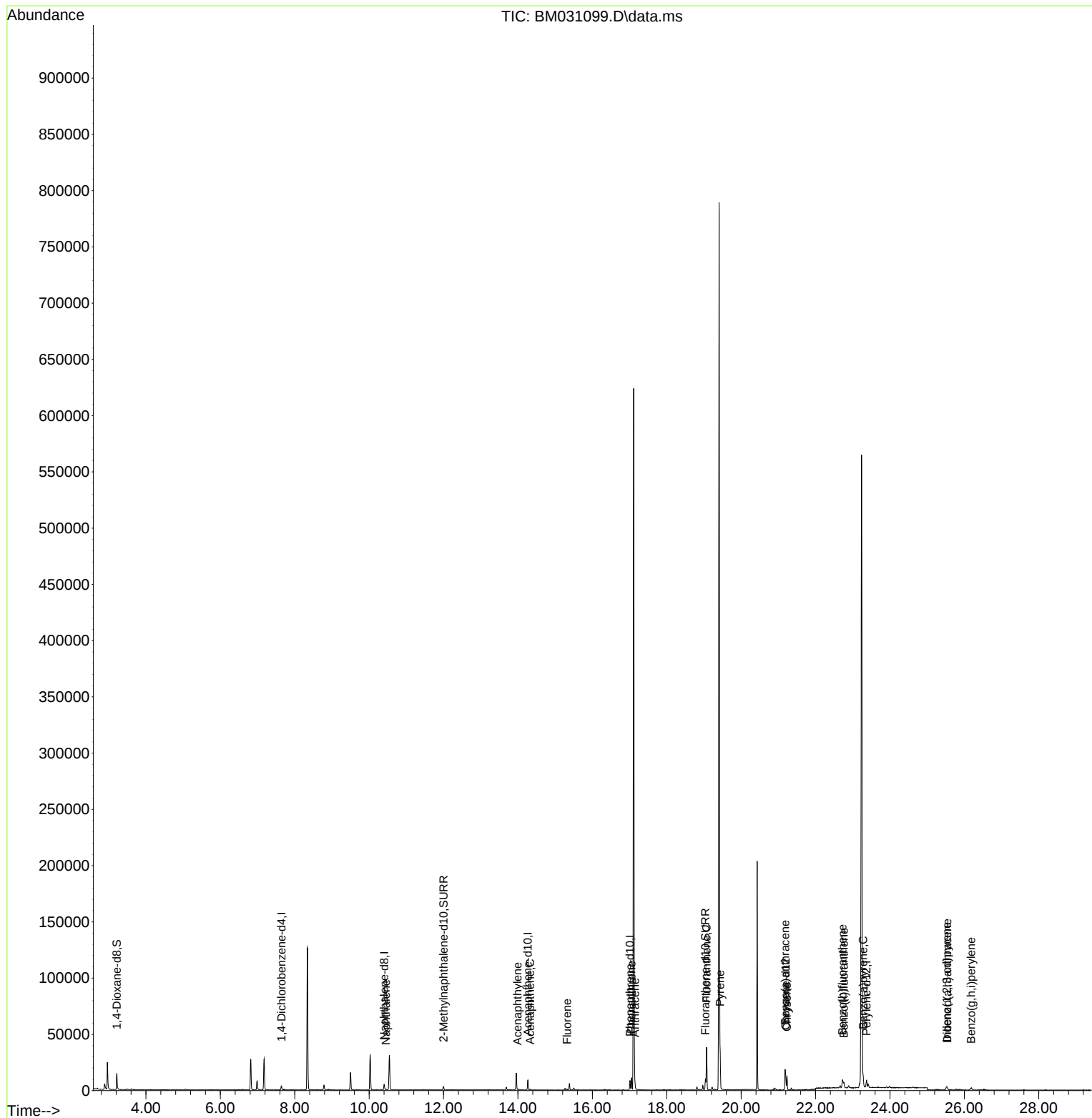
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031099.D
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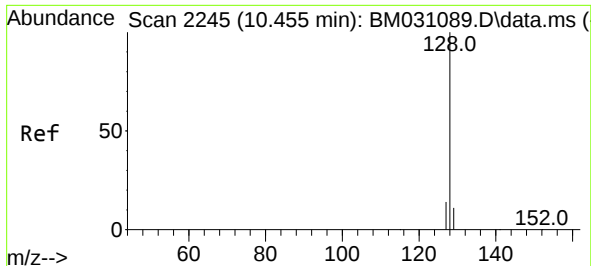
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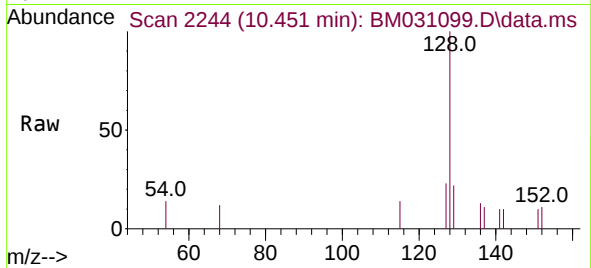
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Response via : Initial Calibration

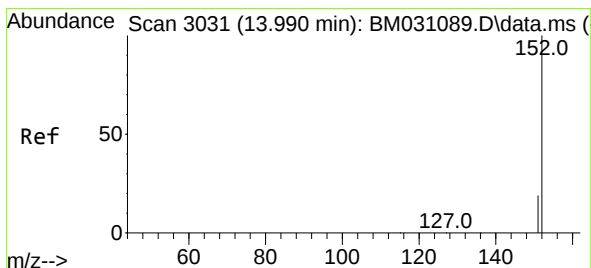
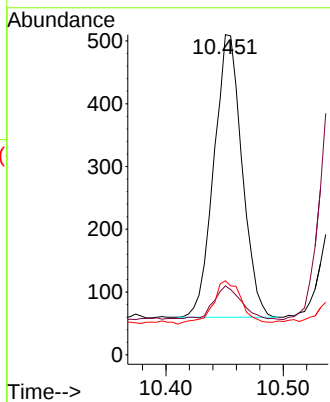
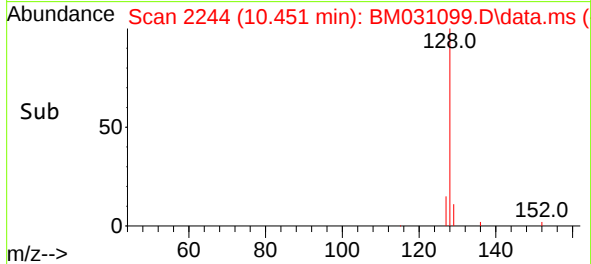




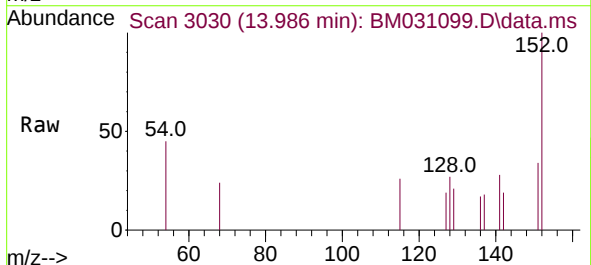
#5
Naphthalene
Concen: 0.04 ng/ul
RT: 10.451 min Scan# 2244
Delta R.T. -0.004 min
Lab File: BM031099.D
Acq: 23 Jul 2021 20:35



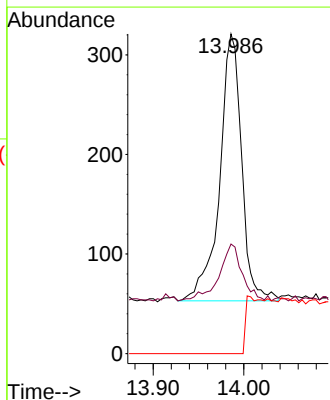
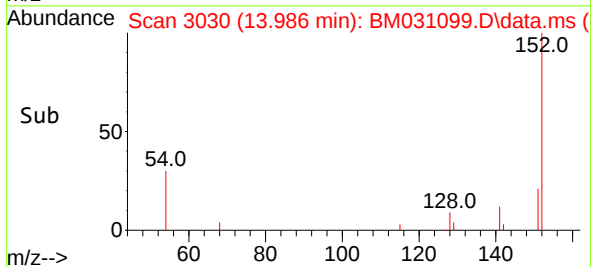
Tgt Ion:128 Resp: 747
Ion Ratio Lower Upper
128 100
129 21.6 10.2 15.4#
127 23.1 11.8 17.8#



#10
Acenaphthylene
Concen: 0.02 ng/ul
RT: 13.986 min Scan# 3030
Delta R.T. -0.004 min
Lab File: BM031099.D
Acq: 23 Jul 2021 20:35



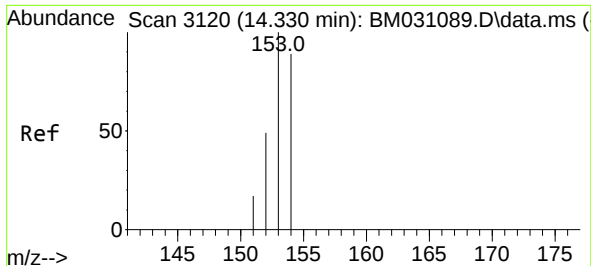
Tgt Ion:152 Resp: 433
Ion Ratio Lower Upper
152 100
151 34.3 17.5 26.3#
153 0.0 0.0 0.0



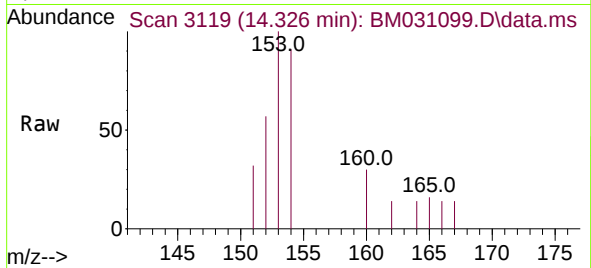
Instrument :
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ClientSampled :
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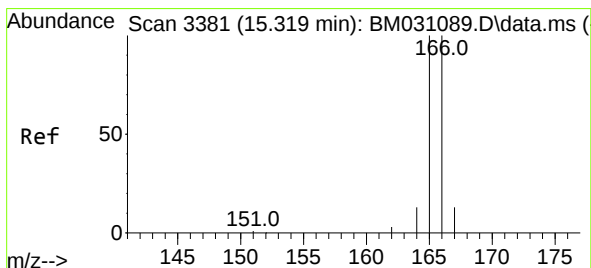
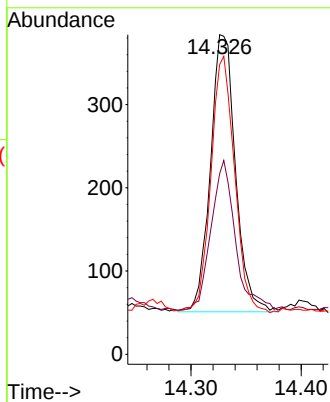
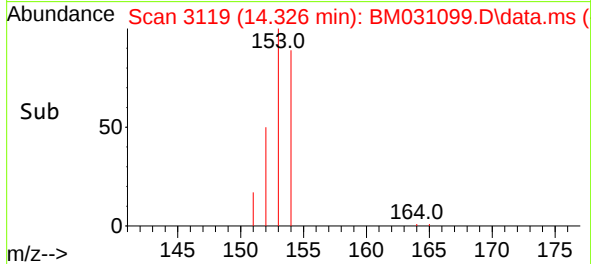
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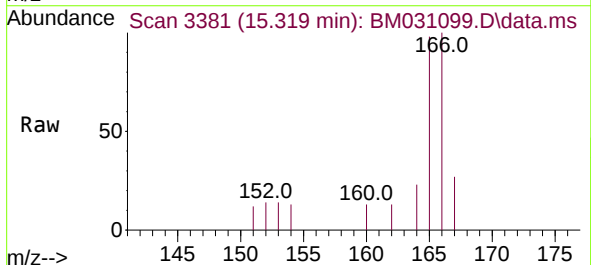
#11
Acenaphthene
Concen: 0.03 ng/ul
RT: 14.326 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BM031099.D
Acq: 23 Jul 2021 20:35



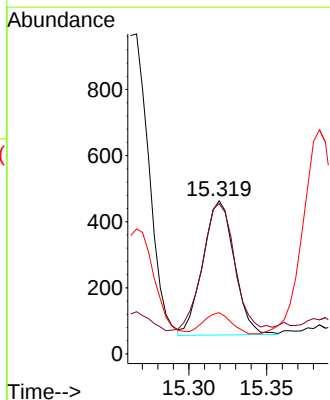
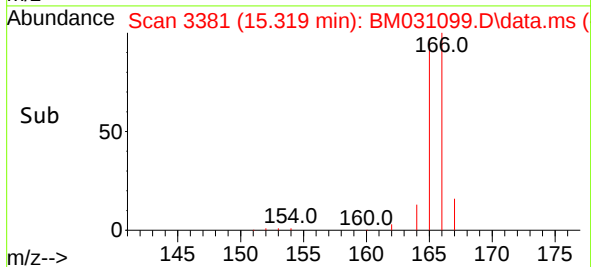
Tgt Ion:153 Resp: 528
Ion Ratio Lower Upper
153 100
152 56.5 39.4 59.2
154 90.6 68.2 102.4



#12
Fluorene
Concen: 0.03 ng/ul
RT: 15.319 min Scan# 3381
Delta R.T. 0.000 min
Lab File: BM031099.D
Acq: 23 Jul 2021 20:35



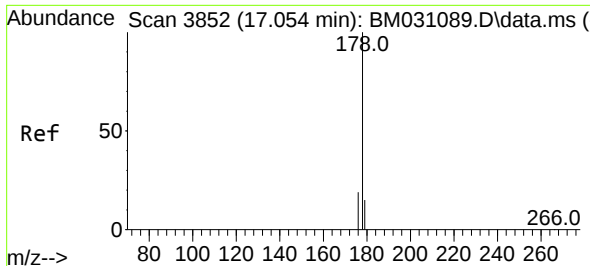
Tgt Ion:166 Resp: 572
Ion Ratio Lower Upper
166 100
165 98.3 78.2 117.2
167 27.0 12.3 18.5#



Instrument :
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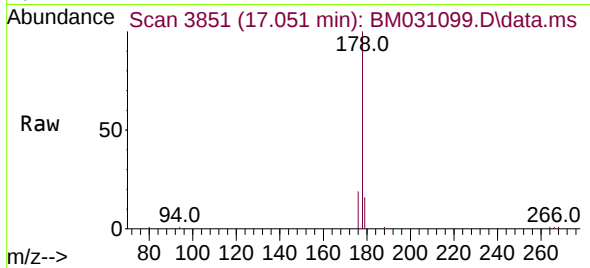
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#15
Phenanthrene
Concen: 0.37 ng/ul
RT: 17.051 min Scan# 3851
Delta R.T. -0.003 min
Lab File: BM031099.D
Acq: 23 Jul 2021 20:35

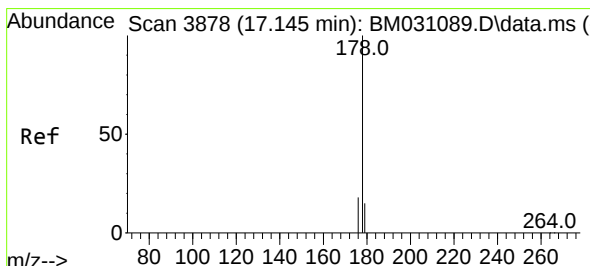
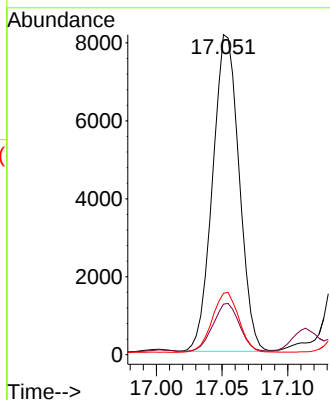
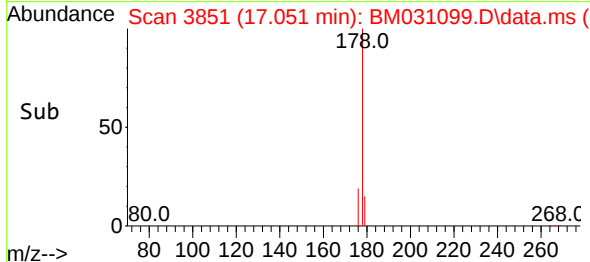
Instrument :
BNA_M
ClientSampled :
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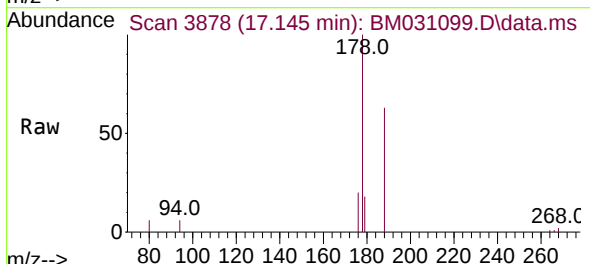
Tgt Ion:178 Resp: 11409
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.2 15.4 23.2

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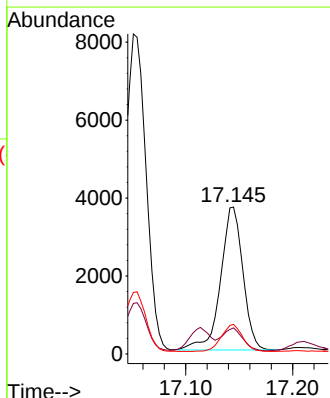
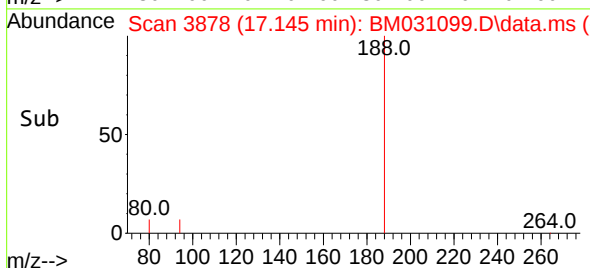
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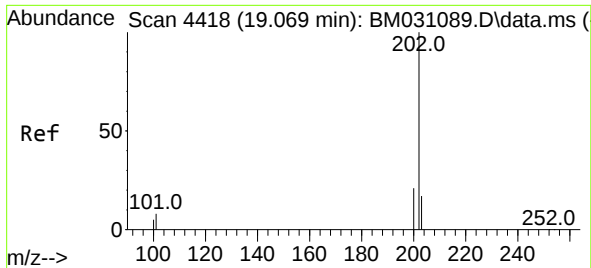


#16
Anthracene
Concen: 0.18 ng/ul
RT: 17.145 min Scan# 3878
Delta R.T. 0.000 min
Lab File: BM031099.D
Acq: 23 Jul 2021 20:35



Tgt Ion:178 Resp: 5321
Ion Ratio Lower Upper
178 100
179 17.8 13.8 20.8
176 20.1 15.7 23.5





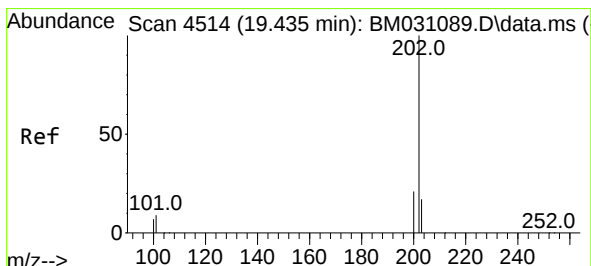
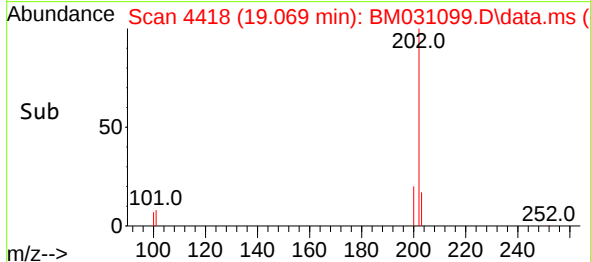
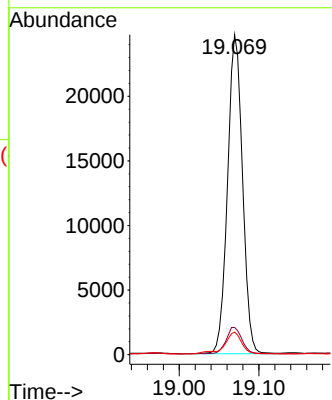
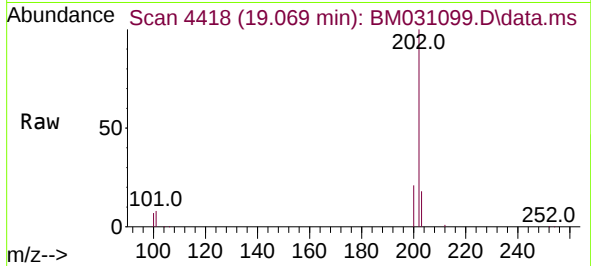
#19
Fluoranthene
Concen: 0.87 ng/ul
RT: 19.069 min Scan# 4418
Delta R.T. 0.000 min
Lab File: BM031099.D
Acq: 23 Jul 2021 20:35

Tgt Ion:	202	Resp:	32168
Ion Ratio	Lower	Upper	
202	100		
101	8.5	6.0	9.0
100	7.1	4.8	7.2

Instrument :
BNA_M
ClientSampleId :
BGE76

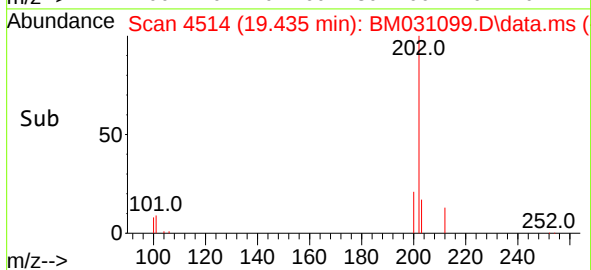
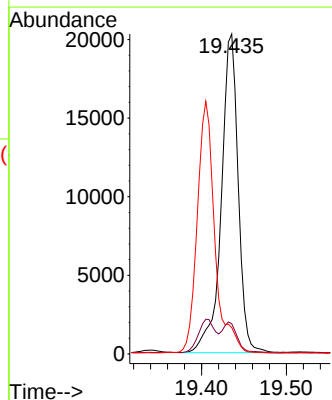
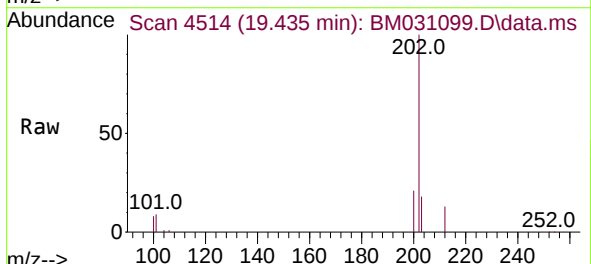
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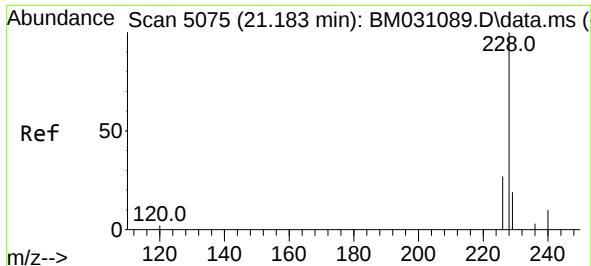
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#20
Pyrene
Concen: 0.74 ng/ul
RT: 19.435 min Scan# 4514
Delta R.T. 0.000 min
Lab File: BM031099.D
Acq: 23 Jul 2021 20:35

Tgt Ion:	202	Resp:	28080
Ion Ratio	Lower	Upper	
202	100		
101	9.5	7.4	11.0
100	8.2	6.0	9.0





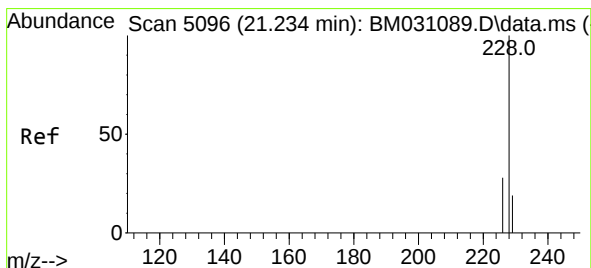
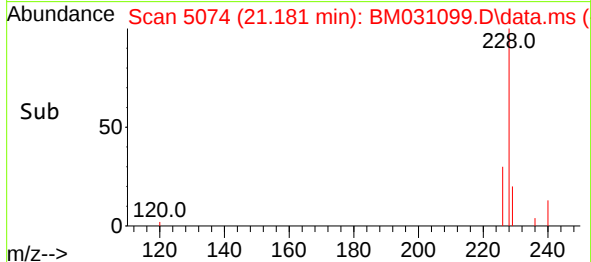
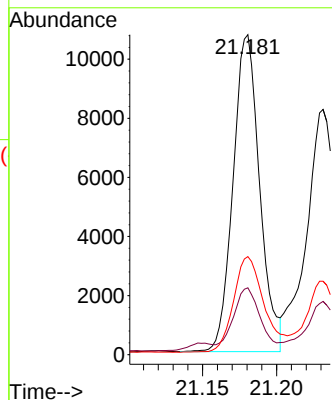
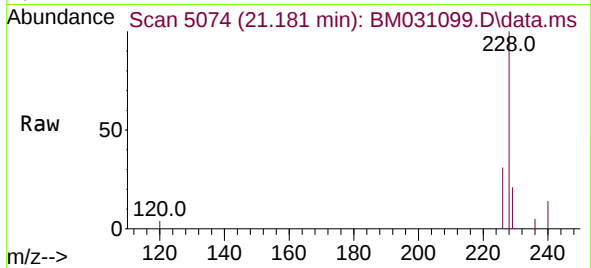
#21
Benzo(a)anthracene
Concen: 0.36 ng/ul
RT: 21.181 min Scan# 5074
Delta R.T. -0.002 min
Lab File: BM031099.D
Acq: 23 Jul 2021 20:35

Tgt Ion:228 Resp: 13431
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 30.7 21.4 32.2

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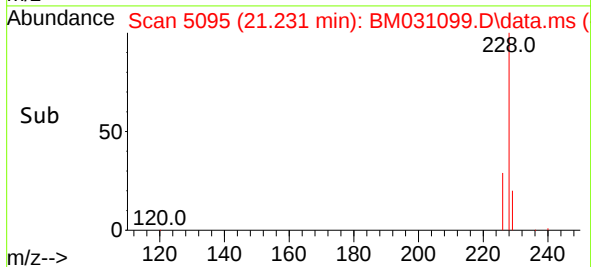
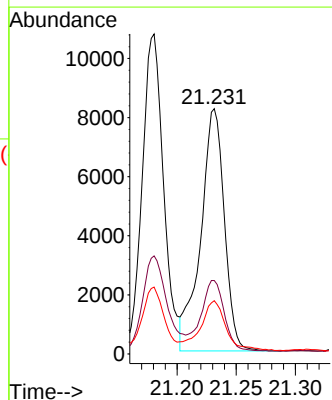
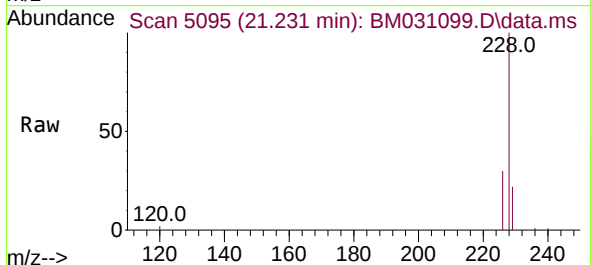
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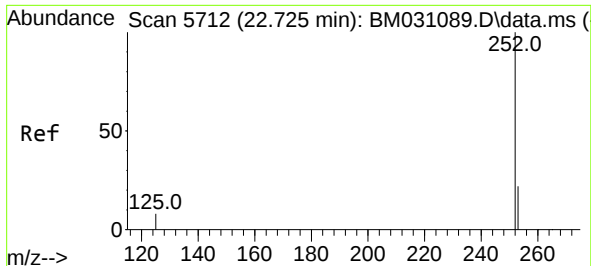
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#22
Chrysene
Concen: 0.29 ng/ul
RT: 21.231 min Scan# 5095
Delta R.T. -0.002 min
Lab File: BM031099.D
Acq: 23 Jul 2021 20:35

Tgt Ion:228 Resp: 11389
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 21.7 15.8 23.8





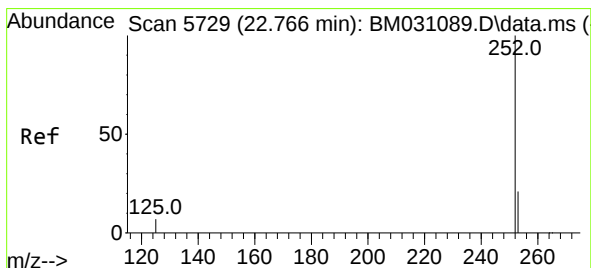
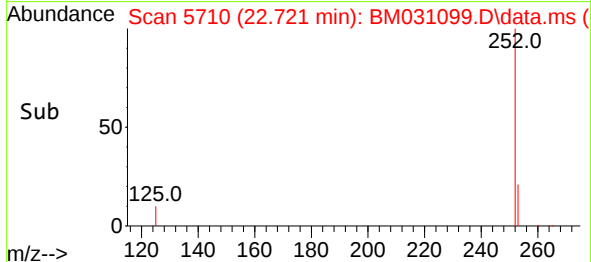
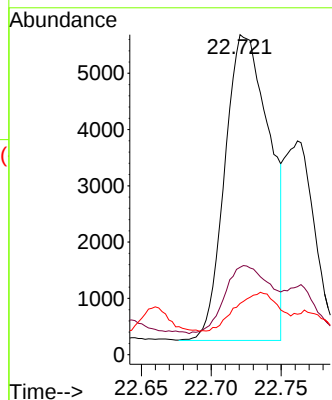
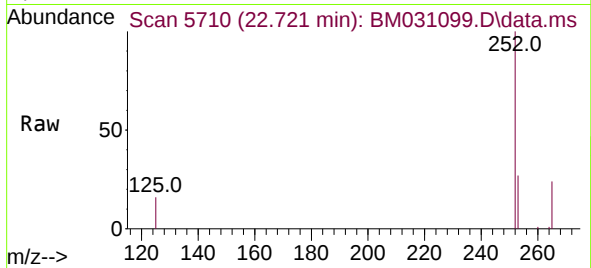
#24
Benzo(b)fluoranthene
Concen: 0.30 ng/ul m
RT: 22.721 min Scan# 5710
Delta R.T. -0.005 min
Lab File: BM031099.D
Acq: 23 Jul 2021 20:35

Tgt Ion:	252	Resp:	12046
Ion Ratio	Lower	Upper	
252	100		
253	27.3	0.0	52.8
125	16.0	0.0	20.2

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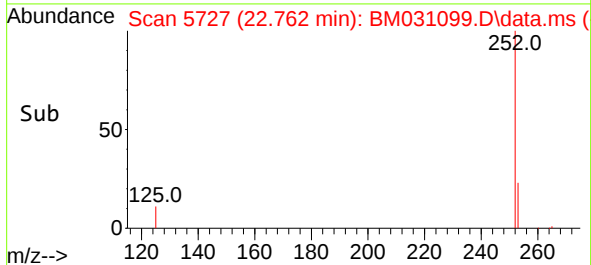
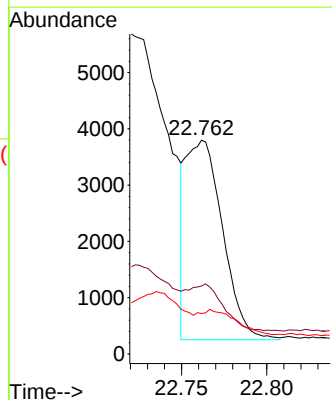
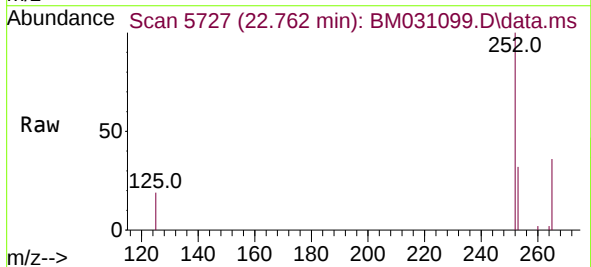
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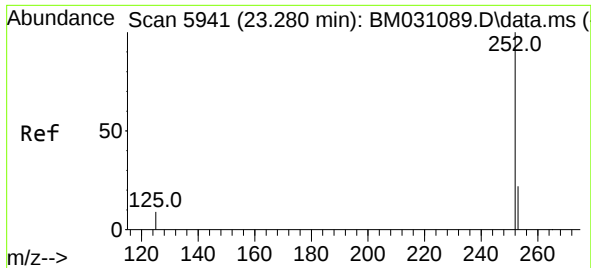
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#25
Benzo(k)fluoranthene
Concen: 0.13 ng/ul m
RT: 22.762 min Scan# 5727
Delta R.T. -0.005 min
Lab File: BM031099.D
Acq: 23 Jul 2021 20:35

Tgt Ion:	252	Resp:	5306
Ion Ratio	Lower	Upper	
252	100		
253	31.8	21.6	32.4
125	19.0	8.6	13.0#





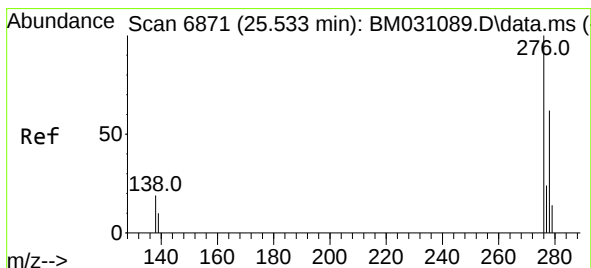
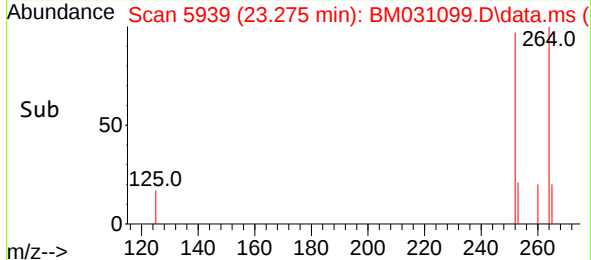
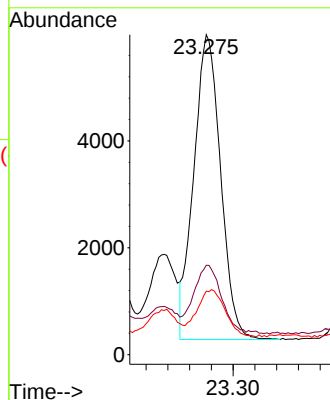
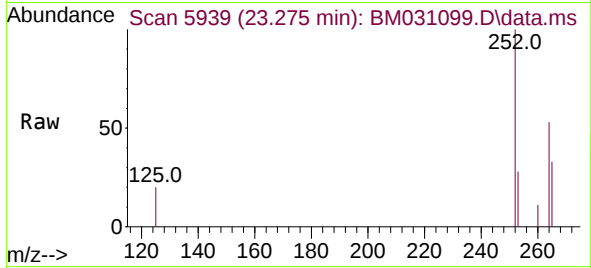
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Benzo(a)pyrene
Concen: 0.28 ng/ul
RT: 23.275 min Scan# 5939
Delta R.T. -0.005 min
Lab File: BM031099.D
Acq: 23 Jul 2021 20:35

Tgt Ion:252 Resp: 9741
Ion Ratio Lower Upper
252 100
253 28.0 23.1 34.7
125 19.8 10.7 16.1#

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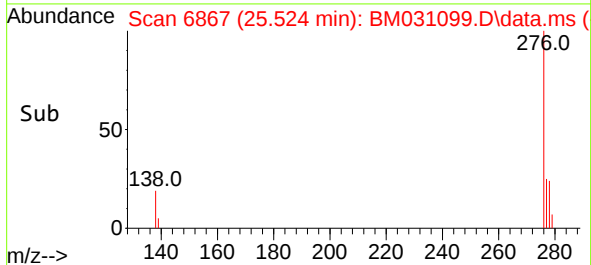
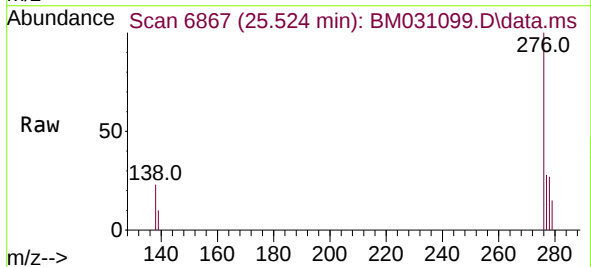
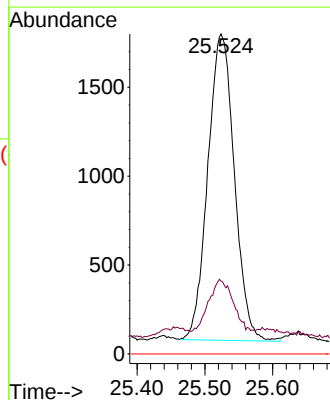
Manual Integrations
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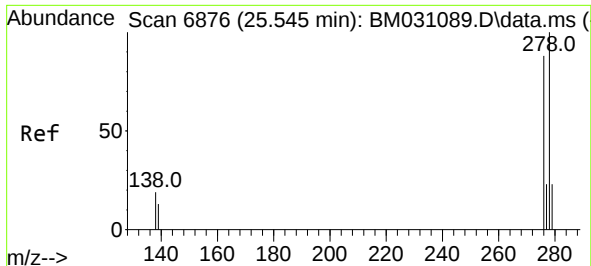
mohammad
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng/ul
RT: 25.524 min Scan# 6867
Delta R.T. -0.010 min
Lab File: BM031099.D
Acq: 23 Jul 2021 20:35

Tgt Ion:276 Resp: 4688
Ion Ratio Lower Upper
276 100
138 21.8 15.4 23.0
227 0.0 0.0 0.0





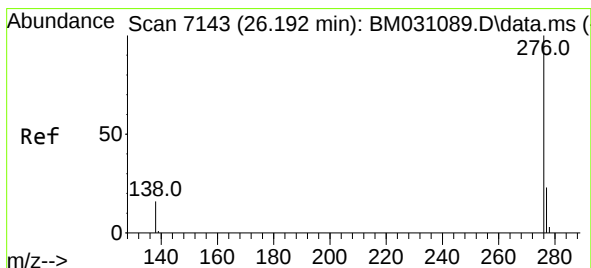
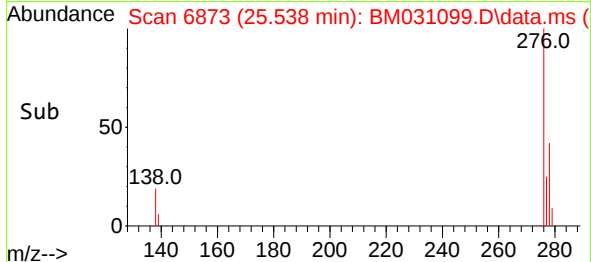
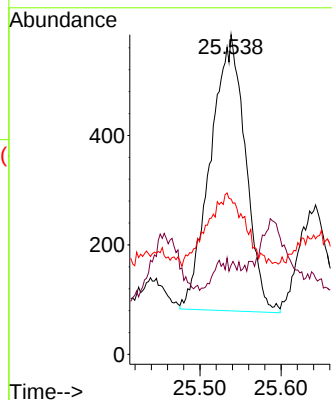
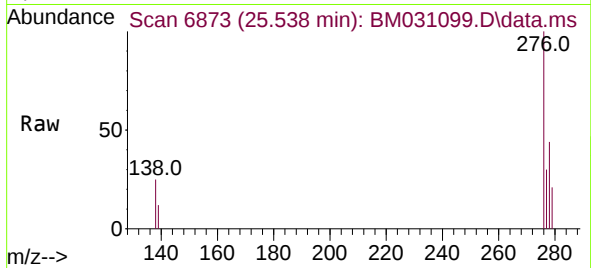
#28
Dibenzo(a,h)anthracene
Concen: 0.04 ng/ul
RT: 25.538 min Scan# 6873
Delta R.T. -0.007 min
Lab File: BM031099.D
Acq: 23 Jul 2021 20:35

Tgt Ion:278 Resp: 1506
Ion Ratio Lower Upper
278 100
139 27.9 12.6 18.8#
279 48.6 22.6 34.0#

Instrument :
BNA_M
ClientSampleId :
BGE76

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.10 ng/ul
RT: 26.183 min Scan# 7139
Delta R.T. -0.010 min
Lab File: BM031099.D
Acq: 23 Jul 2021 20:35

Tgt Ion:276 Resp: 3876
Ion Ratio Lower Upper
276 100
138 24.4 14.0 21.0#
277 27.6 19.9 29.9

