

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031131.D
 Acq On : 24 Jul 2021 22:05
 Operator : CG/JU
 Sample : M2973-13
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGE18

Manual Integrations
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Quant Time: Jul 26 02:42:06 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 : Mon Jul 26 02:23:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	1358	0.40	ng/ul	0.00
4) Naphthalene-d8	10.400	136	5315	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.261	164	3529	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	7684	0.40	ng/ul	0.00
17) Chrysene-d12	21.190	240	7687	0.40	ng/ul	0.00
23) Perylene-d12	23.362	264	6775	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	3008	2.11	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.992	152	1170	0.13	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	3163	0.13	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.450	128	760	0.05	ng/ul#	82
10) Acenaphthylene	13.980	152	941	0.07	ng/ul	91
11) Acenaphthene	14.326	153	5266	0.41	ng/ul	97
12) Fluorene	15.315	166	1281	0.09	ng/ul#	95
15) Phenanthrene	17.047	178	21678	0.89	ng/ul	99
16) Anthracene	17.137	178	7872	0.34	ng/ul	99
19) Fluoranthene	19.065	202	50750	1.64	ng/ul	97
20) Pyrene	19.427	202	23706	0.75	ng/ul	97
21) Benzo(a)anthracene	21.178	228	30165	0.98	ng/ul	95
22) Chrysene	21.226	228	24615	0.74	ng/ul	99
24) Benzo(b)fluoranthene	22.720	252	30079m	0.94	ng/ul	
25) Benzo(k)fluoranthene	22.756	252	11396m	0.35	ng/ul	
26) Benzo(a)pyrene	23.268	252	7037	0.26	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.511	276	5496	0.15	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.523	278	3065	0.11	ng/ul#	82

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

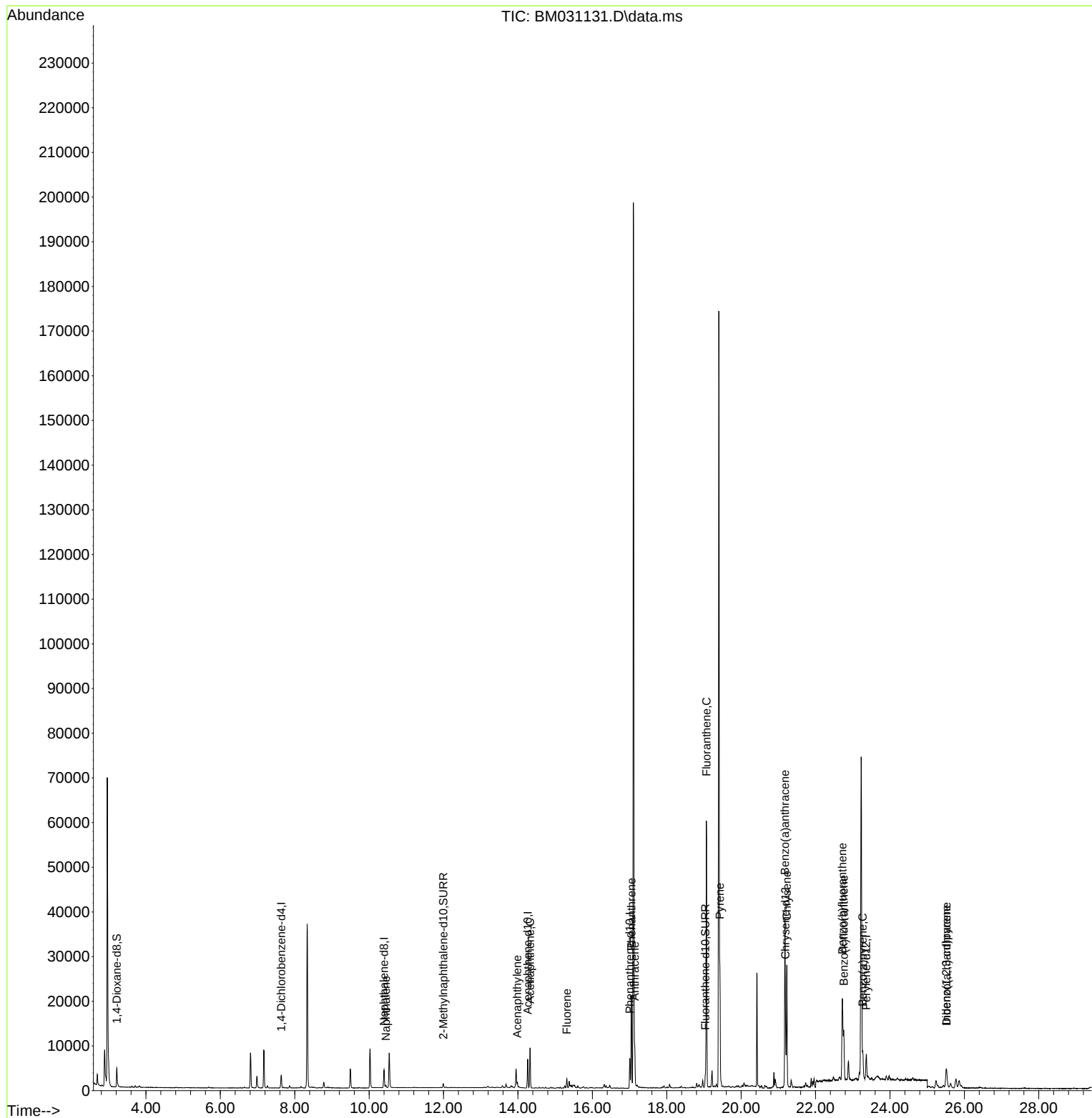
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031131.D
Acq On : 24 Jul 2021 22:05
Operator : CG/JU
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ALS Vial : 44 Sample Multiplier: 1

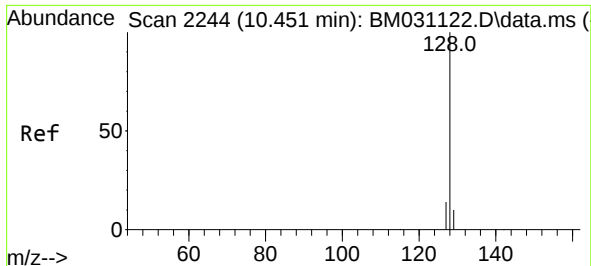
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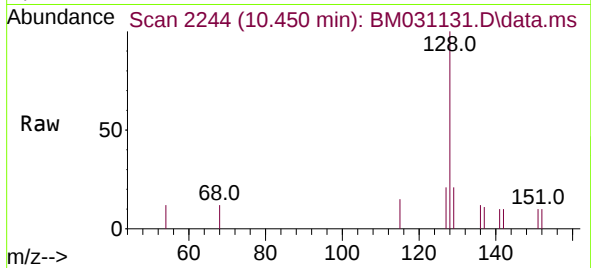
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Quant Time: Jul 26 02:42:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 26 02:23:23 2021
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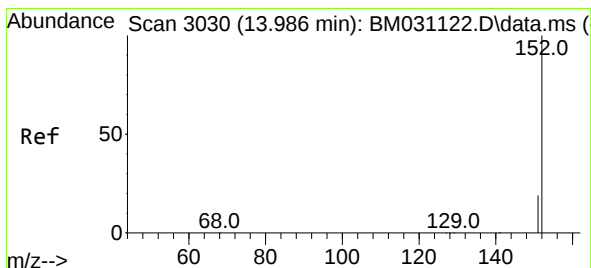
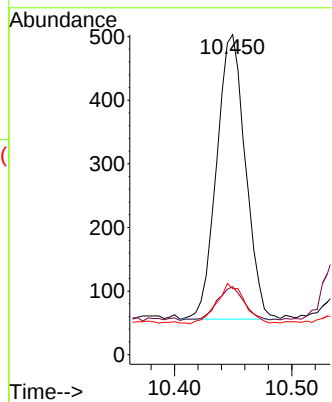
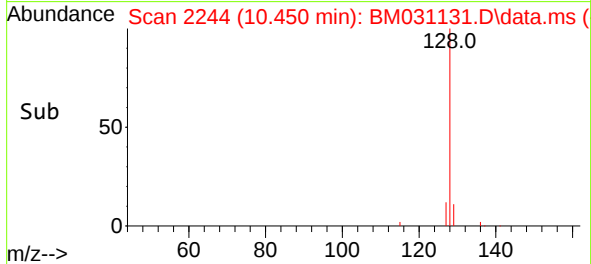




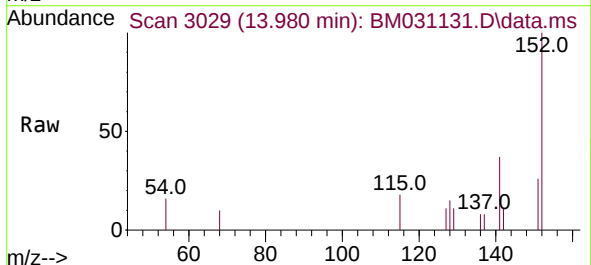
#5
Naphthalene
Concen: 0.05 ng/ul
RT: 10.450 min Scan# 2244
Delta R.T. -0.005 min
Lab File: BM031131.D
Acq: 24 Jul 2021 22:05



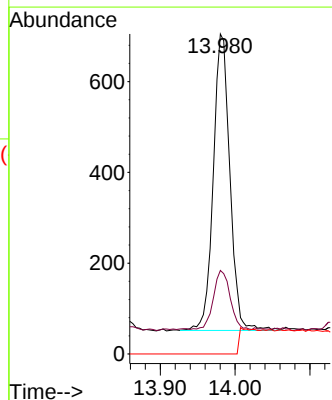
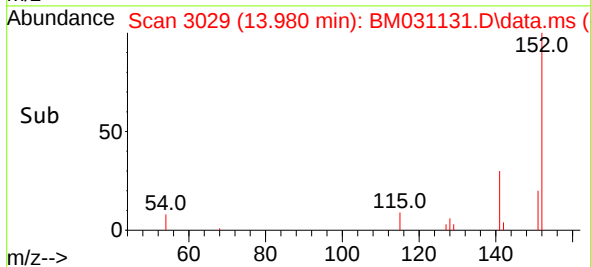
Tgt Ion:128 Resp: 760
Ion Ratio Lower Upper
128 100
129 21.3 10.2 15.4#
127 20.7 11.8 17.8#



#10
Acenaphthylene
Concen: 0.07 ng/ul
RT: 13.980 min Scan# 3029
Delta R.T. -0.010 min
Lab File: BM031131.D
Acq: 24 Jul 2021 22:05



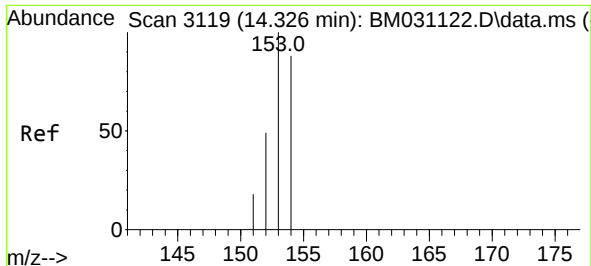
Tgt Ion:152 Resp: 941
Ion Ratio Lower Upper
152 100
151 26.1 17.5 26.3
153 0.0 0.0 0.0



Instrument :
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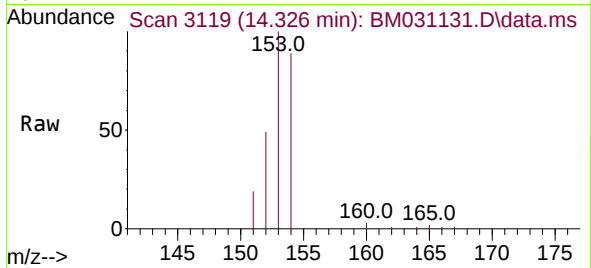
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#11
Acenaphthene
Concen: 0.41 ng/ul
RT: 14.326 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BM031131.D
Acq: 24 Jul 2021 22:05

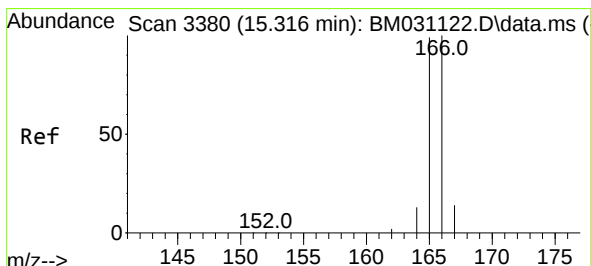
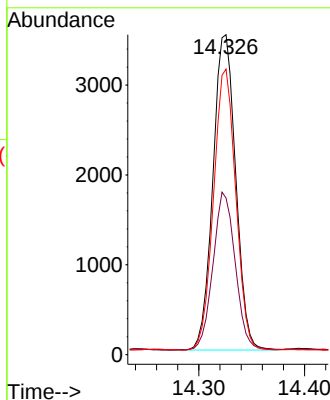
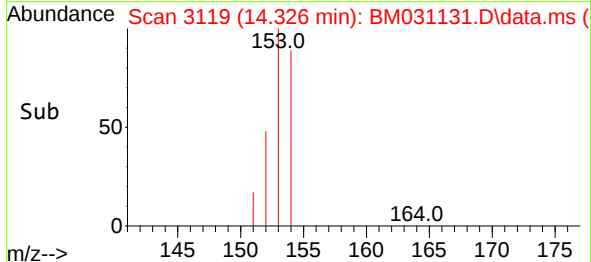
Instrument :
BNA_M
ClientSampleId :
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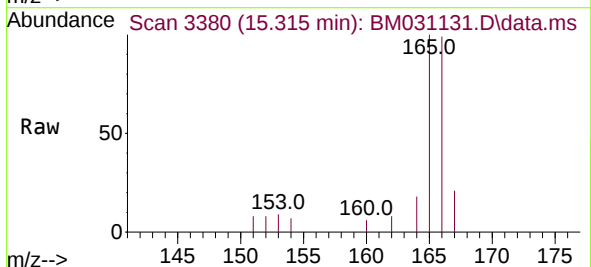
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Ion Ratio Lower Upper
153 100
152 48.9 39.4 59.2
154 89.2 68.2 102.4

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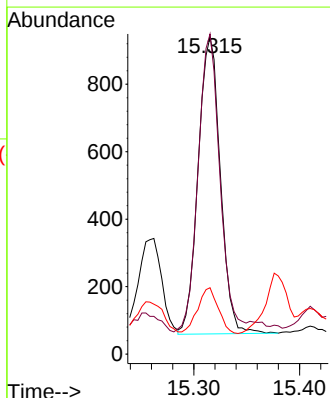
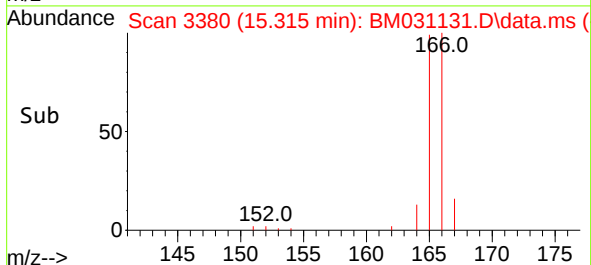
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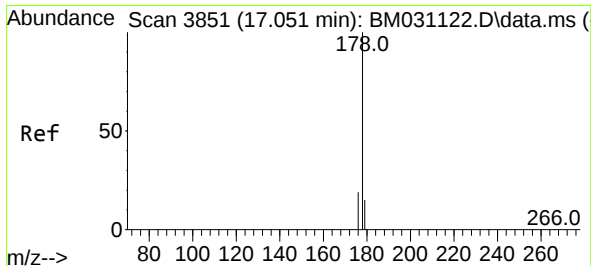


#12
Fluorene
Concen: 0.09 ng/ul
RT: 15.315 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM031131.D
Acq: 24 Jul 2021 22:05



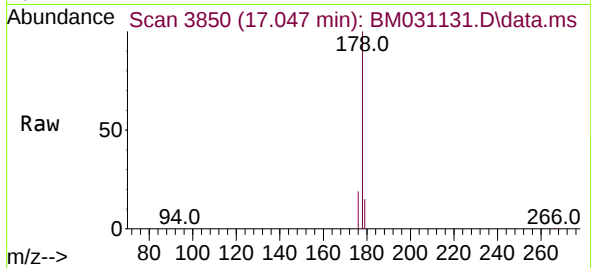
Tgt Ion:166 Resp: 1281
Ion Ratio Lower Upper
166 100
165 100.9 78.2 117.2
167 20.9 12.3 18.5#





#15
Phenanthrene
Concen: 0.89 ng/ul
RT: 17.047 min Scan# 3850
Delta R.T. -0.007 min
Lab File: BM031131.D
Acq: 24 Jul 2021 22:05

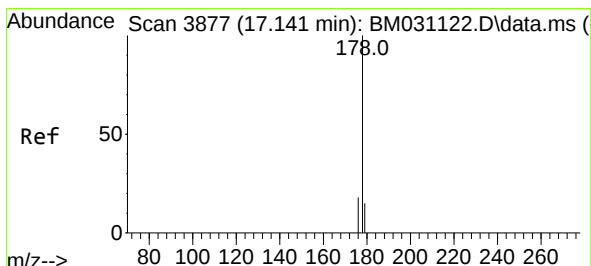
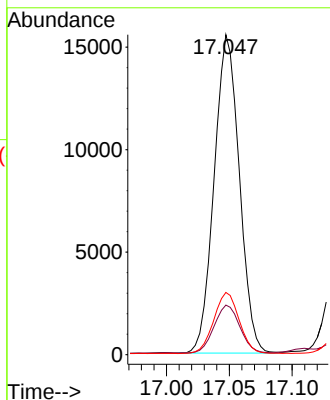
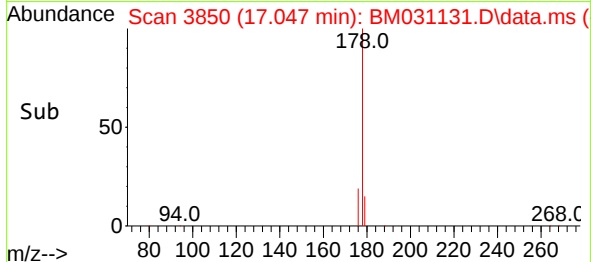
Instrument :
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ClientSampled :
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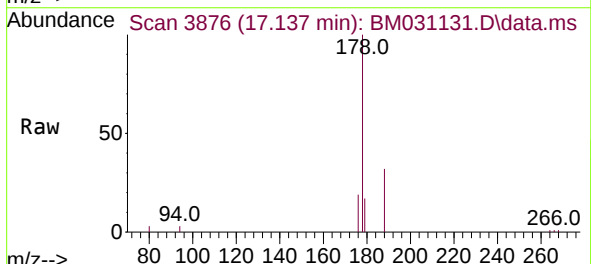
Tgt Ion:178 Resp: 21678
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.4 15.4 23.2

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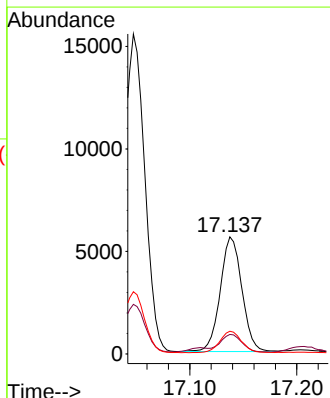
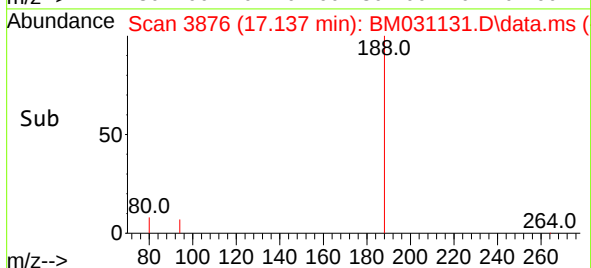
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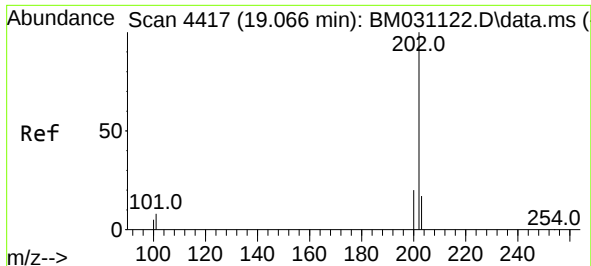


#16
Anthracene
Concen: 0.34 ng/ul
RT: 17.137 min Scan# 3876
Delta R.T. -0.007 min
Lab File: BM031131.D
Acq: 24 Jul 2021 22:05



Tgt Ion:178 Resp: 7872
Ion Ratio Lower Upper
178 100
179 16.7 13.8 20.8
176 19.4 15.7 23.5





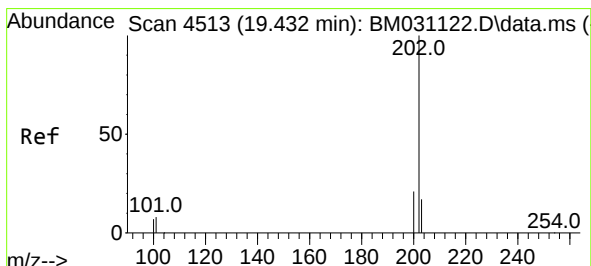
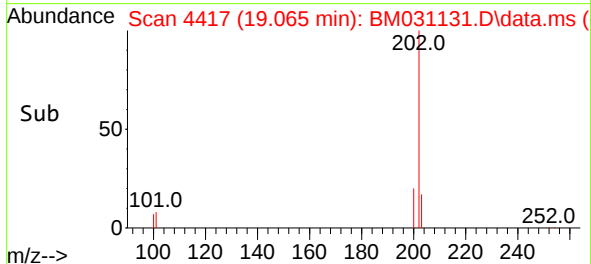
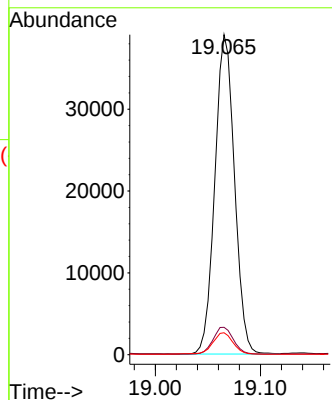
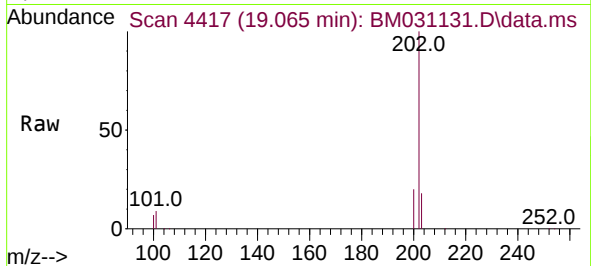
#19
Fluoranthene
Concen: 1.64 ng/ul
RT: 19.065 min Scan# 4417
Delta R.T. -0.004 min
Lab File: BM031131.D
Acq: 24 Jul 2021 22:05

Tgt Ion:	202	Resp:	50750
Ion Ratio	Lower	Upper	
202	100		
101	8.6	6.0	9.0
100	6.8	4.8	7.2

Instrument :
BNA_M
ClientSampleId :
BGE18

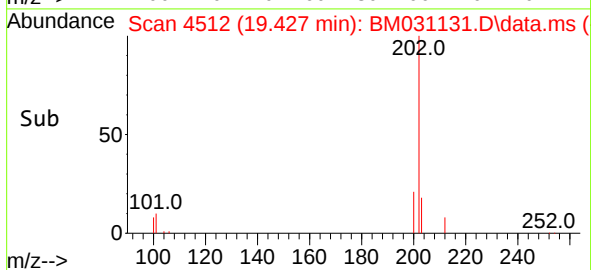
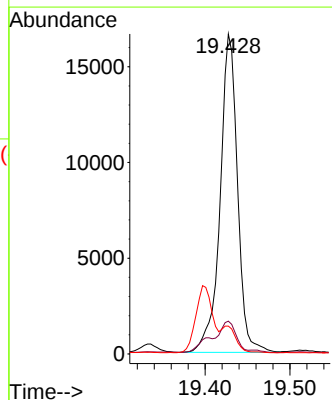
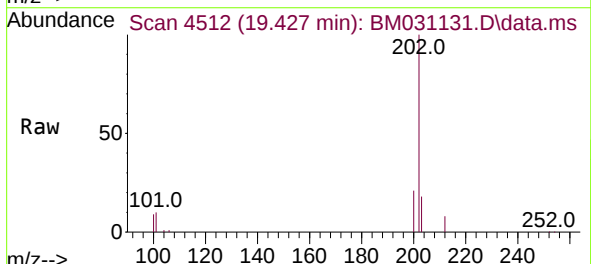
Manual Integrations
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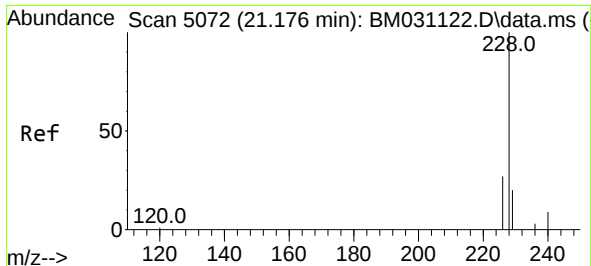
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#20
Pyrene
Concen: 0.75 ng/ul
RT: 19.427 min Scan# 4512
Delta R.T. -0.008 min
Lab File: BM031131.D
Acq: 24 Jul 2021 22:05

Tgt Ion:	202	Resp:	23706
Ion Ratio	Lower	Upper	
202	100		
101	10.3	7.4	11.0
100	8.7	6.0	9.0





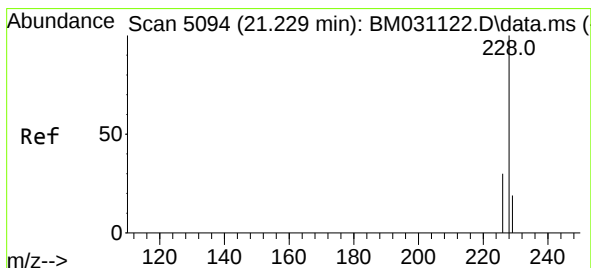
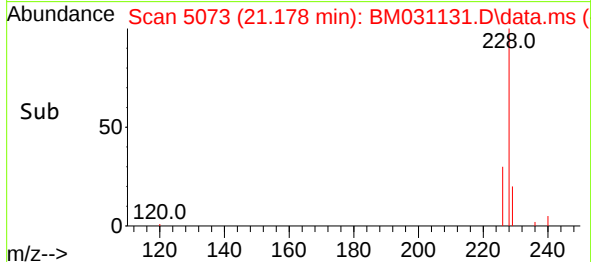
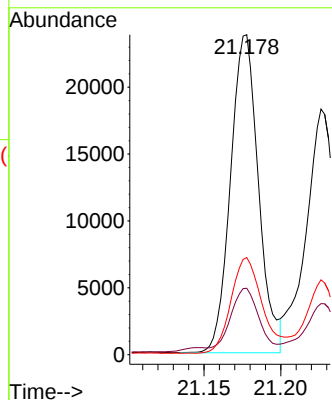
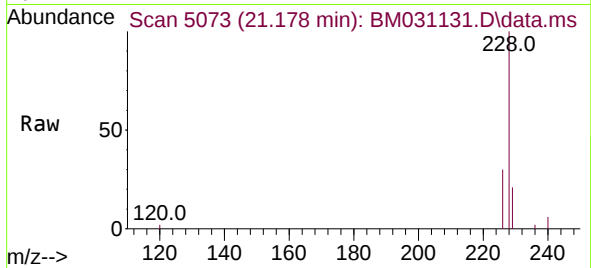
#21
Benzo(a)anthracene
Concen: 0.98 ng/ul
RT: 21.178 min Scan# 5073
Delta R.T. -0.005 min
Lab File: BM031131.D
Acq: 24 Jul 2021 22:05

Tgt Ion:228 Resp: 30165
Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 30.3 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGE18

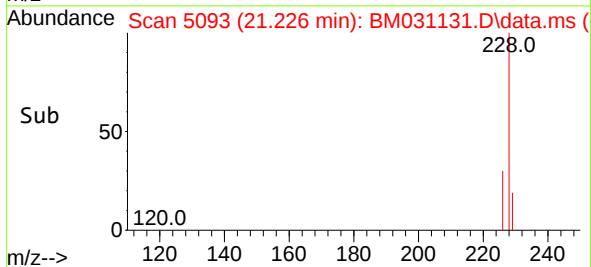
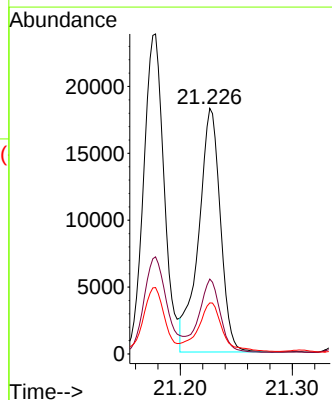
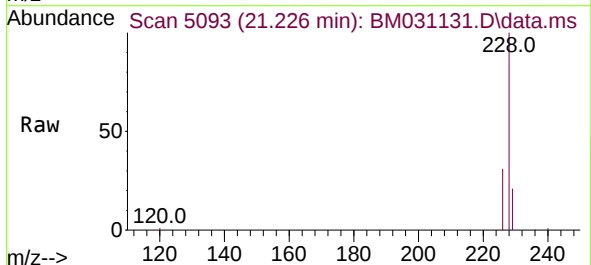
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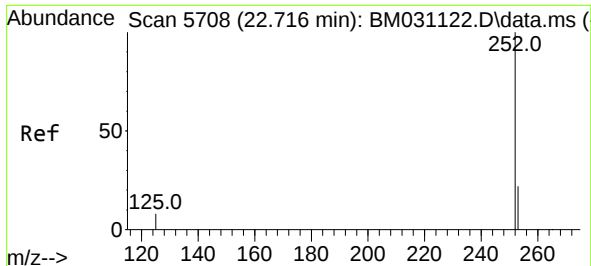
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#22
Chrysene
Concen: 0.74 ng/ul
RT: 21.226 min Scan# 5093
Delta R.T. -0.008 min
Lab File: BM031131.D
Acq: 24 Jul 2021 22:05

Tgt Ion:228 Resp: 24615
Ion Ratio Lower Upper
228 100
226 30.5 24.5 36.7
229 20.8 15.8 23.8





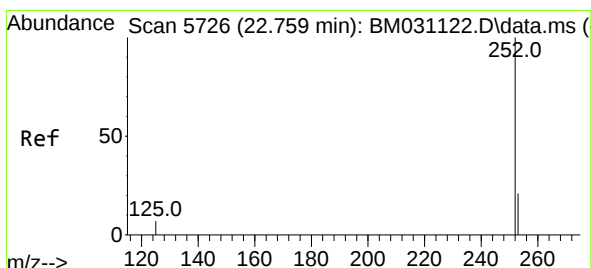
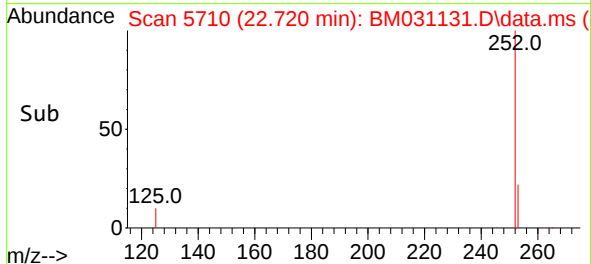
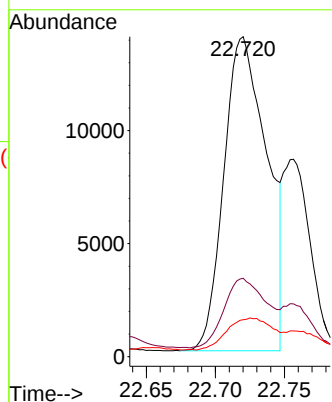
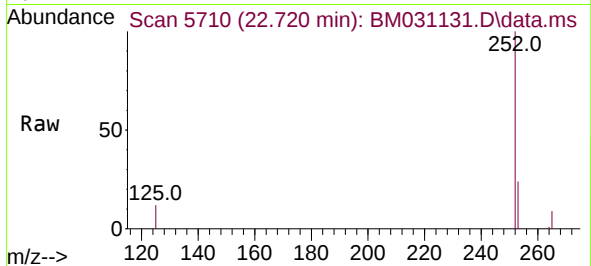
#24
Benzo(b)fluoranthene
Concen: 0.94 ng/ul m
RT: 22.720 min Scan# 5710
Delta R.T. -0.005 min
Lab File: BM031131.D
Acq: 24 Jul 2021 22:05

Tgt Ion:252 Resp: 30079
Ion Ratio Lower Upper
252 100
253 24.5 0.0 52.8
125 11.6 0.0 20.2

Instrument :
BNA_M
ClientSampled :
BGE18

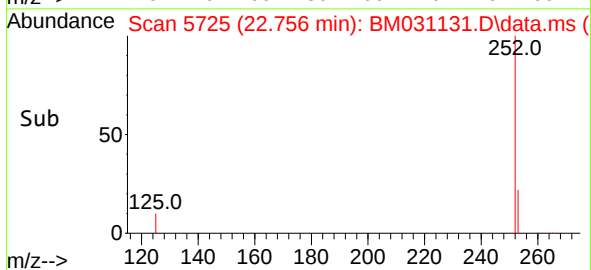
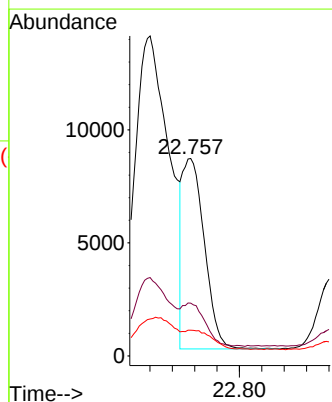
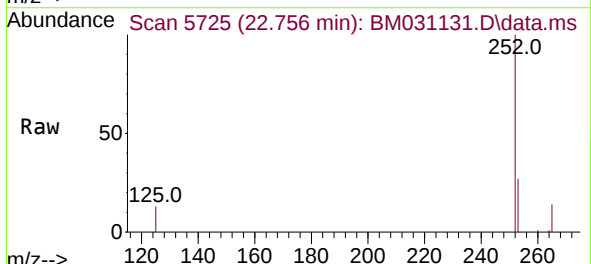
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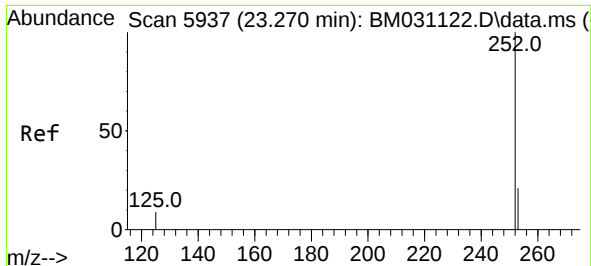
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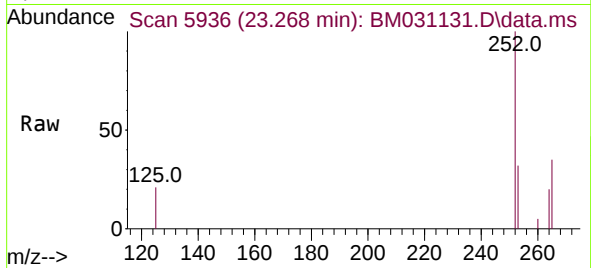
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Benzo(k)fluoranthene
Concen: 0.35 ng/ul m
RT: 22.756 min Scan# 5725
Delta R.T. -0.010 min
Lab File: BM031131.D
Acq: 24 Jul 2021 22:05

Tgt Ion:252 Resp: 11396
Ion Ratio Lower Upper
252 100
253 26.7 21.6 32.4
125 13.0 8.6 13.0#

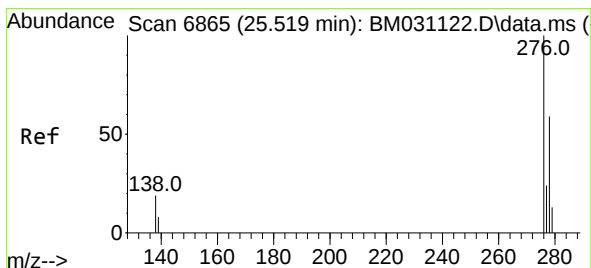
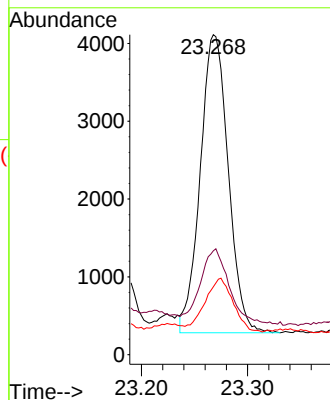
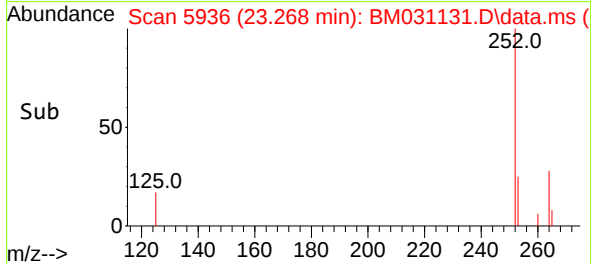




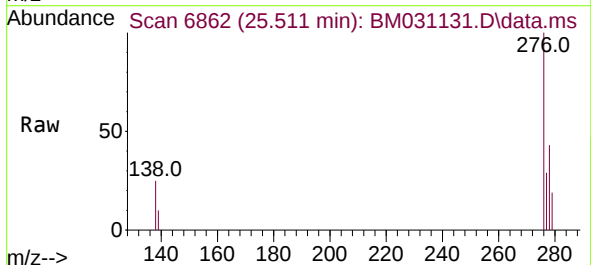
#26
Benzo(a)pyrene
Concen: 0.26 ng/ul
RT: 23.268 min Scan# 5936
Delta R.T. -0.012 min
Lab File: BM031131.D
Acq: 24 Jul 2021 22:05



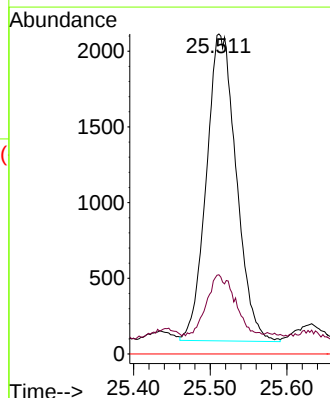
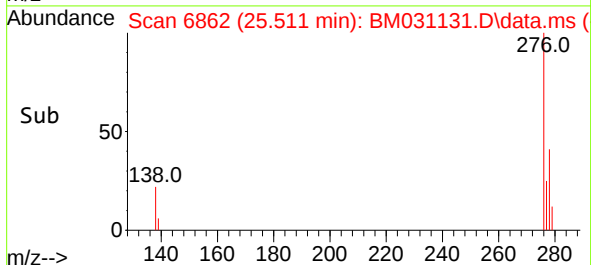
Tgt Ion:252 Resp: 7037
Ion Ratio Lower Upper
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253 32.4 23.1 34.7
125 21.2 10.7 16.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.15 ng/ul
RT: 25.511 min Scan# 6862
Delta R.T. -0.022 min
Lab File: BM031131.D
Acq: 24 Jul 2021 22:05



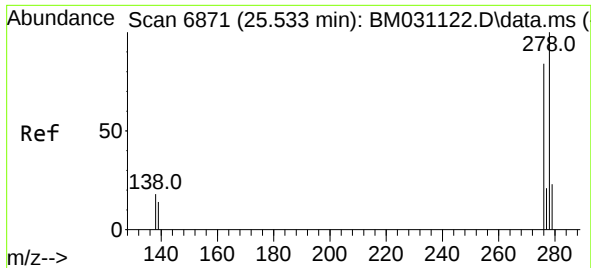
Tgt Ion:276 Resp: 5496
Ion Ratio Lower Upper
276 100
138 20.3 15.4 23.0
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
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#28

Dibenzo(a,h)anthracene

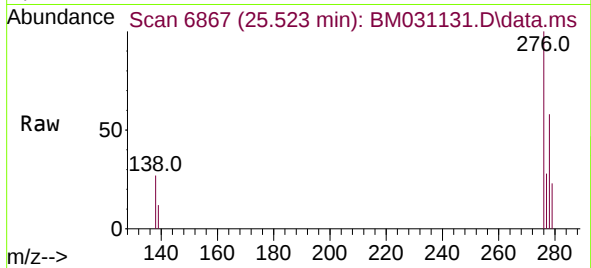
Concen: 0.11 ng/ul

RT: 25.523 min Scan# 6867

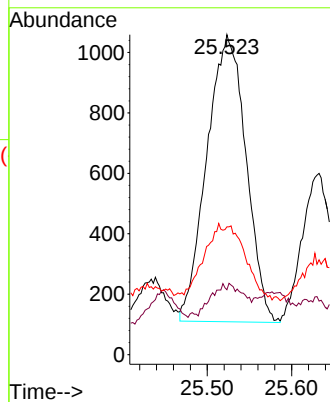
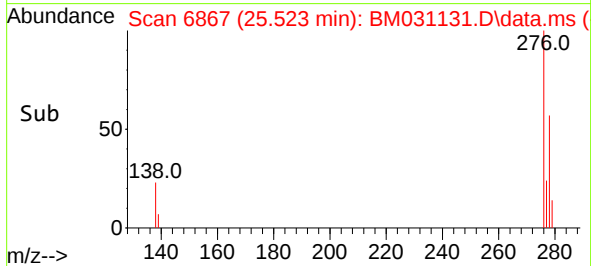
Delta R.T. -0.022 min

Lab File: BM031131.D

Acq: 24 Jul 2021 22:05



Tgt Ion:	278	Resp:	3065
Ion Ratio	Lower	Upper	
278	100		
139	20.3	12.6	18.8#
279	39.9	22.6	34.0#



Instrument :

BNA_M

ClientSampleId :

BGE18

Manual Integrations
APPROVED

mohammad
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