

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031108.D
 Acq On : 24 Jul 2021 03:20
 Operator : CG/JU
 Sample : M2970-18DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGED1DL

Manual Integrations
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Quant Time: Jul 24 04:20:41 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	7.639	152	1911	0.40	ng/ul	0.00
4) Naphthalene-d8	10.401	136	7501	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	4908	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.009	188	10587	0.40	ng/ul	0.00
17) Chrysene-d12	21.193	240	10397	0.40	ng/ul	0.00
23) Perylene-d12	23.365	264	9704	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	1070	0.53	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.998	152	540	0.04	ng/ul	0.00
18) Fluoranthene-d10	19.039	212	1633	0.05	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.451	128	11358	0.51	ng/ul	98
7) 2-Methylnaphthalene	12.070	142	5631	0.35	ng/ul	99
8) 1-Methylnaphthalene	12.290	142	6384	0.41	ng/ul	99
10) Acenaphthylene	13.986	152	13975	0.70	ng/ul	97
11) Acenaphthene	14.326	153	22957	1.29	ng/ul	98
12) Fluorene	15.316	166	20886	1.00	ng/ul	98
15) Phenanthrene	17.051	178	185659	5.52	ng/ul	98
16) Anthracene	17.141	178	56764	1.80	ng/ul	97
19) Fluoranthene	19.070	202	440355	10.52	ng/ul	98
20) Pyrene	19.432	202	272709	6.38	ng/ul	99
21) Benzo(a)anthracene	21.176	228	232593	5.60	ng/ul	97
22) Chrysene	21.229	228	171557	3.82	ng/ul	98
24) Benzo(b)fluoranthene	22.721	252	208386m	4.57	ng/ul	
25) Benzo(k)fluoranthene	22.757	252	84032m	1.82	ng/ul	
26) Benzo(a)pyrene	23.271	252	87104	2.21	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.517	276	52877	1.02	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.526	278	20859	0.50	ng/ul	96
29) Benzo(g,h,i)perylene	26.171	276	1809	0.04	ng/ul#	62

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

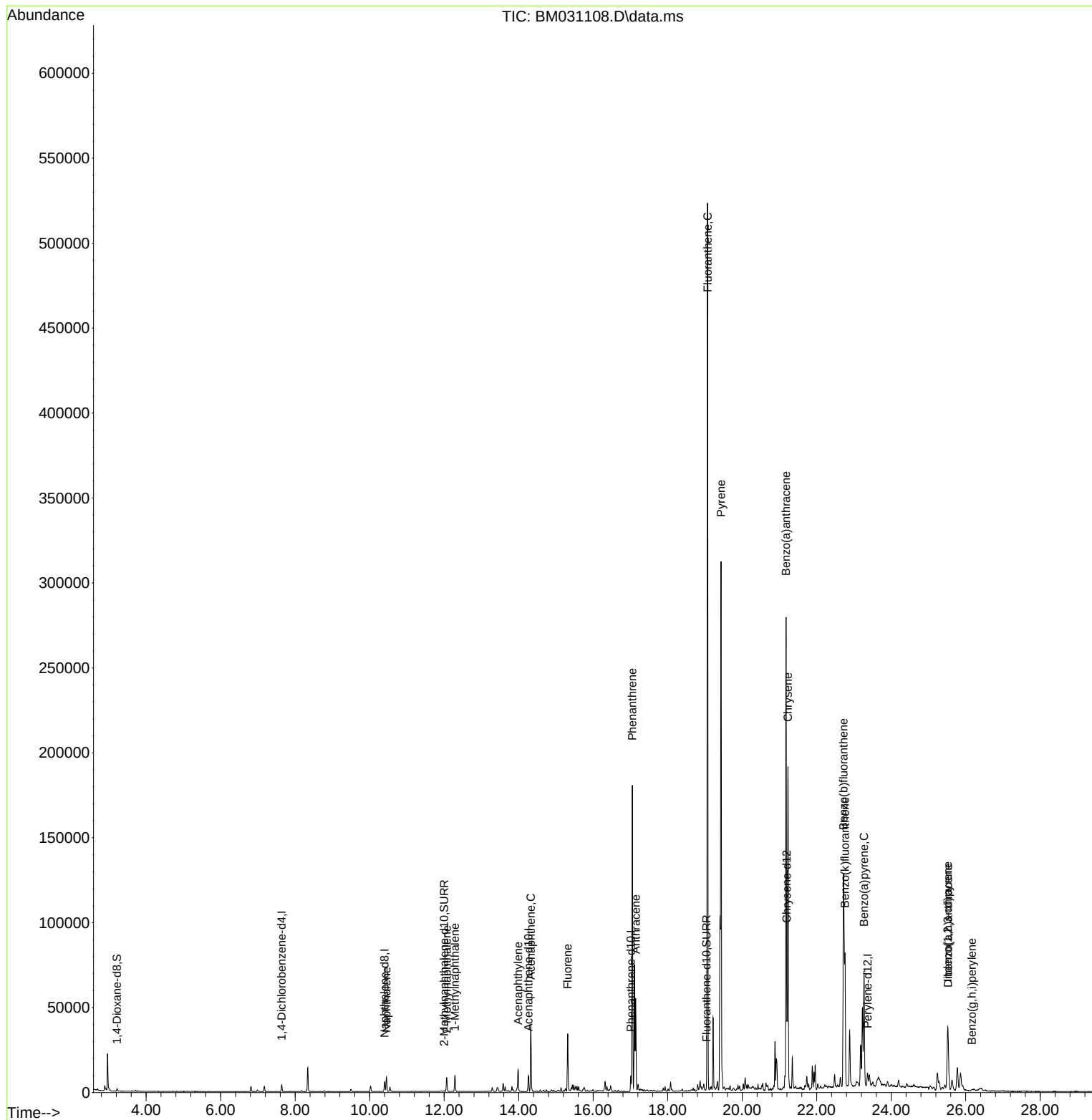
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
Data File : BM031108.D
Acq On : 24 Jul 2021 03:20
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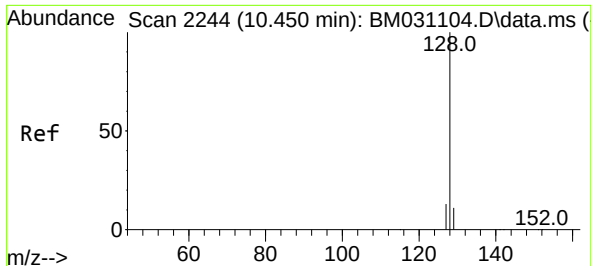
Instrument :
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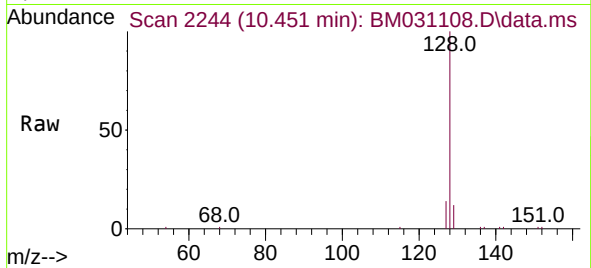
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Quant Time: Jul 24 04:20:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 18:04:27 2021
Response via : Initial Calibration

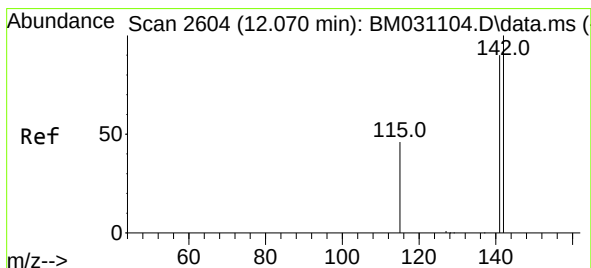
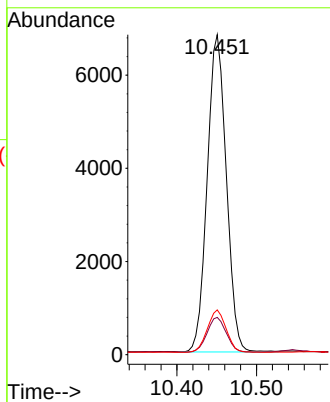
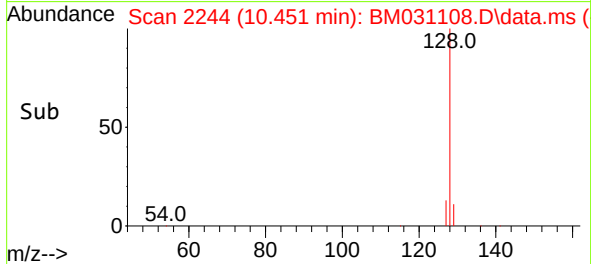




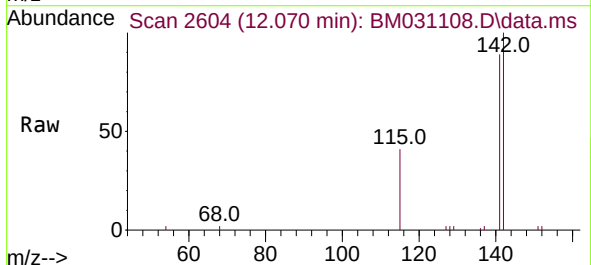
#5
Naphthalene
Concen: 0.51 ng/ul
RT: 10.451 min Scan# 2244
Delta R.T. -0.004 min
Lab File: BM031108.D
Acq: 24 Jul 2021 03:20



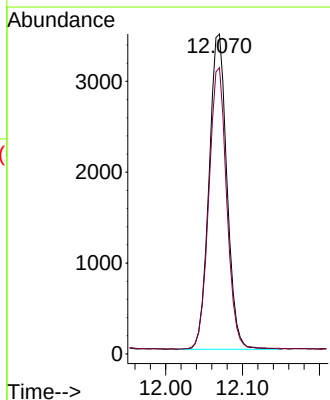
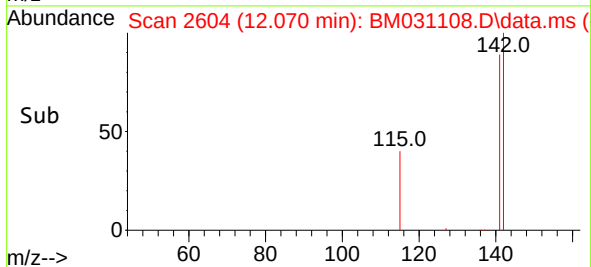
Tgt Ion:128 Resp: 11358
Ion Ratio Lower Upper
128 100
129 11.6 10.2 15.4
127 14.0 11.8 17.8



#7
2-Methylnaphthalene
Concen: 0.35 ng/ul
RT: 12.070 min Scan# 2604
Delta R.T. -0.004 min
Lab File: BM031108.D
Acq: 24 Jul 2021 03:20



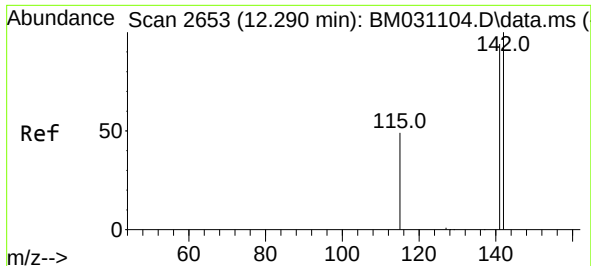
Tgt Ion:142 Resp: 5631
Ion Ratio Lower Upper
142 100
141 88.8 71.5 107.3



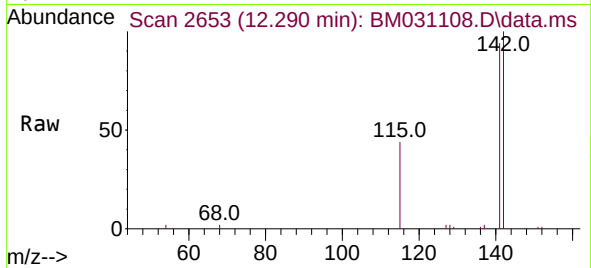
Instrument :
BNA_M
ClientSampleId :
BGED1DL

Manual Integrations
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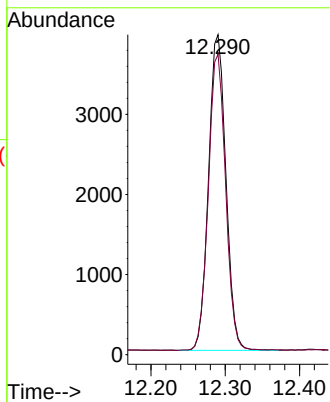
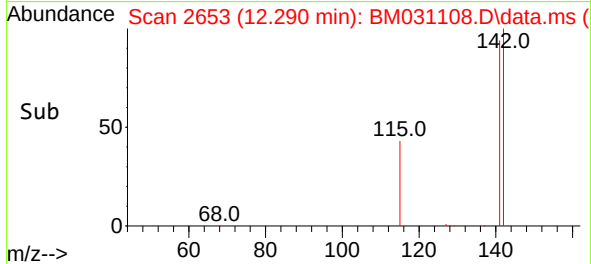
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#8
1-Methylnaphthalene
Concen: 0.41 ng/ul
RT: 12.290 min Scan# 2653
Delta R.T. -0.004 min
Lab File: BM031108.D
Acq: 24 Jul 2021 03:20



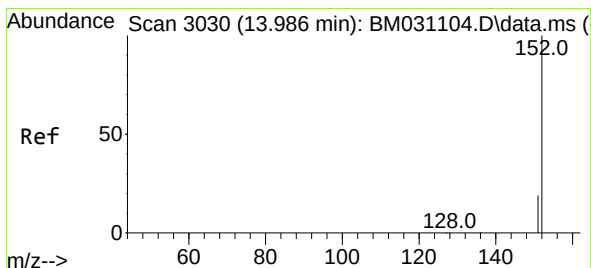
Tgt Ion:142 Resp: 6384
Ion Ratio Lower Upper
142 100
141 93.4 74.2 111.4



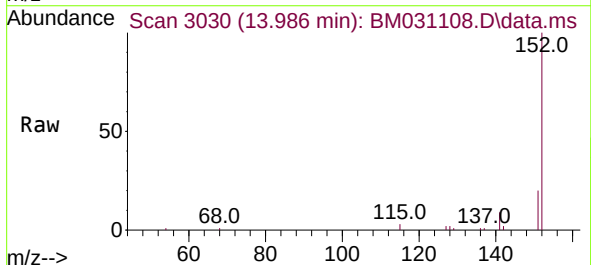
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BNA_M
ClientSampleID :
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Manual Integrations
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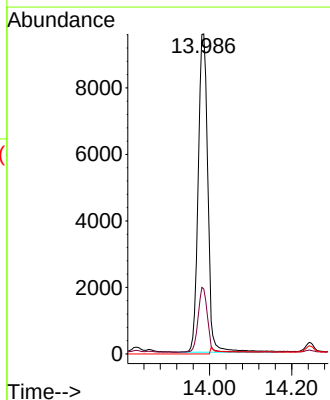
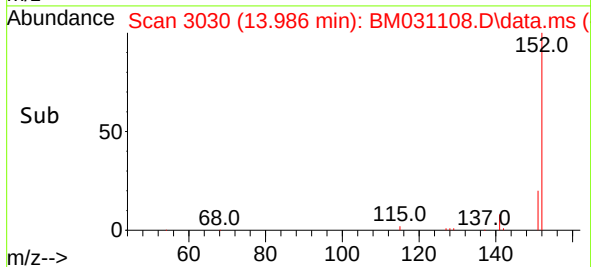
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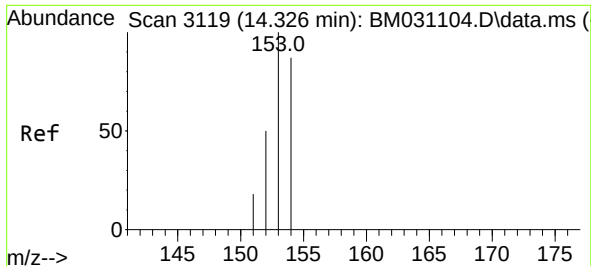


#10
Acenaphthylene
Concen: 0.70 ng/ul
RT: 13.986 min Scan# 3030
Delta R.T. -0.004 min
Lab File: BM031108.D
Acq: 24 Jul 2021 03:20



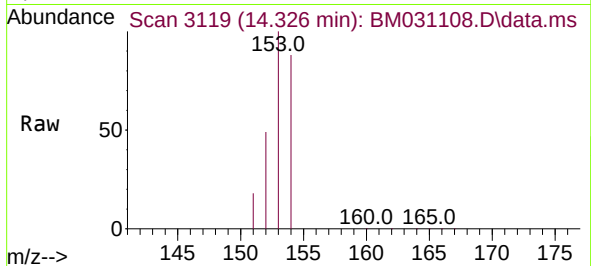
Tgt Ion:152 Resp: 13975
Ion Ratio Lower Upper
152 100
151 20.3 17.5 26.3
153 0.0 0.0 0.0



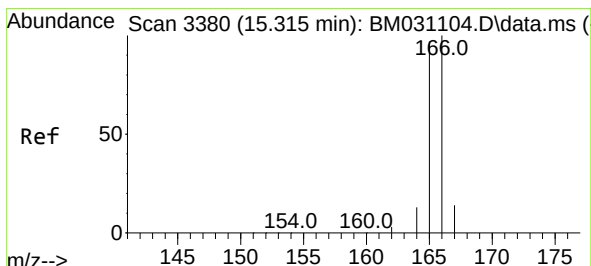
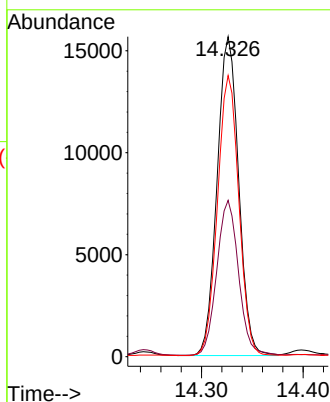
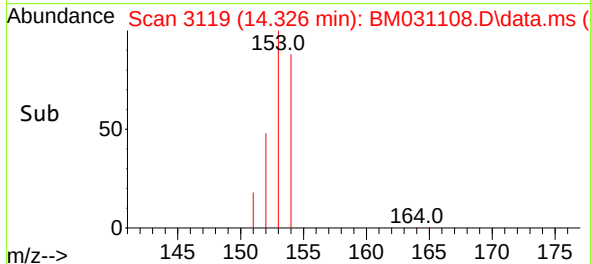


#11
Acenaphthene
Concen: 1.29 ng/ul
RT: 14.326 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BM031108.D
Acq: 24 Jul 2021 03:20

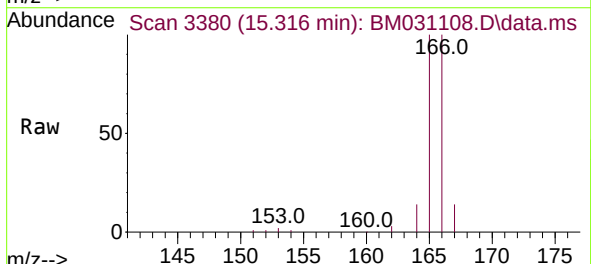
Instrument :
BNA_M
ClientSampled :
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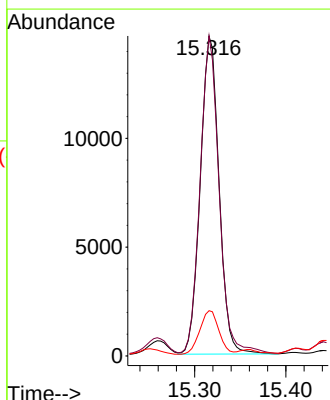
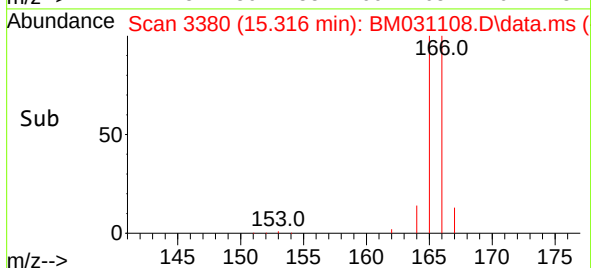
Tgt Ion:153 Resp: 22957
Ion Ratio Lower Upper
153 100
152 48.9 39.4 59.2
154 87.8 68.2 102.4

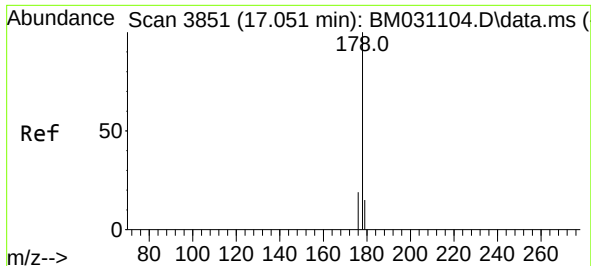


#12
Fluorene
Concen: 1.00 ng/ul
RT: 15.316 min Scan# 3380
Delta R.T. -0.004 min
Lab File: BM031108.D
Acq: 24 Jul 2021 03:20



Tgt Ion:166 Resp: 20886
Ion Ratio Lower Upper
166 100
165 100.1 78.2 117.2
167 14.2 12.3 18.5





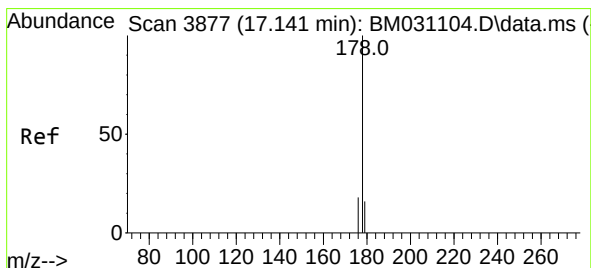
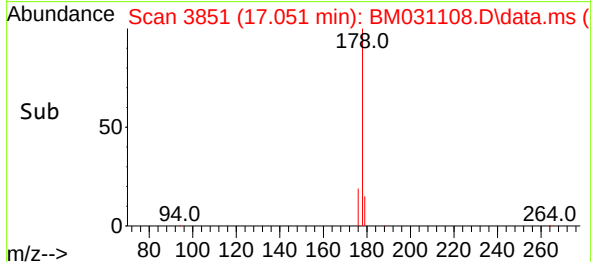
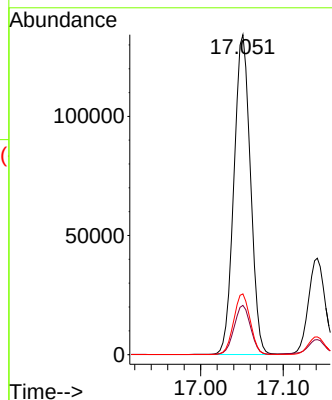
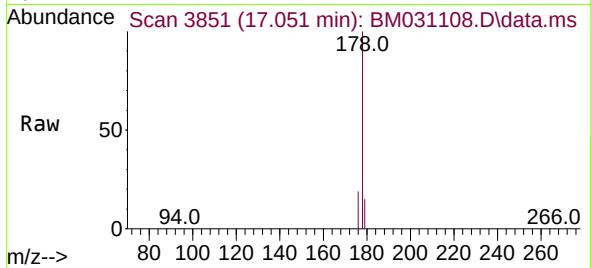
#15
Phenanthrene
Concen: 5.52 ng/ul
RT: 17.051 min Scan# 3851
Delta R.T. -0.003 min
Lab File: BM031108.D
Acq: 24 Jul 2021 03:20

Tgt Ion:178 Resp: 185659
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.0 15.4 23.2

Instrument :
BNA_M
ClientSampled :
BGED1DL

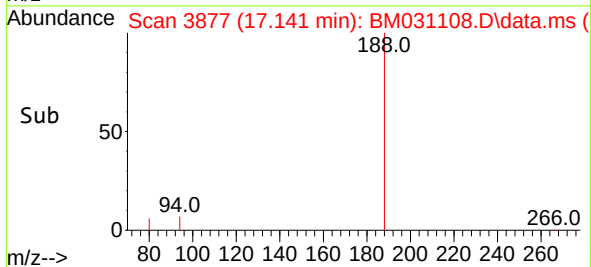
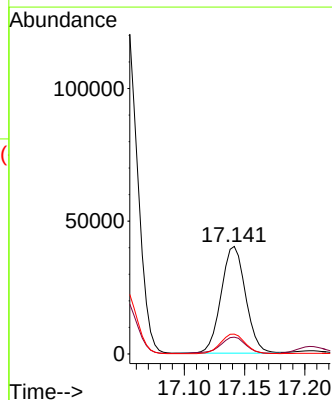
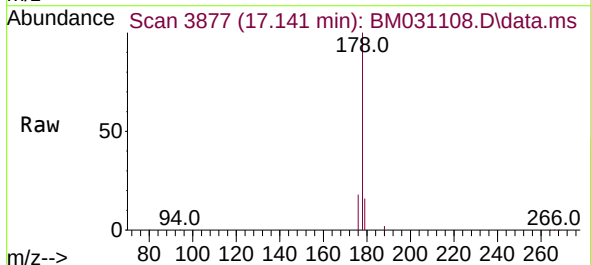
Manual Integrations
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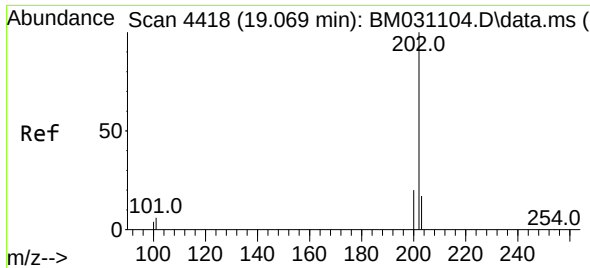
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#16
Anthracene
Concen: 1.80 ng/ul
RT: 17.141 min Scan# 3877
Delta R.T. -0.003 min
Lab File: BM031108.D
Acq: 24 Jul 2021 03:20

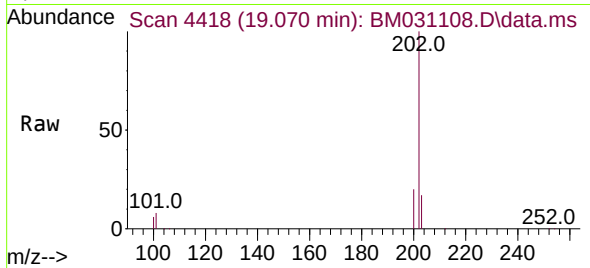
Tgt Ion:178 Resp: 56764
Ion Ratio Lower Upper
178 100
179 15.7 13.8 20.8
176 18.4 15.7 23.5





#19
Fluoranthene
Concen: 10.52 ng/ul
RT: 19.070 min Scan# 4418
Delta R.T. 0.000 min
Lab File: BM031108.D
Acq: 24 Jul 2021 03:20

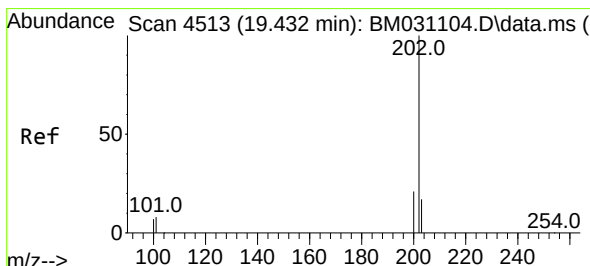
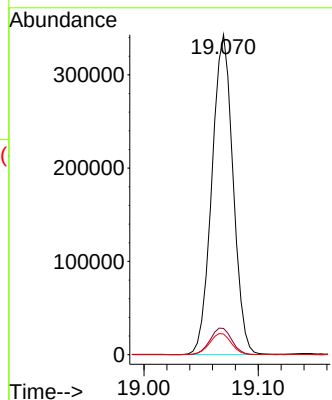
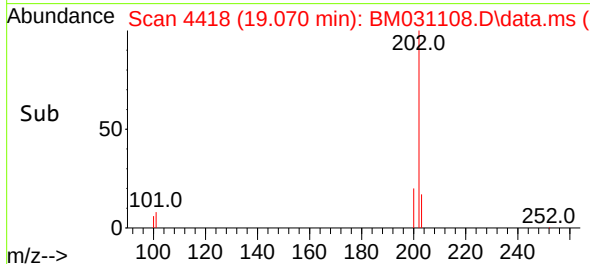
Instrument :
BNA_M
ClientSampled :
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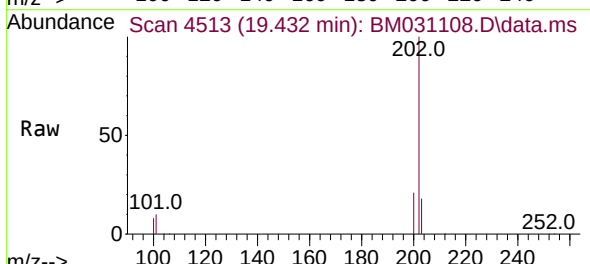
Tgt Ion:202 Resp: 440355
Ion Ratio Lower Upper
202 100
101 8.2 6.0 9.0
100 6.4 4.8 7.2

Manual Integrations
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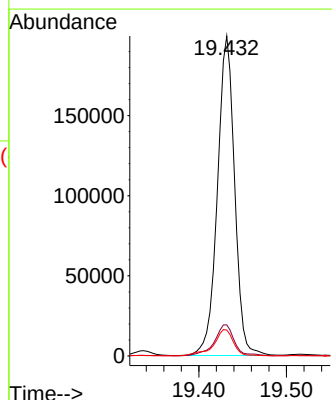
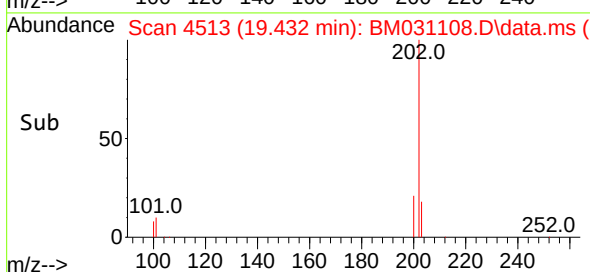
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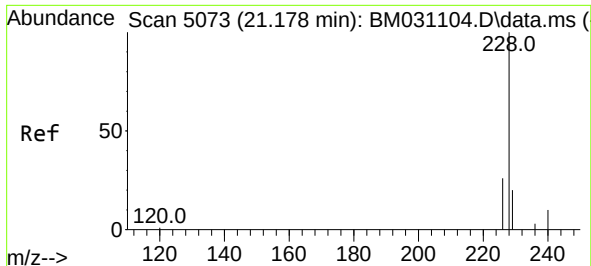


#20
Pyrene
Concen: 6.38 ng/ul
RT: 19.432 min Scan# 4513
Delta R.T. -0.004 min
Lab File: BM031108.D
Acq: 24 Jul 2021 03:20



Tgt Ion:202 Resp: 272709
Ion Ratio Lower Upper
202 100
101 9.7 7.4 11.0
100 8.1 6.0 9.0





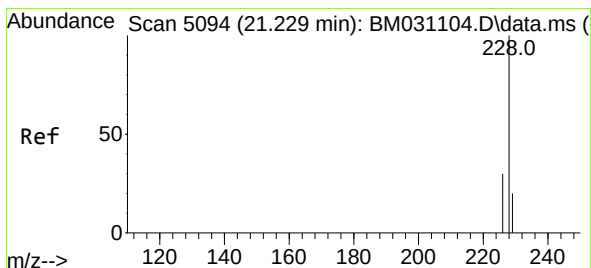
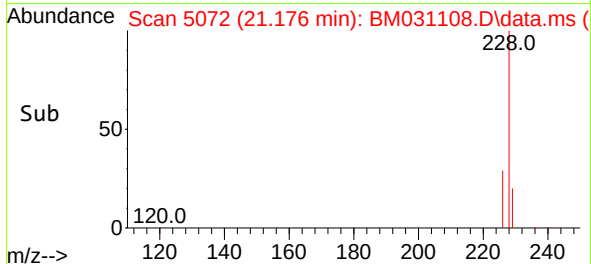
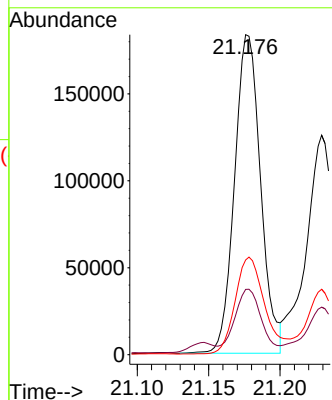
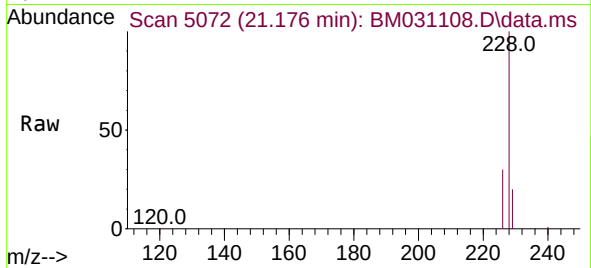
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Benzo(a)anthracene
Concen: 5.60 ng/ul
RT: 21.176 min Scan# 5072
Delta R.T. -0.007 min
Lab File: BM031108.D
Acq: 24 Jul 2021 03:20

Tgt Ion:228 Resp: 232593
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 29.6 21.4 32.2

Instrument :
BNA_M
ClientSampled :
BGED1DL

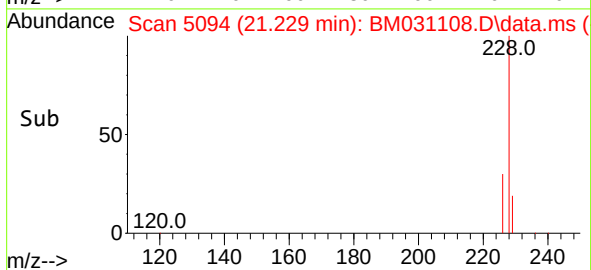
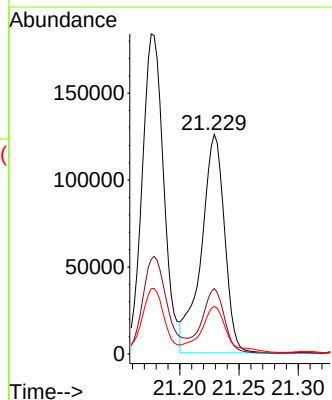
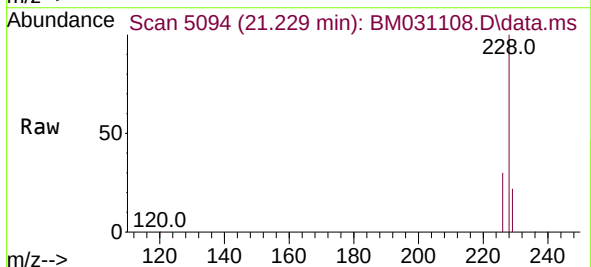
Manual Integrations
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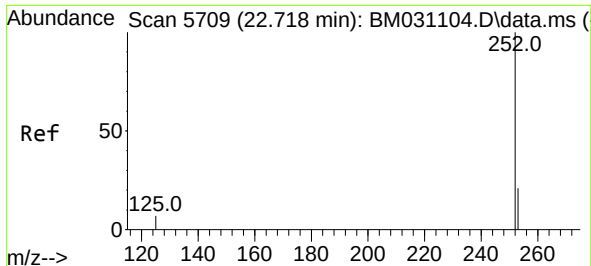
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#22
Chrysene
Concen: 3.82 ng/ul
RT: 21.229 min Scan# 5094
Delta R.T. -0.005 min
Lab File: BM031108.D
Acq: 24 Jul 2021 03:20

Tgt Ion:228 Resp: 171557
Ion Ratio Lower Upper
228 100
226 29.8 24.5 36.7
229 21.7 15.8 23.8





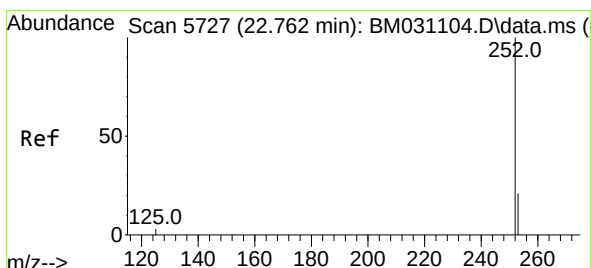
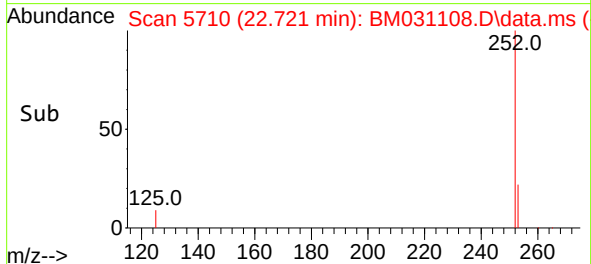
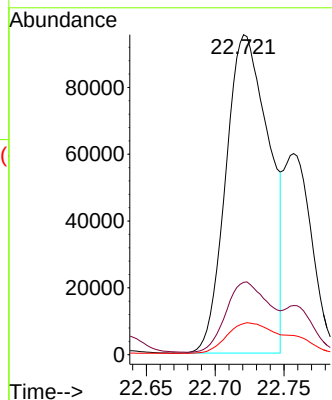
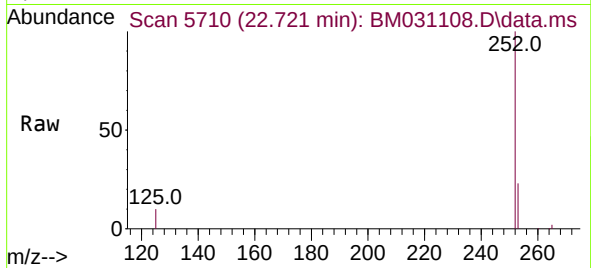
#24
Benzo(b)fluoranthene
Concen: 4.57 ng/ul m
RT: 22.721 min Scan# 5710
Delta R.T. -0.005 min
Lab File: BM031108.D
Acq: 24 Jul 2021 03:20

Tgt Ion:252 Resp: 208386
Ion Ratio Lower Upper
252 100
253 22.6 0.0 52.8
125 9.7 0.0 20.2

Instrument :
BNA_M
ClientSampled :
BGED1DL

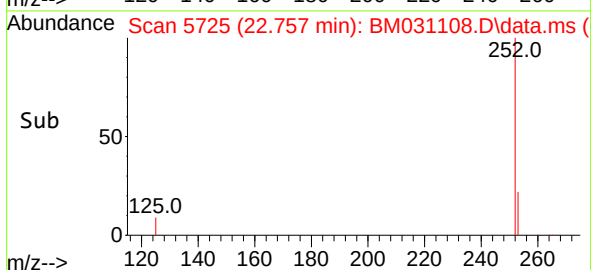
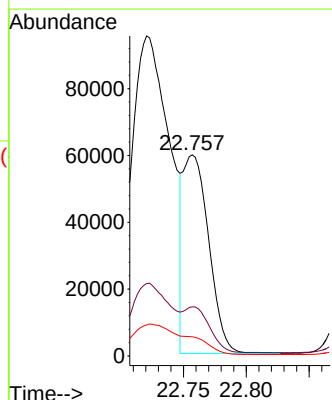
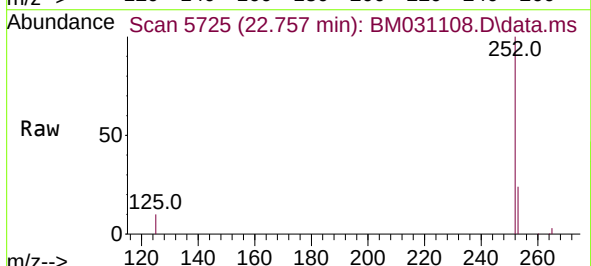
Manual Integrations
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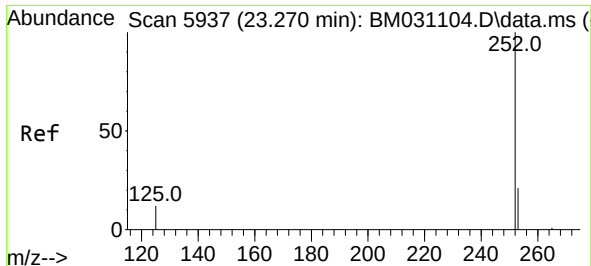
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#25
Benzo(k)fluoranthene
Concen: 1.82 ng/ul m
RT: 22.757 min Scan# 5725
Delta R.T. -0.010 min
Lab File: BM031108.D
Acq: 24 Jul 2021 03:20

Tgt Ion:252 Resp: 84032
Ion Ratio Lower Upper
252 100
253 24.4 21.6 32.4
125 9.6 8.6 13.0





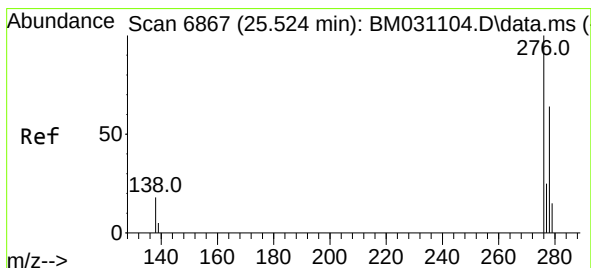
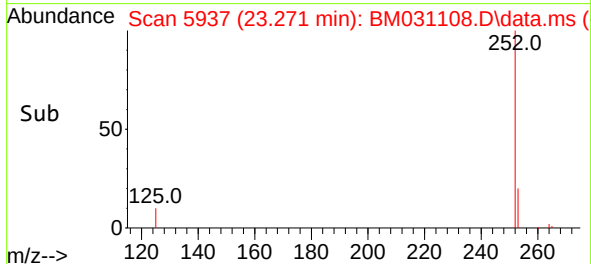
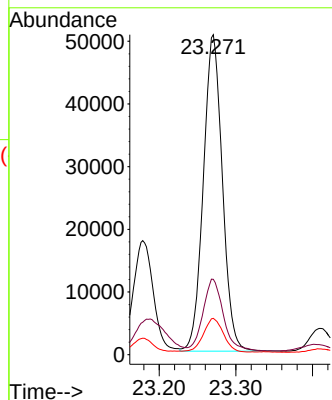
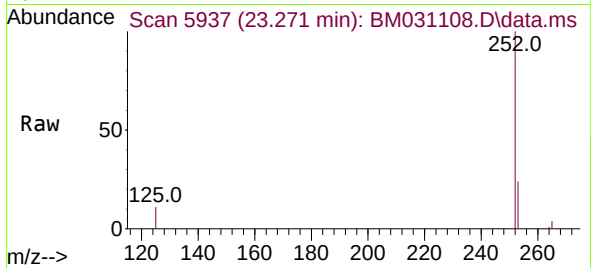
#26
Benzo(a)pyrene
Concen: 2.21 ng/ul
RT: 23.271 min Scan# 5937
Delta R.T. -0.010 min
Lab File: BM031108.D
Acq: 24 Jul 2021 03:20

Tgt Ion:	252	Resp:	87104
Ion Ratio	Lower	Upper	
252	100		
253	23.6	23.1	34.7
125	11.3	10.7	16.1

Instrument :
BNA_M
ClientSampleId :
BGED1DL

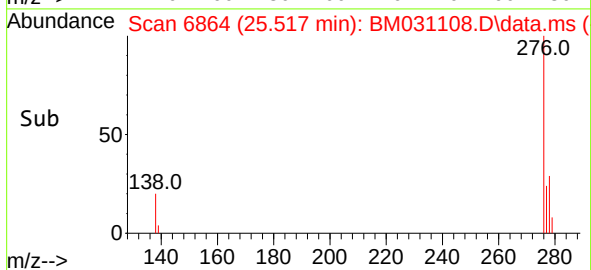
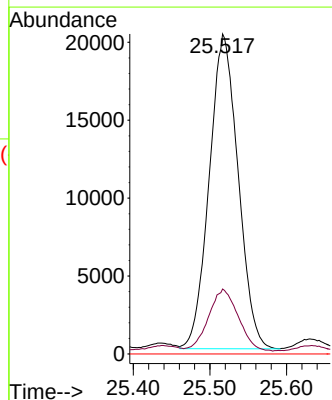
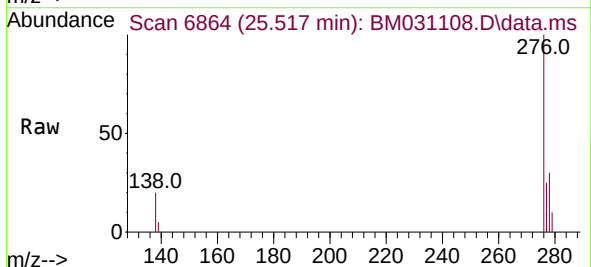
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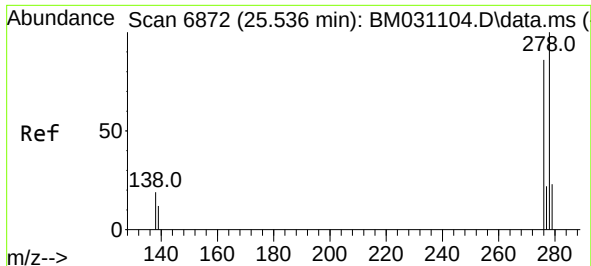
mohammad
7/26/2021 1:26:28 PM



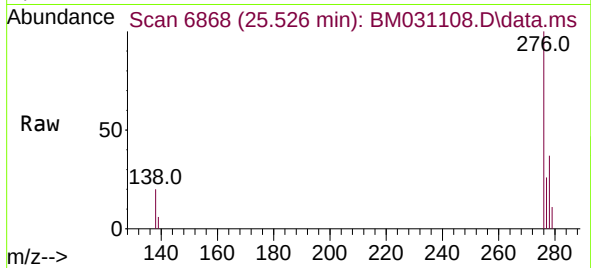
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.02 ng/ul
RT: 25.517 min Scan# 6864
Delta R.T. -0.017 min
Lab File: BM031108.D
Acq: 24 Jul 2021 03:20

Tgt Ion:	276	Resp:	52877
Ion Ratio	Lower	Upper	
276	100		
138	20.3	15.4	23.0
227	0.0	0.0	0.0

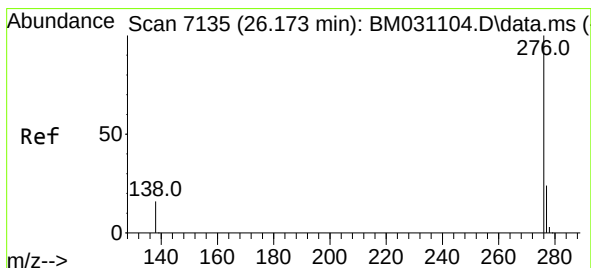
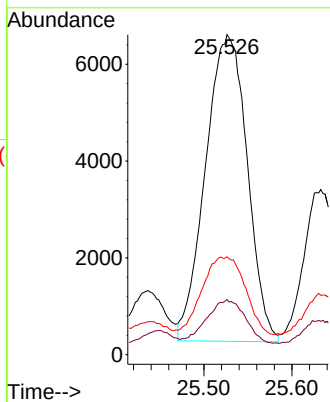
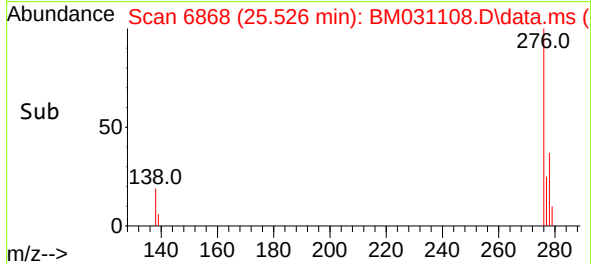




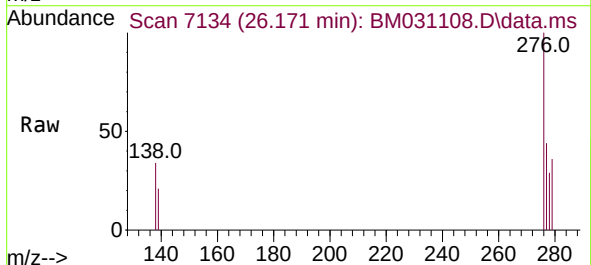
#28
Dibenzo(a,h)anthracene
Concen: 0.50 ng/ul
RT: 25.526 min Scan# 6868
Delta R.T. -0.019 min
Lab File: BM031108.D
Acq: 24 Jul 2021 03:20



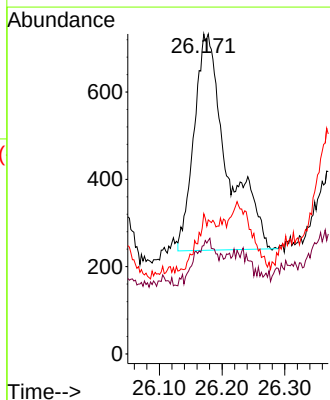
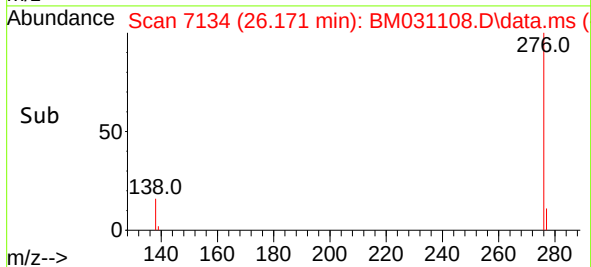
Tgt Ion:278 Resp: 20859
Ion Ratio Lower Upper
278 100
139 17.2 12.6 18.8
279 30.6 22.6 34.0



#29
Benzo(g,h,i)perylene
Concen: 0.04 ng/ul
RT: 26.171 min Scan# 7134
Delta R.T. -0.022 min
Lab File: BM031108.D
Acq: 24 Jul 2021 03:20



Tgt Ion:276 Resp: 1809
Ion Ratio Lower Upper
276 100
138 33.8 14.0 21.0#
277 43.8 19.9 29.9#



Instrument :
BNA_M
ClientSampleID :
BGED1DL

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