Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
Data File : BM031228.D
Acq On : 29 Jul 2021 01:19
Operator : CG/JU
Sample : M3082-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0001

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Quant Time: Jul 29 03:22:58 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 : Wed Jul 28 15:20:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.615	152	1691	0.400	ng/ul		0.00
4) Naphthalene-d8	10.379	136	6316	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.246	164	3732	0.400	ng/ul		0.00
13) Phenanthrene-d10	16.992	188	7430	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.178	240	5874	0.400	ng/ul	#	0.00
23) Perylene-d12	23.343	264	5659	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.199	96	1965	1.046	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.971	152	857	0.081	ng/ul		0.00
18) Fluoranthene-d10	19.020	212	1943	0.099	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.424	128	1700	0.090	ng/ul		94
7) 2-Methylnaphthalene	12.047	142	906	0.070	ng/ul		99
8) 1-Methylnaphthalene	12.268	142	484	0.038	ng/ul		98
10) Acenaphthylene	13.963	152	1510	0.095	ng/ul	#	91
15) Phenanthrene	17.034	178	4890	0.207	ng/ul		99
16) Anthracene	17.124	178	1612	0.073	ng/ul	#	92
19) Fluoranthene	19.050	202	14152	0.564	ng/ul		96
20) Pyrene	19.416	202	10128	0.398	ng/ul		97
21) Benzo(a)anthracene	21.164	228	7350	0.310	ng/ul		94
22) Chrysene	21.215	228	7232	0.295	ng/ul		97
24) Benzo(b)fluoranthene	22.701	252	9721m	0.381	ng/ul		
25) Benzo(k)fluoranthene	22.740	252	3543m	0.134	ng/ul		
26) Benzo(a)pyrene	23.251	252	3081	0.138	ng/ul	#	67
27) Indeno(1,2,3-cd)pyrene	25.487	276	2685	0.093	ng/ul	#	99
28) Dibenzo(a,h)anthracene	25.495	278	1047	0.045	ng/ul	#	40

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
Data File : BM031228.D
Acq On : 29 Jul 2021 01:19
Operator : CG/JU
Sample : M3082-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

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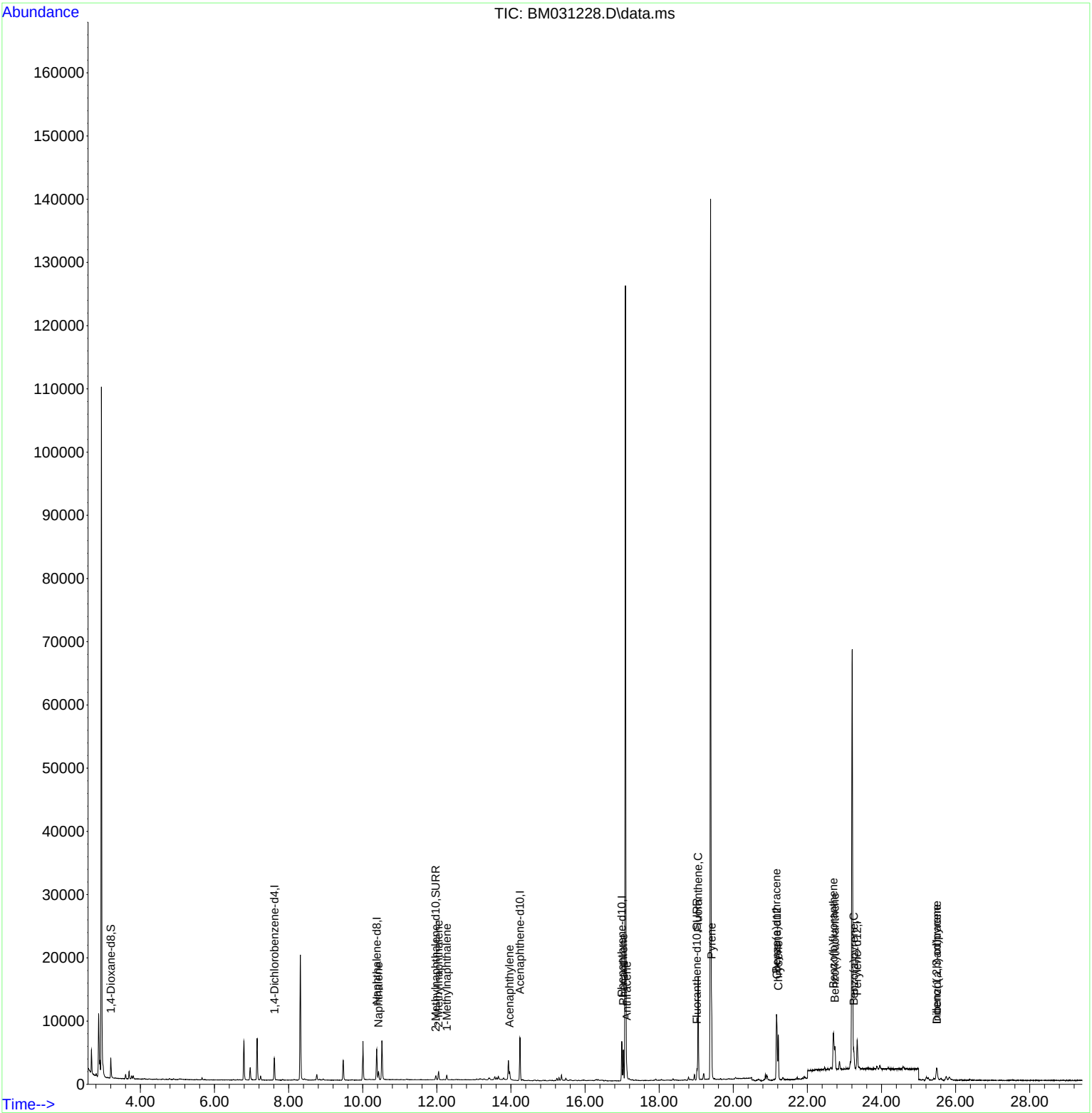
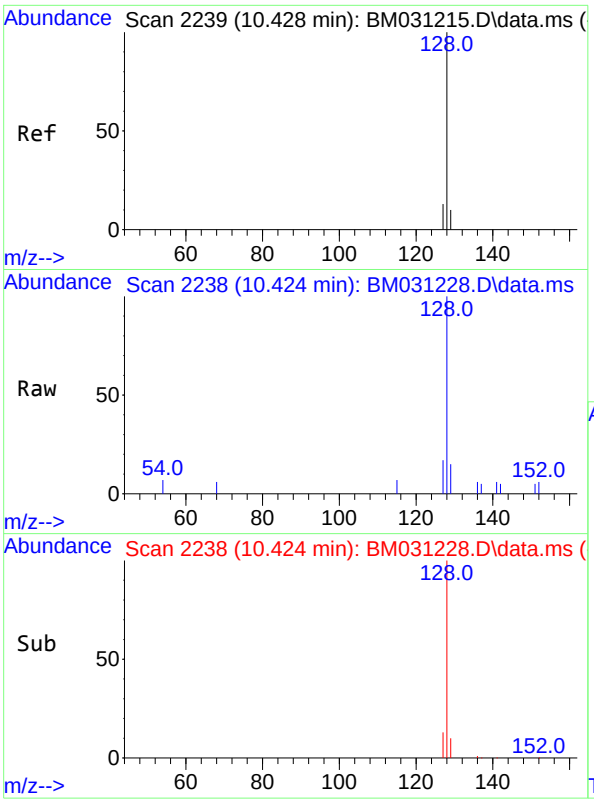
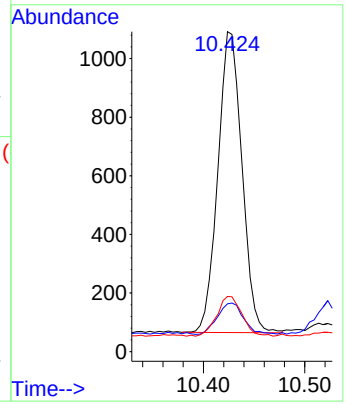


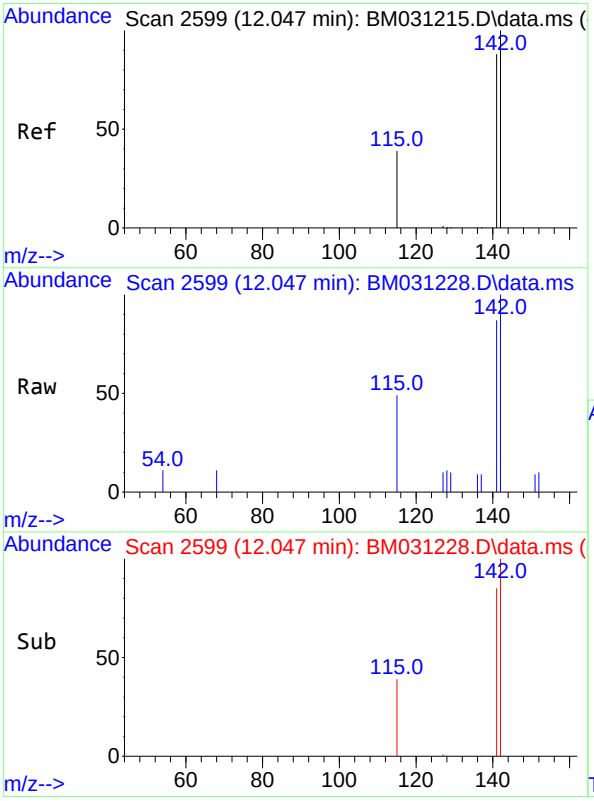


#5
Naphthalene
Concen: 0.090 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. -0.004 min
Lab File: BM031228.D
Acq: 29 Jul 2021 01:19

Tgt Ion:128 Resp: 1700

Ion	Ratio	Lower	Upper
128	100		
129	14.9	10.0	15.0
127	17.2	11.6	17.4

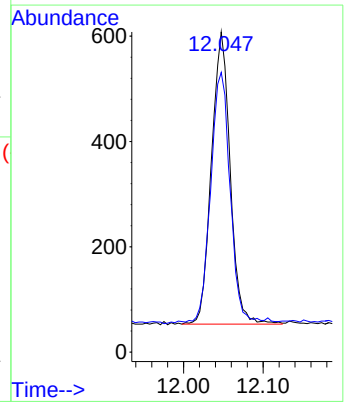




#7
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.047 min Scan# 2599
Delta R.T. 0.000 min
Lab File: BM031228.D
Acq: 29 Jul 2021 01:19

Tgt Ion:142 Resp: 906

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.4	107.0



Instrument :
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ClientSampleId :
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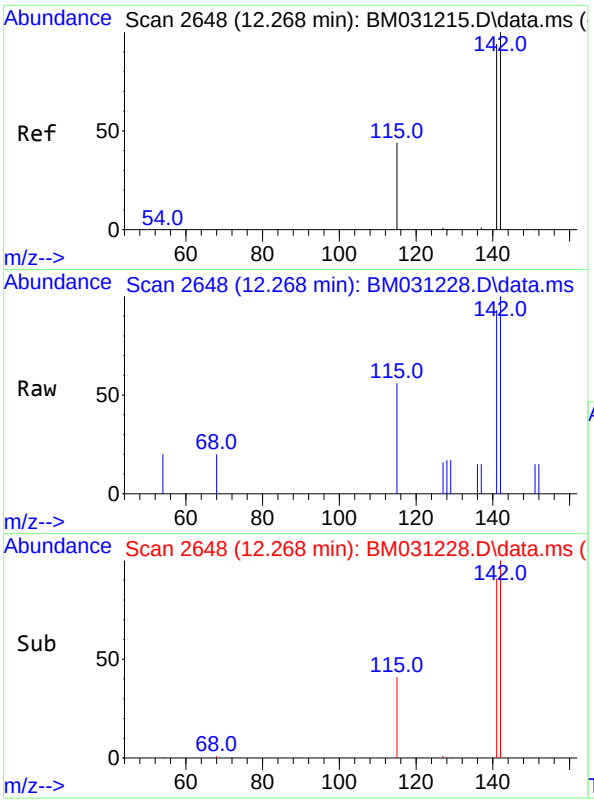
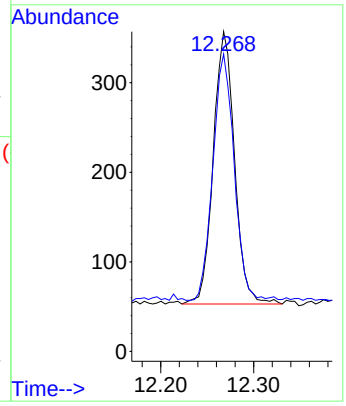


#8
1-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. 0.000 min
Lab File: BM031228.D
Acq: 29 Jul 2021 01:19

Tgt Ion:142 Resp: 484

Ion	Ratio	Lower	Upper
142	100		
141	90.5	74.1	111.1



Instrument :
BNA_M
ClientSampleId :
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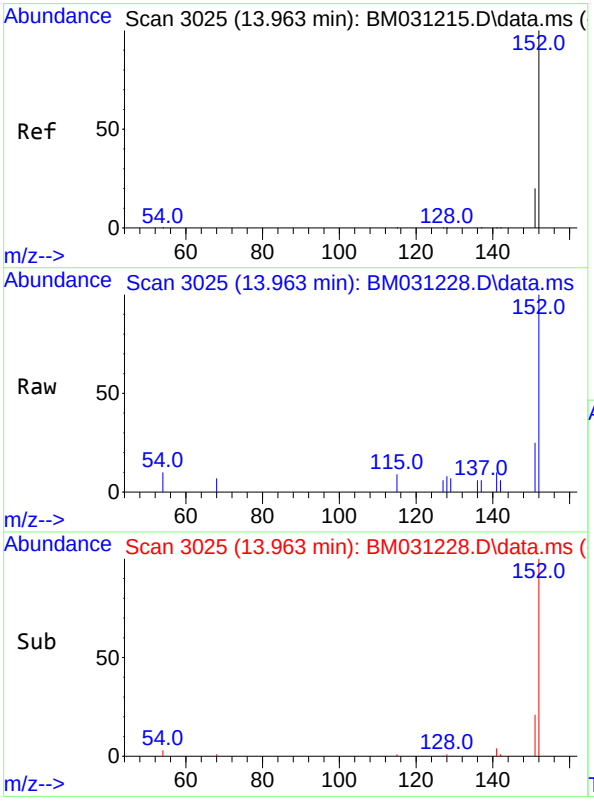
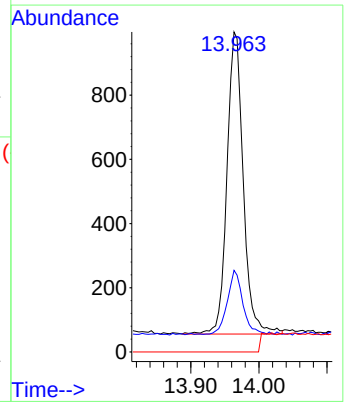
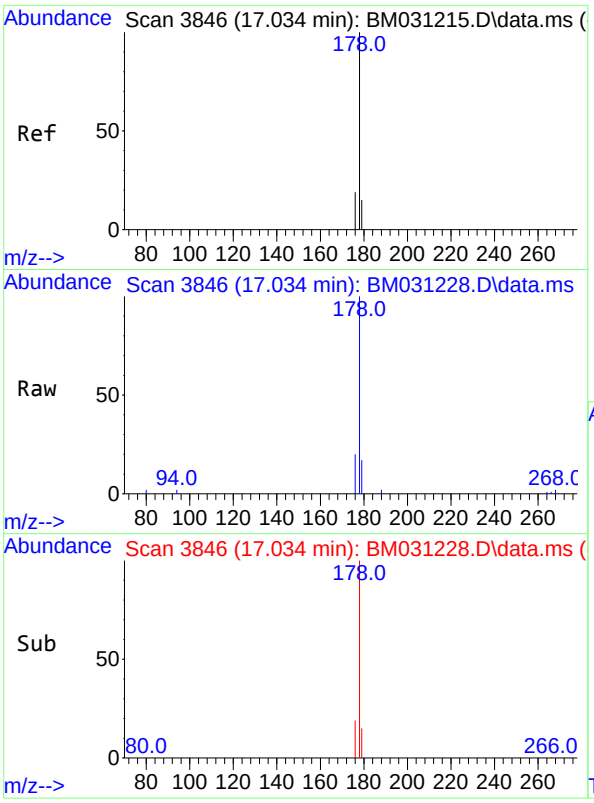


#10
Acenaphthylene
Concen: 0.095 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.004 min
Lab File: BM031228.D
Acq: 29 Jul 2021 01:19

Tgt Ion:152 Resp: 1510

Ion	Ratio	Lower	Upper
152	100		
151	25.5	16.9	25.3#
153	0.0	0.0	0.0

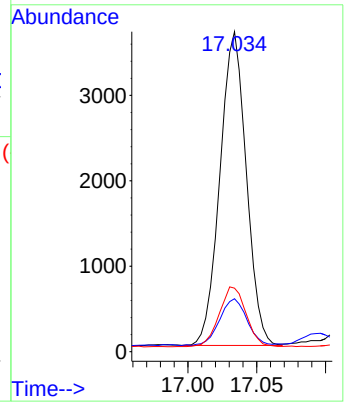




#15
Phenanthrene
Concen: 0.207 ng/ul
RT: 17.034 min Scan# 3846
Delta R.T. 0.000 min
Lab File: BM031228.D
Acq: 29 Jul 2021 01:19

Tgt Ion:178 Resp: 4890

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.3	19.9
176	19.9	16.2	24.4



Instrument :
BNA_M
ClientSampleId :
C0001

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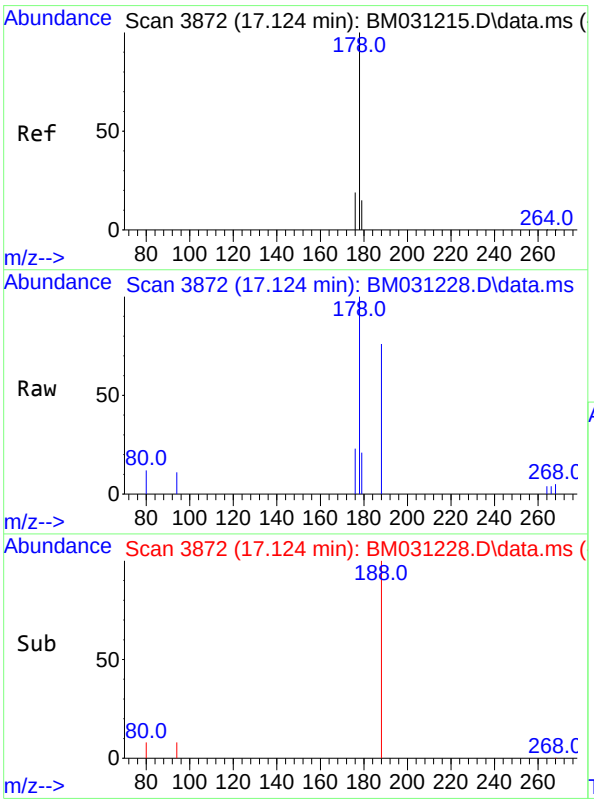
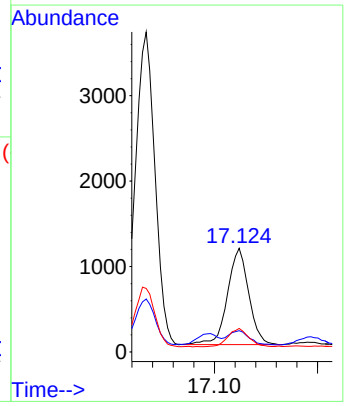
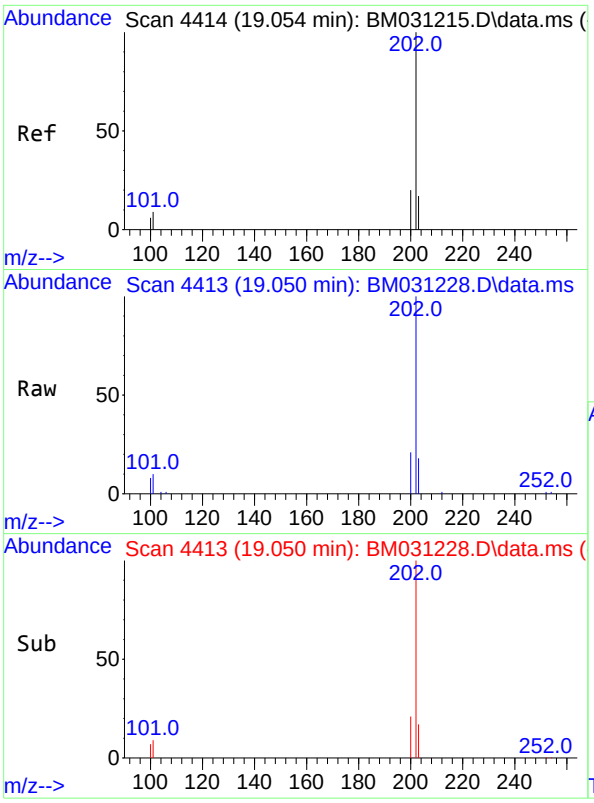


#16
Anthracene
Concen: 0.073 ng/ul
RT: 17.124 min Scan# 3872
Delta R.T. 0.000 min
Lab File: BM031228.D
Acq: 29 Jul 2021 01:19

Tgt Ion:178 Resp: 1612

Ion	Ratio	Lower	Upper
178	100		
179	20.6	13.0	19.6#
176	22.7	15.6	23.4

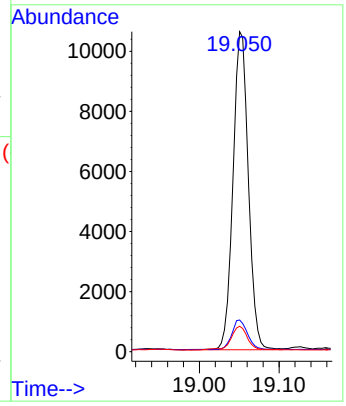


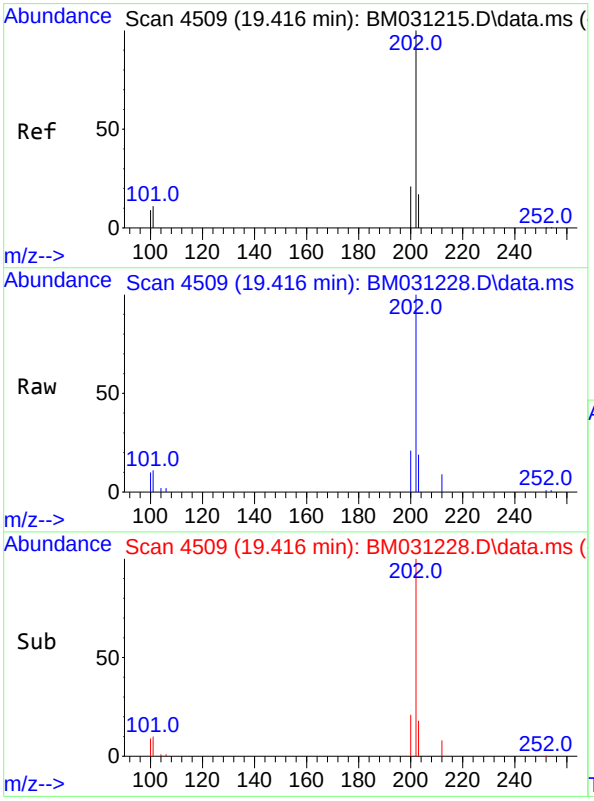


#19
Fluoranthene
Concen: 0.564 ng/ul
RT: 19.050 min Scan# 4413
Delta R.T. -0.004 min
Lab File: BM031228.D
Acq: 29 Jul 2021 01:19

Tgt Ion:202 Resp: 14152

Ion	Ratio	Lower	Upper
202	100		
101	9.9	6.6	10.0
100	7.9	5.4	8.0

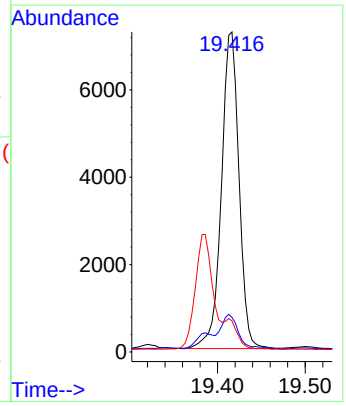




#20
Pyrene
Concen: 0.398 ng/ul
RT: 19.416 min Scan# 4509
Delta R.T. 0.000 min
Lab File: BM031228.D
Acq: 29 Jul 2021 01:19

Tgt Ion:202 Resp: 10128

Ion	Ratio	Lower	Upper
202	100		
101	10.8	7.8	11.6
100	9.7	6.6	10.0



Instrument :
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ClientSampleId :
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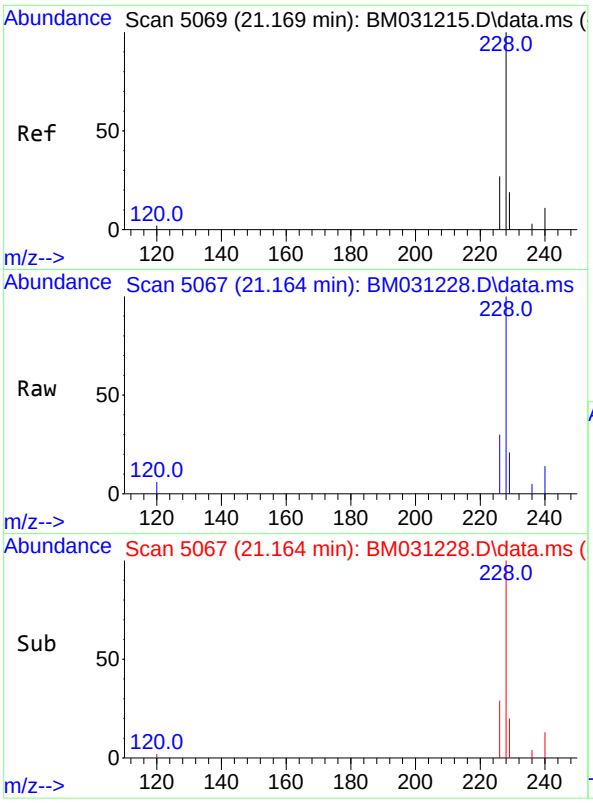
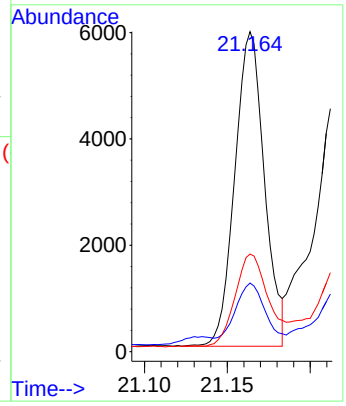


#21
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.164 min Scan# 5067
Delta R.T. -0.002 min
Lab File: BM031228.D
Acq: 29 Jul 2021 01:19

Tgt Ion:228 Resp: 7350

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.6	23.4
226	30.5	21.7	32.5



Instrument :
BNA_M
ClientSampleId :
C0001

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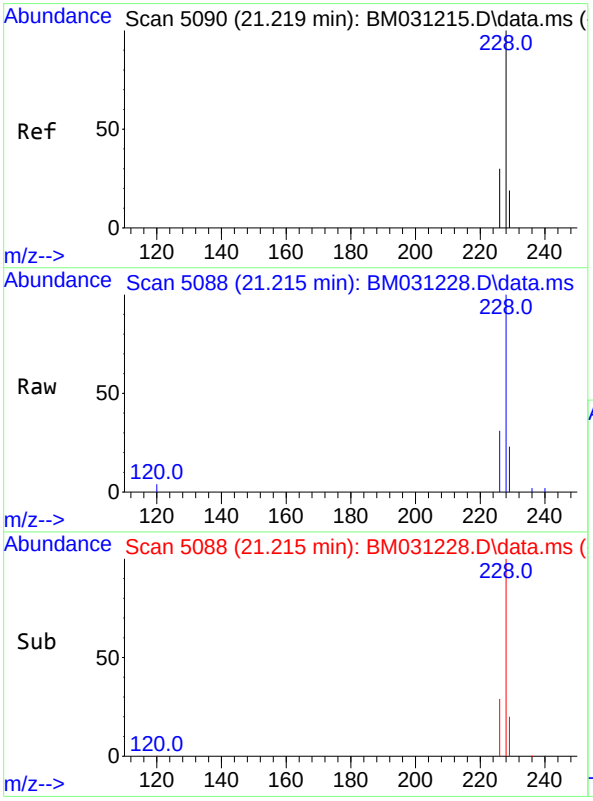
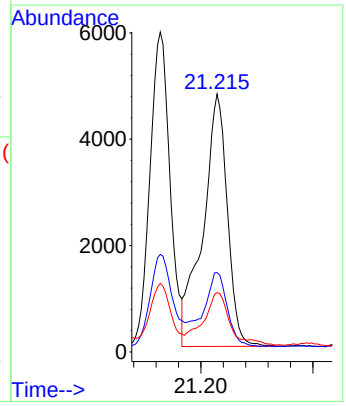
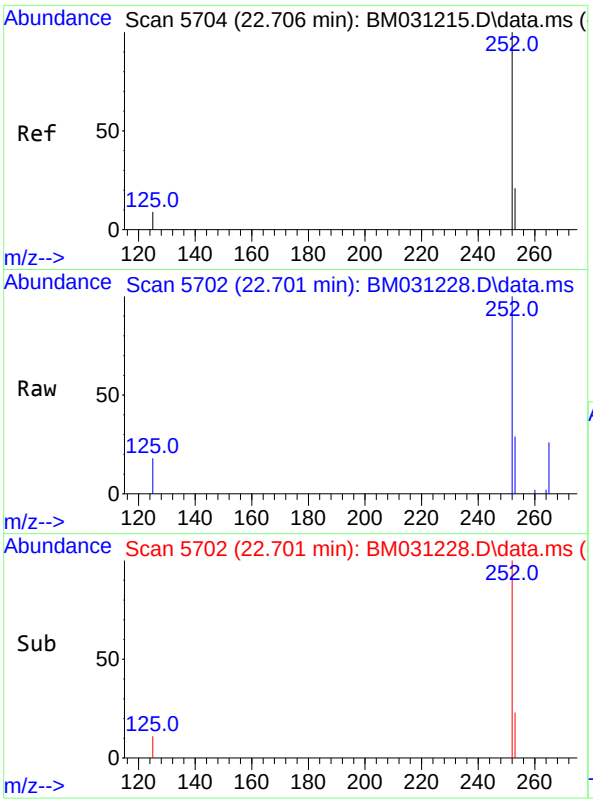


#22
Chrysene
Concen: 0.295 ng/ul
RT: 21.215 min Scan# 5088
Delta R.T. -0.002 min
Lab File: BM031228.D
Acq: 29 Jul 2021 01:19

Tgt Ion:228 Resp: 7232

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	23.0	16.2	24.2

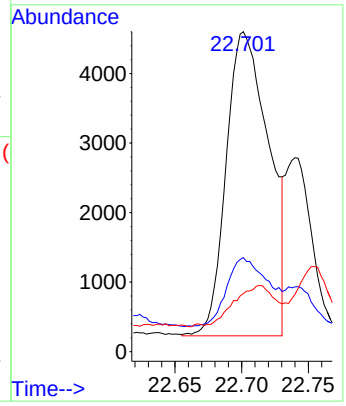


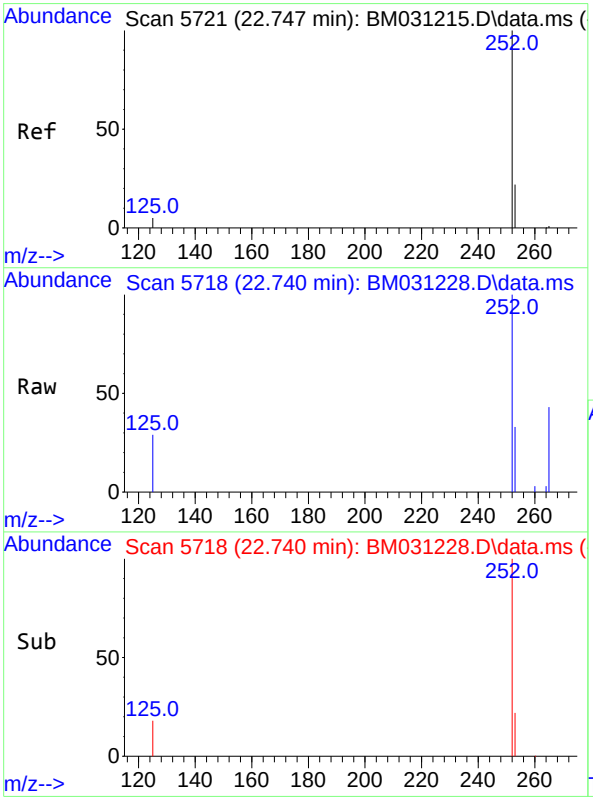


#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul m
RT: 22.701 min Scan# 5702
Delta R.T. -0.005 min
Lab File: BM031228.D
Acq: 29 Jul 2021 01:19

Tgt Ion:252 Resp: 9721

Ion	Ratio	Lower	Upper
252	100		
253	29.4	0.0	53.0
125	18.2	0.0	22.8

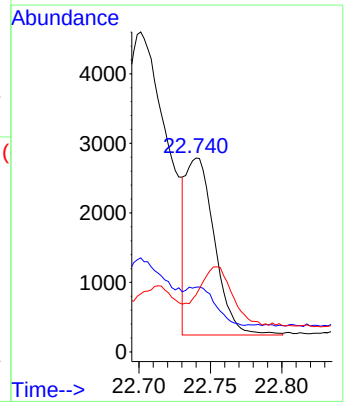




#25
Benzo(k)fluoranthene
Concen: 0.134 ng/ul m
RT: 22.740 min Scan# 5718
Delta R.T. -0.007 min
Lab File: BM031228.D
Acq: 29 Jul 2021 01:19

Tgt Ion:252 Resp: 3543

Ion	Ratio	Lower	Upper
252	100		
253	33.4	21.3	31.9#
125	29.5	8.8	13.2#



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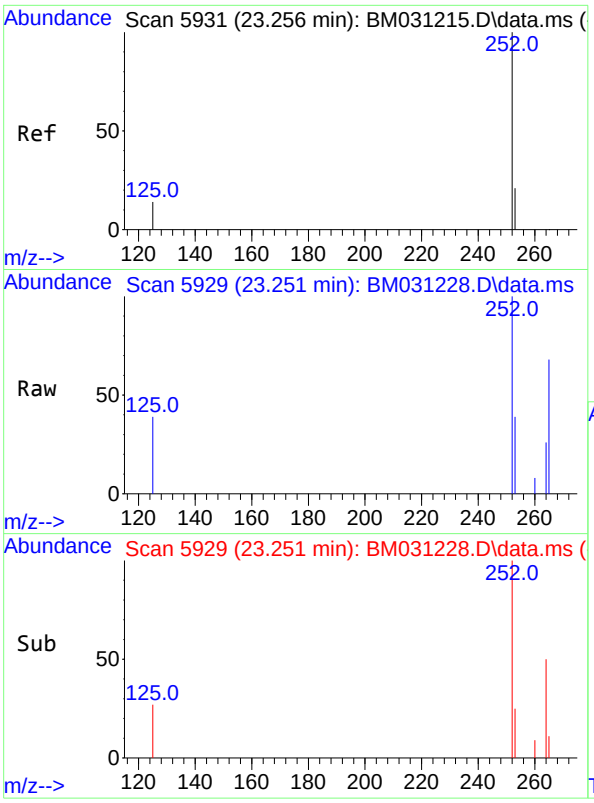
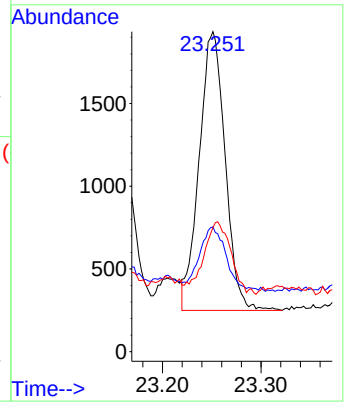
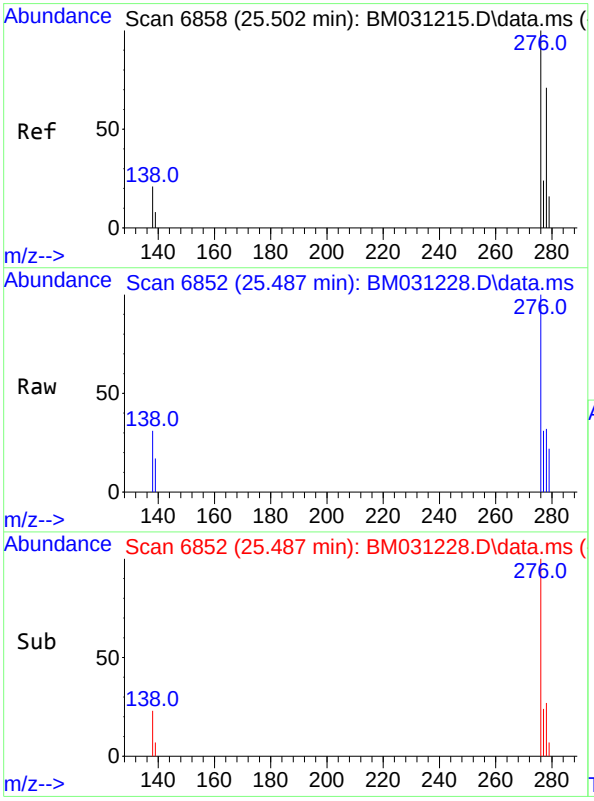


#26
Benzo(a)pyrene
Concen: 0.138 ng/ul
RT: 23.251 min Scan# 5929
Delta R.T. -0.005 min
Lab File: BM031228.D
Acq: 29 Jul 2021 01:19

Tgt Ion:252 Resp: 3081

Ion	Ratio	Lower	Upper
252	100		
253	39.0	22.4	33.6#
125	38.7	13.0	19.4#

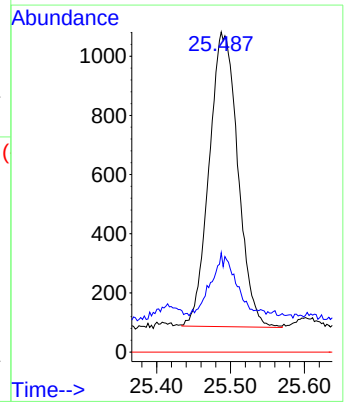




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.093 ng/ul
RT: 25.487 min Scan# 6852
Delta R.T. -0.010 min
Lab File: BM031228.D
Acq: 29 Jul 2021 01:19

Tgt Ion:276 Resp: 2685

Ion	Ratio	Lower	Upper
276	100		
138	20.3	15.8	23.8
227	0.0	0.0	0.0



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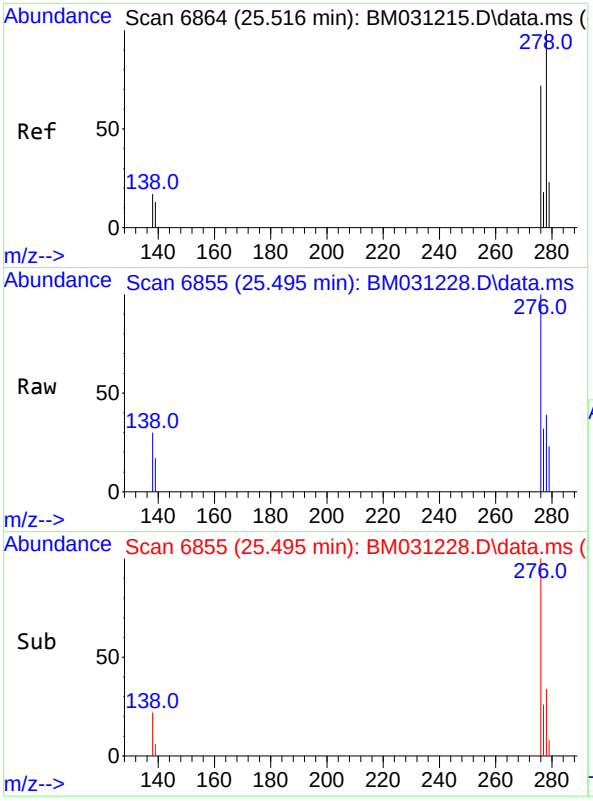
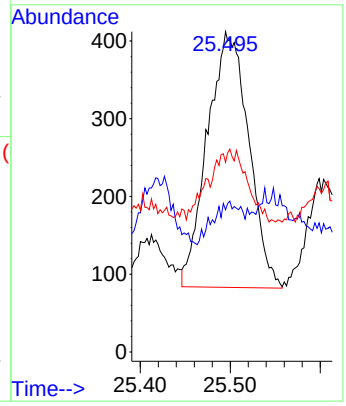


#28
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 25.495 min Scan# 6855
Delta R.T. -0.019 min
Lab File: BM031228.D
Acq: 29 Jul 2021 01:19

Tgt Ion:278 Resp: 1047

Ion	Ratio	Lower	Upper
278	100		
139	44.4	13.3	19.9#
279	59.2	22.8	34.2#



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